DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 2796

DO NOT DETACH THIS SLIP

Action on this document is recorded and controlled in Reports and Records Branch. Any movement of this document between divisions or offices of DMA or movement outside DMA must be reported to the Reports and Records Branch. Actions taken that affect status of the case must also be reported.

This document has been recorded as

EXPLORATION ASSISTANCE

Any action taken to change the type of request for assistance must be promptly reported to the Reports and Records Branch. Use DMA Form 2 for submitting these reports.

Routing Slip

COPIES TO USGS, USBM, REGION III

To: Code 700, Rm. 4640 Date 12-2-52

To: Open Corr Date 12-17-52

To: Open Corr Date 2-18-53

To: Date

To: Date

To: Date

To: Date

To: Date

To: Date

To: Date

To: Date

To: Date

To: Date

To: Date

DO NOT DETACH

CONTROLLED DOCUMENT

FILE COPY
SURNAME:

E. Johnson

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

FEB 20 1953

N.S. in R.&R.

Original & 2nd copies mailed 2/20/53 (HB)

Mr. Herbert Cameron, President
Copper World Mining Company
606 South Hill Street
Room 1015
Los Angeles 14, California

Re: Docket No. DMEA-2796 (Copper)
San Bernardino County, Calif.

Dear Mr. Cameron:

This will acknowledge receipt of your letter of February 4, 1953 concerning the application of Copper World Mining Company for aid in an Exploration Project.

A careful study of this application and the data available to this agency, and an examination of the property reveal that the probability of disclosing minable reserves by the work proposed in the application is not sufficiently promising to justify Government participation. Therefore, I regret to advise that this application is denied.

In the event that any further data are developed as the result of additional work on the property, either by making workings accessible, or by providing acceptable engineering reports, etc., please be assured we will be glad to consider a new application. In this connection and in response to your inquiry, the Defense Minerals Exploration Administration does not provide funds for service of independent geologists or engineers to help prepare applications. However, if you have a report on this property made at your expense by Mr. Ira B. Joralemon of San Francisco, California we will be pleased to reconsider our decision in this matter upon receipt of a copy of Mr. Joralemon's report.

Sincerely yours,

C. O. Mittendorf (fw)

Administrator

FSSchmidt/FEJohnson/jem/bih
2/20/53
cc to: Docket
Amdr. Reading File
Region III (2)
Operating Committee
Messrs. Mittendorf
CHJohnson R-3621
ARKinkel, Jr. GSA R-4234
Ellis
Schmidt - FEJohnson

FILE COPY
SURNAME:
700

Schmidt
Ellis
Johnson
Kennon
Hedges
Stoffridge

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

Mr. Herbert Cameron, President
Copper World Mining Company
606 South Hill Street
Room 1015
Los Angeles 14, California

Re: Docket No. DMEA-2796 (Copper)
San Bernardino County, California

Dear Mr. Cameron:

This acknowledges receipt of your letter of February 4, 1953, concerning the subject application.

In answer to your inquiry, the Defense Minerals Exploration Administration does not have funds available for the services of an independent geologist to help prepare applications. However, a report by Mr. Ira Joralemon of San Francisco, California, would be quite acceptable to this Agency.

A careful study of your application and data available to this Agency and an examination of the property reveal that the probability of disclosing minable reserves by the program proposed in the application is not sufficiently promising to justify Government participation. Therefore, this application is herewith denied.

Should any further data be developed as a result of additional work on the property either by making workings accessible or by providing acceptable engineering reports, etc., please be assured we will be glad to consider a new application.

Sincerely yours,

[redacted]

Administrator

Fschmidt/jem
2/16/53
cc to: Adm. Reading File
Docket
Messrs. CHJohnson-3621
ARKinkel-4234 GSA
Ellis Schmidt
Field Team, Region III (2)

Operating Committee

2/16/53 gla

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

February 16, 1953

Memorandum

To: E. W. Ellis, DMEA

From: C. H. Johnson, Bureau of Mines

Subject: DMEA-2796 (Copper - Copper World Mine, San Bernardino County, California)

I have reviewed the memorandum reports by Erwin and Sheahan transmitted to the Operating Committee by H. C. Miller, January 27, 1953. Have also noted Mr. Miller's letter of January 30 to F. E. Johnson on the same subject.

I concur in the recommendation of the field staff that this project be denied.

C. H. Johnson
C. H. Johnson

Copy to - Minerals Division
Mr. Kinkel - Room 4232 GSA
Mr. Johnson
Files

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

February 16, 1953

Memorandum

To: E. W. Ellis, DMEA

From: C. H. Johnson, Bureau of Mines

Subject: DMEA-2796 (Copper - Copper World Mine, San Bernardino County, California)

I have reviewed the memorandum reports by Erwin and Sheehan transmitted to the Operating Committee by H. C. Miller, January 27, 1953. Have also noted Mr. Miller's letter of January 30 to T. E. Johnson on the same subject.

I concur in the recommendation of the field staff that this project be denied.

C. H. JOHNSON

C. H. Johnson

CHJohnson:km

Copy to - Minerals Division
Mr. Minkel - Room 1232 GSA
Mr. Johnson
Files

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

February 16, 1953

Memorandum

To: E. W. Ellis, DMEA

From: C. H. Johnson, Bureau of Mines

Subject: DMEA-2796 (Copper - Copper World Mine, San Bernardino County, California)

I have reviewed the memorandum reports by Erwin and Sheahan transmitted to the Operating Committee by H. C. Miller, January 27, 1953. Have also noted Mr. Miller's letter of January 30 to F. E. Johnson on the same subject.

I concur in the recommendation of the field staff that this project be denied.

C. H. JOHNSON

C. H. Johnson

CHJohnson:ks

Copy to - Minerals Division
Mr. Kinkel - Room 4232 GSA
Mr. Johnson
Files

Copper World DMEA 2796

Dec 18 1952 referred for Field Examination Notes by Schmidt 2/11/53

Dec 31 1952 William Irwin writes report denying application, gives good reasons.

Jan 27/53 Miller of RegionIII says as both Irwin and Sheahan recommend and the Field Team concurs that the applicants request for an exploration loan be denied. the field Team sees no justification for making another field examination of the property

Jan 30/53 another letter from Miller "I suggested to Cameron inasmuch as the reports by the Bureau and U.S.G.S. were not favorable towards an Exploration project that if he is not sstisfied with our conclusions, which apparently he is not, that probably the next thing to do would be to follow C.H.Johnsons suggestion that the property be geologized by some experienced mining geologist acceptable to DMEA. Such a geologist report might go a long ways towards pointing out tht either the property is not worth drilling or if drilling is warranted, where the holes should be drilled" ~~This is a bit of nonsense on the part of Miller.~~ He wrote that he was in accord with his field team to the effect that the aplication be denied, and now he keeps the door open by suggesting that applicant get a geologist of his own. Which is it? the fact is Miller should have stood pat on the conclusions of his field team or get himself another field team.

~~DMEA~~ Feb 4/53 Cameron wants to know whether we can make funds available to him of $2500 to hire Moralemon to mae an examination to get at the facts after our own field team has condemned the project.

Since Miller has given him hopes and frankly himself asks whether we would pay for this geologist, it seems that we cannot write Cameron that his project is denied, which it should be, because we cannot cross up Miller. The best thing is to inform Cameron that we have unfavorable reports on his property, that we have concluded not to make the loan and that nothing but some unforeseen unexpected report from some prominent geologist, contributing some new data contradicting our data would cuase us to consider the application

favorably. that meantime we will not close the docket pending any action he may wish to take on his responsibility but stating definitely that the score at present is adverse to his application.

An application had been made by this company to DMPA for production facilities and they not only turned that down but also took the position unofficially that it did not merit an exploration loan. See Gowan and Waugh.

2/6/53 gla

HERBERT CAMERON
ATTORNEY AT LAW
606 SOUTH HILL STREET
LOS ANGELES 14, CALIFORNIA

TELEPHONE: TRINITY 8191

CABLE ADDRESS: HERBCAM

File: 438.

February 4th, 1953.

Personal...

Defense Mineral Exploration Administration,
Interior Building,
Washington 25, DC.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 5 1953

Attention: Mr. C. O. Mittendorf.

RE: DMEA 2796 - Application Copper World Mining Co.,
606 South Hill St., Los Angeles, Calif.

Dear Mr, Mittendorf:

During a conference with Mr. H. C. Miller, Regional Director of Bureau of Mines in San Francisco last week, it was indicated that the above application, Docket No. DMEA 2796, might require some additional technical information as to the location and depth of proposed drill sites, to explore the claims referred to in said application, namely, Copper World, Copper World No. 2, Dewey and Manila claims.

It appears that the opinion of a qualified mining geologist, with a proper and acceptable experience and background, would eliminate this objection, and provide information to explore said claims.

The man best qualified in California for this particular purpose is Ira Joralemon, 315 Market Street, San Francisco, Calif.

Would you accept a report and recommendation on this property prepared by Mr. Joralemon? Such a study and report may take a week or ten days to complete. The cost thereof might be in the vicinity of $2500.00. Can funds be made available for this purpose and if so how soon?

Yours very truly,

COPPER WORLD MINING CO.

BY: Herbert Cameron
President and Chief Counsel.

cc: Mr. H. C. Miller,
Regional Director,
Bureau of Mines,
1012 Flood Building,
San Francisco, Calif.

2/3/53

There is nothing to do at present but wait until we hear from Cameron as Miller says he will write to us. He has been informed by Miller that he needs the report of some recognized geologist.

Miller also wishes to know whether the applicant would have to pay for the geologist or whether DMEA would pay part of this cost. I dont think there is any chance of DMEA hiring a geologist for this examination.

Schmidt

2/3/53 gla

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
FEB 2 1953

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

Office of
Executive Officer
DMEA Field Team
Region III

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

AIR MAIL

January 30, 1953

Memorandum

To: Frank E. Johnson, Deputy Administrator, DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-2796 (Copper), Copper World Mining Company, San Bernardino County, California

On January 27, we sent Mr. George C. Selfridge, copies of memoranda by William P. Irwin and B."H. Sheahan in which they expressed their thoughts concerning the inadvisability of making another examination of the Copper World Mine, the reasons why they think that such an examination is not necessary, and their recommendations that the applicant's request for a loan be denied.

On January 29, the applicant, Mr. Herbert Cameron, called at this office and I discussed our thoughts concerning his property with him. I suggested to Mr. Cameron, inasmuch as the reports by the Bureau of Mines and Geological Survey were not favorable towards an Exploration project, that if he is not satisfied with our conclusions, which apparently he is not, that probably the next thing to do would be to follow Mr. C. H. Johnson's suggestion that the property be geologized by some experienced mining geologist acceptable to DMEA. Such a geologist's report might go a long ways towards pointing-out that either the property is not worth drilling, or if drilling is warranted, where the holes should be drilled.

I told him that I did not know what mining geologists might be acceptable to DMEA but suggested that two mining geologists whom I consider tops are Ira B. Joralemon and Wilbur H. Grant, both of San Francisco.

Mr. Cameron wants to discuss this matter with his associates in Los Angeles, and told me that he would write you directly concerning conclusions arrived at. In the meantime, he asked that I request you to hold his application open until he

2-9-53

informs you of the next step he wants to take.

For my information, will DMEA pay for the services of the mining geologists, or will that expense have to be met in full by the applicant.

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

Copy to: A. C. Johnson, Reno
E. H. Bailey, USGS

DEPARTMENT OF THE INTERIOR
Defense Materials Administration

Office of
Executive Officer
DMEA Field Team
Region III

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

AIR MAIL

January 30, 1953

Memorandum

To: Frank H. Johnson, Deputy Administrator, DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-3796 (Copper), Copper World Mining Company, San Bernardino County, California

On January 27, we sent Mr. George C. Selfridge, copies of memoranda by William P. Irvin and R. H. Sheahan in which they expressed their thoughts concerning the inadvisability of making another examination of the Copper World Mine, the reasons why they think that such an examination is not necessary, and their recommendations that the applicant's request for a loan be denied.

On January 29, the applicant, Mr. Herbert Cameron, called at this office and I discussed our thoughts concerning his property with him. I suggested to Mr. Cameron, inasmuch as the reports by the Bureau of Mines and Geological Survey were not favorable towards an Exploration project, that if he is not satisfied with our conclusions, which apparently he is not, that probably the next thing to do would be to follow Mr. G. H. Johnson's suggestion that the property be geologized by some experienced mining geologist acceptable to DMEA. Such a geologist's report might go a long ways towards pointing-out that either the property is not worth drilling, or if drilling is warranted, where the holes should be drilled.

I told him that I did not know what mining geologists might be acceptable to DMEA but suggested that two mining geologists whom I consider tops are Ira B. Joralemon and Wilbur H. Grant, both of San Francisco.

Mr. Cameron wants to discuss this matter with his associates in Los Angeles, and told me that he would write you directly concerning conclusions arrived at. In the meantime, he asked that I request you to hold his application open until he

Reviewed by
DMEA OPERATING COMMITTEE
2-9-53
Date

informs you of the next step he wants to take.

For my information, will EDA pay for the services of the mining geologists, or will that expense have to be paid in full by the applicant.

H. C. MILLER

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

Copy to: A. G. Johnson, Reno
R. K. Bailey, USGS

Office of
Executive Officer
DMEA Field Team
Region III

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

January 27, 1953

Memorandum

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

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-2796 (Copper), Copper World Mining Company, San Bernardino County, California

Reference is made to Frank E. Johnson's memorandum, dated December 18, 1952.

Region III Field Team believed that no exploratory work was warranted at the subject property, but before definitely recommending against a loan, asked Mr. William P. Irwin of the Geological Survey and Mr. B. H. Sheahan of the Bureau of Mines, who examined the property last summer, to give us their comments on the applicant's request for an Exploration loan costing $46,211.60.

Attached are three copies of memorandum, dated December 31, 1952, from William P. Irwin to H. C. Miller and the same number of copies of a memorandum, dated January 16, 1953, from B. H. Sheahan to H. C. Miller.

As both Irwin and Sheahan recommend (and the Field Team concurs) that the applicant's request for an Exploration loan be denied, the Field Team sees no justification for making another field examination of the Copper World property.

H. C. MILLER

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

Attachments

Copy to: E. H. Bailey, USGS
A. C. Johnson, Reno

2-9-53

Q
Q
R
X

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
102 Old Mint Building
San Francisco 3, California

December 31, 1952

Memorandum

To: H. G. Miller

From: William P. Irwin

Subject: DMEA 2798, Copper World Mining Company

I have reviewed the subject docket at Mr. Bailey's request, and recommend that the request for an exploration loan be denied for the following reasons.

Discovery of a significant tonnage of ore is improbable. As a result of our examination in May 1952, N. H. Kheahan, H. L. Sobel and I felt that the property contains little minable ore. The ore, if any, probably occurs in a zone several feet wide along a contact between quartz monzonite and dolomite. Most certainly the property does not contain a large deposit that can be worked by a large scale open pit as conceived by the applicant.

The exploration plan is poorly prepared. The applicant gives little idea of the target to be explored. Seventeen proposed drill-hole sites are shown on the map (two are labelled No. 13, and none is labelled No. 10). The holes are to be a total of 4,500 feet in length, but no information is given as to the length and inclination of individual holes. Drill holes No. 8 through 13 are in the area of the old workings, and although sufficient data is lacking to be sure, it is quite likely that some of the holes will intersect the old workings. Judging from our concept of the geology of the deposit, most of these holes will be in barren dolomite. Holes Nos. 1 through 7 would probably be collared in a quartz monzonite sill, and conceivably may intersect a thin zone of copper-bearing rock at a contact between quartz monzonite and dolomite. The structure of the area is insufficiently known to warrant the amount of drilling proposed by the applicant.

Nearly half of the $46,211.60 cost of the program is accountable to bulldozing. No details of the work are given.

Costs are excessive. Under section 6b in the application the total cost of salary and wages for supervision and labor is $9,978.00. Supervision constitutes nearly half of this amount. The supervisor's salary of $1,000 per month seems much too high. A supervising assistant at a salary of $800 per month seems unnecessary considering the small size of the labering crew.

Under section 6h a D-6 bulldozer is listed for 3 months rental. No explanation is given as to what use the bulldozer will be made, but it may possibly be planned to be used for trenching the scattered areas labelled "surface work" on the applicant's map. Such scattered effort probably will be of little practical value. Also such section 6d is listed a crushing plant and accessory equipment. I cannot conceive of what use it will be put, unless it will be used in crushing samples for assay. If that is its use, a rental of $56 per day is a highly unrealistic figure.

The analytical work under section 6g is listed as $950 per month, but is probably meant to be $350 per month for three months. Assays by a commercial assayer would probably be cheaper, more reliable, and more satisfactory from the Government's standpoint than assaying by the applicant.

The applicant seems incompetent. Mr. Collins is proposed in the application as the supervisor of the exploration with a salary of $1,000 per month. At the time of the field team's examination of the property, on May 27, 1953, Mr. Collins declined to accompany the field team on the examination of the underground workings, stating that he was not a mining man and therefore would be of no assistance in pointing out the features of the property. If Mr. Collins is not a mining man, he appears to be a poor choice to supervise an exploration program.

/s/ William P. Irwin

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
P. O. BOX 1551
RENO, NEVADA

January 16, 1953

Memorandum

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

From: B. H. Sheahan, Mining Engineer, Region III

Subject: Docket DMEA-2796 (copper), Copper World Mining Co., San Bernardino County, Calif.

The applicant's request for an exploration loan amounting to $46,211.60 should be denied. Exploration work proposed by the applicant involves 4,600 feet of core drilling, rehabilitating and sampling old workings and sampling outcrops and dumps.

The requested loan should be denied for all of the reasons outlined in the review of the docket by E. L. Newcomb by memorandum to Mr. E. Wm. Ellis, dated December 5, 1952.

The applicant's chief engineer, Mr. James F. Collins, has avariciously included and recommended himself at a salary of $1,000.00 per month. Both the DMPA docket and the DMEA docket were poorly prepared. Officers of the coorporation, including the president, vice president, and secretary-treasurer, have very little mining experience.

It is quite probable that the applicant desires a small exploration loan to promote stock sales. The present Copper World Mining Company was incorporated in Nevada in 1950 with 2,500,000 shares of common stock outstanding.

Although the property produced some ore, this production was made at a time when economic conditions were more favorable than now exist. The mine was depleted. The exploration work proposed by the applicant would not indicate any reserves of minable copper ore.

The exploration work proposed by the applicant is not recommended and the requested loan should be denied.

In compliance with your request, docket is enclosed.

B. H. Sheahan

B. H. Sheahan

Encls.

Approved by
DMEA [illegible]

2-9-53
(date)

2/3/53 gla

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 2 1953

Office of
Executive Officer
DMEA Field Team
Region III

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

January 27, 1953

Memorandum

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

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-2796 (Copper), Copper World Mining Company, San Bernardino County, California

Reference is made to Frank E. Johnson's memorandum, dated December 18, 1952.

Region III Field Team believed that no exploratory work was warranted at the subject property, but before definitely recommending against a loan, asked Mr. William P. Irwin of the Geological Survey and Mr. B. H. Sheahan of the Bureau of Mines, who examined the property last summer, to give us their comments on the applicant's request for an Exploration loan costing $46,211.60.

Attached are three copies of memorandum, dated December 31, 1952, from William P. Irwin to H. C. Miller and the same number of copies of a memorandum, dated January 16, 1953, from B. H. Sheahan to H. C. Miller.

As both Irwin and Sheahan recommend (and the Field Team concurs) that the applicant's request for an Exploration loan be denied, the Field Team sees no justification for making another field examination of the Copper World property.

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

Attachments

Reviewed by
DMEA OPERATING COMMITTEE
2-9-53
(date)

Copy to: E. H. Bailey, USGS
A. C. Johnson, Reno

C
O
P
Y

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
102-Old Mint Building
San Francisco 3, California

December 31, 1952

Memorandum

To: H. C. Miller

From: William P. Irwin

Subject: DMEA 2796, Copper World Mining Company

I have reviewed the subject docket at Mr. Bailey's request, and recommend that the request for an exploration loan be denied for the following reasons.

Discovery of a significant tonnage of ore is improbable. As a result of our examination in May 1952, B. H. Sheahan, H. L. Sobel and I felt that the property contains little mineable ore. The ore, if any, probably occurs in a zone several feet wide along a contact between quartz monzonite and dolomite. Most certainly the property does not contain a large deposit that can be worked by a large scale open pit as conceived by the applicant.

The exploration plan is poorly prepared. The applicant gives little idea of the target to be explored. Seventeen proposed drill-hole sites are shown on the map (two are labelled No. 12, and none is labelled No. 10). The holes are to be a total of 4,600 feet in length, but no information is given as to the length and inclination of individual holes. Drill holes No. 8 through 13 are in the area of the old workings, and although sufficient data is lacking to be sure, it is quite likely that some of the holes will intersect the old workings. Judging from our concept of the geology of the deposit, most of these holes will be in barren dolomite. Holes Nos. 1 through 7 would probably be collared in a quartz monzonite sill, and conceivably may intersect a thin zone of cooper-bearing rock at a contact between quartz monzonite and dolomite. The structure of the area is insufficiently known to warrant the amount of drilling proposed by the applicant.

Nearly half of the $46,211.60 cost of the program is accountable to bulldozing. No details of the work are given.

Costs are excessive. Under section 6b in the application the total cost of salary and wages for supervision and labor is $9,978.00. Supervision constitutes nearly half of this amount. The supervisor's salary of $1,000 per month seems much too high. A supervising assistant at a salary of $500 per month seems unnecessary considering the small size of the laboring crew.

Reviewed by
DMEA OPERATING COMMITTEE

2-9-53
(date)

Under section 6b a D-8 bulldozer is listed for 3 months rental. No explanation is given as to what use the bulldozer will be made, but it may possibly be planned to be used for trenching the scattered areas labelled "surface work" on the applicant's map. Such scattered effort probably will be of little practical value. Also such section 6d is listed a crushing plant and accessory equipment. I cannot conceive of what use it will be put, unless it will be used in crushing samples for assay. If that is its use, a rental of $58 per day is a highly unrealistic figure.

The analytical work under section 6g is listed as $950 per month, but is probably meant to be $350 per month for three months. Assays by a commercial assayer would probably be cheaper, more reliable, and more staifactory from the Government's standpoint than assaying by the applicant.

The applicant seems incompetent. Mr. Collins is proposed in the application as the supervisor of the exploration with a salary of $1,000 per month. At the time of the field team's examination of the property, on May 27, 1952, Mr. Collins declined to accompnay the field team on the examination of the underground workings, stating that he was not a mining man and therefore would be of no assistance in pointing out the features of the property. If Mr. Collins is not a mining man, he appears to be a poor choice to supervise an exploration program.

/s/ William P. Irwin

FILE COPY
SURNAME:
700

Schmidt
Ellis
Johnson

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

DEC 18 1952

Mr. Herbert Cameron, President
Copper World Mining Company
606 South Hill Street
Room 1015
Los Angeles 14, California

Re: Docket No. [illegible]-2796 (Copper)
San Bernardino County, California

Dear Mr. Cameron:

The application for assistance in exploring your property in San Bernardino County, California, under the above captioned docket number, has been reviewed by the Rare and Miscellaneous Metals Division of the Defense Minerals Exploration Administration. Your application has been referred for a report to the Executive Officer of Region III at the following address:

Mr. H. L. Miller
Executive Officer, Region III
DMEA Field Team
1012 Flood Building
870 Market Street
San Francisco 2, California

D.H. 12-18-52

The Regional Office will contact you at the earliest opportunity in regard to your project.

Sincerely yours,

C. O. Mittendorf

Administrator

F. Schmidt/jem
12/17/52
cc to: Adm. Reading File
Docket
Messrs. Ellis
Schmidt
Field Team, Region III (2)

FILE COPY
SURNAME: 100

Schmidt
Ellis

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

DEC 1 8 1952

Mr. H. [illegible] Miller
Executive Officer, [illegible]
D[illegible] Field Team
[illegible] Building
870 Market Street
San Francisco 2, California

Re: Docket No. [illegible]-2796 (Copper [illegible])
[illegible] Copper [illegible] Mining Company
San Bernardino County, California

Dear Mr. Miller:

The subject application is referred to you for a field team report. This is being done because your office has made an examination of this property in connection with application [illegible]-2182. The report was written by [illegible], [illegible], [illegible] and dated July [illegible], 1952. It would appear that no further field examination would be needed in order to provide this office with information as to whether this property merits an exploration program.

We are enclosing copies of memorandum from [illegible] H. [illegible] dated September [illegible], 1952, and [illegible] dated November [illegible], 1952.

If you believe that there is [illegible] for exploratory work a detailed field team report [illegible] exploration contract could be based, will be required.

All of the [illegible] July 2, 1952, is available to this office reference may be made to it, if such should be considered expedient.

Sincerely yours,

S.N. 12-18-52

(Signed) FRANK M. JOHNSON (WB)

Chairman, Operations Committee

Enclosures

Approved:

Walter Ranges (WB)
Member, Bureau of Mines

A. R. Kinkel, Jr. (WB)
Member, Geological Survey

FSchmidt/jem 12/17/52
cc to: Adm. Reading File
Docket
Messrs. CHJohnson-3621
ARKinkel-4234 GSA
Ellis Schmidt
Opr. Com.
Field Team, Reg. III

12/10/52 gla

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 9 1952

December 8, 1952

Memorandum

To: W. E. Ellis, DMEA

From: C. H. Johnson, Bureau of Mines

Subject: DMEA-2796 Copper World Mining Company, Copper World (Dewey-Manila) mine, San Bernardino County, California

I recommend referral of this project to the Field Team of Region III with request for a report and recommendation. It may not be necessary to make another field examination, as the property was pretty well looked over in connection with the DMPA application.

One or two thoughts occurred to me: First step in an exploration project on this prospect should be mapping and sampling of the underground workings on the Copper World, with geology added. At the same time, a reconnaissance-type geologic map should be made of all five claims, accompanied by sufficient sampling of copper showings to indicate where the hot spots are, if any. Only after those things have been done could trenching or drilling be laid out to best advantage. The geology should be by some experienced mining geologist acceptable to DMEA. My impression from reviewing the DMPA application was that the applicant was being poorly advised; extravagant claims were made.

The application is returned herewith.

C. H. Johnson
C. H. Johnson

Attachment

Copy to: Mr. Kinkel, USGS
Minerals Division
Base Metals Branch
Mr. Johnson
Files

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 9 1952

December 8, 1952

Memorandum

To: W. E. Ellis, DMEA

From: C. H. Johnson, Bureau of Mines

Subject: DMEA-2796 Copper World Mining Company, Copper World (Dewey-Manila) mine, San Bernardino County, California

I recommend referral of this project to the Field Team of Region III with request for a report and recommendation. It may not be necessary to make another field examination, as the property was pretty well looked over in connection with the DMPA application.

One or two thoughts occurred to me: First step in an exploration project on this prospect should be mapping and sampling of the underground workings on the Copper World, with geology added. At the same time, a reconnaissance-type geologic map should be made of all five claims, accompanied by sufficient sampling of copper showings to indicate where the hot spots are, if any. Only after those things have been done could trenching or drilling be laid out to best advantage. The geology should be by some experienced mining geologist acceptable to DMEA. My impression from reviewing the DMPA application was that the applicant was being poorly advised; extravagant claims were made.

The application is returned herwith.

C. H. Johnson

C. H. Johnson

Attachment

Copy to: Mr. Kinkel, USGS
Minerals Division
Base Metals Branch
Mr. Johnson
Files

12/10/52 gla

IN REPLY REFER TO:

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 8 1952

December 5, 1952

Memorandum

To: Mr. E. Wm. Ellis

From: E. L. Newcomb

Subject: Recommendation for denial

Re: DMEA-2796
Copper World Mine
Clark District
San Bernardino County, Calif.
$46,211.60
Copper

The applicant requests Governemtn assistance on a project involving 4600 feet of core drilling, rehabilitating and sampling old workings, and sampling outcrops and dumps.

This property was recently denied a production loan of $2,191,000 by DMPA. Denial was based on the following factors:

1). Applicant's estimate of average grade of reserves (2 per cent copper) was too high. By comparison, the field team estimate, based upon chip sampling in the accessible workings (Main Level) averaged less than 0.1 per cent copper.

2). The limited geologic and assay data submitted by the applicant did not adequately substantiate his estimate of the average grade or the total reserves on the Copper World property.

A field team examination was made on the property primarily in connection with the DMPA (production loan) application. However, they state in their report that further exploration would not add materially to the present limited reserves.

The geology of the Copper World mine has been described in an unpublished report on the Ivanpah quadrangle by D. F. Hewett of the Geological Survey. The mine is in a block of Goodsprings dolomite that has been intruded by several sill-like bodies of quartz-monzonite. In general, the rocks dip about 30° southeasterly. Copper mineralization occurs as thin replacement lenses in dolomite adjacent to the quartz-monzonite sills.

Past production has been obtained almost entirely from a shallow open cut. However, a few hundred tons of ore probably was mined from the downdip extension of the surface ore in the ground above the main level. The total past production has been about 7,000 tons of hand-sorted ore.

According to Hewett, based upon mapping he did several years ago, there is no evidence exposed in the lower level workings to indicate the presence of an ore body of appreciable size.

From the available geological information there is no evidence which suggests that favorable drilling targets exist on the property. Also, this information does not indicate that a major block of low-grade ore has been developed or will be found in the area of the lower workings.

I recommend that the applicant's proposal be denied.

E. L. Newcomb

E. L. Newcomb
Geologist

2796

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

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

Not to be filled in by applicant

Docket No. Dmea - 2796
Metal or Mineral
Date Received 12-1-52
Estimated Cost
Participation (Government %)

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: Copper World Mining Co.,
605 South Hill St., Room 1015
Los Angeles 14, California

(*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. A California corporation

(*c*) If a corporation, add to above statement, titles, names and addresses of officers. See page 1 attached

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

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

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract See application to Defense Materials Procurement Agency filed November 14, 1951, Docket No. DMPA-2182, and supplemental Report thereon filed in support of said application March 1, 1952, to which reference is hereby made and the same incorporated herein by such reference.

(*b*) State any mine name by which the property is known Copper World, Dewey and Manilla claims

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

(*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. See contract attached to DMPA-2182

(*e*) If you own the land, describe any liens or encumbrances on it None except as above

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. See DMPA-2182

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. See DMPA-2182 and supplement

(*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. See DMPA-2182 and supplement

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points. See DMPA-2182 and supplement

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power See DMPA-2182 and supplement

16-66551-1

5. *The exploration proje* (*a*) State the mineral or minerals for which a wish to explore Copper

(*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. See page 2, etcetera, attached

(*c*) The work will start within 60 days and be completed within 3 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. See [illegible] page supple-ment

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: $46,211.60

(*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.). None

(*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. See page 2 attached

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel. See page 2 attached

(*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. See page 2 attached

(*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. None

(*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. None

(*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. See page 2, etc. attached

(*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. See page 2, etc. attached

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?

[XX] 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 November 29, 195 2

COPPER WORLD MINING CO.,
(Applicant)

By Herbert Cameron, President

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

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

Copper World Mining Co.
606 South Hill Street
Los Angeles, California

DMEA MF-103 Application
Dated November 29, 1952

1(c) Herbert Cameron, President 606 South Hill St., Los Angeles, Calif.

Louis Rosen, Vice President Long Beach, Calif.

James F. Collins, Secretary-Treasurer
606 South Hill St., Los Angeles, Calif.

3 Applicant's property rights (a)

Application number DMPA-2182 of Copper World Mining Co. was filed with the office of the Defense Materials Procurement Agency on November 14, 1951, Said application bearing date of November 9, 1951. Additional data was provided in support of this application from time to time. Most information contained in the original application filed November 14, 1951, referred generally to the "Copper World Claims". The Supplement Report filed on or about March 1, 1952, contained data on the "Dewey and Manilla Claims" and furnished additional information on the over-all type, character and proposed development and production. In both said application and supplement there is contained detailed description, assay data, engineering reports by Wattlington, who was General Manager and a Mining Engineer in charge of the mining operation conducted on this property in 1901 and 1902. His report should be analyzed in detail for reference to information on both the Copper World Claim and the Dewey and Manilla Claims, Marshall Draper, Percy Butler, both outstanding mining engineers, have been our associate mining engineers and have provided their reports on the property, copies of which are also included in DMPA-2182 and Supplement.

Subsequent to the filing of the application with DMPA a Field Team was assigned and in May, 1952, they conducted an inspection of said property and Mr. H. C. Miller, Regional Director of the Bureau of Mines, in San Francisco, California, submitted a report thereof. Subsequent to this report, pursuant to conferences and following said conferences the application number DMPA-2182 was denied with the recommendation that exploration should be conducted to verify information submitted by applicant which is shown to exist in the lower workings, to which said workings the Field Team was unable to gain access. Subsequently thereto, on or about September 23, 1952, the Reconstruction Finance Corporation informed applicant that said application for funds was denied.

Copper World Mining Co.
606 South Hill Street
Los Angeles, California

DMEA MF-103 Application
Dated November 29, 1952

5(b) The exploration project:

It is proposed that exploration work be done on the four patented lode mining claims by core drilling and rehabilitating old workings sufficient to permit examination and sampling; and by sampling surface out-crops and dumps.

To assure representative sampl s from surface trenching and pits from dumps, a crushing and sampling plant will be installed.

To insure maximum results from money budgeted, rented equipment will be used where such can be had at reasonable prices.

A budget of estimated costs of the proposed work, together with a blue print of a claim map showing core drill sites, are transmitted herewith.

Reference is made to maps in the Supplement Report referred to above, Exhibit "E" and the application file DMPA-2182.

6(b)	Supervision - Superintendent	(1)	@ $1,000/mo. - 3 mos.		$3,000.00
	Asst. "	(1)	@ $500/mo. - 3 mos.		1,500.00
	Labor - Helpers	(3)	@ $16/day - 66 days		3,168.00
	Bulldozer Opr.	(1)	@ $20/day - 66 days		1,320.00
	Mechanic	(1)	@ $15/day - 66 days		990.00
					$9,978.00
6(c)	Operating Materials and Supplies				
	Fuel, oil and parts		@ $21/day - 66 days		$1,386.00
	Water (not including drilling)		@ $4/day - 66 days		260.00
					$1,646.00
6(d)	Operating Equipment				
	D-8 130 Draw Bar	(1)	@ $920/mo. - 3 mos.		$2,760.00
	Straight Blade	(1)	@ 176/mo. - 3 mos.		628.00
	Crusher Plant and Accessory Equipment (rental)		@ 58/day - 66 days		3,828.00
	Core Drilling (not otherwise provided for)	4600 ft.	@ $5.00/ft.-		$7,216.00
					$23,000.00
6(g)	Miscellaneous				
	Analytical work, including Laboratory and Equipment		@ $950/mo. - 3 mos.		$1,050.00
	Accounting	(1)	@ $75/mo. - 3 mos.		325.00
	Workmen*s Compensation and Employers Liability Insurance and Payroll Taxes		@ $15.10/day - 66 days		996.60
					$2,371.60

Copper World Mining Co.
600 South Hill Street
Los Angeles, California

DMG HF-103 Application
Dated November 29, 1952

6(h) **Contingencies**

The elevation of the mine property is approximately 5,100 feet. During the winter months allowance must be made for contingencies of snow, rain and possible flood damage, requiring installation of facilities for workers, additional cost of road maintenance and increased costs due to delays. It is anticipated that in case of such contingencies a fund necessary to cover such items is - $3,000.00

GRAND TOTAL - - $46,211.60

It is proposed that this work will be carried by applicant under the supervision, management and direction of the company's Chief Engineer, James F. Collins, assisted by Associate Engineer and Mining Superintendent as assistant to Mr. Collins, Percy Butler.

Proposed sites of core drilled holes are shown on the attached blue print "Claim Map of Copper World Mine, Clark Mining District, San Bernardino, Calif."

Attention is called to the sampling of the porphyry dike and particularly the area of the Mineral Monument #35. Commencing at said Monument #35, ground samples were made from materials picked on the surface across the dike at approximately the elevation of the Monument. An assay of these samples, seven in number, average 5.7 per cent copper.

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration

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

Not to be filled in by applicant

Docket No. Dmea-2796
Metal or Mineral
Date Received 12-1-52
Estimated Cost
Participation (Government %)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 8 1952

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: Copper World Mining Co.,
606 South Hill St., Room 1015
Los Angeles 14, California

(*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. A California corporation

(*c*) If a corporation, add to above statement, titles, names and addresses of officers. See page 1 attached

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

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

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract. See application to Defense Materials Procurement Agency filed November 14, 1951, Docket No. DMPA-2182, and Supplemental Report thereof filed in support of said application dated March 1, 1952, to which reference is hereby made and the same incorporated herein by such reference.

(*b*) State any mine name by which the property is known. Copper World, Dewey and Manilla claims

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

(*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. See contract attached to DMPA-2182

(*e*) If you own the land, describe any liens or encumbrances on it None except as above

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. See DMPA-2182

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. See DMPA-2182 and supplement

(*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. See DMPA-2182 and supplement

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points. See DMPA-2182 and supplement

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power. See DMPA-2182 and supplement

16—66551-1

5. *The exploration project* [redacted] (*a*) State the mineral or minerals for which [redacted] wish to explore Copper

(*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. See page 2, etcetera, attached

(*c*) The work will start within 60 days and be completed within 3 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. See DMPA-2182 and supplement

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: $46,211.60

(*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.). None

(*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. See page 2 attached

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel. See page 2 attached

(*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. See page 2 attached

(*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. None

(*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. None

(*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. See page 2, etc. attached

(*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. See page 2, etc. attached

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?

[XX] 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 November 29, 2, 195__

COPPER WORLD MINING CO.,
(Applicant)

By Herbert Cameron, President

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

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

Copper World Mining Co.
606 South Hill Street
Los Angeles, California

DMEA MF-103 Application
Dated November 29, 1952

1(c) Herbert Cameron, President 606 South Hill St., Los Angeles, Calif.

Louis Rosen, Vice President Long Beach, Calif.

James F. Collins, Secretary-Treasurer
606 South Hill St., Los Angeles, Calif.

3 Applicant's property rights (a)

Application number DMPA-2182 of Copper World Mining Co. was filed with the office of the Defense Materials Procurement Agency on November 14, 1951, Said application bearing date of November 9, 1951. Additional data was provided in support of this application from time to time. Most information contained in the original application filed November 14, 1951, referred generally to the "Copper World Claims". The Supplement Report filed on or about March 1, 1952, contained data on the "Dewey and Manilla Claims" and furnished additional information on the over-all type, character and proposed development and production. In both said application and supplement there is contained detailed description, assay data, engineering reports by Wattlington, who was General Manager and a Mining Engineer in charge of the mining operation conducted on this property in 1901 and 1902. His report should be analyzed in detail for reference to information on both the Copper World Claim and the Dewey and Manilla Claims, Marshall Draper, Percy Butler, both outstanding mining engineers, have been our associate mining engineers and have provided their reports on the property, copies of which are also included in DMPA-2182 and Supplement.

Subsequent to the filing of the application with DMPA a Field Team was assigned and in May, 1952, they conducted an inspection of said property and Mr. H. C. Miller, Regional Director of the Bureau of Mines, in San Francisco, California, submitted a report thereof. Subsequent to this report, pursuant to conferences and following said conferences the application number D MPA-2182 was denied with the recommendation that exploration should be conducted to verify information submitted by applicant which is shown to exist in the lower workings, to which said workings the Field Team was unable to gain access. Subsequently thereto, on or about September 23, 1952, the Reconstruction Finance Corporation informed applicant that said application for funds was denied.

Copper World Mining Co.
606 South Hill Street
Los Angeles, California

DMEA MF-103 Application
Dated November 29, 1952

5(b) The exploration project:

It is proposed that exploration work be done on the four patented lode mining claims by core drilling and rehaabilitating old workings sufficient to permit examination and sampling; and by sampling surface out-crops and dumps.

To assure representative samples from surface trenching and pits from dumps, a crushing and sampling plant will be installed.

To insure maximum results from money budgeted, rented equipment will be used where such can be had at reasonable prices.

A budget of estimated costs of the proposed work, together with a blue print of a claim map showing core drill sites, are transmitted herewith.

Reference is made to maps in the Supplement Report referred to above, Exhibit "E" and the application file DMPA-2182.

6(b)	Supervision -	Superintendent	(1) @	$1,000/mo. -	3 mos.	$3,000.00
		Asst. "	(1) @	$500/mo. -	3 mos.	1,500.00
	Labor -	Helpers	(3) @	$16/day -	66 days	3,168.00
		Bulldozer Opr.	(1) @	$20/day -	66 days	1,320.00
		Mechanic	(1) @	$15/day -	66 days	990.00
						$9,978.00

6(c) Operating Materials and Supplies

Fuel, oil and parts2	@	$21/day -	66 days	$1,386.00
Water (not including drilling)	@	$4/day -	66 days	260.00
				$1,646.00

6(d) Operating Equipment

D-8 130 Draw Bar	(1)@	$920/mo. -	3 mos.	$2,760.00
Straight Blade	(1)@	176/mo. -	3 mos.	628.00
Crusher Plant and Accessory Equipment (rental)	@	58/day -	66 days	3,828.00
				$7,216.00
Core Drilling (not otherwise provided for)	4600 ft.@	$5.00/ft.-		$23,000.00

6(g) Miscellaneous

Analytical work, including Laboratory and Equipment	@	$950/mo. -	3 mos.	$1,050.00
Accounting	(1)@	$75/mo. -	3 mos.	325.00
Workmen*s Compensation and Employers Liability Insurance and Payroll Taxes	@	$15.10/day -	66 days	996.60
				$2,371.60

Copper World Mining Co.
606 South Hill Street
Los Angeles, California

DMEA MF-103 Application
Dated November 29, 1952

6(h) Contingencies

The elevation of the mine property is approximately 5,100 feet. During the winter months allowance must be made for contingencies of snow, rain and possible flood damage, requiring installation of facilities for workers, additional cost of road maintenance and increased costs due to delays. It is estimated that in case of such contingencies a fund necessary to cover such items is - - - - - - - - - - - - - - - - $3,000.00

GRAND TOTAL - - $46,21160

It is proposed that this work will be carried by applic nt under the supervision, management and direction of the company's Chief Engineer, James F. Collins, assisted by Associate Engineer and Mining Superintendent as assistant to Mr. Collins, Percy Butler.

Proposed sites of core drilled holes are shown on the attached blue print "Claim Map of Copper World Mine, Clark Mining District, San Bernardino, Calif."

Attention is called to the sampling of the porphyry dike and particularly the area of the Mineral Monument #35. Commencing at said Monument #35, ground samples were made from materials picked on the surface across the dike at approximately the elevation of the Monument. An assay of these samples, seven in number, average 5.7 per cent copper.

November 2, 1952

Mr. Herbert Cameron, President
Copper World Mining Company
606 South Hill Street
Room 1015
Los Angeles 14, California

Subject: DMEA-2796
Re: Copper, World, Dewey & Manilla Claims

My dear Mr. Cameron:

The receipt of your application dated November 29, 1952 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-2796 and referred to the Rare & Miscellaneous Metals Division.

Kindly refer to DMEA-2796 in any future correspondence relating to your application.

Sincerely yours,

Robert E. Adams, Chief
Operations Control and
Statistics Division

HERBERT CAMERON
ATTORNEY AT LAW
606 SOUTH HILL STREET
LOS ANGELES 14, CALIFORNIA

TELEPHONE: TRINITY 8191

CABLE ADDRESS: HERBCAM

Our File No.: 438

Washington, D. C.
November 29, 1952

Dmea - 2796

Mr. William Ernest Ellis, Chief
Rare and Miscellaneous Metals Division
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Department of the Interior
Defense Minerals Administration
- - 1952

Attention Mr. F. L. Knouse

Dear Sir:

Enclosed is original and three copies (four in all) of application for aid in an exploration project, filed on behalf of the Copper World Mining Co. of 606 South Hill St., Los Angeles 14, California.

You are hereby requested to direct all communications, notices and documents regarding this application to Herbert Cameron, 606 South Hill St., Los Angeles 14, California.

I was greatly appreciative for being afforded the opportunity of discussing our application with Mr. Knouse of your office on November 28, 1952, and am deeply grateful for his cooperation and assistance. Particularly am I pleased on the part of applicant and myself personally to learn that all of the papers, documents and data submitted to the Defense Material Procurement Agency including application number DMPA-2182 will be made available to your Department in considering the request herein filed.

Very truly yours,

Herbert Cameron
Chief Counsel

Enclosures 4

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 1 1952

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

Not to be filled in by applicant

Docket No. Dmea-2796
Metal or Mineral
Date Received 12-1-52
Estimated Cost
Participation (Government %)

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: Copper World Mining Co.,
606 South Hill St., Room 1015
Los Angeles 14, California

(*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. A California corporation

(*c*) If a corporation, add to above statement, titles, names and addresses of officers. See page 1 attached

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

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

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract See application to Defense Materials Procurement Agency filed November 14, 1951, Docket No. DMPA-2182, and Supplemental Report thereof filed in support of said application dated March 1, 1952, to which reference is hereby made and the same incorporated herein by such reference.

(*b*) State any mine name by which the property is known. Copper World, Dewey and Manilla claims

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

(*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. See contract attached to DMPA-2182

(*e*) If you own the land, describe any liens or encumbrances on it None except as above

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. See DMPA-2182

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. See DMPA-2182 and supplement

(*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. See DMPA-2182 and supplement

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points. See DMPA-2182 and supplement

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power. See DMPA-2182 and supplement

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

(*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. See page 2, etcetera, attached

(*c*) The work will start within 60 days and be completed within 3 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. See DMPA-2182 and supplement

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 $46,211.60

(*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.). None

(*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. See page 2 attached

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel. See page 2 attached

(*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. See page 2 attached

(*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. None

(*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. None

(*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. See page 2, etc. attached

(*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. See page 2, etc. attached

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?

[XX] 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 November 29, 1952

COPPER WORLD MINING CO.,
(Applicant)

By Herbert Cameron
Herbert Cameron, President

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

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

Copper World Mining Co.
606 South Hill Street
Los Angeles, California

DMEA MF-103 Application
Dated November 29, 1952

1(c) Herbert Cameron, President 606 South Hill St., Los Angeles, Calif.

Louis Rosen, Vice President Long Beach, Calif.

James F. Collins, Secretary-Treasurer
606 South Hill St., Los Angeles, Calif.

3 Applicant's property rights (a)

Application number DMPA-2182 of Copper World Mining Co. was filed with the office of the Defense Materials Procurement Agency on November 14, 1951, Said application bearing date of November 9, 1951. Additional data was provided in support of this application from time to time. Most information contained in the original application filed November 14, 1951, referred generally to the "Copper World Claims". The Supplement Report filed on or about March 1, 1952, contained data on the "Dewey and Manilla Claims" and furnished additional information on the over-all type, character and proposed development and production. In both said application and supplement there is contained detailed description, assay data, engineering reports by Wattlington, who was General Manager and a Mining Engineer in charge of the mining operation conducted on this property in 1901 and 1902. His report should be analyzed in detail for reference to information on both the Copper World Claim and the Dewey and Manilla Claims, Marshall Draper, Percy Butler, both outstanding mining engineers, have been our associate mining engineers and have provided their reports on the property, copies of which are also included in DMPA-2182 and Supplement.

Subsequent to the filing of the application with DMPA a Field Team was assigned and in May, 1952, they conducted an inspection of said property and Mr. H. C. Miller, Regional Director of the Bureau of Mines, in San Francisco, California, submitted a report thereof. Subsequent to this report, pursuant to conferences and following said conferences the application number D MPA-2182 was denied with the recommendation that exploration should be conducted to verify information submitted by applicant which is shown to exist in the lower workings, to which said workings the Field Team was unable to gain access. Subsequently thereto, on or about September 23, 1952, the Reconstruction Finance Corporation informed applicant that said application for funds was denied.

Copper World Mining Co.
606 South Hill Street
Los Angeles, California

DMEA MF-103 Application
Dated November 29, 1952

5(b) The exploration project:

It is proposed that exploration work be done on the four patented lode mining claims by core drilling and rehaabilitating old workings sufficient to permit examination and sampling; and by sampling surface out-crops and dumps.

To assure representative samples from surface trenching and pits from dumps, a crushing and sampling plant will be installed.

To insure maximum results from money budgeted, rented equipment will be used where such can be had at reasonable prices.

A budget of estimated costs of the proposed work, together with a blue print of a claim map showing core drill sites, are transmitted herewith.

Reference is made to maps in the Supplement Report referred to above, Exhibit "E" and the application file DMPA-2182.

6(b)	Supervision -	Superintendent	(1)	@ $1,000/mo. -	3 mos.	$3,000.00
		Asst. "	(1)	@ $500/mo. -	3 mos.	1,500.00
	Labor -	Helpers	(3)	@ $16/day -	66 days	3,168.00
		Bulldozer Opr.	(1)	@ $20/day -	66 days	1,320.00
		Mechanic	(1)	@ $15/day -	66 days	990.00
						$9,978.00

6(c) Operating Materials and Supplies

Fuel, oil and parts	@	$21/day -	66 days	$1,386.00
Water (not including drilling)	@	$4/day -	66 days	260.00
				$1,646.00

6(d) Operating Equipment

D-8 130 Draw Bar	(1)@	$920/mo. -	3 mos.	$2,760.00
Straight Blade	(1)@	176/mo. -	3 mos.	628.00
Crusher Plant and Accessory Equipment (rental)	@	58/day -	66 days	3,828.00
				$7,216.00
Core Drilling (not otherwise provided for)	4600 ft.@	$5.00/ft.-		$23,000.00

6(g) Miscellaneous

Analytical work, including Laboratory and Equipment	@	$950/mo. -	3 mos.	$1,050.00
Accounting	(1)@	$75/mo. -	3 mos.	325.00
Workmen*s Compensation and Employers Liability Insurance and Payroll Taxes	@	$15.10/day -	66 days	996.60
				$2,371.60

Copper World Mining Co.
606 South Hill Street
Los Angeles, California

DMEA MF-103 Application
Dated November 29, 1952

6(h) Contingencies

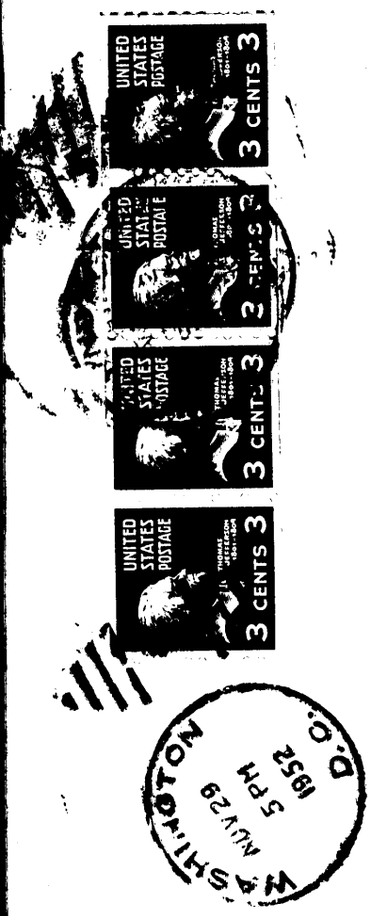
The elevation of the mine property is approximately 5,100 feet. During the winter months allowance must be made for contingencies of snow, rain and possible flood damage, requiring installation of facilities for workers, additional cost of road maintenance and increased costs due to delays. It is estimated that in case of such contingencies a fund necessary to cover such items is - - - - - - - - - - - - - - - - $3,000.00

GRAND TOTAL - - $46,211.60

It is proposed that this work will be carried by applic nt under the supervision, management and direction of the company's Chief Engineer, James F. Collins, assisted by Associate Engineer and Mining Superintendent as assistant to Mr. Collins, Percy Butler.

Proposed sites of core drilled holes are shown on the attached blue print "Claim Map of Copper World Mine, Clark Mining District, San Bernardino, Calif."

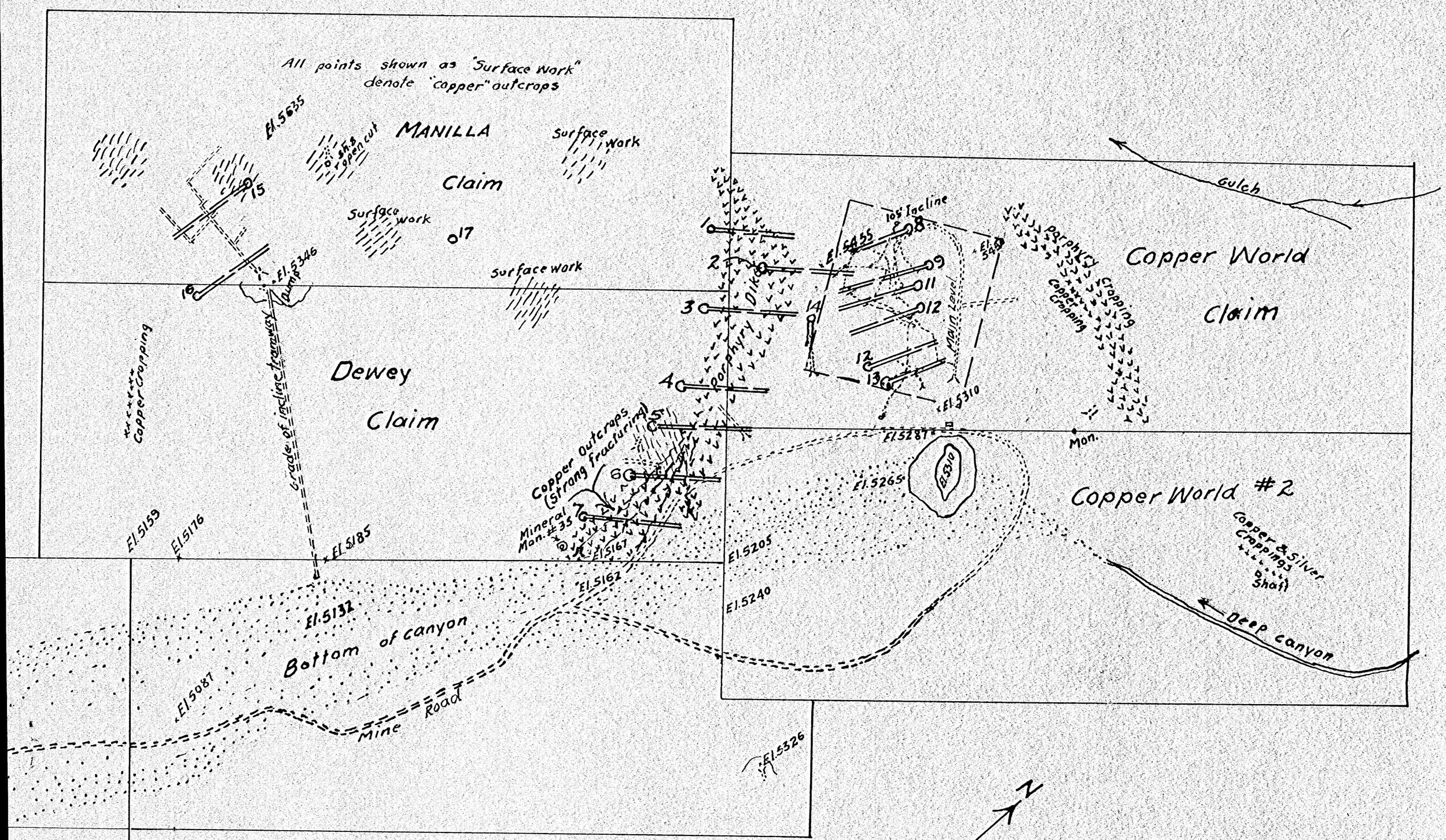
Attention is called to the sampling of the porphyry dike and particularly the area of the Mineral Monument #35. Commencing at said Monument #35, ground samples were made from materials picked on the surface across the dike at approximately the elevation of the Monument. An assay of these samples, seven in number, average 5.7 per cent copper.



Mr. Ernest William Ellis, Chief
Rare and Miscellaneous Metals Division
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

First Class

HERBERT CAMERON
ATTORNEY AT LAW
606 SOUTH HILL STREET
LOS ANGELES 14, CALIFORNIA



Proposed Core-drill hole sites – Bottom horizon El. 5150 ±

Claim Map
COPPER WORLD MINE
Clark Mining Dist.
San Bernardino County
California
Scale 1" = 200'
3/1/52