DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

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DMA Docket No. 3480

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Cys to USBM, USGS, & Reg.

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To:	500	Date	9/13/54
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File Copy
Surname

J. Alt
Trainoldy
Hedges
Kilsgaard
Selfridge
Johnson

UNITED STATES
DEPARTMENT OF THE INTERIOR 500
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

APR - 7 1955

Mr. Eugene C. King, Jr.
Box 513
Purvis, Mississippi

Re: Docket No. DMEA-3480 (Copper)
Eugene C. King, Jr.
Dollar Claims
San Bernardino County, California

Dear Mr. King:

Your application for aid for an exploration project and other reports available to us in Washington concerning your application have been reviewed.

Projects approved by the Defense Minerals Exploration Administration must, in its judgment, show definite promise of yielding materials of acceptable grade in quantities that will significantly improve the mineral supply position for the National Defense Program.

Careful study of all our information, although noting a small amount of marginal ore on your property, indicates to us that the probability of disclosing minable ore reserves by your proposed program is not sufficiently promising to justify Government participation. We regret to advise you, under these circumstances, that your application for exploration assistance is denied.

As requested, we are returning the two copies of a map of San Bernardino County, California.

We wish to thank you for your interest in the Defense Minerals Program and for bringing your property to our attention.

Sincerely yours,

C. O. Mittendorf (for)
Administrator

JWAlt/er 4/5/55
Copies to: Docket
Region II, (2)
Admr R. File
Op. Committee
Base Metals
Mr. Volin, USBM
Mr. Kiilsgaard, USGS
Chron.

Enclosures

R.C.S.

UNITED STATES
DEPARTMENT OF THE INTERIOR 500
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

April 5, 1955

Memorandum

To: The Administrator

From: Chief, Base Metals Division

Subject: Denial of Application, Docket No. DMEA-3480 (Copper), Eugene C. King, Jr., Dollar Claims, San Bernardino County, California

The cited application, dated September 8, 1954, was received by this office on September 13, 1954. On September 27, 1954, we wrote to the Applicant for additional information. On November 9, 1954, we received some of the information that we had requested.

On November 26, 1954, we wrote to the Executive Officer of Region II, requesting an examination of this property with their report and recommendations.

The Field Team visited and examined the property on February 16 and 17, 1955. Their report and recommendations, after being reviewed by the Operating Committee, were received by this office on March 28, 1955.

The Applicant proposed to sink an incline shaft 100 feet deep through a north-dipping zone of siliceous breccia to cut other parallel brecciated zones inferred to lie beneath the exposed zone. About 100 feet below surface, the shaft is expected to intersect an enriched ore zone formed by the leaching and concentration of copper minerals from the surface cropping.

The Field Team states: "No evidence to substantiate these inferences was seen during the examination. It is concluded that the project has little or no merit. It is recommended that the request for Government aid for exploration of the property be denied."

Assays of Field Team samples show low grade copper mineralization on the property.

The Field Team also stated that the Applicant, Mr. Eugene C. King, Jr., lacked both capital for his share of an exploration loan and operating ability.

We concur with the recommendations of the Field Team and the Commodity members of the USGS and the USBM that this application be denied.

W. R. Griswold

W. R. Griswold

File Copy
Surname
J. W.

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DEPARTMENT OF THE INTERIOR 500
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

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JWALT/er
Copy to: Docket
Base Metals
Chron.

W. R. Griswold

W. R. Griswold

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

APR - 4 1955

April 1, 1955

Memorandum

To: W. R. Griswold
Chief, Base Metals Division, DMEA

From: J. H. Hedges, Bureau of Mines

Subject: DMEA-3480 (Copper) Eugene C. King, Jr., Dollar Claims, San Bernardino County, California

The examiners found no evidence to support the inference that significant copper mineralization might exist on the property. Samples from vein exposures contained very little copper and only traces of gold and silver.

I concur with the field team's recommendation that the application be denied.

J. H. Hedges

J. H. Hedges

Copy to: Miss Meyer, Room 3623
Division of Minerals
J. H. Hedges

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

April 1, 1955

Memorandum

To: W. R. Griswold
Chief, Base Metals Division, DMEA

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Division of Minerals
J. H. Hedges

IN REPLY REFER TO:

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

March 31, 1955

Re: DMEA-3480
E. C. King, Jr.
(Dollar Claims)
San Bernardino Co.,
Calif.
$54,380 - Copper

Memorandum

To: W. R. Griswold, Defense Minerals Exploration Administration

From: E. L. Newcomb, U. S. Geological Survey

Subject: Review of Field Team examination report

The Field Team has recommended the applicant's proposal be denied.

Assays of Field Team samples are low grade and representative for the limited amounts of copper mineralization exposed on the property.

The old workings are inaccessible but reports of past production confirm the fact that only trace amounts of copper are present at depth. These claims have produced gold and silver ore, but there is no geologic evidence which suggests further exploration for copper is warranted.

I concur with the Field Team's conclusions and recommend this application be denied.

E. L. Newcomb
E. L. Newcomb

IN REPLY REFER TO:

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

March 31, 1955

Re: DMEA-3460
E. C. King, Jr.
(Ballar Claims)
San Bernardino Co.,
Calif.
$54,360 - Copper

Memorandum

To: W. E. Griswold, Defense Minerals Exploration Administration

From: E. L. Newcomb, U. S. Geological Survey

Subject: Review of Field Team examination report

The Field Team has recommended the applicant's proposal be denied.

Assays of Field Team samples are low grade and representative for the limited amounts of copper mineralization exposed on the property.

The old workings are inaccessible but reports of past production confirm the fact that only trace amounts of copper are present at depth. These claims have produced gold and silver ore, but there is no geologic evidence which suggests further exploration for copper is warranted.

I concur with the Field Team's conclusions and recommend this application be denied.

E. L. Newcomb

ELNewcomb:hlm
G-3/31/55

Copy to: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
M. E. Volin, 3619 Interior

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

3/28/55 - Received by [illegible]

1605 Evans Avenue
Reno, Nevada

March 17, 1955

Memorandum

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMEA-3480 - Copper
Eugene C. King, Jr.
Dollar Claims
San Bernardino County, California

Reference is made to your letter of November 26, 1954 in which you referred above subject application to us for field examination and recommendation.

Attached are four copies of a report DMEA-3480, Dollar Claims, San Bernardino County, California (Copper) by B. H. Sheahan, mining engineer, U. S. Bureau of Mines, and E. H. Pampeyan, geologist, U. S. Geological Survey, dated March 15, 1955.

The report concludes that there is no geological evidence that indicates the possibility of discovering ore deposits on the claims and recommends that the request for a DMEA exploration loan be denied.

Roscoe Smith and I concur with the recommendations.

S. Ricker

Attachments

Reviewed by
DMEA OPERATING COMMITTEE
3-25-55
(date)

MAR 21 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR
DOUGLAS McKAY, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BM FIELD TEAM
REGION II

DMEA-3480, Dollar Claims

San Bernardino County, California

(Copper)

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

E. H. Pampeyan, Geologist
U. S. Geological Survey

March 15, 1955

Reviewed by
DMEA OPERATING COMMITTEE
3-25-55
(date)

MAR 21 1955

EXAMINATION REPORT

Docket No.: DMEA-3480 (Copper)

Name and address of applicant: Eugene C. King, Jr.,
P. O. Box 513
Purvis, Mississippi

Name and location of property: Dollar Claims
San Bernardino County, Calif.

SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

The Dollar claims are a gold-silver-copper prospect located in the Buckeye Mining District about 1.3 miles southwest of the Bagdad Chase mine near Ludlow, Calif. The property was first explored early in the 1930's by Mr. William F. Gordon, a retired mining engineer now residing at Ludlow.

Mr. Eugene C. King, Jr., the applicant for exploration assistance, relocated the property in February 1954. Mr. King lacked both capital and operating ability for his share of an exploration loan which he applied for in September 1954. Underground workings were inaccessible and had never been examined by Mr. King.

The Applicant proposes to sink an inclined shaft 100 feet deep through a north-dipping zone of siliceous breccia to cut other parallel brecciated zones inferred to lie beneath the exposed zone. About 100 feet below the surface, the shaft is expected to intersect an enriched ore zone formed by the leaching and concentration of copper minerals from the surface croppings.

No evidence to substantiate these inferences was seen during the examination. It is concluded that the project has little or no merit. It is recommended that the request for Government aid for exploration of the property be denied.

TIME SPENT ON PROPERTY

The mine property was examined on February 16 and 17, 1955 by the DMEA field team accompanied by Mr. Eugene C. King, Jr., the applicant.

NAME AND LOCATION OF PROPERTY

The property was named the Dollar claims by the applicant. The claims are located in sec. 7, T. 6 N., R. 8 E., S.B.B.&M. in the Buckeye Mining District, San Bernardino County, Calif. The applicant's property can be reached from Ludlow, Calif., by following a fair dirt road southerly 9.3 miles through Steadman, Calif.

The property is situated 1.3 miles southwest of the Bagdad Chase mine in the Bullion Mountains at an altitude of 2750 feet (see figs. 1 and 2).

ACCESSIBILITY

The dirt road from Ludlow, Calif. to the old mining camp of Steadman, Calif. at the Bagdad Chase mine is open practically all year. The road leading southwesterly, 1.3 miles from Steadman to the claims, is but little more than a trail; the claims can be reached by automobile.

COMPETENCY OF APPLICANT

Mr. Eugene C. King, Jr. is a construction worker and masonry contractor. He has had very little mining experience and was considered incompetent to supervise the work which he had proposed.

The financial responsibility of the applicant was poor. He lacked both money and equipment to provide his share of the requested DMEA loan. Mr. King said that he owned a small hoist and air compressor, both of which were located in Purvis, Miss.

APPLICANT'S PROPERTY RIGHTS

Mr. Eugene C. King, Jr. relocated the claims in February 1954. The two claims mentioned in his docket application include the Dollar No. 1 and Dollar No. 2, which were reported to be recorded in Book 337, pages 37 and 38, at the San Bernardino County recorder's office. Mr. King also reported that he had staked four additional claims known as the King No. 1, King No. 2, Hard Rock No. 1 and Hard Rock No. 2. These additional claims adjoin the northwest end of the two Dollar claims.

DESCRIPTION OF PROPERTY

There are no surface facilities at the property. The only surface improvements that remain included the ruins of an old headframe and an ore bin at a 100-foot incline shaft on the Dollar No. 1 claim (see fig. 2).

The underground workings were not accessible and had never been examined by the applicant. A further description of these workings was obtained from a former owner of the property. A description of the workings is included under Past Operations.

There is no operating equipment on the property.

SAMPLING

The following samples were taken from the property at locations indicated on figure 2:

Sample No.	%, Cu	Oz. Ag/T	Oz. Au/T	Remarks
S-338	0.09	Trace	Trace	3-foot channel cut.
S-339	0.47	"	"	1-foot channel cut.
S-340	0.15	"	"	4-foot channel cut.
S-341	0.03	"	"	4-foot channel cut.

GEOLOGY

The Dollar claims are in an area covered by Tertiary volcanic flows consisting of an upper layer of dacite, an intermediate rhyolite and a lower andesite. A layer of dark green silicified breccia 30 feet thick occurs at the base of the dacite (fig. 2). The volcanic rocks, including the breccia, appear to dip 20 to 26 degrees to the north. An apparent horizontal offset of about 400 feet was mapped along a fault at the edge of the area. Traces of copper minerals can be found locally associated with the dacite and silicified breccia.

ORE DEPOSITS

No ore was seen on the property. Minute amounts of malachite, chrysocolla and cuprite were found locally in and near the top of the breccia. Some cuprite was also found as thin films coating fracture surfaces in the dacite near the site of the proposed shaft (fig. 2). The host rocks are unaltered and contain no other signs of mineralization.

Three inclined shafts, two of which explore the contact between rhyolite and dacite, were seen on the property. There has been no production of copper ore from this property.

ORE RESERVES

There are no measured, indicated or inferred ore reserves.

PAST OPERATIONS

The applicant was not familiar with the history of the property. Mr. William F. Gordon, a retired mining engineer of Ludlow, Calif., has spent about 50 years in the district. According to Mr. Gordon, the Dollar claims, formerly known as the Barytes Queen claims, were located in 1930. Mr. Gordon stated that he sunk the prospect shafts and drove a few hundred feet of underground workings, most of which are now caved.

Mr. Gordon stated that approximately 150 tons of gold-silver ore was produced from 1930 to 1935 which contained a gross value of $17.00 per ton. The ore was described as being a very irregular occurrence with only traces of copper. All of the gold-silver orebody was mined.

MANPOWER, SUPPLIES, ETC.

There is not an available supply of labor in the district. The nearest source of labor and supplies is Barstow, Calif., 60 miles by road west of the property. The prevailing wage scale is $16.00 per day.

There is no available supply of water, electric power, or timber on the property. Ludlow, Calif., a station on the Santa Fe Railroad, is the nearest shipping point. Water for domestic use was hauled from Ludlow and Newberry, Calif.

PROPOSED EXPLORATION

The applicant believes that thrust faulting has superimposed three or more segments of the breccia layer, that the exposed breccia has been leached of its copper minerals and that these have been redeposited down dip in other layers of the siliceous breccia. He proposes to sink a steeply inclined shaft through the exposed layer to reach the underlying copper-enriched layers. He estimates the shaft would have to be about 100 feet deep to intersect the first favorable zone, and proposes that it be collared in a small wash.

The applicant's proposal may have some good points, but there is no geological evidence on which to base such a program. There is no evidence of thrust faulting and no indication that the breccia layer has been "stacked up" by thrust faulting, nor is there any indication that the breccia is a favorable ore horizon. The proposed shaft site (fig. 2)

is poorly chosen as dump space would be a problem and possible rains could flood the shaft.

It was suggested to the applicant that some prospecting be done on this property before an exploration loan is requested. Perhaps, a small prospect shaft sunk on the showing of cuprite (fig. 2) or a hole drilled into the brecciated zone near the proposed shaft site might reveal some evidence on which to base an exploration program. Until some satisfactory geological evidence is found, it is recommended that the applicant's request for a DMEA loan be denied.

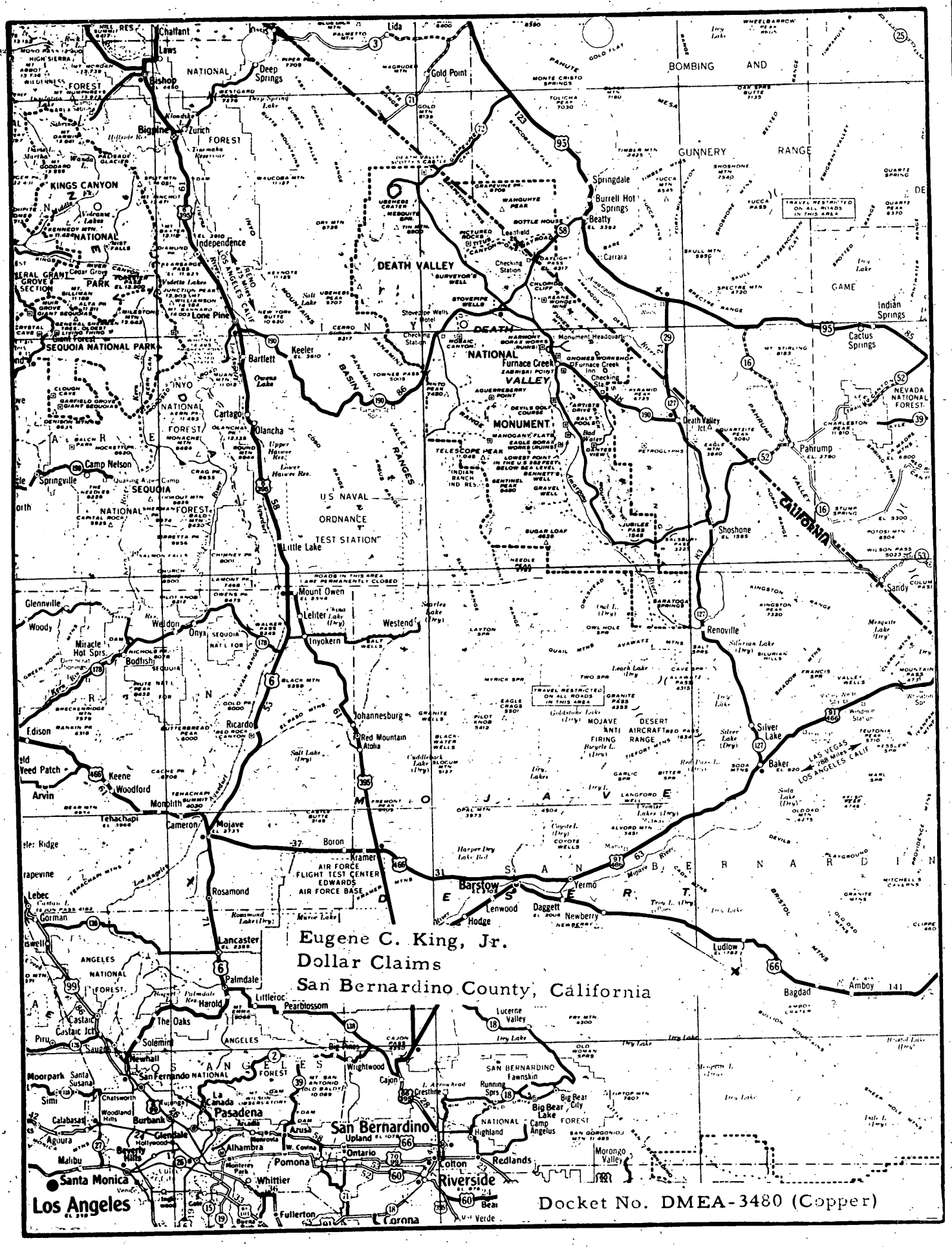
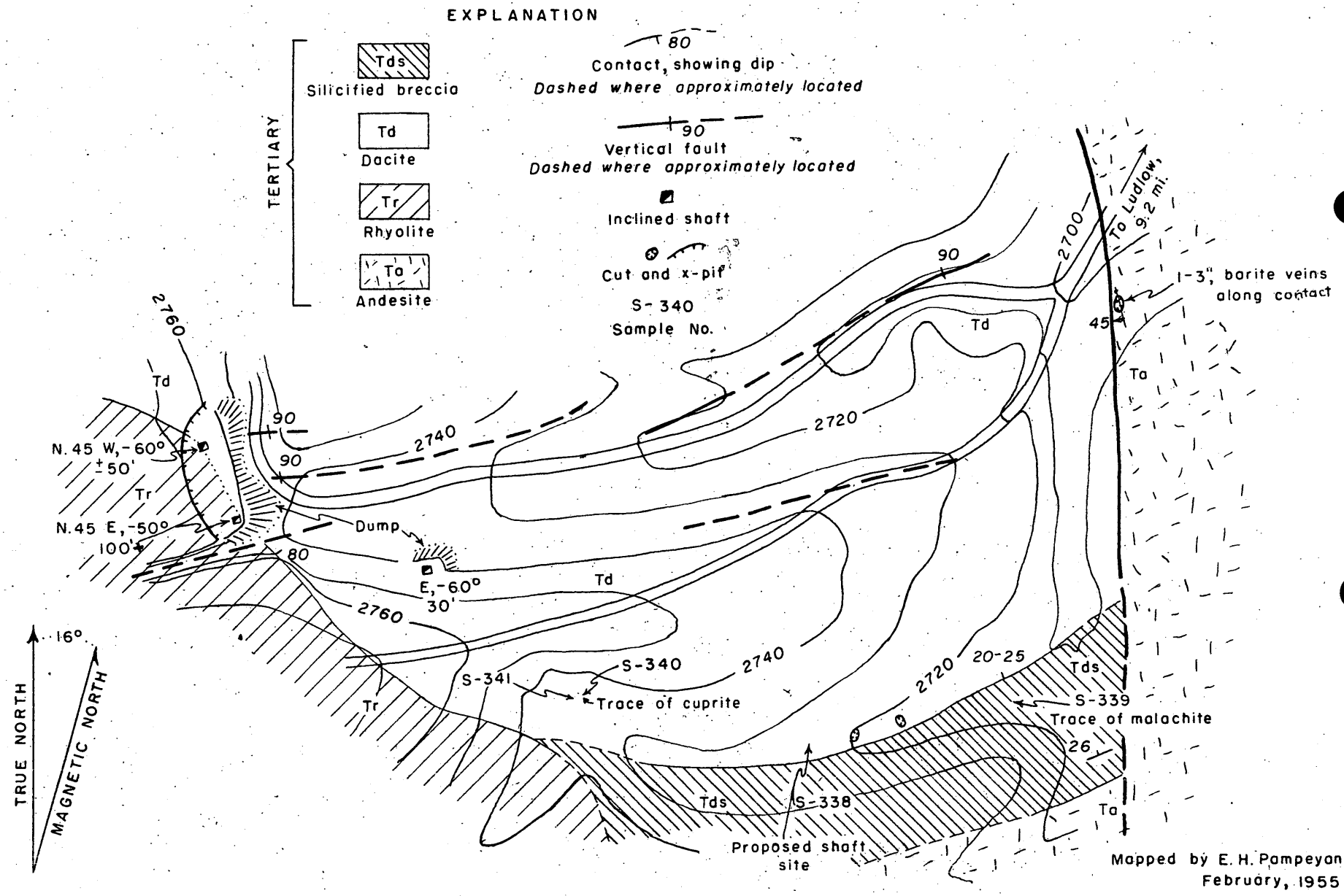


Figure 2

FIG. 1 LOCATION MAP

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA 3480
(COPPER)



Mapped by E. H. Pampeyan
February, 1955

DOLLAR CLAIMS, SAN BERNARDINO COUNTY, CALIFORNIA

100 0 100 200 FEET

Figure 2

1605 Evans Avenue
Reno, Nevada

March 17, 1955

Memorandum

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMEA-3480 - Copper
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Dollar Claims
San Bernardino County, California

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The report concludes that there is no geological evidence that indicates the possibility of discovering ore deposits on the claims and recommends that the request for a DMEA exploration loan be denied.

Roscoe Smith and I concur with the recommendations.

S. Ricker

Attachments

SRicker:gh
cc: H. C. Miller
R. M. Smith
File

UNITED STATES
DEPARTMENT OF THE INTERIOR
DOUGLAS McKAY, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION II

DMEA-3480, Dollar Claims

San Bernardino County, California

(Copper)

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

E. H. Pampeyan, Geologist
U. S. Geological Survey

March 15, 1955

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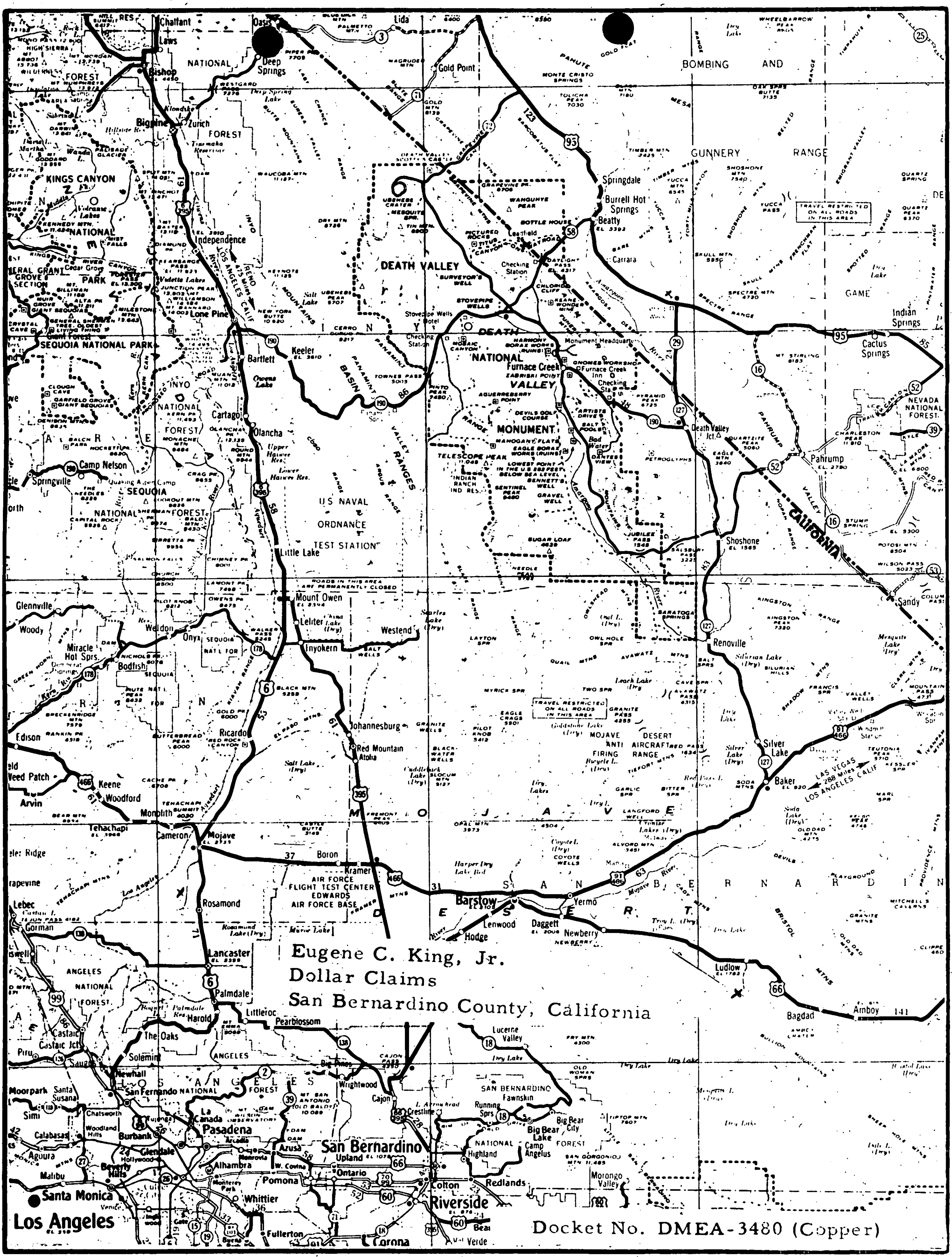
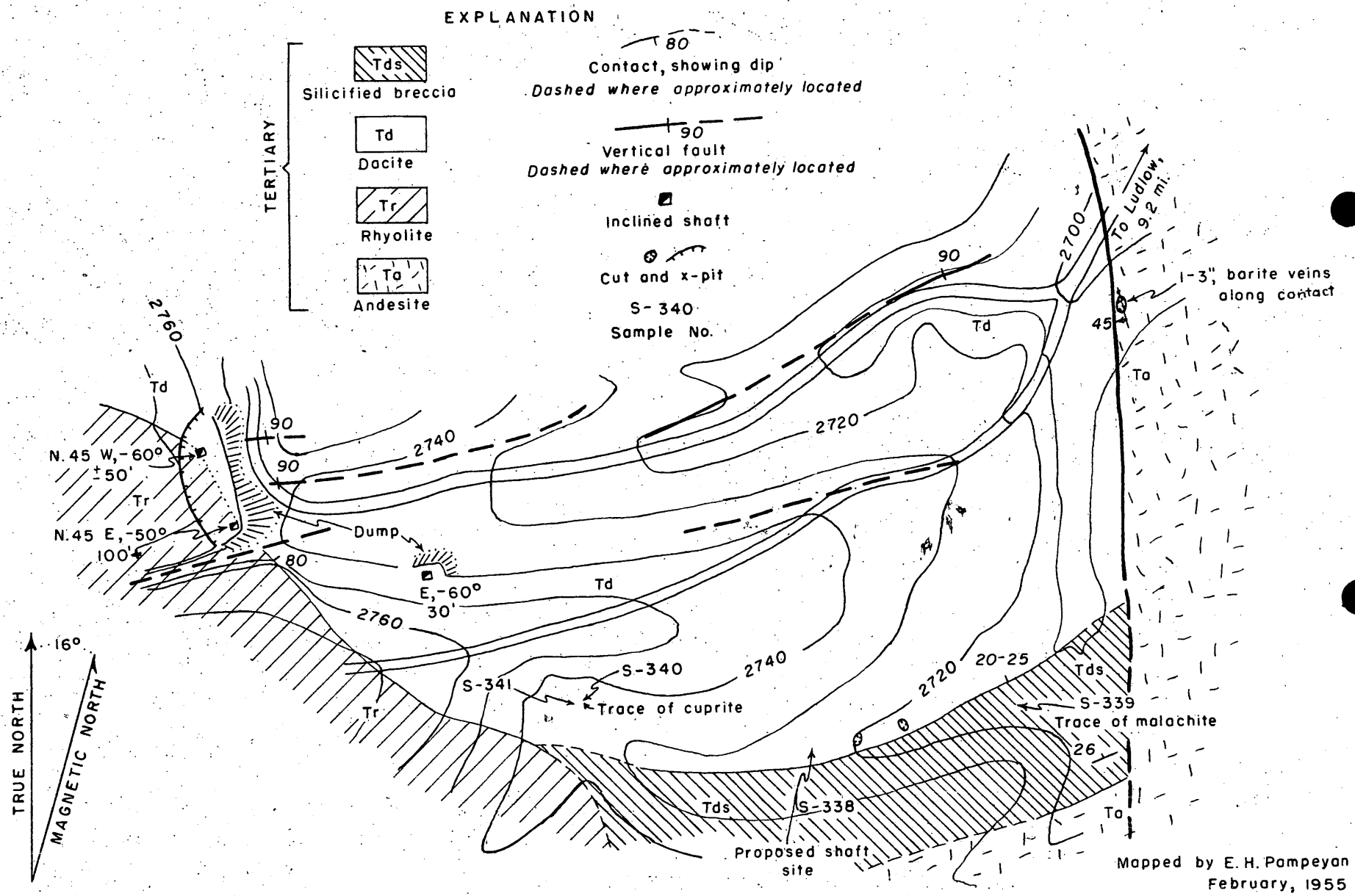


FIG. I LOCATION MAP

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA 3480
(COPPER)



DOLLAR CLAIMS, SAN BERNARDINO COUNTY, CALIFORNIA

Figure 2

File Copy
Surname
J. Alt.
Kiilsgaard
Hedges
Selfridge
J. Johnson

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

NOV 26 1954

Mr. Eugene C. King, Jr.
Box 513
Purvis, Mississippi

Re: Docket No. DMEA-3480 (Copper)
Eugene C. King, Jr.
Dollar Claims
San Bernardino County, California

Dear Mr. King:

Your application for Government assistance to explore your property has been reviewed by the Base Metals Division of the Defense Minerals Exploration Administration, and has been referred for a field examination to:

Mr. Spangler Ricker, Executive Officer
DMEA Field Team, Region III
420 Custom House
555 Battery Street
San Francisco 11, California

The Regional Office will contact you at an early date as to when an examination is to be made. Any assistance that you may give the members of the Field Team during the examination will be appreciated.

Sincerely yours,

C. O. Mittendorf

Administrator

JWAlt/er 11/23/54

Copy to: Docket
Admr R File
Op. Committee
Base Metals
Mr. C. H. Johnson, USBM
Mr. Kiilsgaard, USGS
Chron.
Region III (2)

R.C.G.

File Copy
Surname
J. Alt
Johnson
Selfridge
Fahrman
Matthews

UNITED STATES
DEPARTMENT OF THE INTERIOR 500
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

NOV 26 1954

Mr. Spangler Ricker, Executive Officer
DMEA Field Team, Region III
420 Custom House
555 Battery Street
San Francisco 11, California

Re: Docket No. DMEA-3480 (Copper)
Eugene C. King, Jr.
Dollar Claims
San Bernardino County, California

Dear Mr. Ricker:

A review of the cited application, of which you have a copy, indicates that an examination of the property is necessary. Will you please have such an examination made and submit your report and recommendations to us.

Enclosed are copies of memorandums from the Commodity members, R. D. Trace, USGS, dated September 16 and November 19, 1954, and C. H. Johnson, USBM, dated September 14 and November 19, 1954. Also enclosed are copies of additional information which was recently received from the Applicant.

Sincerely yours,

George C. Selfridge By ESF
Chairman, Operating Committee

JWAlt/er 11/23/54

Enclosures

APPROVED:

J. H. Hedges By ESF
Member, Bureau of Mines

Thor H. Kiilsgaard By ESF
Member, Geological Survey

Copy to: Docket
Admr R File
Op. Committee
Base Metals
Mr. C. H. Johnson, USBM
Mr. Kiilsgaard, USGS
Chron.

R.C.S.

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

November 19, 1954

Memorandum

To: W. R. Griswold, DMEA

From: C. H. Johnson, Bureau of Mines

Subject: DMEA-3480 (Copper) Eugene C. King, Dollar Claims, San Bernardino County, California

I have reviewed Mr. King's communication of about November 8, replying to your letter of inquiry dated September 27. He gives the analysis of a sample taken "all along the surface of the outcrop", the only one he has taken, which contained 0.7 percent copper, 0.01 ounces gold and 0.27 silver, and shows by a sketch that he proposes to sink a vertical shaft to intersect the vein at depth. There is no apparent justification for prospecting or exploring this showing, and the applicant gives no evidence of competence to direct a project personally, as he proposes to do. My inclination would be to deny the application, on the usual grounds. However, as he does give evidence of the presence of copper mineralization, I shall not object if you feel that policy requires a field examination be made.

The application and additional material supplied by Mr. King are returned herewith.

C. H. Johnson

C. H. Johnson

Attachment

Copy to - T. H. Kiilsgaard, USGS
Minerals Division
C. H. Johnson
Files

IN REPLY REFER TO:

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 22 1954

November 19, 1954

Memorandum

REVIEW OF ADDITIONAL INFORMATION ON APPLICATION DMEA-3480 (Copper)

To: W. R. Griswold, Defense Minerals Exploration Administration

From: R. D. Trace, U. S. Geological Survey

Applicant's name and address: Eugene C. King, Box 513, Purvis, Miss.

Name of property: Old Barites Mine (Dollar claims)

Location of property: Sec. 7, T. 6 N., R. 8 E., San Bernardino Co., California

Summary of applicant's proposal: Sink shaft 100 feet.

Comments: Outside of the 0.7 percent copper assay, we still have no information.

RECOMMENDATION: See my memo of September 16, 1954.

RDTrace

R. D. Trace

IN REPLY REFER TO:

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

Department of the Interior
Defense Minerals Administration
RECEIVED
NOV 22 1954

November 19, 1954

Memorandum

REVIEW OF ADDITIONAL INFORMATION ON APPLICATION DMEA-3430 (Copper)

To: W. E. Griswold, Defense Minerals Exploration Administration

From: R. D. Trace, U. S. Geological Survey

Applicant's name and address: Eugene C. King, Box 513, Purvis, Miss.

Name of property: Old Baritez Mine (Dollar claims)

Location of property: Sec. 7, T. 6 N., R. 8 E., San Bernardino Co., California

Summary of applicant's proposal: Sink shaft 100 feet.

Comments: Outside of the 0.7 percent copper assay, we still have no information.

RECOMMENDATION: See my memo of September 16, 1954.

R. D. Trace

RDTrace:hlm
G-11/19/54

Copy to: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
C. H. Johnson, 3621

I only have one assay certificate of the outcrop as I haven't gone underground any. This assay was taken all along the length of the outcrop surface. As you can see - It is badly leached - as all the other outcrops are at the old mines in the district.

DMEA-3480 (copper)

E.C. KING JR.

PURVIS, MISS

FORM 505—20M—9-53—MCGREW PRINTERY

PROPERTY OF THE INTERIOR
Bureau of Mines
Minerals Administration
RECEIVED
NOV 8 - 1954

AMERICAN SMELTING AND REFINING COMPANY

HAYDEN PLANT

ASSAY CERTIFICATE

DATE ASSAYED 5-12 1954

MARKED Handsample AS & R #1102 Rudlow

Lot No.	GOLD Ounces Per Ton	SILVER Ounces Per Ton	LEAD %	COPPER %	Ins. %	SiO_2 %	Fe %	Mn %	CaO Total %	Ni %	Zn %	S %	Al_2O_3 %	Sb Bi
	0.01	0.27		0.7	72.5	68.4	5.5		5.2			—	6.8	

RECEIVED
MAY 14 1954
REED F. WELCH

AMERICAN SMELTING AND REFINING COMPANY

By ..... Assayer

..... Chemist

6. In regards to the cost of the project - after looking over my equipment and finding it in pretty bad shape for operation, I will contract the shaft for $40.00 per. ft. This will include everything that is required.

I also will be there at all times to supervise and keep things on the ball.

D.M.E.A.-3480 (COPPER)

E. C. KING JR.

PURVIS, MISS

5(b) I propose to sink a shaft to hit the outcrop as it continues underground at about a 45° dip north. I think that about 100 ft will contact the ore body, and also this level should be the altered ore or secondary enriched zone.

These ore bodies or segments are laying in a saw tooth arrangement.

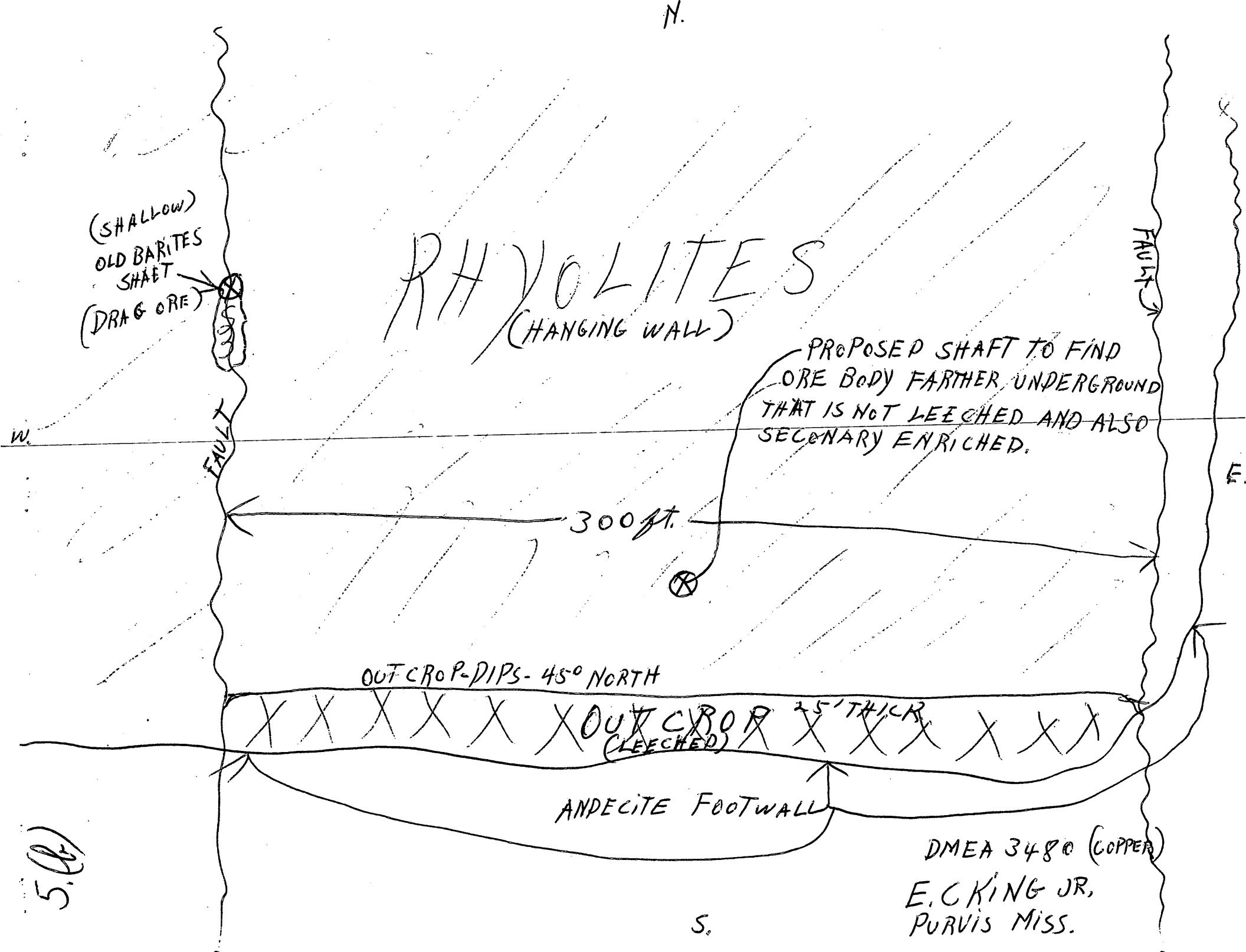
The Old Boiler shaft exposed some drag ore that was deposited along the fault when the north and south thrust pushed these segments into their dipped or saw toothed arrangement.

To understand this more clearly - refer to my geology of the district - 4(c)

attached is a sketch of my proposed work - as you will see - these ore bodies lay between two faults - which brope them into corridors.

DMEA-3480 (COPPER)

E.C. KING JR
PURVIS, MISS


N.
(SHALLOW)
OLD BARITES
SHAFT
(DRAG ORE)
RHYOLITES
(HANGING WALL)
FAULT
PROPOSED SHAFT TO FIND
ORE BODY FARTHER UNDERGROUND
THAT IS NOT LEECHED AND ALSO
SECONARY ENRICHED.
W.
FAULT
E.
300 ft.
OUTCROP-DIPS- 45° NORTH
OUTCROP 25' THICK
(LEECHED)
ANDECITE FOOTWALL
DMEA 3480 (COPPER)
E. C KING JR.
PURVIS MISS.
S.

5.(2)

I only have one assay certificate of the outcrop - as I haven't gone underground any. This assay was taken all along the surface of the outcrop.

As you can see - its badly leached as all the outcops are - at the old mines of the district.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 8 - 1954

am sending the original assay copy with these papers - so here is its contents -

GOLD %	SILVER %	COPPER %	INS %	SIO %	FE %	CAO %
0.01	0.27	0.7	72.5	68.4	5.5	5.2

DMEA-3480 (COPPER)
E.C. KING JR
PURVIS MISS

6. In regards to the cost of the operation — after looking over my equipment and finding it in pretty bad shape for operation — I will contract the shaft for $40.00 per ft. This will include everything that is required

I also will be there to supervise and keep things on the ball.

DMEA-3480 (COPPER)

E.C. KING JR.

PURVIS, MISS

5.(l) I propose to sink a shaft down to hit the outcrop as it continues on about a 45° dip I think that about 100 FT. will contact the ore body and also about this level should be the altered ore or secondary enriched zone.

These ore bodies, or segements, are laying in a saw tooth arrangement.

The Old Baites shaft exposed some drag ore that was deposited along the fault when the north and south thrust fault pushed these segments in ~~in~~ the dipped or sawtoothed arrangement.

To understand this more clearly - Refer to Geology on the distruct 4.(C)

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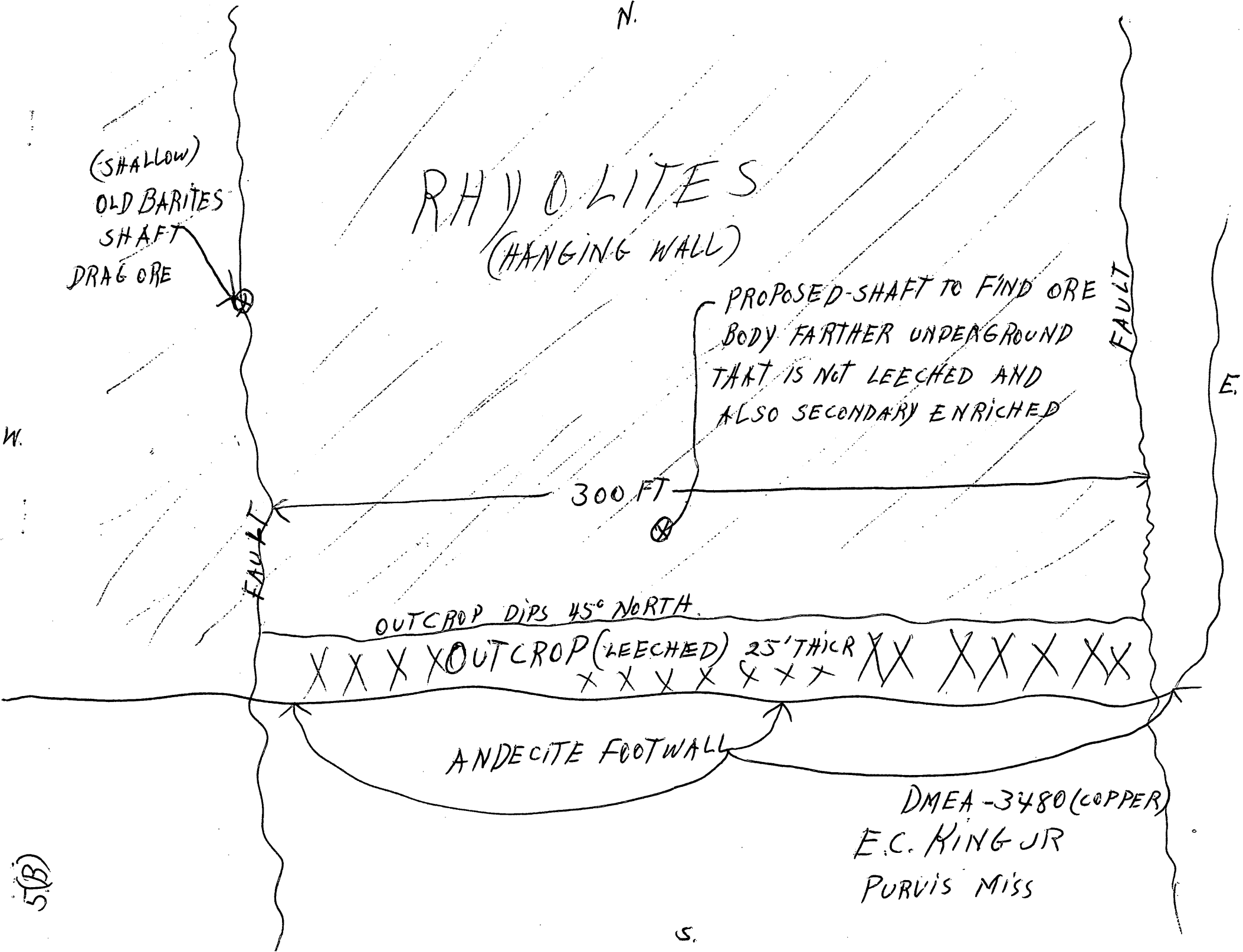
DMEA-3480 (COPPER)

E.C. KING JR.

PURVIS, MISS


N.
(SHALLOW)
OLD BARITES
SHAFT
DRAG ORE
RHYOLITES
(HANGING WALL)
PROPOSED-SHAFT TO FIND ORE
BODY FARTHER UNDERGROUND
THAT IS NOT LEECHED AND
ALSO SECONDARY ENRICHED
FAULT
E.
W.
300 FT
FAULT
OUTCROP DIPS 45° NORTH.
OUTCROP (LEECHED) 25' THICK
ANDECITE FOOTWALL
DMEA-3480 (COPPER)
E.C. KING JR
PURVIS MISS
5(B)
S.

File Copy
Surname

J.W. Alr

UNITED STATES
DEPARTMENT OF THE INTERIOR 500
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

SEP 27 1954

Mr. Eugene C. King, Jr.
Box 513
Purvis, Mississippi

Re: Docket No. DMEA-3480 (Copper)
Eugene C. King
Dollar Claims
San Bernardino County, California

Dear Mr. King:

Your application for Government exploration assistance has been reviewed by the Base Metals Division of the Defense Minerals Exploration Administration. In order to proceed with the processing of your application, we will need the following information and material:

A property map showing the location of your claims. This map should show where you intend to do your exploration work.

A map showing your proposed exploration work. Please refer to Item 5(b) of the application form.

Copies of assay certificates. These are essential in evaluating your property.

A statement of the exploration work you propose to do with detailed costs. Refer to Item 6 of the application form.

It is essential that you furnish all information requested in the application form.

We trust that you will supply us with this information, in quardruplicate (4), at your earliest convenience so that we may proceed with the processing of your application.

JWALT/er 9/24/54
Copy to: Docket
Admr. R. File
Op. Committee
Base Metals
Region III (2)
Mr. C. H. Johnson, USBM
Mr. Kiilsgaard, Rm 5227
Chron.

Sincerely yours,

W. R. Griswold

W. R. Griswold, Chief
Base Metals Division

IN REPLY REFER TO:

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

RECEIVED
SEP 17 1954

September 16, 1954

Memorandum

REVIEW OF APPLICATION DMEA-3480 (Copper)

To: W. R. Griswold, Defense Minerals Exploration Administration
From: R. D. Trace, U. S. Geological Survey
Applicant's name and address: Eugene C. King, Jr., Box 513, Purvis, Mississippi
Name of property: Old Barites Mine (Dollar Claims)
Location of property: Sec. 7, T. 6 N., R. 8 E., San Bernardino County, California
Summary of applicant's proposal:
Sink shaft 100 feet?
Sources of information on applicant's property:
No information on applicant's property. The area is discussed in: Calif. Jour. Mines and Geology, Vol. 49, Jan.-April 1953.
Comments:
The applicant's property is within 1 or 2 miles of the Chase-Bagdad mine, which has produced considerable quantities of gold and by-product copper (0.8%). We have no factual data in the files about the applicant's property, and he gives none in the application.
RECOMMENDATION:
Refer to Field Team. They may have some data in their files.

RD Trace
R. D. Trace

IN REPLY REFER TO:

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

September 16, 1954

Memorandum

REVIEW OF APPLICATION DMEA-3480 (Copper)

To: W. R. Griswold, Defense Minerals Exploration Administration
From: R. D. Trace, U. S. Geological Survey
Applicant's name and address: Eugene C. King, Jr., Box 513, Purvis, Mississippi
Name of property: Old Baritas Mine (Dollar Claims)
Location of property: Sec. 7, T. 6 N., R. 8 E., San Bernardino County, California
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Sources of information on applicant's property:
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Comments:
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RECOMMENDATION:
Refer to Field Team. They may have some data in their files.

R. D. Trace

RDTrace:hlm
G-9/16/54

Copy to: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
C. H. Johnson, 3621

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 14 1954

September 14, 1954

Memorandum

To: W. R. Griswold, DMEA

From: C. H. Johnson, Bureau of Mines

Subject: DMEA-3480 (Copper) Eugene C. King, Dollar Claims, San Bernardino County, California

The above-named application (returned herewith) does not in my opinion justify referral to the field. The applicant has given no evidence whatever that the property is mineralized. His knowledge of, and experience in mining do not seem to qualify him to supervise expenditure of Government funds, at least judging by his application. Therefore, I believe he should be asked to furnish adequate data on these two points - copper showings and applicant's competence - before an examination is requested.

Our mineral records do not list the Dollar claims, nor an Old Barites copper mine in San Bernardino County. The location given, Section 7, T6N-R8E, is very nearly that of the well-known Bagdad-Chase, which has produced copper and some lead and zinc intermittently for the past fifty years.

C. H. Johnson
C. H. Johnson

Attachment

Copy to - Mr. Newcomb, USGS
Minerals Division
C. H. Johnson
Files

September 13, 1954

Mr. Eugene C. King, Jr.
Box 513
Purvis, Mississippi

Subject: DMEA-3480
Re: Exploration Assistance
Old Barites Mine

Dear Sir:

The receipt of your application dated September 8, 1954 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-3480 and referred to the Base Metals Division.

Kindly refer to in any future correspondence relating to your application.

Sincerely yours,

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. 3480
Metal or Mineral Copper
Date Received
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: Eugene C King Jr. Box 513 PURVIS MISSISSIPPI

(*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. not applicable

(*c*) If a corporation, add to above statement, titles, names and addresses of officers. not applicable

(*d*) If a partnership, add to the above statement the names and addresses of all partners. not applicable

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 Two recorded claims - Section 7 T6N-R8E San Bernardino County Calif.
Dollar #1 is recorded in Lob. # 337 page 37
Dollar # 2 " " " " # 337 " 38

(*b*) State any mine name by which the property is known. Old Bailey mine (part of it)

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

(*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. not applicable

(*e*) If you own the land, describe any liens or encumbrances on it none

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

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

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

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

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

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

16—66551-1

9/13/54

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.

(*c*) The work will start within 90 days and be completed within 8 months from the date of an exploration project contract.

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

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

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

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

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

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

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project. 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. NONE

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

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

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

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

☑ Money ☑ Use of equipment owned by you ☐ Other

Explain in detail on acompanying paper.

CERTIFICATION

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

Dated Sept 8, 1954

Eugene C. King Jr
(Applicant)

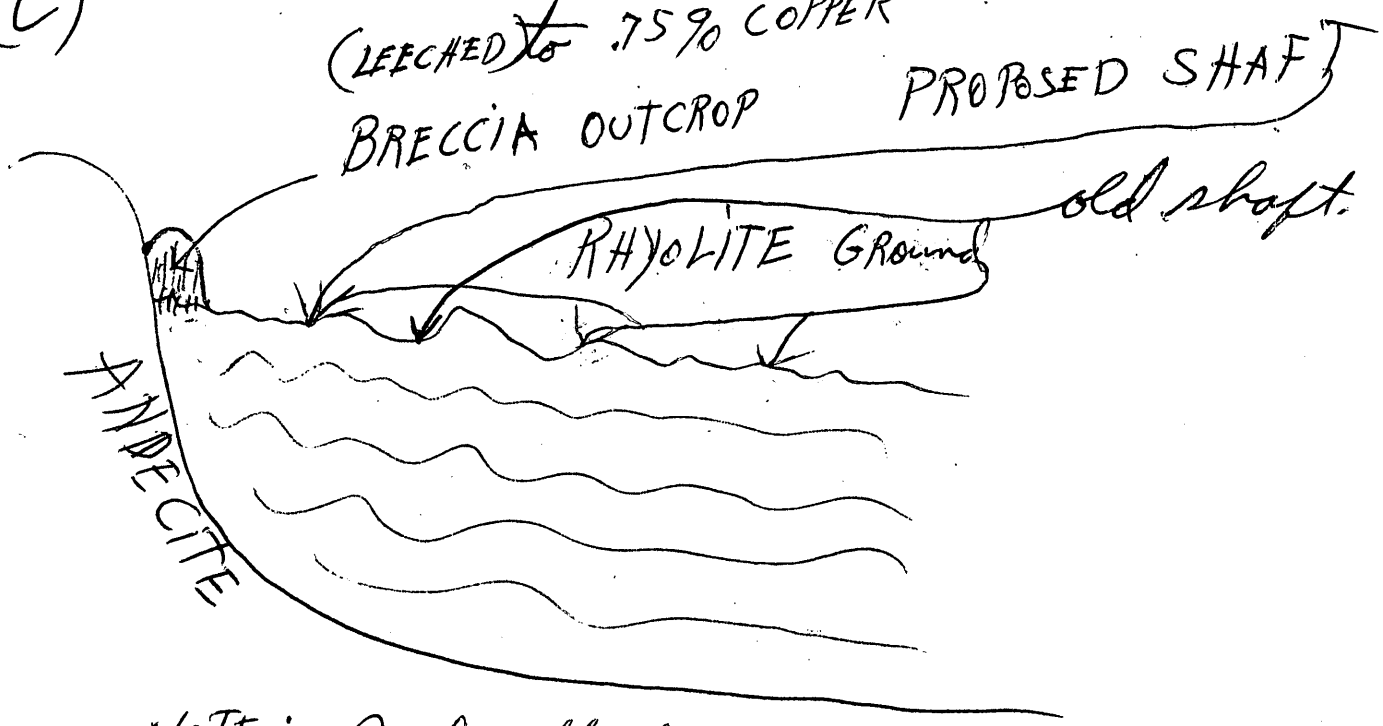
By

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

(4)(a) Old abandoned mine shaft on property. The old shaft is only about 50ft deep and the ore was drag ore - brought up by a late intrusive coming up through the ore body. I think the drag ore was about $17 per ton.

(C)



NOTE: Read attached geology on area.

(D) Well kept road is from property to 66 highway and Santa Fe Railroad - 7 miles.

(E) Plenty of manpower equipment available - Have to haul water about 7 miles.

Eugene C Hing Jr.
Box 513
PORVIS MISSISSIPPI

4(C)

GEOLOGY OF THIS PROPERTY

The productive part of the district is an enclosed basis or bowl about two and one-half miles North and South and about three miles East and West.

The older and enclosing rocks are mostly andecite on the South, East, and West. The North edge of the bowl is granite.

From the granite flowed Rhyolite and Docite to a depth of about one thousand feet.

This flow rests on the andecite and is held by andecite like a mountain lake.

Later came the ore magma. The gaseous magma intruded between the upper Rhyolite (making it the hanging wall), and the lower andecite (making it the footwall).

At its deposition it was probably horizontal.

Later came faluts — two systems (East and West) and (North and South).

Eugene C. King, Jr.
Box 513
Purvis, Mississippi

The first to occur were the East and West Faults. To the South or the ore field, about one and one-half miles is the Newberry Fault, which at one time was the river bed of the Mojave River. This Fault is East and West.

Along it are many volcanoes which have filled the old river bed. Tremendous volumes of gases were omitted. Much of it being chlorine.

Into the underground cavaties made by the removal of the lava, the ore ground sank. This gave the ore bodies their present strike and dip. This was subsidence faulting.

Later the swelling of the granites to the North gave the North and South thrust faults. The thrust was to the South which broke the ore up in corridors and gave the ore bodies their width.

Again, the East and West faults are down throws, and the North and South faults are thrust or horizontal faults.

Most of the ore is Breccia caused by the Rhyolite (hanging wall) being broken off in small pieces and sinking into the hot magma.

The valves are Copper, Gold, and Silver, and the

Eugene C. King, Jr.
Box 513
Purvis, Mississippi

ore is about 20 or 25 feet thick.

The ore is silicia and iron oxides with no sulphur.

Due to the chlorine gases, secondary enrichments are very valuable to the ore bodies below the ground or below the ore deposits resting on the sides of the andecite mountains.

The ore has all the characteristics of a Laccolith as the ore is evident in its outcrops of several square miles.

Eugene C. King, Jr.
Box 513
Purvis, Mississippi

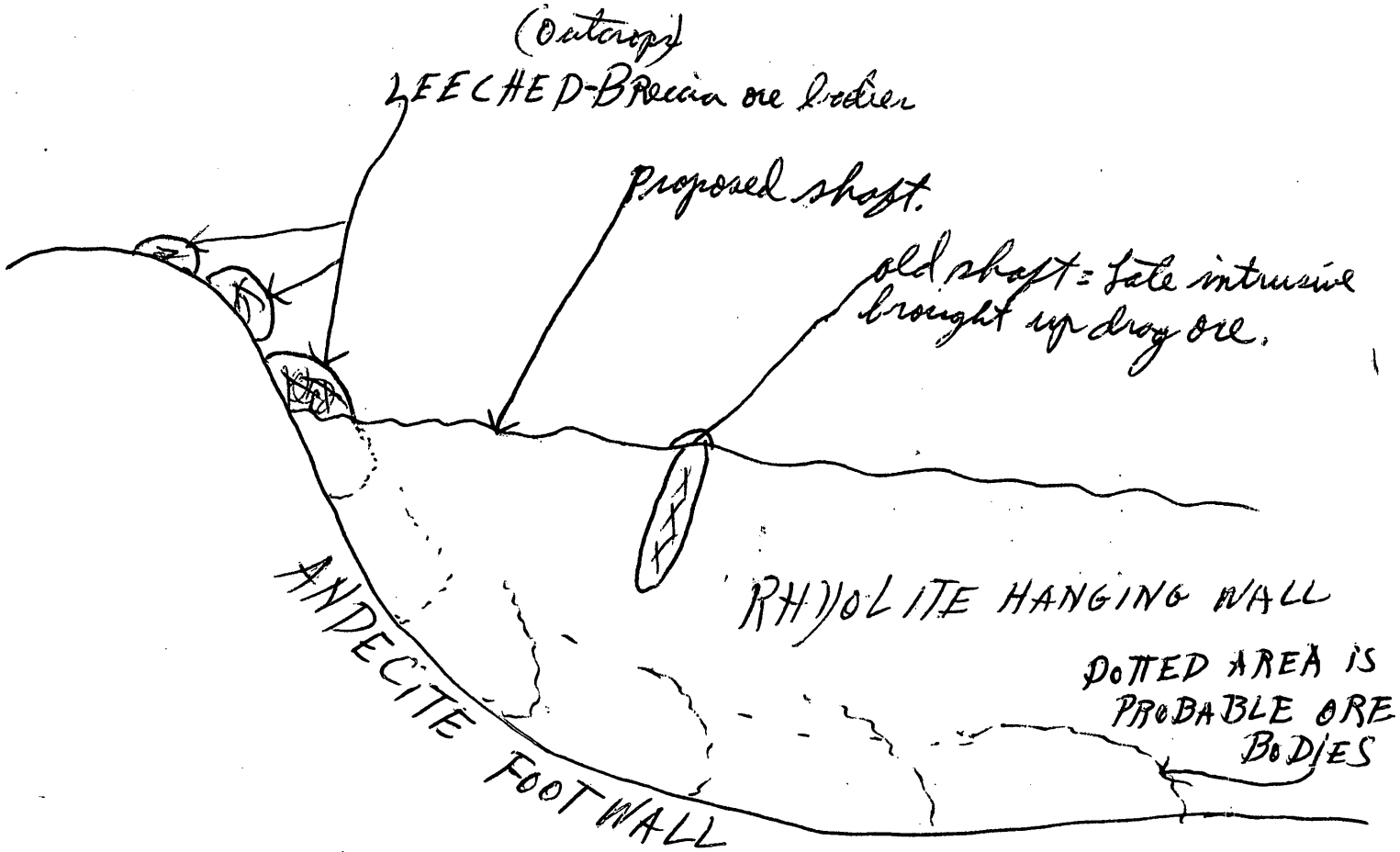
4.(d) I plan to supervise and also work on the project myself.

I have worked with miners for several years and have opened up a few small deposits. I have had a couple ~~of~~ years of college work and when I am not mining I am a masonry contractor.

I have prospected in Oregon, Calif. and Nevada.

Eugene C. Stringer
Box 513
PURVIS MISSISSIPPI

5. (b)



These ore bodies on mountain are leached of their values - which makes secondary enrichments valuable in lower segments.

Eugene C Hugg Jr.
Box 513
PURVIS, MISSISSIPPI

6(b) Two miners wages $28.00 per day
(myself) setting up hoist hauling rocks etc 25.00 " "

(c) I will haul water and other small items on my trailer.

Powder & caps 5.00 " "
Rent on hoist - cables etc 5.00 " "

(d) Compressor & hammers 12.50 " "

I will rent and move compressor myself

Timber for hoist etc. 300.00

Eugene C. Ford Jr.
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7 (b) I plan to furnish my share of the expense with money and work both.

I can get some good timber and rails free for nothing. There are some old and new diggings in the area and I have seen to it already to use some of their equipment.

I can put this shaft down for $40 per ft. The rock is hard and can avoid timbering all the way if I go almost straight down. I think I can expose ore inside of 100 ft.

Also I'll use my car-trailer and truck for hauling.

Eugene C. King Jr
Box 513
PURVIS MISSISSIPPI

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

SEP - 5 1951

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. 3480
Metal or Mineral Copper
Date Received
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: Eugene C. Ting Jr. Box 513 PURVIS MISSISSIPPI

(*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. not applicable

(*c*) If a corporation, add to above statement, titles, names and addresses of officers. not applicable

(*d*) If a partnership, add to the above statement the names and addresses of all partners. not applicable.

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 Two recorded claims - Section 7 T6N-R8E San Bernardino County Calif.
Dollar #1 is recorded in Book # 337 page 37
Dollar #2 " " " " # 337 " 38

(*b*) State any mine name by which the property is known. Old Bailey mine (part of it)

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

(*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.

(*e*) If you own the land, describe any liens or encumbrances on it none

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

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

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

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

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

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

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

(*c*) The work will start within 90 days and be completed within 8 months from the date of an exploration project contract.

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

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

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

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

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

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project. 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. NONE

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

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

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

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

☑ Money ☑ Use of equipment owned by you ☐ Other

Explain in detail on acompanying paper.

CERTIFICATION

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

Dated Sept 8, 1954

Eugene C. King Jr.
(Applicant)

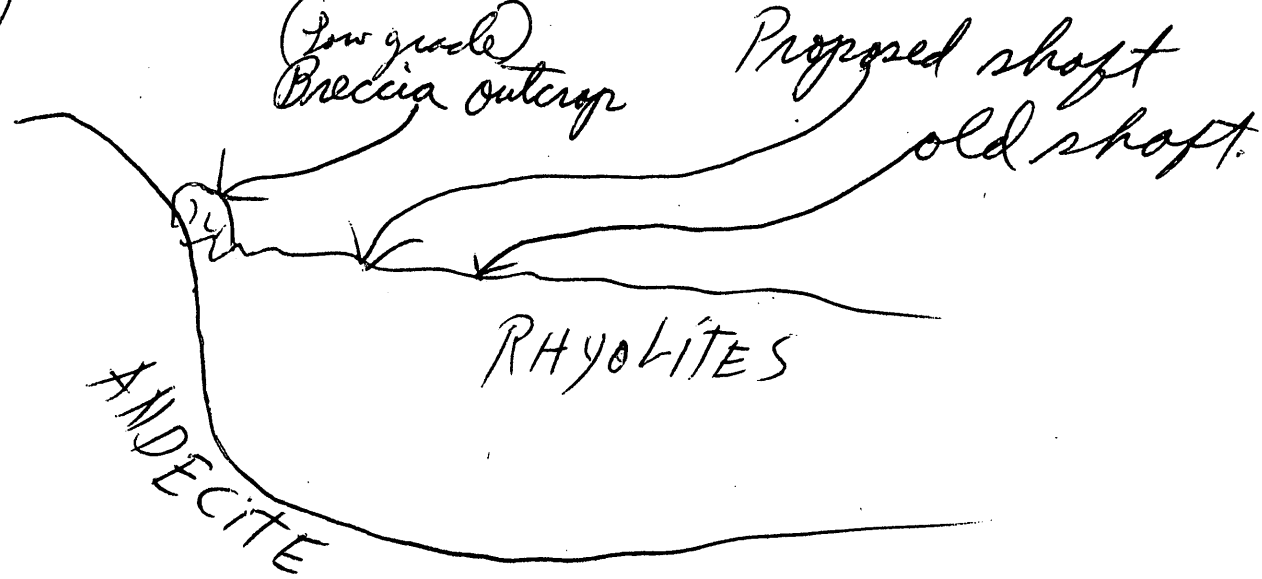
By

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

4.(a) old abandoned shaft on property - The shaft is about 50 ft deep. The ore was drag ore - brought up by a late intrusive. I think the ore was about $17 ton.

(c)



NOTE: Read attached geology on property

(D) well kept road from property to 66 highway and Santa Fe Railroad - 7 miles

(E) Plenty of manpower & equipment - will have to haul some water.

Eugene C Ting Jr
Box 513
PURVIS, MISSISSIPPI

4.(c)

GEOLOGY OF THIS PROPERTY

The productive part of the district is an enclosed basin or bowl about two and one-half miles North and South and about three miles East and West.

The older and enclosing rocks are mostly andecite on the South, East, and West. The North edge of the bowl is granite.

From the granite flowed Rhyolite and Dacite to a depth of about one thousand feet.

This flow rests on the andecite and is held by andecite like a mountain lake.

Later came the ore magma. The gaseous magma intruded between the upper Rhyolite (making it the hanging wall), and the lower andecite (making it the footwall).

At its deposition it was probably horizontal.

Later came faluts — two systems (East and West) and (North and South).

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Purvis, Mississippi

The first to occur were the East and West Faults. To the South or the ore field, about one and one-half miles is the Newberry Fault, which at one time was the river bed of the Mojave River. This Fault is East and West.

Along it are many volcanoes which have filled the old river bed. Tremendous volumes of gases were emitted. Much of it being chlorine.

Into the underground cavatiee made by the removal of the lava, the ore ground sank. This gave the ore bodies their present strike and dip. This was subsidence faulting.

Later the swelling of the granites to the North gave the North and South thrust faults. The thrust was to the South which broke the ore up in corridors and gave the ore bodies their width.

Again, the East and West faults are down throws, and the North and South faults are thrust or horizontal faults.

Most of the ore is Breccia caused by the Rhyolite (hanging wall) being broken off in small pieces and sinking into the hot magma.

The valves are Copper, Gold, and Silver, and the

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Purvis, Mississippi

ore is about 20 or 25 feet thick.

The ore is silicia and iron oxides with no sulphur.

Due to the chlorine gases, secondary enrichments are very valuable to the ore bodies below the ground or below the ore deposits resting on the sides of the andecite mountains.

The ore has all the characteristics of a Laccolith as the ore is evident in its outcrops of several square miles.

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4(d) I plan to supervise and also work on the project myself.

I have worked with miners for several years and have opened up a few small deposits. I have had a couple of years college work. When I am not mining I am a masonry contractor.

I have prospected in California, Oregon and parts of Nevada.

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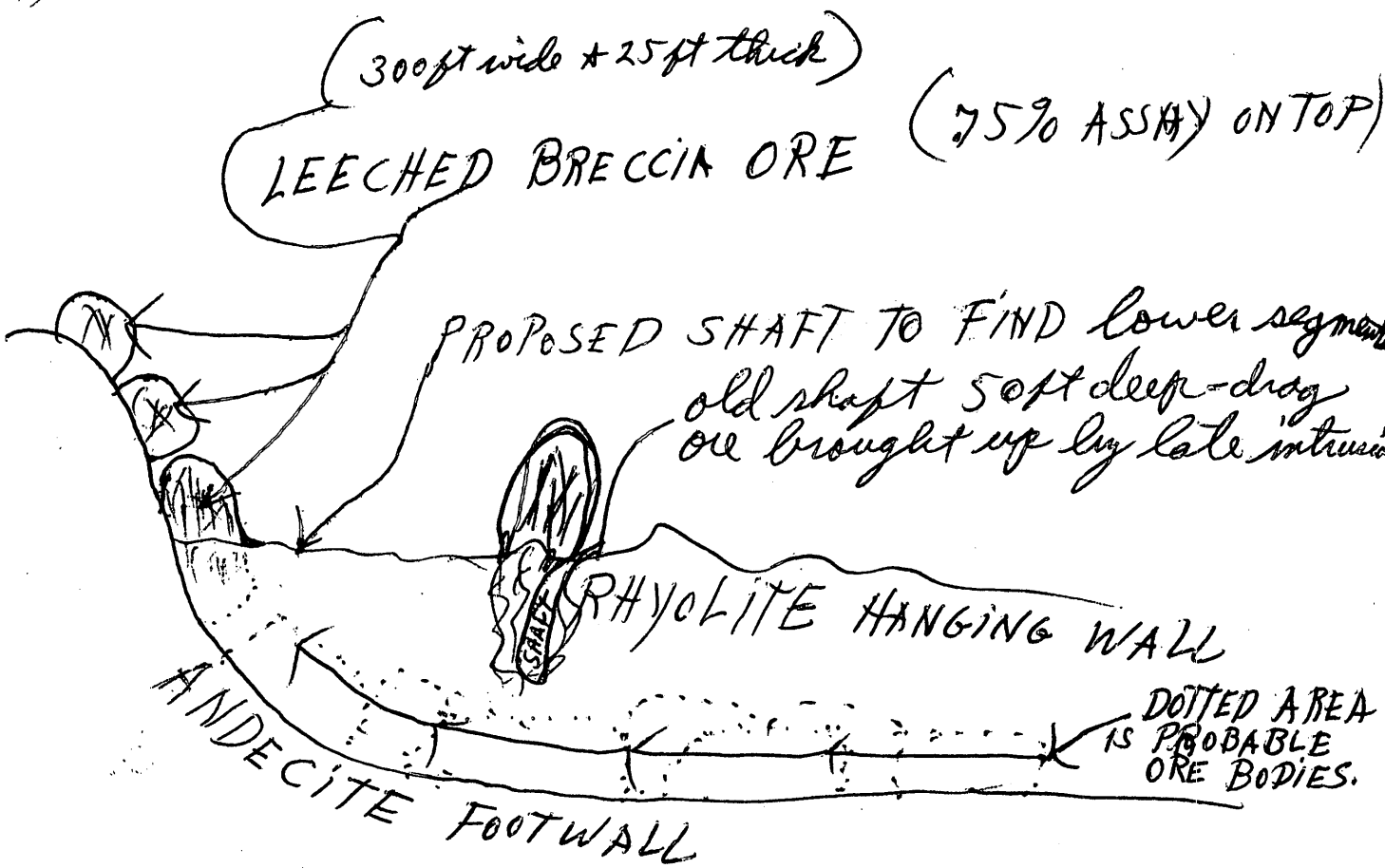
5. (b)



These ore bodies are leached of their commercial values which gives valuable secondary enrichments in segments below ground.

~~I think~~ I could open up ore inside of 100ft.

NOTE: MY ATTACHED GEOLOGY will explain further.

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(c) I will haul the water and other small
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