DMEA Form 9
Rev. 6/57

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE Idm-E NO._____ DMEA NO. 4778

Application
- [x] Denied
- [ ] Withdrawn

Contract
- [ ] Terminated - Not Certified
- [ ] Terminated - Certified
- [ ] Cancelled
- [ ] Royalty Agreement

The records contained in this file are marked (x) and arranged in this order:

Folder No. 1:

Left Side

- [ ] Royalty Audits
- [ ] Certification of Discovery
- [ ] Closing Letter
- [ ] Cost Audits
- [ ] Termination Notice or Agreement
- [ ] Recision Notice
- [ ] Assignment of Contract
- [ ] Contract Amendments
- [ ] Contract with all exhibits and annexes
- [ ] Owner's Consent to Lien and Subordination Agreement
- [x] Application and attachments

Right Side

- [ ] Project summary (final)
- [ ] Work Comoleted analysis (final)

All other material filed in chronological order including the following reports if checked:

- [ ] Field Team Semi-Annual Report for Certified Project
- [ ] Final Field Team Report (Tab)
- [ ] Operator's Final Report (Tab)
- [ ] Interim Field Team Reports
- [ ] Operator's monthly reports and all attachments
- [x] On-site Exam Report (Tab)
- [ ] Settlement Sheets
- [ ] Drill Logs

Additional Folders:

Left Side

Folders No._____: Reports
- [ ] Analysis of Semi-Annual Inspection Reports
- [ ] Project Summary (Interim) by DMEA Engineers

Right Side

- [ ] Field Team Semi-Annual Report for Certified Project
- [ ] Field Team Interim Reports
- [ ] Operator's Monthly Reports with transmittal, narrative and maps.

Folders No._____: Maps (Use pocket folder or envelope)

Folders No._____: Settlement Sheets

Folders No._____: Drill Logs

Folders No._____: Royalty material

MF-103
(Revised April 1952)

RECEIVED JUL 2 1957 D.M.E.A.

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. 4778
Metal or Mineral Copper Cobalt-Nickel
Date Received 7-2-57
Estimated Cost Not given
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: Loyd L. Kerrer
P.O. Box 3
Trinity Center, 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.

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

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

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

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract NE¼ of SW¼, Sec. 12, T. 37N., R. 7W, MDM Have Special Use from USDA Forest Service. Also have valid 20A mining claim on same ground. Recorded in Book No. 55 - Page 313 in Mining Records of County of Trinity, State of California

(*b*) State any mine name by which the property is known. Malachite No. 1

(*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. See attached.

(*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.*—State the mineral or minerals for which you wish to explore Principally for Copper - Also cobalt, nickel and others present

(*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 15 days and be completed within 4 months from the date of an exploration project contract.

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

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

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

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

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

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

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

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

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

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

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

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

(*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 6/20, 1957

Loyd L. Karrer
(Applicant)

By self

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

Addemdum (Application MF-103)

4. Physical description: Exploration work consists of open cut made by and at the expense of the applicant.

(b) No production to date. One or more tons of ore sorted and saved at site of cut. Grade of ore beleived to be commercial.

(c) Property and entire area surrounding the property is highly mineralized. Contacts and favorable formations are commonplace. Type of deposit is fissure vein. The dip is toward the mountain, the underlay being approximately 30° (meant to be degrees). Principalmineral is copper. Highest assay to date - hand sample, serial no. 412, Union Assay Office, Salt Lake City, 22.16% copper. Numerous other minerals and metals present including nickel, cobalt, strontium, manganese, chromium, silicon, iron and some gold and silver. This combination could indicate possible later developement of ratioactive ores.

(d) There is an access road within 200 yards of the deposit. Main shipping point and supply depot would be Redding area; approximately 60 miles by truck. Limited housing available within walking distance of deposit.

(e) Manpower likely can be recruited locally. Some materials and supplies and equipment available locally. Other would have to come from Redding area. Water would have to be hauled 1 mile. Power would have to be of portable internal combustion type.

5.(b) Drive drift-adit on main vein in place.

(d) Applicant has sufficient knowledge of mining to supervise exploration.

6(a) Will contract drift-adit at aprox. $30. per ft.

(b) All work will be supervised by applicant who will also handle supplies equipment mtce. assays and miscellaneous assignments. $500. per month should be allowed for this service.

(c) No commercial source of power available. Fresh water and fuel will have to be hauled at an aprox. cost of $100. per month of operation. (Can be furnished by applicant). Stove, 2 bunks and miscellaneous housekeeping equipment will have to be furnished at an aprox. cost of $200. (Can be furnished by applicant).

(d) 1 - 4 wheel drive truck & 2 wheel trailer owned by applicant. Valued at $950. Rental of $75. per month should be applied for this equipment. (Operating costs extra).

(d) All hand tools and miscellaneous small working equipment will be furnished by applicant. A value of $150. should be placed on this equipment. Mtce. & replacement of same - $20. per month. All dynamite and detonation equipment will be furnished by applicant at an aprox. cost of $150. for one operating season. It will be necessary to purchase one small portable drilling outfit at a cost of aprox. $750. Timbers and lagging will have to be purchased locally at an aprox. cost of $150. per M.B.M.

(e) There is a gov't bldg. near the deposit adequate for housing. If not available - a tent camp will have to be set up at an aprox. cost of $150.

(f) No other buildings will be necessary at present.

6.(g) Mtce. & oper. costs of equipm furnished & owned by applicant should aggregate $150. per mo. of operation. Analytical work probably $20. Insurance etc. handled by applicant. Will probably run $500. per season.

7.(a) Yes, the applicant believes he is prepared to do so.

(b) The applicant's share of costs will necessarily have to be limited to use of equipment owned by him and (other) active participation in, supervision, supply, mtce. accounting etc.

DMEA Form 7
(12-56)

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Date	Surname	Code
10/4	Klugeschied	500
	Swanson	500
10/7	Selfridge	130
10/7	Lamb	130
10/7	Williams	130
	Johnson	110
7	Mittendorf	100
10/8	B	225

OCT 8 1957

Mr. Loyd L. Karrer
Post Office Box 3
Trinity Center, California

Re: Docket No. DMEA-4778 (Copper)
Loyd L. Karrer
Malachite No. 1 Claim
Trinity County, California

Dear Mr. Karrer:

Your application for aid for an exploration project and other data available to us in Washington relating to your claim 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 copper mineralization on your property, indicates to us that the probability of disclosing significant ore reserves is not sufficiently promising to justify Government participation. We regret to advise you, under these circumstances, that your application for exploration assistance is denied.

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

WPKlugeschied/er 10/4/57
Copy to: Docket
Admr R File
Op. Committee
Mr. McMahon, USBM
Mr. Kiilsgaard, USGS
Region II (2)
Chron.

8623

DMEA Form 7
(12-56)

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Date	Surname	Code
10/5	Klugescheid	500

October 4, 1957

Memorandum

To: The Administrator

From: Director, Division of Base Metals

Subject: Denial of Application, Docket No. DMEA-4778, Loyd L. Karrer, Malachite No. 1 Claim, Trinity County, California.

The cited application, dated June 20, 1957, was received in this office on July 5.

The Applicant proposed to explore the small vein on this claim by means of an adit.

The total estimated cost of the program was not given nor was the total footage the Applicant expected to drive.

The examining team was near this property on other work and took advantage of the opportunity and examined the deposit.

The conclusions of the Examiners were as follows:

> "The mineral deposit is a sparsely mineralized quartz vein, 4 to 10 inches wide, exposed for 55 feet along its strike. At one extremity the vein is offset to an unknown position by a fault, and on the other it is 4 inches wide where it disappears under colluvium. The narrow width of the quartz vein, the small amount of primary sulphide minerals indicated by the weathered outcrops, and the small amount of secondary minerals do not suggest an exploration target of minable size or grade. We recommend that the application be denied."

A sorted ore pile containing approximately three and one-half tons gave a grade of only 1.64% copper. We concur with the recommendation that the application be denied.

W. R. Griswold

W. R. Griswold

WPKlugescheid/er
Copy to: Docket
Admr R File
Chron.

8623

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

September 30, 1957

Memorandum

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

From: Commodity Specialist, Branch of Base Metals

Subject: Review of Application Report, Docket No. DMEA 4778 (copper), Loyd L. Karrer, Malachite No. 1 Claim, Trinity County, California

This field examination report shows that the mineralization on the property is confined to a quartz vein ranging from 4 to 10 inches in width over 55 feet of the exposed outcrop. Two samples of the narrow vein and one of a $3\frac{1}{2}$ ton ore pile were not encouraging. The examiners conclude that the indications do not suggest an exploration target of minable size or grade and recommend that the application be denied.

I concur in that recommendation.

A. D. McMahon
A. D. McMahon

Copy to: Division of Minerals
Branch of Base Metals (2)
Thor Kiilsgaard, U.S.G.S.
F. D. Lamb
Files

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DMEA
RECEIVED OCT 1 1957

DATE	INITIALS	CODE
10/1	B	220
10/1	WRY	500

IN REPLY REFER TO:

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

September 26, 1957
Re: DMEA 4778
Loyd L. Karrer
Malachite No. 1
Trinity County, California
Copper

Memorandum

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

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

Subject: Review of Field Team Report

The applicant requested assistance in exploring a vein from which one good sample, probably selected, had been taken.

The examiners found the sample had come from a quartz-copper vein from 10 inches to 4 or 5 inches wide where exposed for a length of about 55 feet. The narrow widths are at the ends of the exposed part of the vein. On the northwest it goes under talus and on the southeast terminates in an andesitic rock-filled fault between hornblende diorite and peridotite. If existent in the peridotite or anywhere south of the fault, it has not been located.

A sample across 5 inches assayed 3.97% copper and a large, 300 pound, grab sample of a 3½ ton ore pile assayed 1.64% copper.

In the opinion of the examiners and the Field Team, the showing does not merit assisted work and they recommend denial of the application.

I concur with the recommendation.

N. E. Nelson

N. E. Nelson

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DMEA
RECEIVED SEP 26 1957

DATE	INITIALS	CODE
9/27	B	220
9/30	WRG	500

DMEA

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DMEA
RECEIVED SEP 24 1957

DATE	INITIALS	CODE
9/24	B	220
	esf	130
9/30	R	220
~~9/30~~	~~URH~~	~~500~~

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
1605 Evans Avenue
Reno, Nevada

September 20, 1957

Memorandum

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMEA-4778 (Copper
Loyd L. Karrer
Malachite No. 1 Claim
Trinity County, California

Enclosed are three copies of a report by J. D. Warne, Bureau of Mines, and R. H. Campbell, Geological Survey, on subject property.

This property was not referred but examination was made while our engineers were in the vicinity on other work. Roscoe Smith and I concur in the recommendation that exploration is not warranted.

S. Ricker

Attachments

Reviewed by
DMEA OPERATING COMMITTEE
9/27/57
(date)

ON SITE REPORT

OFFICIAL FILE COPY
DMEA
RECEIVED SEP 24 1957

DATE	INITIALS	CODE

UNITED STATES
DEPARTMENT OF THE INTERIOR
FRED A. SEATON, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION II

APPLICATION REPORT

DMEA-4778 (copper, cobalt, and nickel)
Mr. Lloyd L. Karrer
Malachite No. 1 claim, Trinity County, California

by

J. D. Warne
U. S. Bureau of Mines

R. H. Campbell
U. S. Geological Survey

September 11, 1957

Reviewed by
DMEA OPERATING COMMITTEE
9/27/57
(Date)

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ILLUSTRATIONS

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2 . . . . . Geologic and Assay map

INTRODUCTION

An application from Lloyd L. Karrer, P. O. Box 3, Trinity Center, California, requested Government assistance in an exploration project under the Defense Minerals Exploration Administration, docket DMEA-4778, to explore for copper, cobalt, and nickel on the Malachite No. 1 claim, Trinity County, California.

The claim was examined by R. H. Campbell and R. M. Smith, U. S. Geological Survey, and J. D. Warne, U. S. Bureau of Mines, on July 17, 1957. The applicant met the examiners in Trinity Center, but owing to another appointment he was unable to accompany them on their inspection of the property.

CONCLUSIONS AND RECOMMENDATIONS

The mineral deposit is a sparsely mineralized quartz vein, 4 to 10 inches wide, exposed for 55 feet along its strike. At one extremity the vein is offset to an unknown position by a fault, and at the other it is 4 inches wide where it disappears under colluvium. The narrow width of the quartz vein, the small amount of primary sulfide ore minerals indicated by the weathered outcrops, and the small amount of secondary minerals do not suggest an exploration target of minable size or grade. We recommend that the application be denied.

LOCATION, PROPERTY, AND OWNERSHIP

The Malachite No. 1 claim is located near the summit of Bonanza King peak in the NE 1/4 of the SW 1/4, sec. 12, T. 37 N., R. 7 W., M.D.B.&M., approximately six miles northeast of Trinity Center, Trinity County, California (fig. 1). The prospect is about 6,800 feet in elevation and lies about 300 feet N 70° E of the U. S. Forest Service Bonanza King lookout.

The claim is accessible by four-wheel drive vehicle during the dry seasons of the year by following the graveled French Gulch road a distance of 0.5 mile southeastward from Trinity Center, then turning left on the steep mountain access road which leads 14.8 miles to the Bonanza King lookout station.

The Malachite No. 1 claim was recorded by Lloyd L. Karrer and Viola M. Karrer, P. O. Box 3, Trinity Center, California. To assure right of way and permission to mine in close proximity to the lookout station, Mr. Karrer also has a special-use permit from the U. S. Department of Agriculture Forest Service covering a 40-acre administrative site overlying his claim.

HISTORY, DEVELOPMENT, AND PRODUCTION

The Malachite No. 1 claim was originally located on July 4, 1955. A shallow open-cut was excavated at the discovery point during intermittent periods since the date of location (fig. 2).

No ore has been produced from the claim.

GENERAL GEOLOGY

The prospect is on a ridge near the crest of Bonanza King peak. Colluvium and talus cover much of the area but the vein and surrounding country rocks crop out in the immediate vicinity of the prospect. The bedrock is chiefly hornblende diorite and peridotite of Jurassic age (Geologic map of California, Calif. Division of Mines, 1938) cut by a few stringers of aplite and small dikes of andesite, and cut by faults, joints, and fractures. Locally, chiefly along fractures, the rocks have been altered, and much of the peridotite has been serpentinized. The contact between the peridotite and the diorite is a fault zone containing sheared, altered rock of andesitic composition. The fault strikes N 72° W and dips 55° SW. Several sets of joints cut the country rocks, the most prominent of which strikes N 60° W and dips 70° SW. One fracture occupied by a quartz vein cuts the diorite but has no apparent displacement.

MINERAL DEPOSIT

The mineral deposit is a quartz vein, ranging from 4 to 10 inches in thickness, exposed on the outcrop and in the prospect pit for a strike length of about 55 feet. It strikes about N 20° W and dips about 60° SW.

To the northwest it is covered by talus, and its southeastern end terminates at the peridotite-diorite fault contact along which post mineral movement has cut off the vein. The vein has been weathered to below the present exposures which are stained by minor amounts of iron oxide and, locally, moderate amounts of secondary copper minerals along small fractures and coating surfaces in small (up to one-quarter inch) vugs. Immediately adjacent to the vein secondary copper minerals (chiefly chrysocolla, but with some malachite) have penetrated the country rock as much as one foot along a joint and along the peridotite-diorite fault contact.

The vein is widest (about ten inches) in the vicinity of BM-2 (fig. 2). It pinches to a width of four inches at the northwest end of the outcrop and to about five inches at its southeast end where it is cut off by the post mineral fault. The abrupt termination of the vein at the fault and the absence of quartz or other primary vein minerals along the fault at the intersection indicates that an offset segment of the vein extends into the peridotite, but it has not been located.

Secondary copper minerals are most abundant in small stringers and veinlets one millimeter to one-eighth inch in thickness in the sheared altered rock at the intersection of the vein and the fault. Most of the material in the pile of sorted ore (fig. 2) was taken from

the area of this intersection which forms a small shoot of secondary ore minerals about two feet wide, one to one-and-one-half feet thick, and possibly extending several feet down the rake of the vein-fault intersection. It is evident that all primary sulfide mineralization was confined to the quartz vein and that the secondary minerals in the fractured country rock were derived exclusively from the vein.

Except for the small pile of sorted material no ore has been mined from the prospect.

There are several abandoned mines and prospects to the south and southwest of the Malachite No. 1 claim that have explored several veins and vein systems in the area. The mines were operated chiefly for gold, and minor amounts of copper minerals have been reported associated with the gold ore locally; however, no copper is known to have been produced.

SAMPLING

The following samples were taken which are shown on figure 2:

Sample No.	Percent Cu	Ni	Co	Description
1	3.97	--	--	5-inch channel across total width of quartz vein.
2	0.19	--	--	6-inch channel across total width of vein.
3	1.64	--	--	Grab of 300 lbs. of ore stockpiled at open cut.
		0.01	0.01	Composite sample.

ORE RESERVES

The sorted ore pile (fig. 2) contains approximately three and one-half tons of ore having a grade of about 1.64 percent copper. A few additional tons of similar grade are inferred in the small shoot at the vein-fault intersection.

APPLICANT'S PROPOSED EXPLORATION

The applicant proposed driving a drift on the southeasterly projection of the quartz vein with a portal in the vicinity of the larger prospect pit. The length of the adit and the cost of the proposed project were not specified. As the vein is offset to an unknown position south of the N 72° W fault, there is very little possibility of the proposed adit exploring a southeasterly extension of the vein.

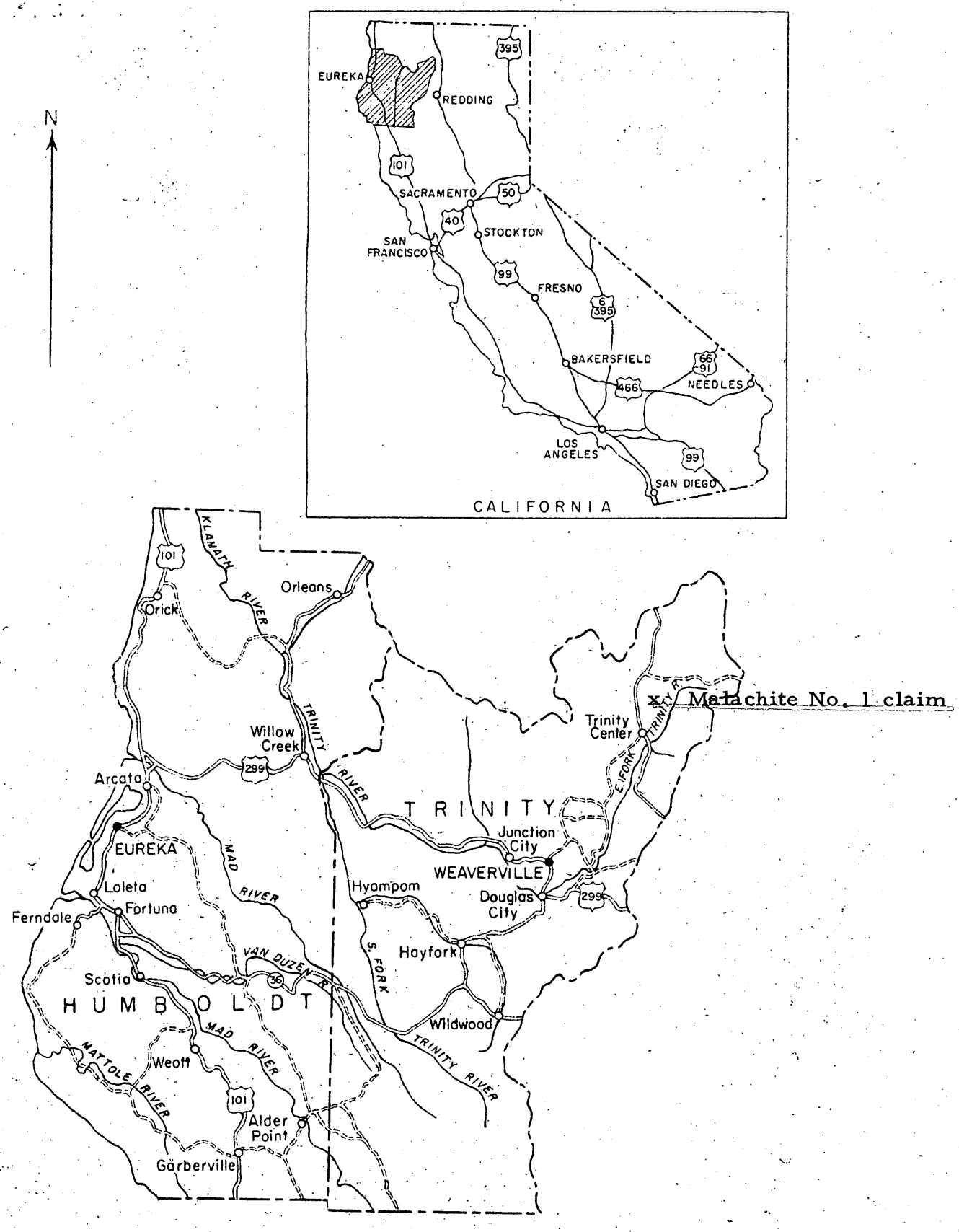
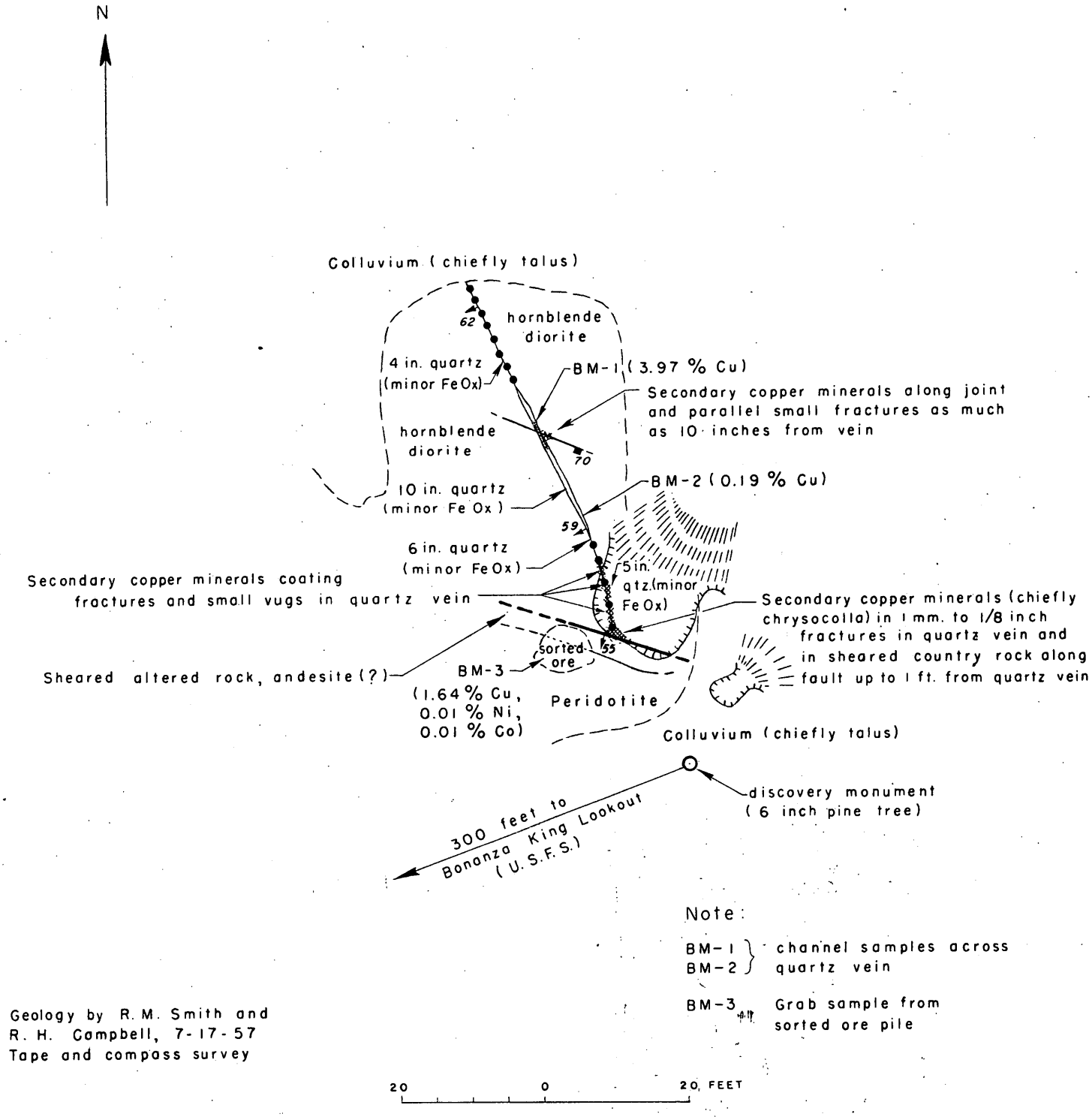


Figure 1. INDEX MAP OF HUMBOLDT AND TRINITY COUNTIES, CALIFORNIA

0 20 40 60 Miles



Geology by R. M. Smith and R. H. Campbell, 7-17-57
Tape and compass survey

FIGURE 2. Malachite No. 1 Claim
Trinity County, California

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
7/9		500
7/10	Selfridge	180
7/10	Jamison	110
"	Whitenton	100
7-10	C	221
		500.

JUL 10 1957

Mr. Loyd L. Karrer
Post Office Box 3
Trinity Center, California

Re: Docket No. DMEA-4778 (Copper)
Loyd L. Karrer
Malachite No. 1 Claim
Trinity County, California

Dear Mr. Karrer:

This is with reference to the cited application. We note your statement "The applicant's share of costs will necessarily have to be limited to use of equipment owned by him and (other) active participation in, supervision, supply, mtce. accounting etc.".

The Government cannot participate in the approved costs of exploration projects for copper beyond fifty per cent of such approved costs. In a project such as you contemplate, driving a drift adit on a vein by contract at an approximate cost of $30.00 per foot, the services which you outline to be performed by yourself could not possibly equal one half of the total project costs.

In addition to being able to finance your half of the cost of the project, it would be necessary that you have sufficient funds to carry the entire cost of the work for two or three months, in the event an exploration project were approved for your property. The Government's share of the cost is paid at the end of each month after a voucher showing the amount of work performed and the expenditures made for such work is submitted. It usually requires from two to four weeks to process such vouchers.

Under the circumstances, unless you can give us some assurance that you are prepared to finance your share of the cost of the proposed project, we cannot give your application favorable consideration. We shall defer further action on your application until we hear from you.

8623

Should you find that you would be able to finance your half of the costs, we would require the following additional information before we could form an opinion that would even warrant referral of the project to our Field Teams

1. A property map must be furnished.

2. The projected adit would have to be shown, preferably on the property map showing thus its relation to the boundaries.

3. No total cost was given for the work, and no total footage was given for the length of the adit. Give proposed dimensions of adit.

4. The costs should be detailed as follows: Labor, materials, supervision, equipment repairs, sampling and assaying, equipment purchases, etc., etc.

5. Any geological information which you may be able to show on the maps would be very helpful.

Sincerely yours,

EXECUTED W. R. Griswold
(WRK)

W. R. Griswold, Director,
Division of Base Metals

WPKlugescheid/er 7/10/57
Copy to: Docket
Admr R File
Op. Committee
Mr. McMahon, USBM
Mr. Kiilsgaard, USGS
Region II (2)
Chron.

IN REPLY REFER TO:

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

July 5, 1957
Re: DMEA 4778
Loyd L. Karrer
Malachite No. 1 prospect
Trinity County, California
No estimate - Copper

Memorandum

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

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

Subject: Review of application

The applicant requests assistance of an unstated amount in exploring a copper bearing vein from which a sample containing 22.16% copper has been taken.

Except that the vein dips at 30° into the mountain, no details concerning the occurrence are given. Probably a spectrographic analysis has been obtained which showed copper, nickel, cobalt, etc. etc. to be present.

Referral of the application to the Field Team for appropriate action is recommended.

N. E. Nelson

N. E. Nelson

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DMEA
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DATE	INITIALS	CODE
7-9	C	220
7-9	VARG	500

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

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DMEA
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DATE	INITIALS	CODE
7/9	G	220
7/9	WRG	500
~~July 5, 1957~~		

Memorandum

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

From: Commodity Specialist, Branch of Base Metals

Subject: Review of Application, Docket No. DMEA 4778 (copper-cobalt-nickel), Loyd L. Karrer, Malachite No. 1 Claim, Trinity County, California

The application does not propose an exploration program or present sufficient information to indicate the property merits an examination by the field examiners.

It is suggested that the applicant be requested to more fully describe the proposed work as required under 5 (b) of the application.

A. D. McMahon
A. D. McMahon

Copy to: Division of Minerals
Branch of Base Metals (2)
Thor Kiilsgaard, U.S.G.S.
F. D. Lamb
F i l e s

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DATE	INITIALS	CODE

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

July 3, 1957

Mr. Loyd L. Karrer
P. O. Box 3
Trinity Center, California

Subject: DMEA-4778

Dear Mr. Karrer

Your application for exploration assistance, dated June 20, 1957 submitted to our office at Washington, D. C. has been assigned Docket Number DMEA-4778 and referred to the Base Metals Division in the Washington office. Kindly identify all future correspondence relating to your application by this Docket Number.

Sincerely yours,

Allen S. Dakan, Director
Operations Control and
Statistics Division

Copy to: Region II