DMEA Form 9
Rev. 6/57

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE Idm-E NO._____ DMEA NO. 4496

Application
- [ ] Denied
- [x] Withdrawn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 Completed 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
- [ ] 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

17963

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Mineral Deposits Branch
4 HOMEWOOD PLACE
MENLO PARK, CALIFORNIA

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OCT - 8 1956

October 5, 1956

Memorandum

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

From: R. M. Smith, member, DMEA Field Team, Region II

Subject: Loan Application (Copper, Asbestos)
Philip Munko, Alexander R. Hiland, Ernest Wheeler, Jr.
Highland Lake mine, Shasta County, California

Enclosed are three sets of MF-103, Application for Aid, forms relative to above subject. The fourth set has been forwarded to the Executive Officer, Region II.

R. M. Smith

Encls.

cc: S. Ricker

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Form Approved.
Budget Bureau No. 42-R1085.2.

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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. 4496
Metal or Mineral Copper-Asbestos
Date Received 10-8-56
Estimated Cost $21,890
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: Philip Munko, Alexander R. Hiland, Ernest Wheeler, Jr.
421 Sacramento St., Dunsmuir, Calif.

(*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. 5 claims - NRA # 1-2-3-4-5
#1 - August 19, 1933 - Vol. 80 page 172- #2 - August 26, 1933 - Vol. 86 page 209 - #3 Sept. 22, 1936 - Vol. 119 page 59 - #4 Sept. 22, 1936 - Vol. 119 page 59 - #5 - Sept. 22, 1936 - Vol. 119 page 58-Highland Lake Mine Sec. 12 twp. 37 N. range 6W. Shasta County.

(*b*) State any mine name by which the property is known. Highland Lake Mine

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Philip Munko, owner, Hiland, Wheeler and Munko - Leasors

(*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.

(*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, asbestos

(*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 30 days and be completed within 24 months from the date of an exploration project contract. (weather permitting)

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

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

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

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

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

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

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

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

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

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

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

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

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

[X] Money [X] Use of equipment owned by you [X] Other Labor

Explain in detail on acompanying paper. Air compressor

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 Oct 1, 1956

Charles Munsko
Ernest Whagher
A M Hulane
(Applicant)

By A M Hulane Partner

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

HIGHLAND LAKE MINE --421 Sacramento St., Dunsmuir, Calif.

4 (a) Mine is located 13½ miles from Highway 99 over passable road. New logging road is being completed this year which will go to and beyond mine. All work on shafts and tunnels was performed prior to this lease. Drilling and some cuts were performed by present partners - 3 shafts, 10 feet each for drilling exploration.

4 (b) No production of ore is known.

4 (c) We find copper in veins. We have asbestos in veins and beds. Gold and silver showing in copper and on contact points of asbestos and copper.

4 (d) Accessibility of mine is good. Shipping point from mine to R.R. is approximately 16 miles, and 30 miles from Dunsmuir, Calif.

4 (e) Manpower, good - Materials, supplies, equipment, good. Water on property, no electric power.

5 (a) Copper, Asbestos

5 (b) The proposed work that we wish to do is marked on 5-B sketch.
#1 shown on sketch 5-B - drill 2 holes, one for depth and on for width
#2 dig shaft 10 ft. for checking vein angle for drilling cross cut and depth of holes.
#3, #4, #5, same as #2.
#6. #7, #8, #9, #10 Drill holes for blocking out ore body.

5 (d) Mr. Philip Munko, mining 40 years, Alexander R. Hiland , mining 3 years- drilling exploration. The above men will be the supervisors of the work to the best of their ability. It is agreed that all work will be discussed and checked by mining geloligist.

6 (a) Independent contracts

Per foot of drilling	$8.00 - 1,000 ft.	$8,000.00
Per foot of shaft	30.00 - 50 ft.	1,500.00
Bulldozzer work	16.00 - hr.50 hrs.	800.00
		10,300.00

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(b)	Labor, supervision, consultants	
	Labor - 1 man $2.10 per hr.	2,400.00
	Supervising, 500.00 per month	3,600.00
	Geologist 100.00 per day & expenses	1,000.00
	Cook 200.00 per month	1,200.00 (?)
	Assays	500.00
(c)	Gasoline for air compressor & trucks	500.00
	Dynamite, caps, timbering, etc.	500.00
(d)	Rent of air compressor, jack hammer and tools	400.00
	Trucks for hawling- rental $50.00 per month	300.00
(e)	Tin roof for cabin	100.00
(f)	None	
(g)	Payroll taxes	240.00
	Liability insurance	200.00
	Workmens' compensation	350.00
	Bookkeeping and accounting - $50.00 per month	300.00
		$21,890.00

The above is a six month estimate

FORM A-8

REPORT OF ASSAY

ABBOT A. HANKS, INC.

ASSAYERS, CHEMISTS, ENGINEERS
624 SACRAMENTO STREET
SAN FRANCISCO.

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September 20, 1956

DEPOSITED BY A. R. Hiland
421 Sacramento Street
Dunsmuir, California

SAMPLE OF ORE

Labty. No.	Mark	GOLD, per ton of 2,000 lbs.		SILVER, per ton of 2,000 lbs.		Percentages
		Troy Ounces	Value @ $35.00 oz.	Troy Ounces	Value @	
					$	COPPER
4278	Composite Drill Hole 4			Trace		0.07 %
4279	Lump Ore - CORE			.55	.49	12.96 %

bob

ABBOT A. HANKS, INC.
Original Signed by
MARTIN P. QUIST

LABORATORY REPORT
ABBOT A. HANKS, INC.
ENGINEERS, ASSAYERS, CHEMISTS, METALLURGISTS
CONSULTING - TESTING - INSPECTING
ESTABLISHED 1866
624 SACRAMENTO STREET
SAN FRANCISCO 11, CALIFORNIA
TELEPHONE GARFIELD 1-1697

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OCT - 8 1956

Lab. No. 4280 Date September 21, 1956

Submitted by A. R. Hiland
421 Sacramento Street
Dunsmuir, California

Sample Mark Core #2 Hole

QUALITATIVE SPECTROGRAPHIC ANALYSIS
Metals Found and Estimated Percentage Range

Less than .03%	.03% to .30%	.30% to 3%	3% to 30%	30% to 100%
Copper	Manganese	Aluminum	Silicon	
Cobalt	Nickel	Calcium	Magnesium	
Sodium		Chromium	Iron	
Potassium				
Titanium				
Zirconium				
Strontium				
Vanadium				
Zinc				
Silver				

Remarks Chromium toward low side of percentage range.

bob

RESPECTFULLY SUBMITTED,
ABBOT A. HANKS, INC.
Original Signed By
MARVIN D. [illegible]
By _____
Spectro-Chemist

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OCT - 8 1956

MINING LEASE CONTRACT

THIS LEASE AND AGREEMENT, made and entered into as of September 25, 1956, by and between PHILIP MUNKO, the owner of the below described premises, hereinafter termed the party of the first part, and PHILIP MUNKO, ERNEST WHEELER, JR., and A. HILAND, as mining associates, hereinafter referred to as parties of the second part,

W I T N E S S E T H:

That the party of the first part, for and in consideration of the payments, royalties, covenants and agreements hereinafter specified, to be paid, kept and performed by second parties, have leased to second parties the following described mining claims situate in the highland Lake Mining District, County of Shasta, State of California, to-wit:

NRA No. 1 located August 19, 1933, notice of location of which said claim was recorded August 14, 1933, in the office of the County Recorder of said Shasta County, Vol. 80 Official Records at page 172.

NRA No. 2, located August 21, 1933, notice of location of which said claim was recorded August 26th, 1933, in the office of the County Recorder of said Shasta County, in Vol. 86, Official Records at page 209.

NRA No. 3, located September 21, 1936, notice of location of which said claim was recorded September 22, 1936, in the office of the County Recorder of said Shasta County, in Vol. 119, Official Records at page 59.

NRA No. 4, located September 21, 1936, notice of location of which said claim was recorded September 22, 1936, in the office of the County Recorder of said Shasta County, in Vol. 119, Official Records at page 59.

NRA No. 5, located September 21, 1936, notice of location of which said claim was recorded September 22, 1936, in the office of the County Recorder of said Shasta County, in Vol. 119, Official Records at page 58.

NRA No. 6, and NRA No. 7.

The terms and conditions of said Lease Agreement are as follows:

1. In the development of said mining properties, PHILIP MUNKO and ERNEST WHEELER, JR., are to provide all gas and oil and drilling bits in connection with drilling; A. HILAND is to provide drilling equipment. All other expenses, relative to the development of said mining properties are to be mutually born by the mining associates above referrred to as the parties of the second part.

2. The parties of the second part shall have immediate possession of said mining claims.

3. The term of this Lease shall be continuing from year to year, subject to complete development and exhaustion of the load and ore loads, and upon condition that the parties of the second part pay the royalties and keep and perform the covenants and agreements herein specified.

4. The parties of the second part may sublease to a partner or partners, named in this agreement, upon the written consent of the party of the first part.

5. The parties of the second part in the development of said mining properties, shall effect and complete at least two hundred feet of drilling per year.

6. The parties of the second part shall have the right to develop, mine, mill, ship or otherwise treat any ore taking from said mining claims during the life of this lease.

7. All mining work shall be performed in a manner which will pass the inspection of the Bureau of Safety, Division of Mines.

8. All buildings erected on said mining claims shall become a part of the real estate, considered as fixtures, and shall remain on said property. All machinery, equipment and personal property (except rails underground) may be removed

from said property by the parties of the second part, or their authorized agent, upon the termination of this lease.

9. The parties of the second part shall pay all taxes levied on the machinery and equipment owned and maintained by them. Taxes to be paid before same are delinquent.

10. The party of the first part shall , at any time, enter upon said mining claims and sample, inspect, or otherwise take care of the interest of the party of the first part; provided, however, that the party of the first part does not stop or hinder operations and/or workmen. This covenant shall apply to an authorized agent of the party of the first part. The party of the first part shall have the right to be present at any and all clean ups.

11. All work, improvements, material, machinery and hired labor incurred by the parties of the second part will not incurr liability upon the party of the first part.

12. Second parties shall keep posted on said mines and mining claims any notices furnished or made by the party of the first part to the effect that the party of the first part, or said mines and mining claims, are not liable under Mechanics' Lien Law, or otherwise, for labor, materials, machinery or merchandise furnished the parties of the second part or said mines and mining claims, or for the negligence of the parties of the second part.

In conjunction with the above, however, the said party of the first part does hereby consent, acknowledge and accept genral mining law liens for development work effected upon said premises by the parties of the second part, insofar as labor is concerned, performed by the parties of the second part, their agents and general direct development employees, and specifically accepts liens subjected to said properties because of development monies possibley advanced by the Federal Government.

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OCT - 8 1956

13. The parties of the second part agree to secure a policy or policies of insurance covering any and all liability from any injury or death by accident sustained by any and all employees and workmen of second parties incurred in connection with the work in and upon said mining claims; and the parties of the second part agree to keep all of their employees and workmen, and their entire payroll fully covered by insurance during the life of this lease.

14. In the event that the parties of the second part fail to perform the covenants contained in this lease, the party of the first part, may at his option, terminate this lease and re-enter upon said claims, take peaceable possession of same, allowing the parties of the second part, thirty (30) days to remove their machinery and personal belongings, (weather conditions permitting).

15. Upon termination of this lease, the parties of the second part, agree to sign an acknowledged termination or quitclaim deed to said claims.

16. It is expressly understood and agreed that the rights, privileges and covenants, agreements, stipulations and conditions herein contained shall extend to, bind and inure to the benefit of the heirs and assigns of the parties hereto.

17. All returns from or or minerals marketed to the advantage of the parties of the second part, or concentrates shipped to smelters or refinery shall be accounted for to the party of the first part, and there shall be paid by the parties of the second part to the party of the first part, from the gross proceeds of said returns, twelve per cent (12%) royalty which shall be the consideration from the parties of the second part for this Lease Agreement. Said payments are to be made

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made promptly within thirty (30) days of the ascertainment of said returns.

IN WITNESS WHEREOF, the parties hereto have signed their names, the day and year first above written.

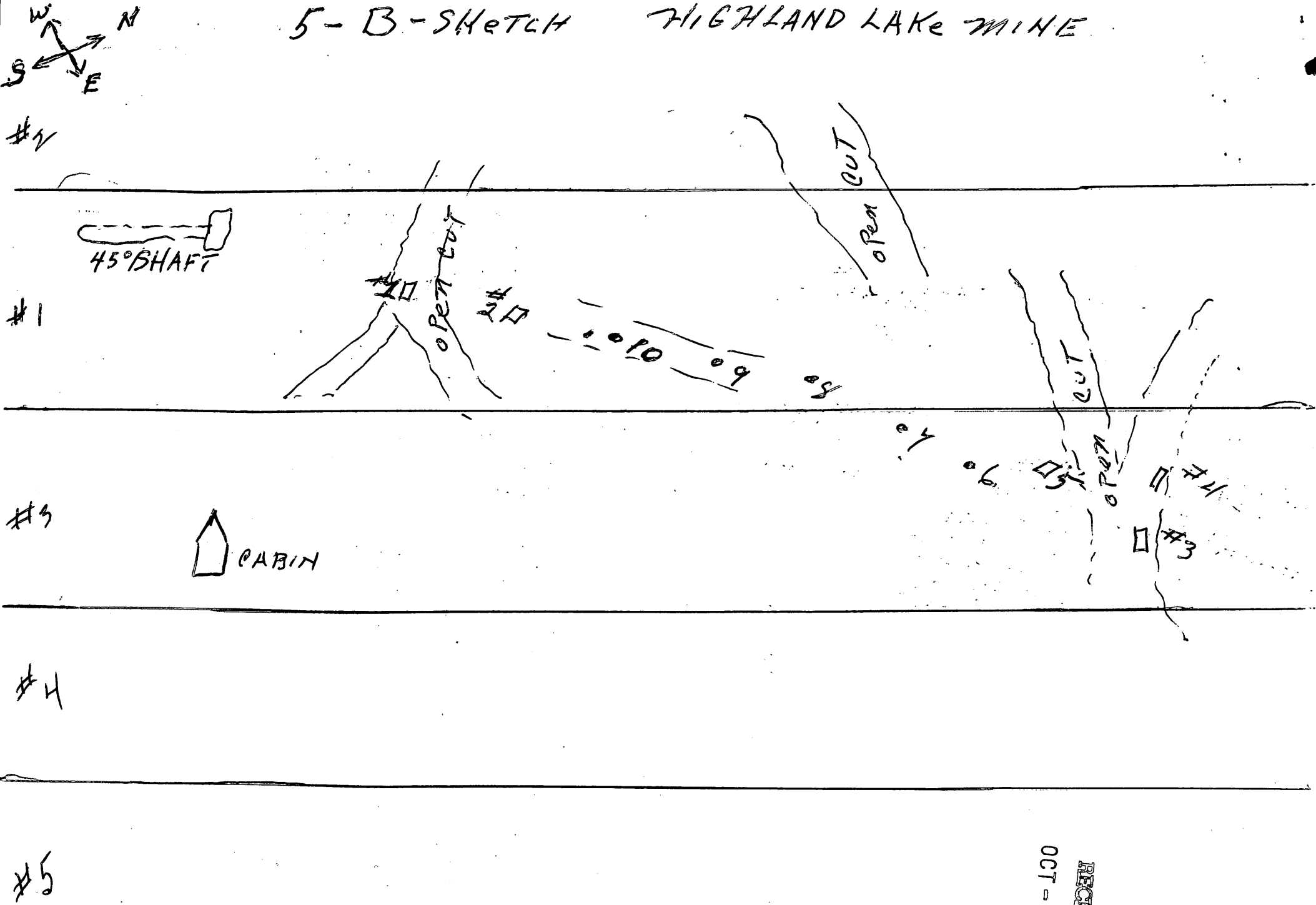
Philip C Munro
Party of the First Part

Philip C Munro

A P Leland

Ernest A Wheeler Jr.
Parties of the second part.

5-B-SKETCH HIGHLAND LAKE MINE



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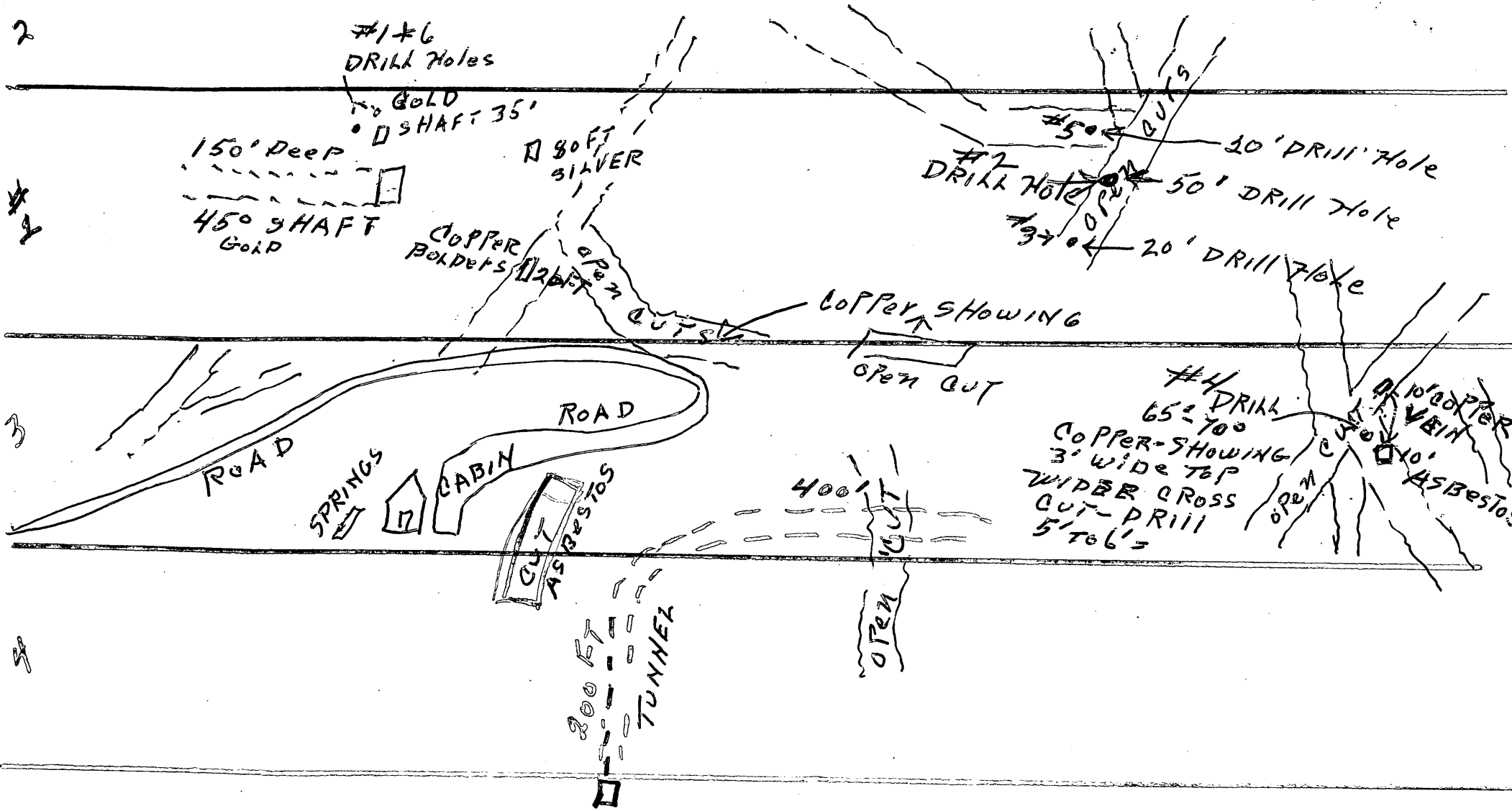
HILAND-MUNKO-WHEELER MINES HIGHLAND LAKE MINE
421 SACRAMENTO ST DUNSMUIR CALIF

#4-(A)



All open cuts 5' to 12'.
To HARD ROCK.

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DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
7/17	[illegible]	500
	[illegible]	500
7/17	[illegible]	110
17	[illegible]	100
		225
		500.

JUL 17 1957

Mr. Philip Munko
421 Sacramento Street
Dunsmuir, California

Re: Docket No. DMEA-4496 (Copper-Asbestos)
Philip Munko, Alexander R. Hiland,
and Ernest Wheeler, Jr.
NRA Claims
Shasta County, California

Dear Mr. Munko:

With reference to the cited application, we have been advised by Mr. Spangler Ricker, Executive Officer, DMEA Field Team, Region II, that you have requested that your application be withdrawn.

We are therefore, considering your application as having been withdrawn and are placing it in the inactive file. Nevertheless, please be assured that if you desire to submit another application in the future, it will be given every consideration.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

JWAlt/er 7/17/57
Copy to: Docket
Admr R File
Op. Committee
Mr. McMahon, USBM
Mr. Kiilsgaard, USGS
Region II (2)
Chron.

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
7/17	Alt.	500.

July 17, 1957

Memorandum

To: Director, Division of Operation Control and Statistics

From: Director, Division of Base Metals

Subject: Withdrawn of application, Docket No. DMEA-4496, Philip Munko, Alexander R. Hiland and Ernest Wheeler, Jr., NRA Claims, Shasta County, California, Copper-Asbestos.

Will you please withdraw the cited application. This is being done upon the request of the Applicant and the recommendation of the Executive Officer, DMEA Field Team, Region II.

W. R. Griswold

W. R. Griswold

JWAlt/er
Copy to: Admr R File
Chron.

8623

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

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DATE	INITIALS	CODE
7/3	C	220
7/3	alb	500

July 1, 1957

Memorandum

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMEA-4496 (Copper-Asbestos)
Philip Munko, Alexander R. Hiland, and
Ernest Wheeler, Jr.
Highland Lake Mine
Shasta County, California

Enclosed are two copies of a letter dated June 28, 1957 in which the Applicants request that their application (Docket No. DMEA-4496) be withdrawn. I recommend that this request be granted. Pertinent data that would indicate the property may have potential value has never been presented.

S. Ricker

Encls.

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RECEIVED JUL 3 1957

DATE	INITIALS	CODE
7/3	alb	500

June [illegible] 1957

Mr. S. Klaker, Executive Officer
DMEA Field Team - Region II
1605 Evans Avenue
Reno, Nevada

Dear Mr. Klaker:

Mr. [illegible] and myself have found what we consider a very good Circular property. We wish to have you set aside our application for DMEA [illegible] Circular [illegible] property.

Thank you for your part in [illegible]

Very [illegible]

[illegible]

[illegible]

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 3 1957

DATE	INITIALS	CODE

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

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1605 Evans Avenue
Reno, Nevada

Docket

December 6, 1956

Memorandum

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMEA-4496 (Copper-Asbestos)
Philip Munko, Alexander R. Hiland, and
Ernest Wheeler, Jr.
Highland Lake Mine
Shasta County, California

Enclosed are two copies of a memorandum to me from John D. Warne, which explains that the final examination of subject property will have to be held in abeyance until sometime in the spring of 1957 owing to weather conditions.

John D. Warne for
S. Ricker

Encls.

S. Ricker, Executive Officer, DMEA Field Team, Region II

12/4/56

John D. Warne, Mining Engineer

Docket No. DMEA-4496 (Copper-Asbestos)
Philip Munko, Alexander R. Hiland, and Ernest Wheeler, Jr.
Highland Lake Mine
Shasta County, California

A visit to this property was made on November 28, 1956 by Robert G. Reeves of the Geological Survey and John D. Warne of the Bureau of Mines. Applicants Philip Munko and A. R. Hiland accompanied the field team to the mine.

The proposed exploration area was covered with snow and all shafts, trenches and other excavations were filled with water and ice. Therefore, completion of the examination was impossible at that time.

The applicants agreed to notify the Executive Officer, DMEA, as to when examination can be made at a later date. Due to the isolated location and high elevation of this property, an examination will probably not be possible until about June 1957 or later.

John D. Warne

John D. Warne

File Copy
Surname

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

500

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

OCT 26 1956

Re: Docket No. DMEA-4496 (Copper-Asbestos)
Philip Munko, Alexander R. Hiland,
and Ernest Wheeler, Jr.
Highland Lake Mine
Shasta County, California

Dear Mr. Ricker:

The cited application is being referred to your office for consideration, a field examination of the property if warranted, and recommendation.

We realize that the information contained in the application is very meager and incomplete but, rather than write to the Applicants for additional information and delaying the processing of the application, we are referring it directly to you.

The Applicants' estimated costs are excessively high and should be carefully reviewed by the Field Team. If you should consider the application favorably, the Applicants should be requested to obtain, if possible, three independent bids for the diamond drilling.

In the event that you should consider the application favorably, the Applicants should be requested to obtain a Consent to Lien and Subordination Agreement from the owner of the property.

Copies of memoranda dated October 18 and October 22, 1956, by N. E. Nelson, Geological Survey, and J. W. Pennington, Bureau of Mines, respectively, relating to the project, are enclosed for your information.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GCS)

Enclosures

APPROVED:

Frank D. Lamb (GCS)
Member, Bureau of Mines

Thor H. Kiilsgaard (GCS)
Member, Geological Survey

JWAlt/er 10/25/56
Copy to: Docket
Admr R File
Op. Committee
Base Metals
Mr. Pennington, USBM
Mr. Kiilsgaard, USGS
Chron.

R.C.S.

File Copy
Surname
J. ALD
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Lamb
Selfridge

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

OCT 26 1956

Mr. Philip Munko
421 Sacramento Street
Dunsmuir, California

Re: Docket No. DMEA-4496 (Copper-Abestos)
Philip Munko, Alexander R. Niland,
and Ernest Wheeler, Jr.
Highland Lake Mine
Shasta County, California

Dear Mr. Munko:

Your application for Government assistance to explore the cited property has been reviewed by the Base Metals Division of the Defense Minerals Exploration Administration and is referred to:

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

If additional information concerning your application is needed, the Field Team will get in touch with you at an early date.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

JWAlt/er 10/25/56
to: Docket
Admr R File
Op. Committee
Base Metals
Mr. Pennington, USBM
Mr. Kiilsgaard, USGS
Region II (2)
Chron.

R.C.

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

RECEIVED
OCT 23 1956

October 22, 1956

Memorandum

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

From: Commodity Specialist, Branch of Base Metals

Subject: Review of application, Docket No. DMEA 4496 (copper-asbestos), Munko, Hiland, and Wheeler, Highland Lode Mine, Shasta County, California. $21,890.00

The applicant proposes to explore for copper and asbestos at the Highland Lake mine by 1000 feet of drilling, 50 feet of shafting, and 50 hours of bulldozing work at an estimated total cost of $21,890.00.

Although the application states that copper, asbestos, gold and silver are present, no information is provided on the grade or extent of mineralization. In fact, too little information is given to permit an accurate evaluation of the program or justification for the work.

In additional, for such a small quantity of work, the supervision and consultant costs seem excessive. Other costs, those for a cook, should be excluded.

Apparently, little would be gained by asking the applicant for additional necessary information. Therefore, it is recommended that the application be referred to the Field Team for appropriate action.

J. W. Pennington

J. W. Pennington

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

IN REPLY REFER TO:

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

RECEIVED
OCT 19 1956

October 18, 1956

Re: DMEA 4496
Philip Munko, et al.
Highland Lake Mine
Shasta County, California
$21,890 - Copper, Asbestos

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 in exploring for copper and asbestos by bulldozing, pit digging, diamond drilling and shaft sinking. The copper occurs in veins, the asbestos in veins and beds. How much copper and asbestos is not stated although considerable work, which should have provided some pertinent information, has been done.

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

N. E. Nelson

N. E. Nelson

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
Washington 25, D. C.

October 17, 1956

Mr. Philip Munko
421 Sacramento Street
Dunsmuir, California

Subject: DMEA-4496
Re: Exploration Assistance
Highland Lake Mine

Dear Mr. Munko

Your application for exploration assistance, dated October 1, 1956 submitted to our office at Reno, has been assigned Docket Number DMEA-4496 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, Chief
Operations Control and
Statistics Division

Copy to:

Region II. Reno, Nevada

Code 500