Docket Copy

ASSIGNMENT OF CONTRACT

WHEREAS, Elmer L. Allen and Jessie M. Allen, husband and wife and partners, entered into an Exploration Project Contract, Idm-2463, Docket No. DMEA-2163, dated October 27, 1952, as amended (hereinafter called the "Contract"), with the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration (hereinafter called the "Government"); and

WHEREAS, the land which is the subject of the Contract was formerly owned by both partners, and by an instrument dated November 18, 1953 Jessie M. Allen conveyed her interest in said land to her husband, Elmer L. Allen; and

WHEREAS, Jessie M. Allen desires to transfer her interest in the Contract to Elmer L. Allen;

NOW THEREFORE, Jessie M. Allen, in consideration of the sum of One Dollar ($1.00) and other good and valuable consideration received from Elmer L. Allen, does hereby assign, transfer, and convey to Elmer L. Allen all of her right, title, and interest in the Contract.

Jessie M. Allen agrees to release and hereby releases the Government from any and all claims arising out of the Contract.

This assignment is subject to the written acceptance of the assignee, Elmer L. Allen; to assumption by the assignee of the terms, provisions, and conditions of the Contract; and to the written consent of the Government.

Dated this 31st day of May, 1954.

Jessie M. Allen

Jessie M. Allen

ASSIGNEE'S ACCEPTANCE

The assignee, Elmer L. Allen, this 31st day of May, 1954, hereby accepts the above assignment and assumes and agrees to be bound by the terms, provisions, and conditions of the Contract.

Elmer L. Allen

Elmer L. Allen

GOVERNMENT'S CONSENT

The Government, this 14th day of April, 1954, hereby consents to the above assignment without releasing Jessie M. Allen from any claims which the Government might have on the date this consent was executed.

THE UNITED STATES OF AMERICA

By C. A. Mittendorf
Administrator, Defense
Minerals Exploration
Administration

By Hoffman
Chemical

Docket copy

EXPLORATION PROJECT CONTRACT
ELMER L. ALLEN
DOCKET NO. DMEA-2103

AMENDMENT NO. 3

It is agreed this 8th day of November, 1954, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, and Elmer L. Allen, that Exploration Project Contract Idm-E423 (Docket No. DMEA-2103), dated October 27, 1952, as amended, is further amended as follows:

1. In Article 3 of the Contract form the period for completion of the work is extended to "twenty-seven months." (Amendment No. 2 extended the period from "one year" to "two years.")

2. Annex I attached to Amendment No. 2 is cancelled, and Annex II, attached hereto and made a part hereof, is substituted for the royalty provisions of Article 6 of the Contract form.

3. That part of the second sentence of Article 7 beginning with the word "Provided" is deleted.

This amendment shall not be construed to increase the estimated total cost of the project, the aggregate total amount which the Government may be required to contribute, or the agreed unit cost of any item of work.

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By C. W. Mittendorf
Administrator, Defense Minerals
Exploration Administration

Brinkin
Hoffman
Ching
Ellis
Chandler
Selfridge

ELMER L. ALLEN

Elmer L. Allen

EXPLORATION PROJECT CONTRACT
ELMER L. ALLEN
DOCKET NO. DMEA-2103
ANNEX II

The following provisions are in lieu of Article 6 :

Repayment by Operator.--a. Certification.--If the Government considers that a discovery or development from which production may be made has resulted from the work, the Government, at any time not later than six months after the Operator has rendered the final report and final account, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development.

b. Royalty on production.--The Operator, as principal, if the Operator is the producer, or as surety, if the Operator is not the producer, shall pay to the Government a royalty on all minerals mined or produced from the land,* as follows: (1) regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification, or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first; or (2) if the Government makes a certification of discovery or development, for a period of ten years‡ from the date of the contract, or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first.

c. Basis for computation.--The Government's royalty shall be a percentage of the gross proceeds (including any bonuses, premiums, allowances, or other benefits) from the production sold, in the form sold (ore, concentrates, metal, or equivalent), at the point of delivery (the f.o.b. point); except, that charges of the buyer arising in the regular course of business, and shown as deductions on the buyer's settlement sheets, on account of the cost of treatment processes performed by the buyer, sampling and assaying to determine the value of the production sold, and freight paid by the buyer to a carrier (not the Operator), shall be allowed as deductions in arriving at the "gross proceeds" as that term is used herein. Any costs of treatment processes, sampling or assaying, or transportation, performed or paid by the

* The word "land" refers to the land described in Article 2 of the Contract form.

‡ The period "twelve years" is substituted for the period "ten years."

Operator or by anyone other than the buyer, are not deductible in arriving at the "gross proceeds" as that term is here used. The term "treatment processes," as here used, means those processes (such as milling, concentrating, smelting, refining, or equivalent) applied to the raw ore or other production after it is extracted from the ground, to put it into a commercially marketable form; excluding fabricating or manufacturing.

d. Unsold production.--If any production (ore, concentrates, metal, or equivalent), after the lapse of six months from the date the ore was extracted from the ground, remains neither sold nor used by the Operator in integrated manufacturing or fabricating operations (for instance, if it is stockpiled), the Government, at its option, as long as it so remains, may require the computation and payment of its royalty on the value of such production in the form (ore, concentrates, metal, or equivalent) it is in when the Government elects to require computation and payment. If any production is used by the Operator in integrated manufacturing or fabricating operations before the Government makes its election, the Government's royalty on such production shall be computed on the value thereof in the form in which and at the time when it is so used. "Value" as here used means what is or would be gross income from mining operations for percentage depletion purposes in Federal income tax determination, or the market value, whichever is greater.

e. Percentages of royalty.--The percentages of the Government's royalty shall be as follows:

> One and one-half ($1\frac{1}{2}$) percent of amounts ("gross proceeds" or "value") not in excess of eight dollars ($8.00) per ton of production in the form in which sold, held, or used, plus one-half ($\frac{1}{2}$) percent for each additional full fifty cents ($0.50) by which such amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) percent of such amounts.
>
> (For instance: the royalty on an amount of five dollars ($5.00) per ton, would be one and one-half ($1\frac{1}{2}$) percent; on an amount of ten dollars ($10.00) per ton, three and one-half ($3\frac{1}{2}$) percent.)

f. Lien for payment.--To secure the payment of its percentage royalty, there is hereby granted to the Government a lien upon the land or the Operator's interest in the land and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

g. Notice to purchasers.--The Operator shall give notice of the Government's claim for royalty to any purchaser of the production, and shall authorize and direct such purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets. If the records of any production and sales or other disposition of production, whether the production is by the Operator or by others, are not made available to the Government, the amount of the royalty may be estimated by the Administrator, Defense Minerals Exploration Administration, or his successor, and his estimate thereof shall be final and binding upon the Operator.

h. No obligation to produce.--Nothing in this contract is to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

i. Government not obligated to buy.--Nothing in this contract shall be construed as imposing any obligation on the Government to purchase any minerals mined or produced from the land.

Docket Copy

DEPARTMENT OF THE INTERIOR
Solicitor-Chief's Administration
RECEIVED
DEC 22 1953

Rec'd 1/5/54

Exploration Project Contract No. Idm-1423
Elmer L. and Jessie M. Allen
Docket No. DMEA-2103

Amendment No. 2

It is agreed this 16th day of December 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, and Elmer L. and Jessie M. Allen, that Exploration Project Contract Idm-1423, Docket No. DMEA-2103, dated October 27, 1952, is hereby amended as follows:

1. During the period from November 10, 1953, to not later than May 31, 1954: (a) the project work shall be recessed; (b) the Government shall not contribute to any costs incurred by the Operator; and (c) the Operator shall save the Government harmless from any and all claims, and preserve and protect the project work and any property in which the Government has an interest.

2. The date at which the project shall be brought to completion is extended from a period of one (1) year to a period of two (2) years.

3. In lieu of Article 6, the provisions of Annex I attached hereto and made a part hereof, are substituted.

This amendment shall not be construed to increase the estimated total cost of the project, nor the aggregate total amount which the Government may be required to contribute.

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

A. E. Weissenborn

A. E. Weissenborn, Executive Officer
DMEA Field Team, Region II

ELMER L. and JESSIE M. ALLEN

Elmer L. Allen

Elmer L. Allen

Jessie M. Allen

Jessie M. Allen

ANNEX I

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 28 1953

The following provisions are in lieu of Article _____:

Repayment by Operator.--a. Certification.--If at any time the Government considers that a discovery or development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after the Operator has rendered the final report and final account, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development.

b. Percentage royalty.--The Operator, or his successor in interest, shall pay to the Government a royalty on all minerals mined or produced from the land described in Article 2,--(1) regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification of discovery or development, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first, unless the Government waives its right to a royalty; or (2) if the Government makes a certification of discovery or development, for a period of ten years (or other period fixed by this contract) from the date of the contract, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first. Said royalty shall be a percentage of the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production (including any bonuses), in whatever form disposed of, including ore, concentrates, or metal, as follows:

(a) One and one-half ($1\frac{1}{2}$) per cent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(b) One and one-half ($1\frac{1}{2}$) per cent of any such net amounts, plus one-half ($\frac{1}{2}$) per cent of such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) per cent of such net amounts.

(For instance: the percentage royalty on a net amount of five dollars ($5.00) per ton, would be one and one-half ($1\frac{1}{2}$) per cent; on a net amount of ten dollars ($10.00) per ton, three and one-half ($3\frac{1}{2}$) per cent.)

c. Definitions.--As here used, "net smelter returns", "net concentrator returns", and "other net amounts realized from the sale or other disposition", mean gross revenue from sales; or if not sold, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be gross income from mining operations for percentage depletion purposes in income tax determination.

d. Lien for Payment.--To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

e. Notice to Purchasers.--The Operator shall notify any purchaser of the production of the Government's royalty interest, and shall authorize and direct the purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets; but failure or refusal by the purchaser to comply shall not relieve the Operator of liability to pay any royalty falling due.

f. No Obligation to Produce.--This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

49450

DOCKET COPY

Docket No. DMEA 2103 (Cu)

AMENDMENT NO. 1

It is agreed this 2nd day of September 195 3, between the United States of America, acting through the Department of the Interior, Defence Minerals Administration, and

Elmer and Jessie Allen

each acting in consideration of the agreement of the other to the terms hereinafter set forth, that the Exploration Project Contract Idm-E 423 of October 27 195 2 between the parties hereto be modified and amended as described in Exhibit "F" attached hereto, which, with any maps or drawings attached thereto, is made a part of this agreement. The effective date of this amendment shall be August 24 195 3.

This amendment is made by authority granted the Executive Officer, DMEA Field Team, Region II, in Order No. 2684 by the Acting Secretary of the Interior.

This amendment shall not be construed to increase the estimated total cost of the project, the amount of the Government's contribution, or any item of allowable cost which is expressly designated "Allowable Maximum."

Executed in sextuplicate the day and year first above written.

ELMER AND JESSIE ALLEN
(Operator)

By Elmer L. Allen

By Jessie Allen

THE UNITED STATES OF AMERICA

By A. E. Weissenborn
A. E. Weissenborn, Exec. Officer
DMEA Field Team, Region II

ELMER AND JESSIE ALLEN PROPERTY
Exploration Project Contract Idm-EA23
Docket No. DMEA 2103 (copper)

AMENDMENT NO. 1

Exhibit "p"

Changes and Modifications

In Exhibit "A" of the contract under Agreed Estimated Costs delete all items and add the following:

1.	318 feet rehabilitation of tunnel @ $4.50/ft.	$ 1,431.00
2.	45 feet rehabilitation of caved drift @ $12/ft.	540.00
3.	294.3 feet drifting or crosscutting @ $30/ft.	8,829.00
	Total cost of contract	$10,800.00
	Government participation @ 50%	$ 5,400.00

KEMER AND JERRIE ALLEN PROPERTY
Exploration Project Contract Idm-2423
Docket No. DMEA 2163 (copper)

Justification of Amendment No. 1

As shown on the attached sketch, the crosscut driven to by-pass the caved drift intersected the drift after an advance of 60 feet on a bearing of S. 75° E. The crosscut by-passed the portion of the caved drift that would have required spiling and the drift from this point on could be rehabilitated for a cost of $12/ft. for a distance of 45 feet; then a crosscut approximately 17 feet in length could be driven to intersect the vein.

It would be to the advantage of the Government and the Operator to rehabilitate the 45 feet of drift that is partially caved in that more funds will be available for further exploration on the vein.

W. S. Anderson

MF-200 (A)
(February 1952)

DOCKET NO. DMEA 2103

COMMODITY Copper

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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DEC 8 1952

1 Docket Copy

IDM-E 423

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

EXPLORATION PROJECT CONTRACT[1]

(Short Form)

IT IS AGREED this 27th day of October, 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and[2] Elmer L. and Jessie M. Allen, partners
155 East 6790 South, R. F. D.,
Midvale, Utah

hereinafter called the "Operator," as follows:

ARTICLE 1. *Authority for contract.*—This agreement is entered into under the authority of the Defense Production Act of 1950, as amended, pursuant to DMEA Order 1 entitled "Government Aid in Defense Exploration Projects."

ARTICLE 2. *Operator's property rights.*—With respect to that certain land situated in the State of Montana, County of ~~Sanders~~ Sepey Creek Mining District, described as follows:[3] New Deal, Blue Eyed Nellie, Lucky Mart, Isabel, and Little Joe, unpatented lode mining claims recorded in Sanders County, Montana, Book 15 of Mining Locations at pages 163, 165, 167, 169, and 171, as shown on map Exhibit "B" attached hereto and made a part hereof.
the Operator represents and undertakes:[4]

(*a*) That the Operator is the owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached: None

(*b*) ~~That the Operator is a lessee, in possession and entitled to possession, and the Owner's Consent to Lien is attached.~~
The Operator shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of the exploration project without any allowance for the use, rental value, depreciation, depletion, or other cost of acquiring, owning, or holding possession thereof.

ARTICLE 3. *Exploration project.*—The Operator, within 180 days from the date of this contract shall commence work on a project of exploration for[5] Copper

in or upon the described land; and shall bring the project to completion within a period of one year from the date of this contract. The work to be performed is more fully described in Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, are made a part of this contract. The Government will contribute to the cost of this work as hereafter provided. The work shall be performed by the Operator or by independent contractor or contractors efficiently, expertly, in a workmanlike manner, in accordance with good mining standards and State regulations for health and safety and for workmen's compensation and employers' liability insurance, with suitable and adequate equipment, materials, and labor, to bring the project to completion within the time fixed. The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

ARTICLE 4. *Costs of the project.*—The agreed, estimated costs of performing the work, expressed in terms of units of work to be performed (per foot of drifting, per foot of drilling, per cubic yard of material to be moved, etc.) are set forth in Exhibit "A," attached hereto. The Government will pay 50 percent of these agreed, estimated costs, as they accrue, for units of work actually performed that conform with the description or specifications for the work set forth in this contract, in an aggregate total amount not in excess of $5,400.00, which is 50 percent of $10,800.00 the agreed, estimated total cost of the project in which the Government will participate: *Provided,* That until the Operator's final report and final accounting have been rendered to the Government and any final check or auditing required by the Government has been made, and a final settlement of the contract has been made, the Government may withhold from the last voucher or vouchers such sums as it sees fit not in excess of ten (10) percent of the maximum total which the Government might have been called upon to pay under the terms of the contract. The Government may, as it sees fit, make payments direct to the Operator's independent contractors, if any, for the account of the Operator, rather than to the Operator.

ARTICLE 5. *Reports, accounts, audits.*—(*a*) *Progress reports.* The Operator shall provide the Government with monthly reports of units of work performed under the contract, in quintuplicate (five copies), upon forms provided by the Government. These progress reports shall be certified by the Operator, and shall constitute both the Operator's invoice of units of work performed on the project during the period covered by the report and his voucher for repayment by the Government, unless the Government requires the use of a standard voucher form with invoice attached. Progress reports shall include surface and/or underground engineering-geological maps or sketches showing the progress of the exploration, with assay-reports on samples taken concurrently with the advance in mineralized ground.

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] State name, address, and nature of organization if any.
[3] Give legal description or enough to identify the property, particularly excluding any land or interest therein to which the Government's lien is not to attach or the production from which is not to be subject to the Government's percentage royalty.
[4] Strike out the provision not applicable.
[5] Name of mineral or minerals.

(*b*) *Final report.*—Upon completion of the exploration work or termination of the contract the Operator shall provide the Government with an adequate geological and engineering report, in quintuplicate (five copies), including an estimate of ore reserves resulting from the exploration work.

(*c*) *Compliance with requirements.*—If, in the opinion of the Government, any of the Operator's reports are insufficient or incomplete, the Government may procure the making or completion of such reports and attachments as an expense of the exploration work; and the Government may withhold approval and payment of any vouchers depending upon insufficient or incomplete reports.

(*d*) *Accounts and audits.*—The Operator shall keep suitable records and accounts of the units of work performed, which the Government may inspect and audit at any time. The Government may at any time require a check of the work performed and an audit of the Operator's records and accounts, by a certified public accountant or otherwise, the cost thereof to be treated as a cost of the project. The Operator shall keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract. Upon the completion of the project or termination of the contract the Operator shall render a final account and statement of work performed to accompany his final report.

ARTICLE 6. *Repayment by Operator.*—(*a*) If, at any time, the Government considers that a discovery or a development from which production may be made has resulted from the exploration work, the Government, at any time not later than 6 months after the Operator has rendered the required final report and final account, may so certify in writing to the Operator. The certification shall describe broadly or indicate the nature of the discovery or development. In the event of such certification, any minerals mined or produced from the land described in Article 2 within 10 years from the date of this contract, including any mined or produced before the certification, shall be subject to a percentage royalty which the Operator or his successor in interest shall pay to the Government, upon the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, until the total amount contributed by the Government, without interest, is fully repaid, or said 10 years have elapsed, whichever occurs first, as follows:

(1) One and one-half (1½) percent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(2) One and one-half (1½) percent of any such net amounts, plus one-half (½) percent of such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) percent of such net amounts.

(For instance: The percentage royalty on a net amount of five dollars ($5.00) per ton, would be one and one-half (1½) percent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) percent.)

(*b*) As here used, "net smelter returns," "net concentrator returns," and "other net amounts realized from the sale or other disposition," mean gross revenue from sales, or if not sold, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be the gross income from mining operations for percentage depletion purposes in income-tax determination.

(*c*) To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(*d*) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

ARTICLE 7. *Assignment, transfer, or loss of Operator's interest.*—Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder. The Operator shall not make any voluntary nor permit any involuntary transfer or conveyance of the Operator's rights in the land described in Article 2, without making suitable provision for the preservation of the Government's right to a percentage royalty on production and lien for the payment thereof; *Provided*, that mere failure by the Operator to maintain the Operator's rights in the land, without any consideration running to the Operator other than relief from the cost of maintaining such rights (as by surrender of a leasehold, failure to perform assessment work, or failure to exercise an option), coupled with complete abandonment by the Operator of all interest in or operations on the land for a period of 10 years from the date of this contract, shall not constitute such a transfer or conveyance. Should the Operator make or permit any transfer or conveyance in violation of this provision, the Operator shall be and remain liable for payment to the Government of the same amounts, at the same times, as would have been paid under the terms of the percentage royalty on production. If for any reason the net smelter returns, net concentrator returns, or other net amounts realized from the sale or other disposition of such production are not available as a means of measuring the amount of the Operator's liability, the amount thereof shall be estimated as well as may be, and in the event of dispute as to such estimates, the determination thereof by the Administrator of Defense Minerals Exploration Administration or by his successor shall be final and binding upon the Operator.

ARTICLE 8. *Termination and completion.*—The Government may, at any time, by written notice to the Operator, terminate this contract: (*a*) If the Operator fails to provide his share of the money necessary to prosecute operations pursuant to the terms of the contract; (*b*) if the Operator, in the opinion of the Government, fails to prosecute operations pursuant to the terms of the contract; or (*c*) if, in the opinion of the Government, operations up to the time of the notice have not indicated the probability of making any worth while discovery and in the opinion of the Government further operations are not justified.

ARTICLE 9. *Changes and added provisions* .....

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

Elmer L. Allen

Elmer L. Allen ~~xxxx~~ Partner

By Jessie M. Allen

Jessie M. Allen - Partner

By [illegible]

Administrator - Defense Minerals Exploration Administration

I, , certify that I am the secretary of the corporation named as Operator herein; that , who signed this contract on behalf of the Operator, was then of said corporation; that said contract was duly signed for and in behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

[CORPORATE SEAL]

U. S. GOVERNMENT PRINTING OFFICE 16—66329-1

EXPLORATION PROJECT CONTRACT
ELMER L. and JESSIE M. ALLEN
DOCKET NO. DNEA-2103

EXHIBIT "A"

Description of the Work

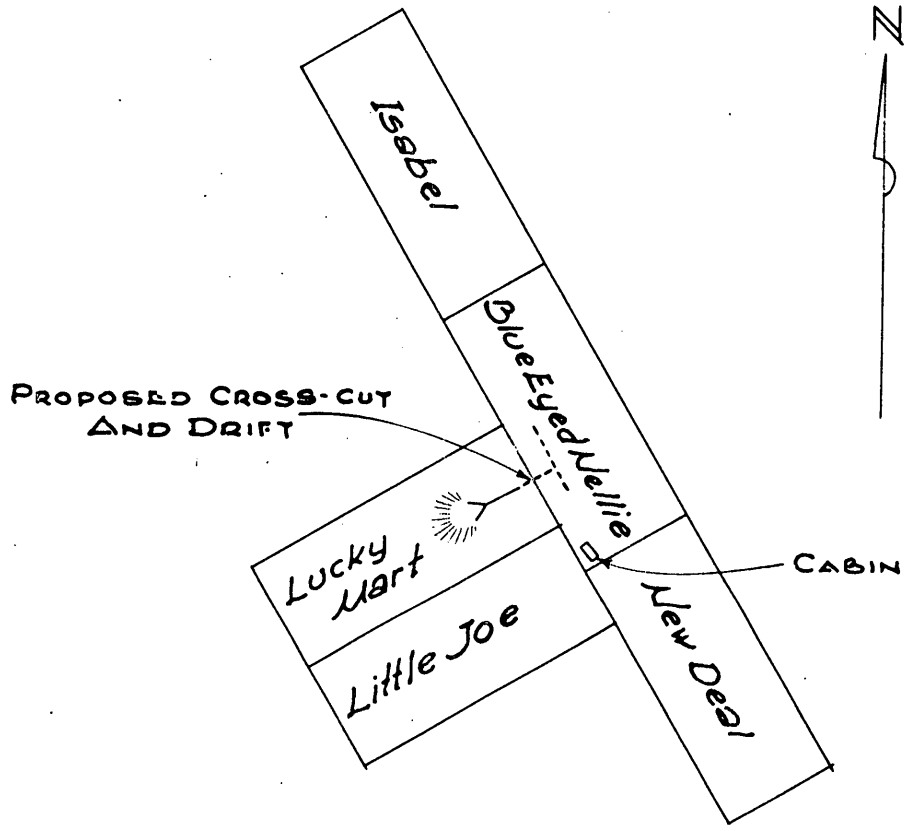
The object of the work, as indicated on maps Exhibits "B" and "C" attached hereto, and made a part hereof, is to explore a vein which has yielded high grade copper ore, by continuing an old crosscut tunnel, which was discontinued before reaching the vein. The tunnel (and some short lateral work) will require an estimated 400 feet of rehabilitation, and will be continued to the vein.

The vein is to be explored by drifting in either or both directions. The total amount of crosscutting and drifting is to be 300 feet. The crosscut and drifts are to be approximately 5 feet by 7 feet in the clear of any timber that may be necessary.

The direction and extent of the work shall be determined with the approval of the Government.

AGREED ESTIMATED COSTS

400 feet rehabilitation of tunnel @ $4.50 per ft.	$1,800.00	
300 feet of drifting or crosscutting @ $30.00 per ft.	9,000.00	
Total Cost of Contract		$10,800.00
Government Participation 50%		$ 5,400.00



CLAIM MAP OF ALLEN PROSPECT
SANDERS COUNTY, MONTANA
AFTER SKETCH PROVIDED BY
OPERATOR
APPROXIMATE SCALE: 1" = 1000'

Exhibit B

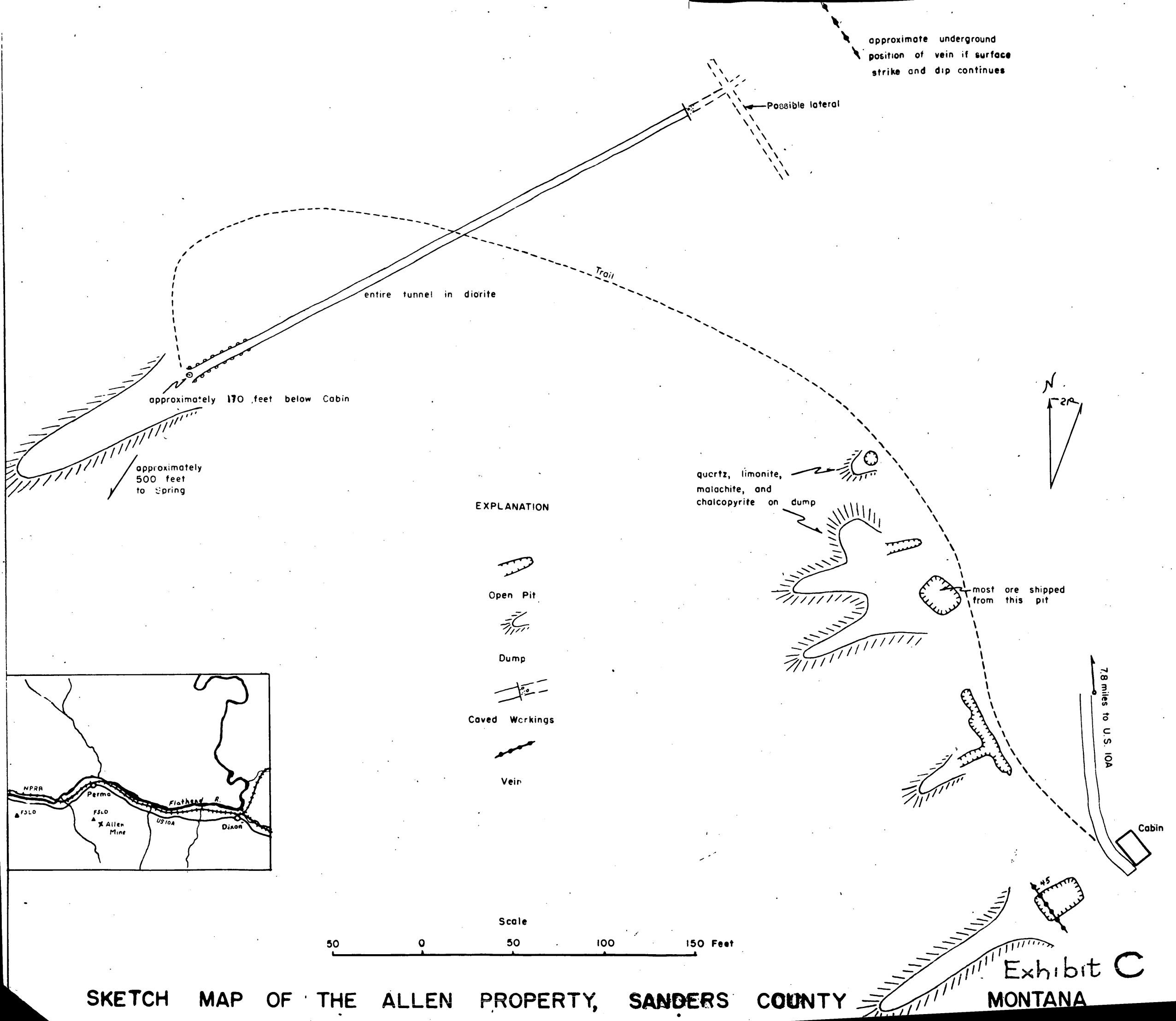


Exhibit C

SKETCH MAP OF THE ALLEN PROPERTY, SANDERS COUNTY MONTANA

MF-200 (A)
(February 1952)

DOCKET NO. DMEA 2103

COMMODITY Copper

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

EXPLORATION PROJECT CONTRACT[1]

(Short Form)

IT IS AGREED this _____ day of _____, 195__, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and[2] Elmer L. and Jessie M. Allen, partners, 2788 Beverly St., Salt Lake City 6, Utah

hereinafter called the "Operator," as follows:

ARTICLE 1. *Authority for contract.*—This agreement is entered into under the authority of the Defense Production Act of 1950, as amended, pursuant to DMEA Order 1 entitled "Government Aid in Defense Exploration Projects."

ARTICLE 2. *Operator's property rights.*—With respect to that certain land situated in the State of Montana, County of Sanders, described as follows:[3] New Deal, Blue Eyed Nellie, Lucky Mart, Isabel, and Little Joe, unpatented lode mining claims recorded in book 15, pages 163, 165, 167, 169, and 171 in the records of Sanders County, Montana

the Operator represents and undertakes:[4]

(*a*) That the Operator is the owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached: None

(*b*) ~~That the Operator is a lessee, in possession and entitled to possession, and the Owner's Consent to Lien is attached.~~

The Operator shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of the exploration project without any allowance for the use, rental value, depreciation, depletion, or other cost of acquiring, owning, or holding possession thereof.

ARTICLE 3. *Exploration project.*—The Operator, within 180 days from the date of this contract shall commence work on a project of exploration for[5] Copper

in or upon the described land; and shall bring the project to completion within a period of one year from the date of this contract. The work to be performed is more fully described in Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, are made a part of this contract. The Government will contribute to the cost of this work as hereafter provided. The work shall be performed by the Operator or by independent contractor or contractors efficiently, expertly, in a workmanlike manner, in accordance with good mining standards and State regulations for health and safety and for workmen's compensation and employers' liability insurance, with suitable and adequate equipment, materials, and labor, to bring the project to completion within the time fixed. The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

ARTICLE 4. *Costs of the project.*—The agreed, estimated costs of performing the work, expressed in terms of units of work to be performed (per foot of drifting, per foot of drilling, per cubic yard of material to be moved, etc.) are set forth in Exhibit "A," attached hereto. The Government will pay 50 percent of these agreed, estimated costs, as they accrue, for units of work actually performed that conform with the description or specifications for the work set forth in this contract, in an aggregate total amount not in excess of $5,400, which is 50 percent of $10,800, the agreed, estimated total cost of the project in which the Government will participate: *Provided,* That until the Operator's final report and final accounting have been rendered to the Government and any final check or auditing required by the Government has been made, and a final settlement of the contract has been made, the Government may withhold from the last voucher or vouchers such sums as it sees fit not in excess of ten (10) percent of the maximum total which the Government might have been called upon to pay under the terms of the contract. The Government may, as it sees fit, make payments direct to the Operator's independent contractors, if any, for the account of the Operator, rather than to the Operator.

ARTICLE 5. *Reports, accounts, audits.*—(*a*) *Progress reports.* The Operator shall provide the Government with monthly reports of units of work performed under the contract, in quintuplicate (five copies), upon forms provided by the Government. These progress reports shall be certified by the Operator, and shall constitute both the Operator's invoice of units of work performed on the project during the period covered by the report and his voucher for repayment by the Government, unless the Government requires the use of a standard voucher form with invoice attached. Progress reports shall include surface and/or underground engineering-geological maps or sketches showing the progress of the exploration, with assay-reports on samples taken concurrently with the advance in mineralized ground.

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] State name, address, and nature of organization if any.
[3] Give legal description or enough to identify the property, particularly excluding any land or interest therein to which the Government's lien is not to attach or the production from which is not to be subject to the Government's percentage royalty.
[4] Strike out the provision not applicable.
[5] Name of mineral or minerals.

(*b*) *Final report.*—Upon completion of the exploration work or termination of the contract the Operator shall provide the Government with an adequate geological and engineering report, in quintuplicate (five copies), including an estimate of ore reserves resulting from the exploration work.

(*c*) *Compliance with requirements.*—If, in the opinion of the Government, any of the Operator's reports are insufficient or incomplete, the Government may procure the making or completion of such reports and attachments as an expense of the exploration work; and the Government may withhold approval and payment of any vouchers depending upon insufficient or incomplete reports.

(*d*) *Accounts and audits.*—The Operator shall keep suitable records and accounts of the units of work performed, which the Government may inspect and audit at any time. The Government may at any time require a check of the work performed and an audit of the Operator's records and accounts, by a certified public accountant or otherwise, the cost thereof to be treated as a cost of the project. The Operator shall keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract. Upon the completion of the project or termination of the contract the Operator shall render a final account and statement of work performed to accompany his final report.

ARTICLE 6. *Repayment by Operator.*—(*a*) If, at any time, the Government considers that a discovery or a development from which production may be made has resulted from the exploration work, the Government, at any time not later than 6 months after the Operator has rendered the required final report and final account, may so certify in writing to the Operator. The certification shall describe broadly or indicate the nature of the discovery or development. In the event of such certification, any minerals mined or produced from the land described in Article 2 within 10 years from the date of this contract, including any mined or produced before the certification, shall be subject to a percentage royalty which the Operator or his successor in interest shall pay to the Government, upon the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, until the total amount contributed by the Government, without interest, is fully repaid, or said 10 years have elapsed, whichever occurs first, as follows:

(1) One and one-half (1½) percent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(2) One and one-half (1½) percent of any such net amounts, plus one-half (½) percent of such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) percent of such net amounts.

(For instance: The percentage royalty on a net amount of five dollars ($5.00) per ton, would be one and one-half (1½) percent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) percent.)

(*b*) As here used, "net smelter returns," "net concentrator returns," and "other net amounts realized from the sale or other disposition," mean gross revenue from sales, or if not sold, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be the gross income from mining operations for percentage depletion purposes in income-tax determination.

(*c*) To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(*d*) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

ARTICLE 7. *Assignment, transfer, or loss of Operator's interest.*—Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder. The Operator shall not make any voluntary nor permit any involuntary transfer or conveyance of the Operator's rights in the land described in Article 2, without making suitable provision for the preservation of the Government's right to a percentage royalty on production and lien for the payment thereof; *Provided,* that mere failure by the Operator to maintain the Operator's rights in the land, without any consideration running to the Operator other than relief from the cost of maintaining such rights (as by surrender of a leasehold, failure to perform assessment work, or failure to exercise an option), coupled with complete abandonment by the Operator of all interest in or operations on the land for a period of 10 years from the date of this contract, shall not constitute such a transfer or conveyance. Should the Operator make or permit any transfer or conveyance in violation of this provision, the Operator shall be and remain liable for payment to the Government of the same amounts, at the same times, as would have been paid under the terms of the percentage royalty on production. If for any reason the net smelter returns, net concentrator returns, or other net amounts realized from the sale or other disposition of such production are not available as a means of measuring the amount of the Operator's liability, the amount thereof shall be estimated as well as may be, and in the event of dispute as to such estimates, the determination thereof by the Administrator of Defense Minerals Exploration Administration or by his successor shall be final and binding upon the Operator.

ARTICLE 8. *Termination and completion.*—The Government may, at any time, by written notice to the Operator, terminate this contract: (*a*) If the Operator fails to provide his share of the money necessary to prosecute operations pursuant to the terms of the contract; (*b*) if the Operator, in the opinion of the Government, fails to prosecute operations pursuant to the terms of the contract; or (*c*) if, in the opinion of the Government, operations up to the time of the notice have not indicated the probability of making any worth while discovery and in the opinion of the Government further operations are not justified.

ARTICLE 9. *Changes and added provisions* .....

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.....

.....

SEP 2 1952
RECEIVED
Denver, Colorado
Defense Minerals Exploration Administration

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

.....
(Operator)

By .....

By .....

I, , certify that I am the secretary of the corporation named as Operator herein; that , who signed this contract on behalf of the Operator, was then of said corporation; that said contract was duly signed for and in behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

..... [CORPORATE SEAL]

U. S. GOVERNMENT PRINTING OFFICE 16—66329-1

Elmer L. and Jessie M. Allen, Partners
Proposed Contract

Exhibit "A"

Exploration Project

The exploration project shall consist of:

(1) Rehabilitate approximately 400 lin. ft. of crosscut adit.

(2) A maximum of 300 lin. ft. of crosscutting and drifting minimum section (4' x 6½') located as mutually agreed by the operator and the Government.

Cost of Project

(1) Rehabilitate 400 lin. ft. of adit @ $4.50/ft	$1,800
(2) Drift or crosscut 300 lin. ft. @ $30/ft.	9,000
Total	$10,800

MF-200 (A)
(February 1952)

DOCKET NO. DMEA 2103

COMMODITY Copper

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

EXPLORATION PROJECT CONTRACT[1]
(Short Form)

IT IS AGREED this _____ day of _____, 195__, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and[2] Elmer L. and Jessie M. Allen, partners, 2788 Beverly St., Salt Lake City 6, Utah

hereinafter called the "Operator," as follows:

ARTICLE 1. *Authority for contract.*—This agreement is entered into under the authority of the Defense Production Act of 1950, as amended, pursuant to DMEA Order 1 entitled "Government Aid in Defense Exploration Projects."

ARTICLE 2. *Operator's property rights.*—With respect to that certain land situated in the State of Montana, County of Sanders, described as follows:[3] New Deal, Blue Eyed Nellie, Lucky Mart, Isabel, and Little Joe, unpatented lode mining claims recorded in book 15, pages 163, 165, 167, 169, and 171 in the records of Sanders County, Montana

the Operator represents and undertakes:[4]

(*a*) That the Operator is the owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached: None

(*b*) ~~That the Operator is a lessee, in possession and entitled to possession, and the Owner's Consent to Lien is attached~~.
The Operator shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of the exploration project without any allowance for the use, rental value, depreciation, depletion, or other cost of acquiring, owning, or holding possession thereof.

ARTICLE 3. *Exploration project.*—The Operator, within 180 days from the date of this contract shall commence work on a project of exploration for[5] Copper

in or upon the described land; and shall bring the project to completion within a period of one year from the date of this contract. The work to be performed is more fully described in Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, are made a part of this contract. The Government will contribute to the cost of this work as hereafter provided. The work shall be performed by the Operator or by independent contractor or contractors efficiently, expertly, in a workmanlike manner, in accordance with good mining standards and State regulations for health and safety and for workmen's compensation and employers' liability insurance, with suitable and adequate equipment, materials, and labor, to bring the project to completion within the time fixed. The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

ARTICLE 4. *Costs of the project.*—The agreed, estimated costs of performing the work, expressed in terms of units of work to be performed (per foot of drifting, per foot of drilling, per cubic yard of material to be moved, etc.) are set forth in Exhibit "A," attached hereto. The Government will pay 50 percent of these agreed, estimated costs, as they accrue, for units of work actually performed that conform with the description or specifications for the work set forth in this contract, in an aggregate total amount not in excess of $5,400, which is 50 percent of $10,800, the agreed, estimated total cost of the project in which the Government will participate: *Provided,* That until the Operator's final report and final accounting have been rendered to the Government and any final check or auditing required by the Government has been made, and a final settlement of the contract has been made, the Government may withhold from the last voucher or vouchers such sums as it sees fit not in excess of ten (10) percent of the maximum total which the Government might have been called upon to pay under the terms of the contract. The Government may, as it sees fit, make payments direct to the Operator's independent contractors, if any, for the account of the Operator, rather than to the Operator.

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[4] Strike out the provision not applicable.
[5] Name of mineral or minerals.

(*b*) *Final report.*—Upon completion of the exploration work or termination of the contract the Operator shall provide the Government with an adequate geological and engineering report, in quintuplicate (five copies), including an estimate of ore reserves resulting from the exploration work.

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(1) One and one-half (1½) percent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(2) One and one-half (1½) percent of any such net amounts, plus one-half (½) percent of such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) percent of such net amounts.

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ARTICLE 9. *Changes and added provisions* .....

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DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 2 1952

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

.....
(Operator)

By .....

By .....

I, , certify that I am the secretary of the corporation named as Operator herein; that , who signed this contract on behalf of the Operator, was then of said corporation; that said contract was duly signed for and in behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

..... [CORPORATE SEAL]

U. S. GOVERNMENT PRINTING OFFICE 16—66329-1

Elmer L. and Jessie M. Allen, Partners
Proposed Contract

Exhibit "A"

Exploration Project

The exploration project shall consist of:

(1) Rehabilitate approximately 400 lin. ft. of crosscut adit.

(2) A maximum of 300 lin. ft. of crosscutting and drifting minimum section (4' x 6½') located as mutually agreed by the operator and the Government.

Cost of Project

(1) Rehabilitate 400 lin. ft. of adit @ $4.50/ft	$1,800
(2) Drift or crosscut 300 lin. ft. @ $30/ft.	9,000
Total	$10,800

Elmer L. and Jessie M. Allen, Partners
Proposed Contract

Exhibit "A"

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Total	$10,800

DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 2103

DO NOT DETACH THIS SLIP

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

This document has been recorded as

EXPLORATION LOAN

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

Routing Slip

CODE 310

To:	~~Copper Br.~~	Date	9-25-51
To:	Rec. Copper Branch	Date	9-25-51
To:	Op Com	Date	10-24-52
To:	Open Com	Date	11-8-54
To:		Date	
To:		Date	
To:		Date	
To:		Date	
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DO NOT DETACH

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CONTROLLED DOCUMENT

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

PROJECT SUMMARY REPORT

By: W. P. Klugescheid September 27, 1955

1. Docket No. DMEA-2103 (Copper)
   Contract No. Idm-E423
   Property: Allen Property
   Sanders County, Montana

   Operator: Elmer L. Allen
   115 East 6790 South
   Midvale, Utah

   Operator's Property Rights: Owner of five unpatented lode mining claims.

2. Contract dated October 27, 1952. To complete - 12 months.

Work Authorized

Agreed Unit Cost

400 feet of rehabilitation of tunnel @ $4.50/ft.	$ 1,800.00
300 feet of drifting & crosscutting @ $30.00/ft.	9,000.00
Total estimated cost of the project	$10,800.00
Government's participation @ 50%	$ 5,400.00

Amendments

No. 1 Dated September 2, 1953.

Deletes all items on Exhibit "A" of the contract and substitutes the following:

318 feet of rehabilitation of tunnel @ $4.50/ft.	$ 1,431.00
45 feet of rehabilitation of caved drift @ $12.00/ft.	540.00
294.3 feet of drifting & crosscutting @ $30.00/ft.	8,829.00
Total estimated cost of the project	$10,800.00
Government's participation @ 50%	$ 5,400.00

Amendments (continued)

No. 2 Dated December 16, 1953.

Granted a recess from November 10, 1953 to not later than May 31, 1954.

The completion dated was extended from 1 to 2 years or until October 27, 1954.

In lieu of Article 6 of the contract, the provisions of Annex I were substituted.

No. 3 Dated November 8, 1954.

Completion period is extended to 27 months.

Annex I was cancelled and Annex II was substituted.

Other Changes

On November 18, 1953, Jessie Allen, wife of Elmer L. Allen deeded her share of the mining claims to her husband.

The original partnership in this project was Elmer L. Allen and Jessie M. Allen and the contract was made out to them.

Assignment of contract - Dated May 31, 1954.

In this instrument, Jessie M. Allen transferred her interest in the contract to her husband, Elmer L. Allen.

Work Completed

318 feet of rehabilitation of tunnel @ $4.50/ft.	$ 1,431.00
45 feet of rehabilitation of caved drift @ $12.00/ft.	540.00
294.3 feet of drifting & crosscutting @ $30.00/ft.	8,829.00
Total cost of the project	$10,800.00
Government's participation @ 50%	$ 5,400.00

3. Audit - Report of Review dated March 21, 1955.

Total cost as billed by Contractor	$10,800.00
Exceptions - None	
Total accepted cost	$10,800.00
Government's participation @ 50%	$ 5,400.00

Work on the project was completed in January 1955.

4. Certification of Discovery - none issued. No ore was discovered.

5. Comments

The purpose of the project was to explore for copper ore in a vein that had previously been explored by shallow workings and a 320-foot adit. The adit was rehabilitated and from it drifting and crosscutting was carried on.

Some ore had been produced from this property in the past but at the time of the initiation of the project there was no ore available in the mine. Small ore piles on several of the dumps of the shallow workings along the vein consist of malachite, chrysocolla, and chalcopyrite in a quartz and limonite gangue. The highest grade grab sample taken from these piles gave 7.79% copper. No ore resembling that seen on the dumps of the shallow workings along the vein was seen in the lower adit. Within this working the structure contains lenses and stringers of quartz. Except for a few grains of pyrite and chalcopyrite, some limonite stain, and a few spots of malachite stain, the quartz lenses and stringers are essentially barren. Considering the lens-like nature of most of the quartz in the lower adit workings, it is reasonable to assume that the ore on the dumps of the shallow workings along the vein probably came from small-lens-like bodies.

This deposit is typical of a group of small copper prospects in western Montana and northern Idaho associated with diorite and gabbro plutons that intrude sedimentary rocks of the Precambrian Belt Series. Although some copper has been produced from several of these deposits, none is very large, and most of them appear to be of little economic importance.

The Allen structure consists of a shear zone about 20 feet wide. Although individual shears within the zone have various attitudes, the zone itself strikes about N. 40°W. and dips from 30° -60°NE.

The work of the project tested only 40 feet of the structure along its strike below the shallow workings of the vein. The Operator plans to extend the drift to the southeast under the other shallow workings. This work may find some ore but all evidence suggests that no significant orebodies will be discovered and further Government assistance is not warranted.

No ore reserves can be inferred from the sparse amount of ore minerals seen in the DMEA workings.

Operations were inefficient and poorly planned, and the Operator's insecure financial position hampered the work by limiting the amount of labor employed and by the use of poor equipment.

WPK/er 9/28/55
Copy to: Docket
Base Metals
Chron.

W. P. Klugescheid

☒ Audited

RK ANALYSIS SHEET - DMEA PROJE

☐ Actual Cost

☐ Certified

Analysis as of 9/14/55.
Incl. Voucher for December 1954.

☒ Agreed Unit Costs

Nam ELMER L. ALLEN, Assignee (Formerly Elmer L. & Jessie M. Allen)

Docket No. 2,103

State MONTANA

Commodity COPPER

Idm-E No. 423

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting	294.3' @ $30.00	$8,829.00	294.3'	$8,829.00	$8,829.00
Raising					
Shafts					
Winzes					
Drilling (Specify)					
Su ce Excavation					
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation 318' @ 4.50, 45' @ 12.00		1,971.00		1,971.00	1,971.00
New Building, Improvements, etc.					
Other (Specify)					
Totals		$10,800.00		$10,800.00	$10,800.00

Final Field Exam Reports received.
Terminal letter written Sept. 14, 1955.
Nothing found on certification recommended.
Terminal letter dated Sept. 16, 1955.

checks audit.

Prepared by A. P. Klyeschert.

x copied.

71626

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

RECEIVED
OCT 24 1955

October 24, 1955

Memorandum

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

From: J. W. Pennington, Branch of Base Metals

Subject: Review of Field Team Final Report, Docket No. DMEA 2103, Contract Idm-E 423, $10,800.00, Copper, Elmer L. Allen (assignee of Elmer L. and Jessie M. Allen, Partners), Allen Property, Sepey Creek Mining District, Sanders County, Montana

The Final Field Team report on this property by Margaret R. Lickes, Bureau of Mines, and James J. Quinlan, Geological Survey, has been reviewed.

The examiners have presented a thorough description of the property and the exploration program. Based on the data in the report, the conclusions of the author appear logical and sound.

I agree with the recommendations of the examiners that no Certification of Discovery or Development is warranted by the results of the work done under the contract, and no further exploration with Government participation is warranted.

J. W. Pennington

J. W. Pennington

Copy to: Division of Minerals
Branch of Base Metals
J. W. Pennington
Thor Kiilsgaard, U.S.G.S.
F i l e s

File Copy
Surname
WPKlugescheid
Arnold
Talbert
Selfridge
F Johnson

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

SEP 1 6 1955

Mr. Elmer L. Allen
155 East 6790 South
Midvale, Utah

Re: Docket No. DMEA-2103 (Copper)
Elmer L. Allen
Allen Property
Sanders County, Montana
Contract No. Idm-E423

Dear Mr. Allen:

Reference is made to your completed exploration contract with the Government.

We sincerely regret that the work performed did not result in a certification of discovery or development under the provisions of the contract. In the absence of such certification, the Government retains no claim or lien against the property subject to the contract or any future production therefrom. We, therefore, are closing our books and records on this project. Your attention, however, is called to the provisions of the contract which require the Operator to keep and preserve records for the period indicated.

Your interest in the DMEA exploration program and participation therein are fully appreciated.

Sincerely yours,

C. O. Mittenderf

Administrator

WPKlugescheid/er 9/15/55
Copy to: Docket
Admr R File
Op. Committee
Base Metals
Mr. Pennington, USBM
Mr. Kiilsgaard, USGS
Mr. Jay Chambers
Chron.
Region I (2), NW Dist.

R.C.G.

IN REPLY REFER TO:

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

RECEIVED
AUG 30 1955

August 29, 1955

Re: DMEA 2103
Elmer Allen
Elmer Allen Property
Sanders Co., Mont.
$10,800 - Copper

Memorandum

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

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

Subject: Review of Field Team final report.

If the one dip, 45°, taken at No. 1 Shaft on the Allen vein, can be shown to be reasonably authentic all of the work on the Lower Adit level was misapplied. The adit was driven northeasterly instead of southeasterly and the drifting is not on the vein and not under, on dip, the best showings prospected by the shafts and open cuts from which ore may have been shipped.

I concur with the Field Team recommendation of denial of a Discovery, but not with the assertion that further Government participation is not warranted. Different examiners have regarded it as a weak bet but, due to the price of copper, it is a somewhat better bet now than at inception.

As noted in the original Field Team report, the drift would appear to be 100 feet or more in the footwall of the copper vein. Four or five diamond drill holes fanned up and out from a station at the face of the drift should serve to establish the probable position of the vein.

If such holes can be drilled and the operator is willing and able to undertake such work, I will concur with such a recommendation and if a vein of sorts is found a second stage of crosscutting might be justified.

N. E. Nelson

N. E. Nelson

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

RECEIVED

August 25, 1955

Memorandum

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

From: James W. Pennington, Branch of Base Metals

Subject: Docket No. DMEA 2103 (copper) Elmer L. Allen, Assignee of Elmer L. & Jessie M. Allen, Partners, Allen Property, Sanders County, Montana, Contract Idm - E423

The final report on the Allen property by Margaret R. Lickes, Bureau of Mines, and James J. Cullen, Geological Survey, has been reviewed.

I concur with the recommendations of the report and of the Field Team, Region I, N. W. District that no Certification of Discovery or Development has been made, and none is warranted.

James W. Pennington

James W. Pennington

Copy to: Division of Minerals
Branch of Base Metals
H. M. Meyer
Thor Kiilsgaard, U. S. G. S.
F i l e s

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

RECEIVED
AUG 19 1955

August 16, 1955

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA 2103 (copper)
Elmer L. Allen, Assignee of
Elmer L. & Jessie M. Allen, Partners
Allen Property
Sanders County, Montana
Contract Idm-E423

Dear Mr. Selfridge:

Enclosed are four copies of a final report on the Allen property, Sanders County, Montana.

No Certification of Discovery or Development has been made, and none is warranted.

By Field Team, Region I, NW District

Wing G. Agnew, Acting Exec. Officer
(U. S. Bureau of Mines)

Verne C. Fryklund, Jr., Member
(U. S. Geological Survey)

Enclosures
cc: USBM(2)
Quinlan

Reviewed by
DMEA OPERATING COMMITTEE
8-24-55
(date)

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FIELD TEAM, REGION I
Northwest District

FINAL REPORT

Contract Idm-E423

by

Margaret R. Lickes
Mining Engineer
U. S. Bureau of Mines

James J. Quinlan
Geologist
U. S. Geological Survey

ELMER L. ALLEN
(ASSIGNEE OF ELMER L. AND JESSIE M. ALLEN, PARTNERS)
155 East 6790 South, R.F.D.
Midvale, Utah

Docket No.:	DMEA 2103
Commodity:	Copper
Contract date:	October 27, 1952
Completion date:	January 27, 1955

ALLEN PROPERTY
Sopey Creek Mining District
Sanders County, Montana

Spokane, Washington

August 1955

Reviewed by
DMEA OPERATING COMMITTEE
9-24-55
(date)

FIELD TEAM
FINAL REPORT

FINAL REPORT

ELMER L. ALLEN
(ASSIGNEE OF ELMER L. AND JESSIE M. ALLEN, PARTNERS)
Allen Property
Sepey Creek Mining District
Sanders County, Montana

Contract Idm-E423

* * * *

INTRODUCTION

This report describes a project conducted jointly under Exploration Project Contract No. Idm-E423 by Elmer L. Allen, assignee of Elmer L. and Jessie M. Allen, partners, and the Defense Minerals Exploration Administration, in the Sepey Creek Mining District, Sanders County, Montana.

Summary

The purpose of the project was to explore for copper ore in a vein that had previously been explored by shallow surface workings and a 320-foot adit, by rehabilitating the adit and drifting and crosscutting from it to a target area under the shallow surface workings.

The contract became effective October 27, 1952, and project work was started the following May. Project work completed included 318 feet of adit rehabilitation, 45 feet of drift rehabilitation, and 294.3 feet of drifting and crosscutting. No ore was discovered. Work outlined in the contract was completed in January 1955. The Operator's final narrative was accepted in lieu of his final report, and final payment was made to the Operator on April 8, 1955. Total cost of the exploration was $10,800.00, of which the Government's participating share was 50 percent or $5,400.00.

Recommendations

No Certification of Discovery or Development is warranted by the results of the work done under the contract.

No further exploration with Government participation is warranted.

LOCATION AND ACCESSIBILITY

The five claims included under the contract are in secs. 19 and 24, T. 18 N., R. 23 W., M. P. M., Sanders County, Montana. The nearest town is Perma, Montana, from which the claims can be reached by traveling 2.7 miles east on Highway 10A, thence 7.8 miles southwest to the property over a Forest Service road.

The property is on a rounded, timbered ridge a few hundred yards south of the drainage divide between Sapey Creek and the Flathead River at an altitude of about 5,000 feet, approximately 2,000 feet above the Flathead River Valley bottom.

The main line of the Northern Pacific Railway traverses the Flathead River Valley and passes through Perma.

Winter weather usually is severe, with snow closing the road to the property from November to May.

THE PROPERTY

The property consists of five unpatented lode mining claims: the New Deal, Blue Eyed Nellie, Lucky Mart, Isabel, and Little Joe, recorded in Book 15 of Mining Locations, pages 163, 165, 167, 169, and 171, in the office of the County Recorder of Sanders County, Montana. The Lucky Mart and Blue Eyed Nellie claims are the only ones on which work was done during the project. Elmer and Jessie Allen were the sole owners of the claims at the start of the contract, but during the term of the contract Jessie M. Allen deeded all her rights in the property to her husband, Elmer L. Allen.

According to the Allen brothers, Charles Allen of Revais Creek and a partner staked the five claims, then Charles Allen gave his rights to his brother, Elmer, who bought out the partner to gain full control of the property. After the Blackfoot Indian Reservation was established, earlier owners were advised that they were trespassing on Indian tribal property. According to Charles Allen, the matter was fought successfully in court and the prior right of the claims was established.

Several carloads of 20 percent copper ore are reported by Charles Allen to have been shipped from the property sometime in the past, but no records are available.

Three shallow shafts, an adit and pit prospect the Allen structure within the immediate outcrop area. A lower adit also intersects the vein 150 to 200 feet below the outcrop. The shallow workings in the outcrop area are caved. The lower adit, which was 466 feet long, was rehabilitated during the term of the project and all DMEA work was carried on through this adit. A total of 294.3 feet of DMEA crosscutting and drifting was done in the lower adit.

The diorite country rock stands well unsupported, but within the Allen structure the material is badly broken, sloughs easily and requires timbering.

Natural ventilation was sufficient to clear the workings as the drift was advanced. Drainage was no problem a greater problem was to get sufficient water for drilling. No facilities are on the property except a small cabin which is in poor repair but habitable.

GEOLOGY

The Allen deposit is typical of a group of small copper prospects in western Montana and northern Idaho associated with diorite and gabbro plutons that intrude sedimentary rocks of the Precambrian Belt Series. Although some copper has been produced from several of these deposits, none is very large, and most appear to be of little economic importance.

The geometry of the diorite pluton within which the Allen deposit occurs is not exactly known. The pluton appears to be relatively large; the nearest contacts with quartzitic rocks of the Belt Series are about 750 feet northeast and 800 feet southwest of the mined area.

The Allen structure consists of a shear zone about 20 feet wide (see attached map). Although individual shears within the zone have various attitudes, the zone itself strikes about N. 40° W. and dips 30° - 60° NE.

Small ore piles on several of the dumps of the shallow workings along the vein consist of malachite, chrysocolla, and chalcopyrite in a quartz and limonite gangue. Assay results of grab samples from four small ore piles on these dumps are tabulated below:

Location of ore pile	Au oz.	Ag oz.	Pb %	Zn %	Cu %
No. 1 shaft dump	0.01	0.2	None	Tr.	1.77
No. 2 pit and adit dump (south side)	Tr.	0.3	None	Tr.	2.88
No. 2 pit and adit dump (Small high-grade ore pile on north side of dump)	0.02	0.1	None	Tr.	7.79
No. 3 shaft dump	None	0.4	None	0.1	2.02

No ore resembling that seen on the dumps of the shallow workings along the vein was seen in the lower adit. Within this working the structure contains lenses and thin stringers of quartz. Except for a few grains of pyrite and chalcopyrite, some limonite stain and a few spots of malachite stain, the quartz lenses and stringers are essentially barren. Considering the lens-like nature of most of the quartz in the lower adit workings, it is reasonable to assume that the ore on the dumps of the shallow workings along the vein probably came from small lens-like bodies.

THE PROJECT

The DMEA project was undertaken because the Allen deposit offered an opportunity to test at small cost what appeared to be one of the better small copper prospects associated with diorite and gabbro plutons in western Montana and northern Idaho. The project was undertaken with full knowledge that the risks involved were great and that at best the deposit was probably marginal.

The program originally proposed was to consist of rehabilitating 400 feet of the lower adit crosscut and drifting and crosscutting 300 feet therefrom in order to prospect the area under the shallow workings on the vein. Although only 318 feet of the adit crosscut had to be rehabilitated, it was also necessary to rehabilitate 45 feet of caved drift. Amendment No. 1 was made to permit this change, but in order to provide adequate funds for the drift rehabilitation it was necessary to reduce the amount of drifting and crosscutting to 294.3 feet.

The contract was dated October 27, 1952, and one year was allowed to complete the work. Work was started in May 1953 but was not completed during the summer working season. Therefore, Amendment No. 2 was made in order to recess work during the winter months and extend the contract time limit an additional year. Work was resumed in June 1954, but when it was not completed by October 27, 1954, the expiration date of the contract, Amendment No. 3 was made to allow an additional 3 months to complete the work. Because the contract time limit was extended for more than 2 years by Amendment No. 3, provision was also made in this amendment to change the royalty repayment period if certification were made from 10 to 12 years. Project work was completed in January 1955.

The first phase of project work consisted of rehabilitation of the lower adit level crosscut. After 318 feet of the crosscut had been rehabilitated, it was possible to reach the face of the crosscut (420 feet from portal) without additional rehabilitation. The Allen structure was 325 feet from the portal.

A drift that had been driven southeast along the Allen structure was caved. It was agreed with the Operator that it would be more expeditious to drive a lateral around the caved drift than to attempt to put it into safe and usable condition. Therefore, a lateral was started around the cave at a point 282 feet from the portal. This lateral was driven 60 feet on a S. 80° E. bearing, at which point it intersected the old drift. The old drift was open but in a bad state of repair for 45 feet southeast of the point where the lateral intersected it. It was decided to rehabilitate this 45 feet of old drift and then continue work to the southeast along the Allen structure.

After rehabilitation of the drift and limited work within the structure, it was decided that because of heavy ground the best exploration plan would be to drive a lateral in the footwall of the structure and prospect the structure at regular intervals by crosscuts. The operator, however, failed to follow this plan. Although he did stay in the footwall for a short distance, when he returned to the vein he followed it to the southeast, drifting more or less aimlessly within the structure or immediate wall zone (see attached map). In all, the heading to the southeast was advanced 340 feet (295 feet of drift plus 45 feet of drift rehabilitation) southeast from the adit crosscut, thus the face of the drift when contract work was completed was under the northernmost surface working (see attached map).

No ore resembling that seen on the dumps of the shallow workings along the vein was seen in the DMEA working. Within the DMEA working the Allen structure contained lenses and stringers of quartz. Except for a few grains of pyrite and chalcopyrite, some limonite stain, and a few spots of malachite stain, the quartz lenses and stringers are barren. Considering the lens-like nature of most of the quartz in the lower adit workings, it is reasonable to assume that the ore on the dumps of the shallow workings probably came from small lens-like bodies.

It will be noted on the attached map that the lower adit drift tests the structure for only 40 feet along its strike below the shallow working on the vein. The Operator plans to extend the drift to the southeast under the other shallow workings this summer. Although this work may find some ore, all evidence suggests that the targets involved are insignificant and further Government assistance in testing them is not warranted.

No ore reserves can be inferred from the sparse amount of ore minerals seen in the DMEA working.

Summary of Factual Data

The units completed under the contract and their cost are:

	Units	Unit Cost	Total Cost
Adit rehabilitation	318.0 feet	$4.50	$ 1,431.00
Drift rehabilitation	45.0 "	12.00	540.00
Drift and crosscut	294.3 "	30.00	8,829.00
Total			$10,800.00

Total allowable cost of contract	$10,800.00
Government's share of allowable cost	5,400.00
Total cost of contract	10,800.00
Government's share of contract cost	5,400.00

There was no production from the property during the project.

No equipment was purchased in which the Government has an equity so there was no problem of salvage.

Discussion of Conclusions

Difficulties encountered during the project work were caused by the broken nature of the vein, poor management, and severe winter weather.

Within the Allen structure the ground was broken, sloughed easily, and required close timbering; thus drifting on the vein was slow and costly. The Operator's desire to see all the vein instead of drifting in the footwall parallel to the vein and inspecting it by crosscuts from the parallel drift slowed the work. Much time was spent getting through caving areas of the vein, and, in places, it was necessary to drive spiling.

Operations were inefficient and poorly planned. The Operator's insecure financial position hampered the work by limiting the amount of labor employed and by the use of poor equipment; one round was hand steeled.

Severe winter weather delayed the start of the project work and necessitated a recess during the winter of 1953-54.

Although the Operator stated that he plans to drift further to the southeast on his own account, no targets exist that warrant exploration with Government participation.

Attachment
Distribution:
DMEA(4)
USBM(5)
USGS(SRO)
Dockst
Quinlan

XXXXXXXXXXXXXXXXXX
1201 N. Division St.
Spokane 2, Washington
April 1, 1955

DEPARTMENT OF
Defense Minerals
RECEIVED
APR 7 1955

Mrs. Myrtle Purdy, Certifying Officer
DMEA Field Team, Region I, NW District
1201 N. Division Street
Spokane 2, Washington

Re: Docket No. DMEA 2103
Contract Idm-2423
Elmer L. Allen
Sanders County, Montana

Dear Mrs. Purdy:

Work under the subject contract has been completed to the satisfaction of the Government. A final narrative report has been received from the operator and has been accepted as a final report by the Executive Officer.

The Government has no equity in equipment or supplies that were used in carrying out the exploration work.

The Field Team has recommended that no Certification of Discovery or Development be made on this project.

A final Report of Review dated March 21, 1955 by DMEA Auditor C. A. Turner has been received.

As all contract requirements have been met, it is requested that final settlement of our account with the operator be made.

Sincerely yours,

A. R. Weissenborn
Executive Officer
DMEA Field Team, Region I
Northwest District

cc: DMEA (2)
USGS (2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D. C.~~
So. 157 Howard Street
Spokane 4, Washington

March 17, 1955

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-2103 (copper)
Elmer L. Allen
Sanders County, Montana
Contract No. Idm-E423

Dear Mr. Selfridge:

Enclosed are three copies of the operator's "last narrative" on the cited contract; although no map accompanies it, we feel that this is the best that can be expected from the operator, and therefore are accepting it as a final report.

The Field Team agrees with the recommendation in the memorandum of February 24, 1955, by W. S. Anderson, Bureau of Mines, and J. J. Quinlan, Geological Survey, copies of which have been sent to you, that no Certification of Discovery or Development be made on this project and no additional work be done with Government assistance.

By Field Team, Region I, NW District

A. E. Weissenborn

A. E. Weissenborn, Executive Officer
U. S. Geological Survey

Wing G. Agnew, Member
U. S. Bureau of Mines

Enclosure
cc: USBM (2)
USBM(AD)
Quinlan

So. 157 Howard Street
Spokane 4, Washington

March 17, 1955

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-2103 (copper)
Elmer L. Allen
Sanders County, Montana
Contract No. Ida-2023

Dear Mr. Selfridge:

Enclosed are three copies of the operator's "last narrative" on the cited contract; although no map accompanies it, we feel that this is the best that can be expected from the operator, and therefore are accepting it as a final report.

The Field Team agrees with the recommendation in the memorandum of February 24, 1955, by W. S. Anderson, Bureau of Mines, and J. J. Quinlan, Geological Survey, copies of which have been sent to you, that no Certification of Discovery or Development be made on this project and no additional work be done with Government assistance.

By Field Team, Region I, NW District

A. E. Weissenborn, Executive Officer
U. S. Geological Survey

Wing G. Agnew, Member
U. S. Bureau of Mines

Enclosure
cc: USGS (2)
USBM(AD)
Quinlan

Docket No 2103 - Contract IdM - E 423
Elmer L. Allen Dixon Montana

Dear Sirs; In writting this "my last narrative" on the completion of this contract, I don't know how to express my views as to the discoveries made, I had hoped that Mr Anderson and other members of the field team had been able to be here before I ~~wrote~~ this narrative.

I deeply appreciate the help Mr. Anderson and other members of the team have given me during the life of the contract.

The fault which has been paralleling the fissure all the way along cuts into it about 12 feet back from the present face of the drift. There is also some sign of a break at the face of the drift.

Also 12 feet back from the face there is a foot wide streak of quartz going into the footwall from the drift at a right angle, it comes into the fissure at the face showing a 12 foot throw or displacement, It appears that the fissure will take its regular course, going south and east from the present face —

We had to keep the ground timbered up during the last 30 feet and put in six sets of timber.

Where we first cross cut the fissure, back 120 feet from the present face of the drift, there is an eight to 12 inch streak of quartz on the footwall, which contains a considerable amount of chalcopyrite, for the present time we are going back and raise on it, There is some very good float on the surface at this point which makes me believe we will be able to get a shipment of ~~ore~~ from this point.

I will push the drift ahead as the opportunity presents itself, as I have reports from several sources that there was a foot wide streak of 20% copper at the bottom of the shaft by the cabin

Very Truly Yours
Elmer L. Allen

RECEIVED
FEB 10 1955
U. S. G. S.
SPOKANE, WASH.

OPERATOR'S FINAL REPORT

Docket No. 2103. Contract Idm. E 423
Elmer L. Allen, Dixon Montana

Dear Sirs;

In writing this "my last narrative on the completion of this contract", I don't know how to express my views as to the discoveries made. I had hoped that Mr Anderson and other members of field team II, had been here before I wrote this narrative.

I deeply appreciate the help that Mr Anderson and other members of field team II have given to me during the life of the contract.

The fault which has been paralleling the fissure all the way along, apparently cuts into it about 12 feet back from the present face of the drift, and there is some sort of a break at the face of the drift.

About 12 feet back from the face, there is a but a foot wide streak of what appears to be pegmatite quartz going into the foot wall from the drift. And it cuts into the drift from the hanging wall side, at the face, showing, about a 12 foot throw. It appears that the fissure will take its regular course going south and east from the face.

We had to keep the ground timbered up during the last thirty feet and put in six sets of timber

Where we first crosscut the fissure, back about 120 feet from the present face of the drift, there is an 8 to 12 inch streak of quartz on the foot wall which has a considerable amount of Chalcopyrite in it, for the present time we are going back and raise on it, there is a considerable amount of good float on the surface at this point, which makes me believe there is a possibility of getting a shipment of ore from there.

I will push the drift ahead as the opportunity presents itself. as I have reports from several tenders that there was a foot wide streak of 20% copper left on the bottom, from the shaft by the cabin

Yours Very Truly Elmer L. Allen

RECEIVED
FEB 10 1955
U. S. G. S.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~

1201 N. Division St.
Spokane 2, Washington
February 24, 1955

MEMORANDUM

To: DMEA Field Team, Region I

From: W. S. Anderson, Mining Engineer, Bureau of Mines, and
J. J. Quinlan, Geologist, U. S. Geological Survey

Subject: Final inspection, Docket No. DMEA 2103 (copper), Elmer L. Allen Property, Sanders County, Montana, Contract Idm-E423

The property was visited on February 11. There was no one at the property at the time of the visit.

A transit survey was made to tie in surface outcrops and the main adit level. This will be included in the Field Team final report.

Additional work completed since the previous visit of January 19 was checked and mapped. Also, the main adit level was mapped. These maps will be included with the final report.

Work completed under the contract is as follows:

318 feet of initial rehabilitation of main adit level
45 feet of rehabilitation of caved drift
295 feet of drifting and crosscutting

The drift to the southeast had been advanced 12 feet since the previous inspection for a total of 295 feet of drifting and crosscutting. There was minor disseminated pyrite in the face and several small stringers and blebs of quartz. The structure was the same as has been previously reported. No copper minerals of economic importance were noted.

It is recommended that no certification of discovery be made and that no additional work be done with Government participation.

W. S. Anderson

W. S. Anderson

Orig. & 3 cys - Wash.
USGS (2)
DMEA
AD
Auditor Turner
WSA/he

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

1201 N. Division St.
Spokane 2, Washington
January 24, 1955

MEMORANDUM

To: DMEA Field Team, Region I

From: W. S. Anderson, Mining Engineer, Bureau of Mines

Subject: Routine inspection, Docket No. DMEA 2103 (copper), Elmer R. Allen Property, Sanders County, Montana, Contract Idm-E423

The Elmer Allen property was visited January 19. Mr. Elmer Allen and one miner were working at the property at the time of the inspection. There was approximately 1½ feet of snow at the property and the road was impassable by car for the last 1.5 miles. Skis were used to make this portion of the trip.

The drift to the southeast has been advanced 43 feet since the previous inspection for a total of 283 feet under the contract. This would leave a balance of 11.3 feet of advance to complete the contract. The bearing of the drift was changed several times in the last advance. The advance was not mapped as a round was blasted two hours previous to the visit and there was still considerable powder fumes near the face.

The recent advance was through diorite which was badly sheared and in which there were numerous stringers of quartz from 1/2-inch to 2 inches in thickness. No ore minerals were noted. Unless the last 11 feet of advance intersects an ore zone there will be no certification recommended.

The Operator plans on continuing work at the property after completing the contract. His plans are to continue drifting to the southeast.

W. S. Anderson

W. S. Anderson

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD
WSA/he

XXXXXXXXXXXXXXXXXXX
1201 N. Division St.
Spokane 2, Washington
January 14, 1955

Mr. Elmer L. Allen
Dixon, Montana

Re: Docket No. DMEA 210,
Contract Idm-2423

Dear Mr. Allen:

Your operating report for December 1954 has been received and processed. However, $200.00 is being withheld from the approved payment until an audit of your records is made by a representative of the Contract and Audit Division of the Defense Minerals Exploration Administration.

This is standard procedure for all contracts as the project nears completion. We are obliged to withhold a portion of the Government's contribution to the cost pending final accounting and receipt of a final engineering report from the operator.

By Field Team, Region I

cc: DMEA (2)
USGS (2)

A. E. Weissenborn Exec. Officer
U. S. Geological Survey

Wing G. Agnew Member
U. S. Bureau of Mines

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
1201 N. Division St.
Spokane 2, Washington
December 16, 1954

MEMORANDUM

To: DMEA Field Team, Region II

From: A. L. Service, Mining Engineer, Bureau of Mines

Subject: Routine inspection, Elmer L. Allen, Sanders County, Montana, Contract No. Idm-E423, Docket No. DMEA 2103 (copper)

The property was visited on December 6, 1954, by V. Z. Johnson and A. L. Service, mining engineers, Bureau of Mines. Mr. Allen and one miner were working at the property on the date of the inspection.

There has been 14 feet of advance in the drift since the November 10 inspection. The last 14 feet of drift has been turned farther south in an effort to get back on the vein which was intersected about 40 feet back from the present face. The face is quite strongly fractured, which indicates that the Operator might be approaching the ore zone. See attached sketch.

Progress is slow because of lack of supplies and money. The Operator will attempt to finish the project if snow does not force him to close down. About 70 feet of drifting remains to be done.

The access road was passable at the time of the inspection, but there is some doubt that it will be open much longer.

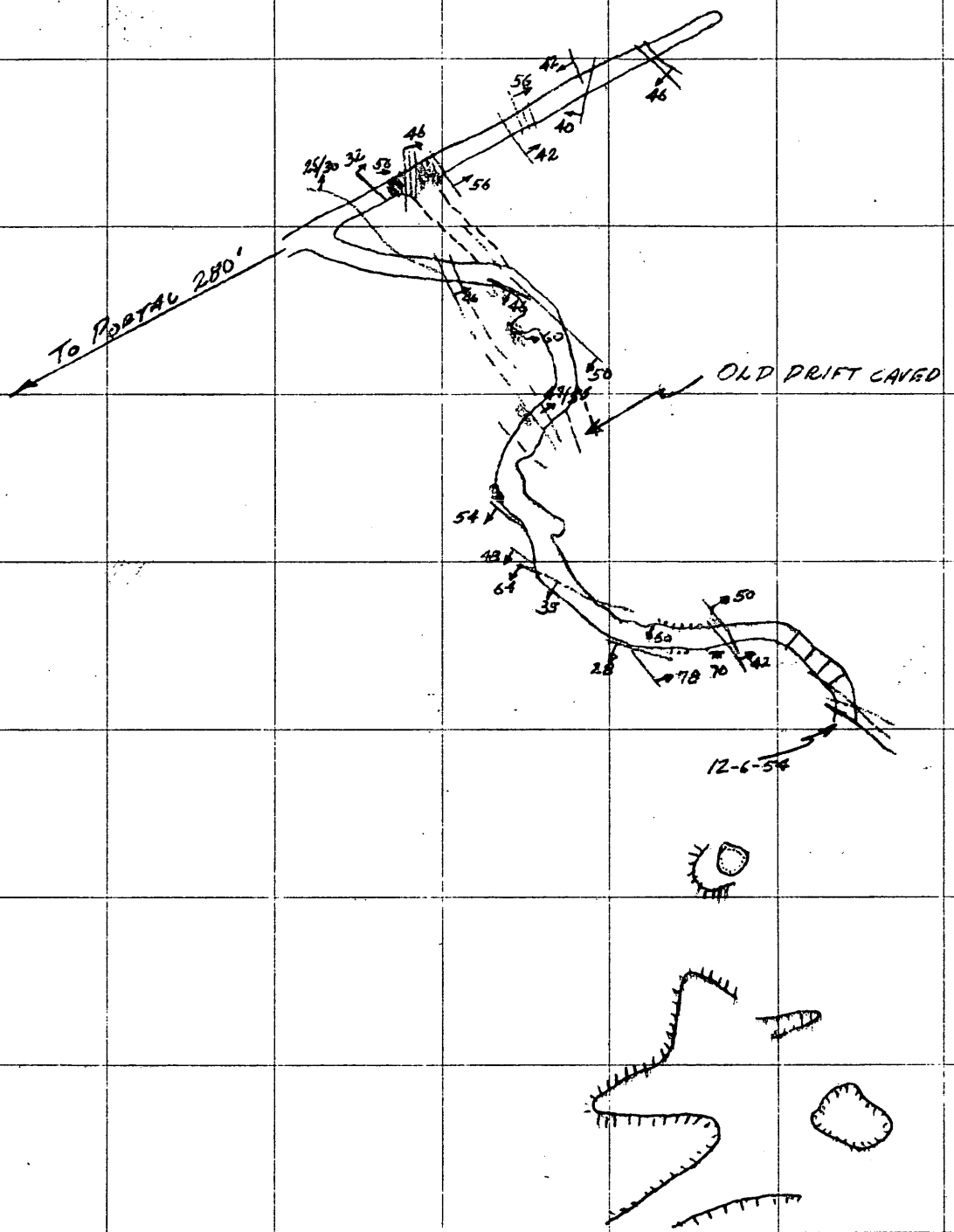
The workmanship is satisfactory.

A. L. Service

A. L. Service

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD
ALS/he

DMEA 1203 - COPPER
ELMER L. ALLEN PROP.
Sanders County, Mont.
1" = 50'



"ALBANENE" NO. 1806 K&E CO., N.Y.
REG. U.S. PAT. OFF.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

Department of the Interior
Defense Minerals Administration
RECEIVED
DEC - 6 1954

December 3, 1954

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-2103 (copper)
Elmer L. Allen
Allen Property
Sanders County, Montana
Contract No. Idm-E423

Dear Mr. Selfridge:

Enclosed are the Government, Docket, and Division copies of Amendment No. 3 to the captioned contract.

Distribution of this amendment has been made in the usual manner.

Sincerely yours,

A. E. Weissenborn

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosure

cc: USBM (2)
USBM(AD)
Quinlan

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
1201 N. Division St.
Spokane 2, Washington
November 18, 1954

MEMORANDUM

To: DMEA Field Team, Region II

From: W. S. Anderson, Mining Engineer, Bureau of Mines

Subject: Interim inspection, Elmer L. Allen property, Sanders County, Montana, Contract No. Idm-E423, Docket No. DMEA 2103 (copper)

The Elmer Allen property was visited November 10, 1954. Mr. Allen and one miner were working at the property at the time of the inspection.

The drift has been advanced 30 feet since the inspection of October 14, 1954. The drift was advanced through the vein and then swung to the southeast as shown on the attached sketch. There were stringers of quartz throughout the vein, but no copper minerals other than a minor amount of malachite staining were noted.

The face of the drift is approximately 25 feet northwest of the northernmost shaft which was sunk on the vein.

The Operator is constructing a shed for his compressor in preparation for the winter. He has been obtaining supplies to finish the contract and will stay at the property until contract work is completed.

An amendment has been approved authorizing a 3-months extension of time to complete the project.

W. S. Anderson

W. S. Anderson

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD
WSA/he

XXXXXXXXXXXXXXXXX
1201 N. Division St.
Spokane 2, Washington

November 17, 1954

Mr. Elmer L. Allen
Dixon, Montana

Re: Contract Idm-E423
Docket DMEA 2103
Monthly Operating Report
for October 1954

Dear Mr. Allen:

The subject operating report has been received and processed for payment.

As you know, the completion date of this contract was October 27, 1954. Therefore, it has been necessary to withhold payment of this MF-104 until the amendment extending the completion date has been signed by you and returned to us. As soon as this signed amendment is received the payment will be released to you at once.

By Field Team, Region II

A. E. Weissenborn, Exec. Officer
U. S. Geological Survey

Thomas E. Howard
For Wing G. Agnew, Member
U. S. Bureau of Mines

cc: DMEA (2)
USGS (2)

xxxxxxxxxxxxxxxxx
So. 157 Howard Street
Spokane 4, Washington

November 16, 1954

Mr. Elmer L. Allen
c/o Charles A. Allen
Dixon, Montana

Re: Docket No. DMEA-2103 (copper)
Allen Property
Sanders County, Montana
Contract No. Idm-8423

Dear Mr. Allen:

With reference to our letter of October 27, 1954, enclosed are the original and six copies of Amendment No. 3 to the above-cited contract. If the terms and conditions of this amendment meet with your approval, please sign all copies, retain that copy marked for the Operator and return the remaining copies to this office.

If the amendment does not meet with your approval, please return all copies of the amendment to this office with your comments.

Sincerely yours,

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosure

cc: DMEA (2)
USBM (2)
Quinlan

Surname 700

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

Ching
Allen
Clemmer
Selfridge

NOV 9 - 1954

Mr. A. L. Weissenborn
Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA-2103 (Copper)
Contract No. Ibm-1423
Elmer L. Allen
Allen Property
Sanders County, Montana

Dear Mr. Weissenborn:

Further to our teletype of October 26, 1954, we are enclosing the original and five copies of a proposed Amendment No. 3 to the subject contract, executed by the Administrator.

If you and the Operator find the amendment in order please have the latter execute all six copies and make the usual distribution thereafter.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (JHB)

Enclosures

APPROVED:

J. H. Hedges (JHB)
Member, Bureau of Mines

E. L. Newcomb (JHB)
Member, Geological Survey

MChing:am
11-5-54
cc to: Admr. Reading File
Operating Committee
Docket
Messrs. C. H. Johnson, Rm. 3621
T. H. Kiilsgaard, Rm. 5224
Code 700
Mr. Ching

R.C.H.

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

T E L E T Y P E

MChing

DMEA - Department of the Interior
14X14.01(01) Revolving Fund, Defense Production Act, Interior
(Allocated Working Fund to the Office of the Secy.)

OCT 25 1954

Ching
Ely
Selfridge
Johnson
Mattelby

A. E. WEISSENBORN, EXECUTIVE OFFICER
DMEA FIELD TEAM, REGION II
SOUTH 157 HOWARD STREET
SPOKANE 4, WASHINGTON

REURLET OCTOBER 20 ELMER L. ALLEN DOCKET 2103 AMENDMENT BEING PREPARED EXTENDING CONTRACT PERIOD TO 27 MONTHS AND REPAYMENT PERIOD TO TWELVE YEARS IN EVENT OF CERTIFICATION.

GEORGE C. SELFRIDGE, CHAIRMAN
OPERATING COMMITTEE

MChing/gla
10-25-54
cc to: Admr. Reading File
Operating Committee
Docket
Messrs. C. H. Johnson, Rm. 3621
T. H. Kiilsgaard, Rm. 5224
Code 700
Mr. Ching
Confirmation to Region II

R.C.S.

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

INTERIOR DEPT.
OCT 26 1954
SOLICITOR

Ching
Ellis

October 25, 1954

Memorandum

To: Acting Assistant Solicitor, DMEA

From: Michael Ching, Mining Engineer
Rare and Miscellaneous Metals Division

Subject: Proposed Amendment No. 3
Docket No. DMEA-2103 (Copper)
Contract No. Idm-E423
Elmer L. Allen
Allen property
Sanders County, Montana

Will you kindly prepare an Amendment No. 3 to the subject contract extending the contract period from two years to 27 months and substituting an Annex II for the present Annex I. The repayment period in event of certification should be twelve years instead of ten years.

/s/ Michael Ching

Michael Ching

MChing/gla
cc to: Docket
Code 700 contract file
Mr. Ching

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

October 20, 1954

Air Mail

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-2103 (copper)
Elmer L. Allen
Sanders County, Montana
Contract No. Idm-E423

Dear Mr. Selfridge:

On October 4, 1954, we answered Mr. Allen's letter of September 15, 1954, in which he requested that the time limit of the captioned contract be extended until December 31, 1954. Copies of this correspondence have been mailed to you.

The present contract expires October 27, 1954, and at that time will have been in effect for 2 years. ~~Also~~ Enclosed are four copies of a memorandum dated October 20, 1954, by W. S. Anderson, Bureau of Mines, and J. J. Quinlan, Geological Survey, recommending that the contract time limit be extended as requested by Mr. Allen.

Poor management has resulted in many delays and a slow rate of advance on this project. However, as the operator is so near the principal target area we believe that a time extension should be granted to allow him to reach this target.

It would be appreciated if you will wire your decision regarding a time extension so we can notify the operator as soon as possible.

By Field Team, Region II

A. E. Weissenborn

A. E. Weissenborn, Executive Officer
U. S. Geological Survey

Wing G. Agney

Wing G. Agney, Member
U. S. Bureau of Mines

Enclosures
cc: USBM (2)
USBM (AD)
Quinlan

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

October 20, 1954

Memorandum

To: DMEA Field Team, Region II

From: W. S. Anderson, U. S. Bureau of Mines, and J. J. Quinlan, U. S. Geological Survey

Subject: Routine inspection, Docket No. DMEA-2103 (copper), Elmer L. Allen property, Sanders County, Montana, Contract No. Idm-E423.

The Elmer L. Allen property was inspected October 14, 1954, in company with Mr. Elmer L. Allen, the operator under the captioned contract.

The southeast drift heading has been advanced 36 feet since the project was inspected by W. S. Anderson on September 14, 1954. Due to a typographical error in Mr. Anderson's last inspection report of September 17, 1954, the advance was reported as 32 feet when it should have been 37 feet. Thus the total drifting and crosscutting to date under the captioned contract amounts to 196 feet. This work is shown on the attached 50 scale map. Total drifting and crosscutting allowed under the captioned contract as amended is 294.3 feet.

The southeast drift heading was turned east 25 feet back of the present face in order to again cut the vein. At the time of the inspection 3 feet of the footwall shear of the vein was exposed in the face. This shear contained a few stringers and lenses of quartz. A few specks of pyrite were noted in the quartz stringers and lenses. Also, some malachite staining was noted near the footwall of the shear. Mr. Allen had some specimens obtained from the shear showing minor amounts of chalcopyrite. A sample was cut across this shear but assay results are not yet available.

The present face of the southeast drift heading is approximately 60 feet south of the northernmost shaft which tests the vein from the surface. This shaft is shown on the attached map. The contract map, labeled Exhibit C, shows the position of the adit crosscut, surface pits, and shafts along the vein. The reader is referred to this map for the relationship of the workings. The primary purpose of contract work is to test the vein southeast of the adit level crosscut and into the area under the old surface pits and shaft. There remains only 98.3 feet of crosscutting and drifting to accomplish this objective. This amount should, therefore, be sufficient to reach the

northern end of the area below the old surface pits and shafts. It is believed that project work should be carried at least to within the area below the northernmost shaft. However, if no improvement is noted in the vein within this distance it is doubtful whether any consideration should be given to further work by the DMEA.

The operator in a letter dated September 15, 1954, requested that the time limit of the contract be extended to December 31, 1954. The present contract expires October 27, 1954, and at that time it will have been in effect for 2 years.

Although poor management has resulted in delays and a slow rate of advance, it is recommended that the operator's request for a time extension be granted inasmuch as the principal target area should be reached within the 92.3 feet of drifting and crosscutting remaining in the contract.

Attachment

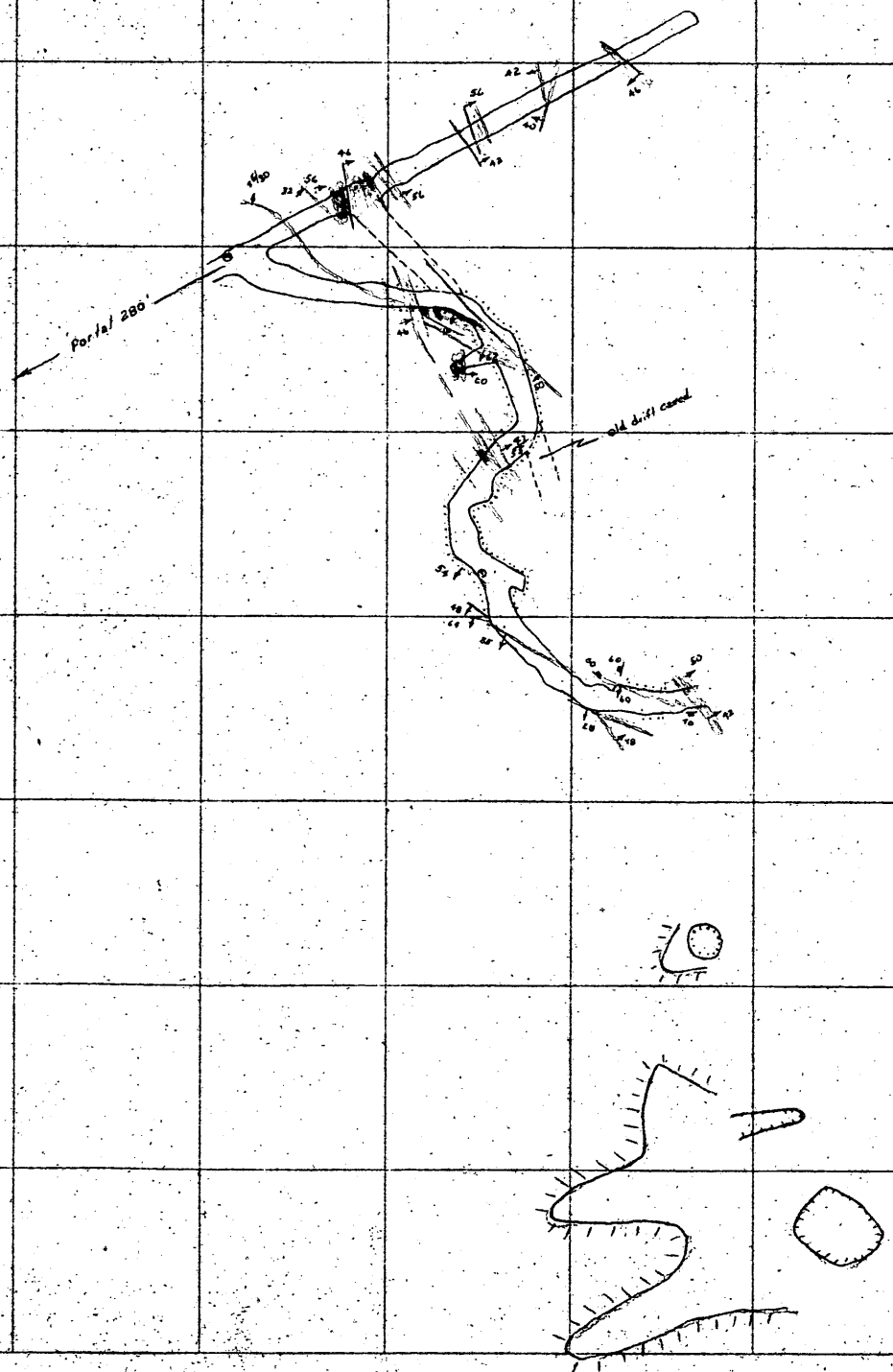
Distribution:
DMEA (orig. & 3)
USBM (2)
Docket
Quinlan

DOCKET No. DMEA 1203 (copper)

ELMER L. ALLEN PROPERTY

Sanders County, Montana

1" = 50'



"ALBANENE" NO. 196M K&E CO., N.Y. REG. U.S. PAT. OFF.

XXXXXXXXXXXXXXXXXX
So. 157 Howard Street
Spokane 4, Washington

October 4, 1954

Mr. Elmer L. Allen
c/o Charles A. Allen
Dixon, Montana

Re: Docket No. DMEA-2103 (copper)
Elmer L. Allen Property
Sanders County, Montana
Contract No. Idm-2403

Dear Mr. Allen:

This will acknowledge your letter of September 15, 1954, requesting an extension of time in order to complete work under the captioned contract.

An amendment is required to extend the completion period of the contract to 36 months. All amendments extending the completion period of a contract beyond 24 months must be made by our Washington Office. Before this matter is referred to Washington with our recommendation it will be necessary for us to review and reappraise the project. Someone from this office will inspect your project on or about October 15, 1954, for this purpose. Any assistance you can render at that time will be appreciated.

Very truly yours,

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

cc: DMEA (2) w/cys incoming
USBM (2)
Quinlan
Certifying Officer

COPY

Dixon, Montana
September 15, 1954

United States Department of the Interior
Defense Minerals Exploration Administration

Re: Docket No. DMEA-2103 (copper)
Elmer L. Allen
Sanders County, Montana
Contract No. Idm-E423

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Dear Sir:

Under the present terms of this contract, the completion date will terminate October 31, 1954.

On account of very heavy ground and cave area which I have had to go through and the nonperformance of contract and agreement of others who were going to furnish machinery, and labor for a part interest in the project, I am behind schedule in the work I should have done at this time. Due to the long tram, and the available help, in this area, the extra footage I would attain would not compensate the extra expense it would take to speed up this project. By hiring other help, I am now averaging two feet per shift. With one man whom I am paying six dollars per shift and a percentage of any ore I might get.

Therefore I would like an extension of time of two months to complete the project, which would bring the project up to December 31, 1954.

If given this time I will keep the project going continuously until completed and hurry it up all I can.

Sincerely yours,

/s/ Elmer L. Allen
Dixon, Montana

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
1201 N. Division St.
Spokane 2, Washington
September 17, 1954

MEMORANDUM

To: DMEA Field Team, Region II

From: W. S. Anderson, Mining Engineer, Bureau of Mines

Subject: Routine inspection, Elmer L. Allen Property, Sanders County, Montana, Docket No. DMEA 2103 (copper), Contract Idm-E423

The Elmer L. Allen property was visited September 14, 1954. Mr. Elmer Allen, Operator, was at the property on the day of the visit.

Advance since the visit of August 13, 1954 was mapped. The Operator started a new heading 8 feet back from the face as shown on the sketch submitted with the inspection report of August 13. This heading was advanced 32 feet on a bearing of S. 40° E. The rate of advance has increased since the Operator started this new drift as he has had no difficulty with caving ground.

Mr. Allen has employed Kenneth Browning to work with him on the exploration program. Mr. Browning will be paid $6.00/shift plus a 25% interest in any ore that is opened up by the exploration work.

The Operator is using a 10 hole V-cut round in his advance and uses 33 sticks of 40% Illinois Powder Co. Gold Medal powder per round. Two days are required to drill, pull and muck a 4' round. Approximately 5 gallons of gas is used in the compressor for every round drilled.

The expiration date of the contract is October 27, 1954. The Operator will not be able to complete the exploration work as outlined under the contract on the above date and will need an extension of time. As the contract will have been in force 24 months on October 27, 1954, an amendment to extend the completion date must be prepared in Washington. A 3 months extension should allow the Operator sufficient time to complete the work as outlined in the contract.

W. S. Anderson
W. S. Anderson

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD
WSA/he

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON, D.C.~~
1201 N. Division St.
Spokane 2, Washington
August 24, 1954

MEMORANDUM

To: DMEA Field Team, Region II

From: W. S. Anderson, Mining Engineer, Bureau of Mines

Subject: Interim inspection, Docket No. DMEA 2103 (copper), Elmer L. Allen Property, Sanders County, Montana, Contract Idm-E423

The Elmer L. Allen property was visited August 13, 1954, accompanied by Chin Ran Lou, foreign trainee from Formosa. Mr. Elmer Allen, Operator, and his son were working at the property on the day of the visit.

The Operator has completed 37 feet of advance since the previous visit of July 1, 1954. A sketch is attached showing the work completed.

As is evident from the sketch, the Operator has had difficulty in trying to drift on the vein because the vein material sloughs very readily. Whenever he swings the drift to intersect the vein he has difficulty with caving ground. As a result, a new heading must be started to bypass the caved area.

It was recommended to the Operator that he start a new heading approximately 10 feet back from the present face and to run this heading on a bearing of S. 35° E. which would parallel the vein. From this drift he could crosscut to the vein after 50 feet of advance. If, at this point, the vein would stand well enough to drift on, further drifting could be on the vein. If not, the heading should be run parallel with the vein and crosscuts driven to check the vein at intervals of 30 feet.

The downward projection of the surface exposure in the northernmost pit should be intersected after approximately 89 feet of advance on a bearing of S. 35° E. from the present face.

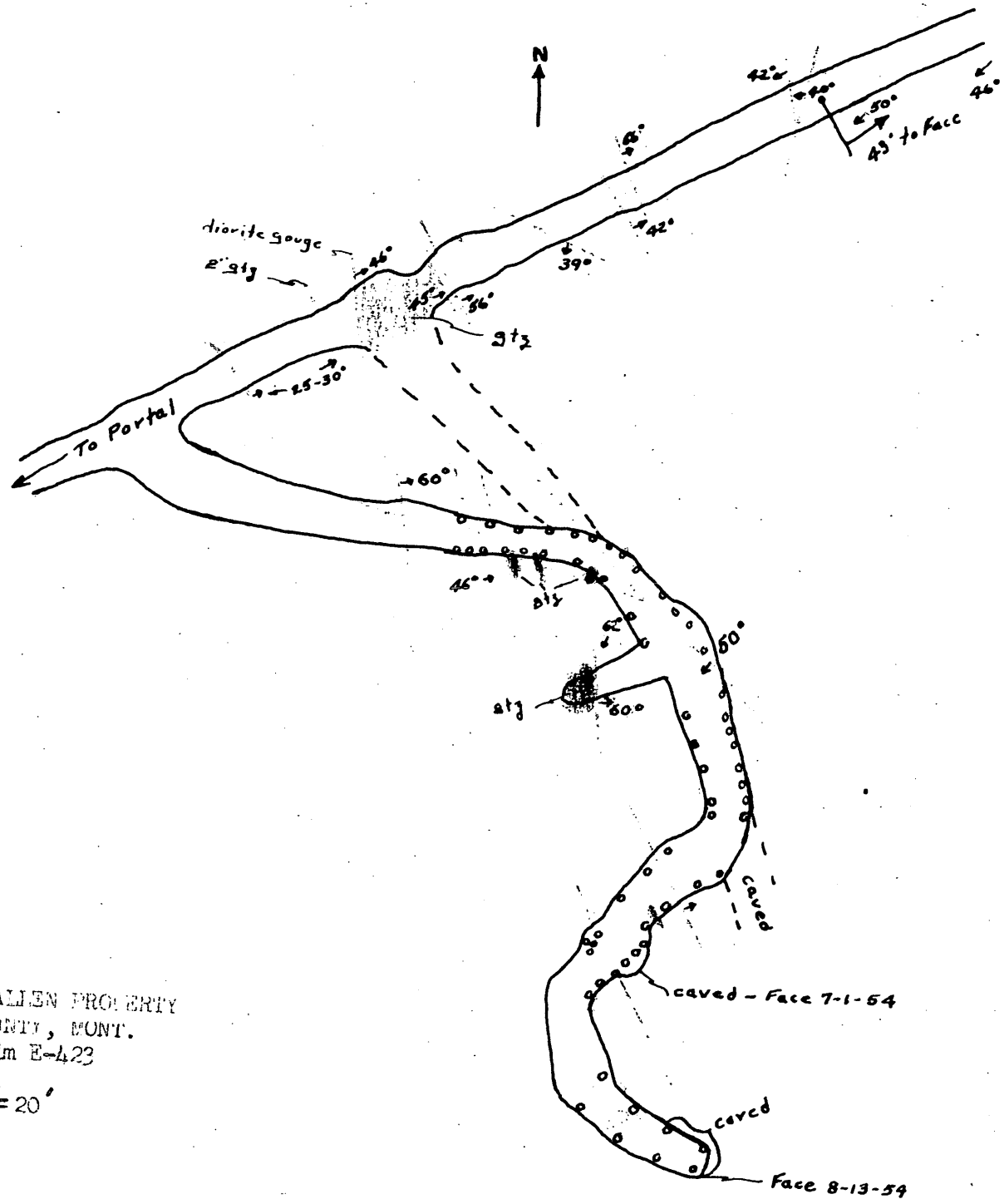
On July 14, 1954, the Operator purchased a Gardner-Denver 105 cfm portable compressor, 2 Chicago Pneumatic jackhammers, and 150 feet of air hose for a total cost of $1200.00. Mr. Allen stated

that he purchased the equipment for $400.00 down with the balance to be paid in monthly installments. The equipment was purchased independent from the exploration project contract as no funds were allotted for equipment.

Progress and workmanship have improved since the last inspection and if Mr. Allen follows the recommended bearing instead of swinging back to the vein, he should be able to maintain a constant rate of advance.

W. S. Anderson

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD
WSA/he



ELMER & JESSIE ALLEN PROPERTY
SANDERS COUNTY, MONT.
CONTRACT 1dm E-423

Scale 1" = 20'

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

August 6, 1954

Memorandum

To: DMEA Field Team, Region II

From: Willard P. Puffett, Geologist, U. S. Geological Survey

Subject: Docket No. DMEA 2123 (lead-zinc), Pacific Northwest Mining Company, Lucile Mine, Stevens County, Washington, Contract No. Idm-E228

On Wednesday morning, August 4, 1954, I visited the Lucile mine. No one was at the property. Inspection of the crosscut showed that no advance had been made since the last inspection on July 9, 1954. A few carloads of broken rock near the face had been removed. There was also a porcupine in a trap beneath the compressor near the entrance to the adit.

Mr. Robert Rukke was contacted in one of the local taverns in Northport, Washington, Wednesday evening. Mr. Rukke reported that on three occasions plans had been made to resume work at the Lucile. On July 10, 1954, workmen arrived at the mine to start advancing the crosscut. They found that someone had maliciously rolled all the filled oil drums down the steep slope below the portal. Investigations by Mr. Rukke soon discovered the culprits and he was successful in having all items returned, with the exception of one oil drum.

After an interval of a few days, more miners arrived to work and found that porcupines had chewed all the wires off the compressor,--hence the trap around the compressor which I noted above. This created an additional delay while the wires were being repaired and replaced.

Finally, apparently, the equipment was put in working order, and removal of broken rock from near the face was started. Mr. Rukke was personally aiding in doing this work. When about the third mine carload of broken rock was being removed by Mr. Rukke, the mine car was accidentally pushed over the dump. For some reason, Mr. Rukke was not able to free himself from the car, and he was thrown down the dump some considerable distance and suffered minor injuries. The mine car is now resting on the hill slope some 1,000 feet below the mine dump. A new mine car has been ordered, and Mr. Rukke reported that plans were to resume work on Thursday, August 5.

The money with which the operators plan to finance the remainder of the contract work is still held in escrow by the State of Washington. While waiting for the release of these funds, Mr. Rukke reported that he was personally financing the work.

Distribution:
DMEA (orig. & 3)
USBM (2)
Docket
Puffett

ACTION ON INTERIM 2103 E-423
OR FINAL FIELD TEAM REPORT

Date 8/3/54

Referred to:

1. ~~Mr. Mittendorf~~
2. ~~Mr. Johnson~~
3. ~~Mr. Chambers~~
4. Docket Control Mails and Files
5. _____ Division
6. Docket Control Mails and Files

Note comments in report regarding:

1. Bad case?

2.

3.

4.

and take appropriate action.

- - - - -

Action taken by Division:

Don't remove

ROBERT E. ADAMS

Initials

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

1201 N. Division St.
Spokane 2, Washington
July 6, 1954

MEMORANDUM

To: DMEA Field Team, Region II

From: W. S. Anderson, Mining Engineer, Bureau of Mines

Subject: Routine inspection, Docket No. DMEA 2103 (copper), Elmer L. Allen property, Sanders County, Montana, Contract Idm-E423

The subject property was visited July 1, 1954. Mr. Elmer Allen, Operator, was present at the property during the visit. He stated that he had started work under the contract on June 5, 1954 after an approved recess of operations since November 10, 1953.

Total advance for the month of June was 3 feet of crosscut. The Operator stated that he had spent most of the month catching up a cave in the face of the crosscut.

Total work completed under the exploration project contract to date is as follows:

318 feet of initial rehabilitation
86 feet of crosscutting
45 feet of rehabilitation of caved drift

The Operator has no compressor at the property but states that he is making arrangements to rent one. Hand steel was used to drill the round for the 3 feet of advance in June.

It is believed that the Operator does not have sufficient funds to carry on the work and is depending on funds provided by the Government to cover expenses. How?

Progress under the contract has been very unsatisfactory, and workmanship is not up to standard.

It is recommended that the contract be terminated unless progress and work standards for the month of July show a decided improvement.

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD
WSA/he

W. S. Anderson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

June 8, 1954

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-2103 (copper)
Elmer L. and Jessie M. Allen
Allen Property
Sanders County, Montana
Contract No. Idm-E423

Dear Mr. Selfridge:

Enclosed are the original and three copies of the combined Assignment of Contract, Assignee's Acceptance, and Government's Consent. Distribution of this document is being made in the usual manner.

In accordance with instructions contained in your letter dated April 15, 1954, we have obtained from the operator a Deed of Mining Claim, a copy of which is enclosed.

Sincerely yours,

Thor H. Kiilsgaard

Thor H. Kiilsgaard
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosures
cc: Finance Office w/encl.
USBM (2)
Nickelson

JUN 1 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

May 25, 1954

Mr. Elmer L. Allen
c/o Charles A. Allen
Dixon, Montana

Re: Docket No. DMEA 2103 (copper)
Allen Property
Sanders County, Montana
Contract Idm-E423

Dear Mr. Allen:

Reference is made to your letter of May 22, to which was attached a formal conveyance (Deed of Mining Claim) of the interest of your wife, Mrs. Jessie M. Allen, on the cited property to yourself. In response to this letter, we are forwarding to you copies of the assignment of contract which need to be signed by both your wife and yourself to become effective. When these signatures have been effected, please retain that copy marked for the operator and return the others to this office.

We are interested to note that you plan to be at the property by the end of May and we hope that you are able to resume and complete the work outlined in the contract.

Sincerely yours,

Thor H. Kiilsgaard
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosure

cc: USBM (2)
DMEA (2)
Nickelson

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

So. 157 Howard Street
Spokane 4, Washington

Defense Minerals
RECEIVED
MAY 3 - 1954

April 27, 1954

Mr. Elmer L. Allen
155 East 6790 South
Midvale, Utah

Re: Docket No. DMEA-2103 (Copper)
Allen Property
Sanders County, Montana
Contract No. Idm-2423

Dear Mr. Allen:

In response to Mrs. Jessie M. Allen's letter of March 1, 1954, requesting that her name be stricken from the above contract and that all future checks, obligations, and assignments applying thereto be to the use of and in the name of Elmer L. Allen, we have had drafted an instrument assigning the interests of Mrs. Jessie M. Allen to Mr. Elmer L. Allen. This instrument will be made a part of the contract as soon as it has been signed by the assignor, Jessie M. Allen, and the assignee, Elmer L. Allen.

Before the instrument is delivered to you for signature, however, we must require that a copy of a document of formal conveyance of the land from Jessie M. Allen to her husband, Elmer L. Allen, be furnished to the Government, as we consider her letter of March 15 insufficient in this regard. Therefore, if you will please mail to us one copy of this document of formal conveyance, we shall in turn forward to you copies of the assignment for the signature of both parties concerned.

In the event Mrs. Allen prefers to execute an Owner's Consent to Lien, in lieu of a formal conveyance to her husband of her interests in the property, such a Consent to Lien will be acceptable to us provided that she is still part owner of the property. Copies of a Consent to Lien agreement are enclosed, to be used should Mrs. Allen elect this alternative.

By Field Team, Region II

Wing G. Agnew, Acting Executive Officer
U. S. Bureau of Mines

Thor H. Killagaard, Acting Member
U. S. Geological Survey

Enclosure

cc: DMEA (2); USBM (2); Michelsen

FILE COPY
SURNAME:

140

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

APR 16 1954

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA-2103 (Copper)
Elmer L. and Jessie M. Allen
Allen Property
Sanders County, Montana
Contract Idm-E423

Dear Mr. Weissenborn:

In response to your letter dated March 15, we have drafted the enclosed combined assignment of contract, assignee's acceptance, and Government's consent which has been executed by the Administrator in behalf of the Government.

However, before the form is delivered to the Allens for signature, it is required that a copy of the document of formal conveyance of the land from Jessie M. Allen to her husband, Elmer L., be furnished to the Government, as we consider the letter dated March 1, 1954, from Jessie M. Allen to you insufficient in this regard. You will note that a blank has been left in the second paragraph of the form for the insertion of the date of such an instrument.

If Jessie M. Allen prefers to execute an Owner's Consent to Lien in lieu of a formal conveyance to her husband of her interest in the property, this would be acceptable to us, provided that she is still a part owner of the property.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee

Enclosures 6

Approved:

J. H. Hedges
Member, Bureau of Mines

D. M. Larrabee
Member, Geological Survey

HCRubin:ep 4-9-54

Copy to: Docket
Admr. Reading File
Operating Committee
Mr. C. H. Johnson, B/M (3621)
Mr. A. R. Kinkel, Jr., USGS (B-242-A, GSA)
Mr. Brill
Mr. Hofflund
Mr. Rubin
Chron.
Pending

Britin
Hofflund
Chung
Clapp
Selfridge
Johnson

R.C.S.

3/25/54 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
~~XXXXXXXXXXXXXXXXXXXX~~
So. 157 Howard Street
Spokane 4, Washington

RECEIVED

March 15, 1954

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-2103 (Copper)
Elmer and Jessie Allen Property
Sanders County, Montana
Contract No. Idm-2423

Dear Mr. Selfridge:

Enclosed are four copies of a letter from Mrs. Jessie M. Allen dated March 1, 1954, in which she requests that her name be stricken from the above-named contract and from all obligations thereto.

This letter is being forwarded so that you may take such action as you deem necessary.

Sincerely yours,

Thor H. Kiilsgaard
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosure

cc: UEEM (2)
Nickelson

RECEIVED
MAR 29 1954
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 19 1954

Midvale,Utah
March Ist. 1954

Re; Docket No. DMEA-2103 (Copper)
Allen Property
Sanders County, Montana
Contract NO. Idm-E423

United States Department of the interior
Defense Minerals Exploration Administration
So.157 Howard Street
Spokane 4,Washington

Mr. A.E. Weissenborn
EXecutive Officer,DMEA
Feild Team,Region II

Dear Sir;

In consideration of the fact,that for value received,Ihave sold all my property and contract rights and Holdings and all right of assignment applying there to,(In the above named property and contract) To my Husband and partner,Elmer L. Allen.

I Jessie M. Allen ,herewith request that my name be stricken from the above named contract, and that all future checks, obligations and assignments appling thereto,be to the use of and in the name of my Husband Elmer L. Allen.

Sincerly Yours,
Jessie M. Allen
155 East 6790 South
Midvale Utah

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 19 1954

Midvale,Utah
March Ist. 1954

Re; Docket No. DMEA-2103 (Copper)
Allen Property
Sanders County, Montana
Contract NO. Idm-E423

United States Department of the interior
Defense Minerals Exploration Administration
So.157 Howard Street
Spokane 4,Washington

Mr. A.E. Weissenborn
EXecutive Officer,DMEA
Feild Team,Region II

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Sincerly Yours,
Jessie M. Allen
155 East 6790 South
Midvale Utah

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

Department of the Interior
Defense Minerals Administration
RECEIVED
MAR 19 1954

March 15, 1954

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-2103 (Copper)
Elmer and Jessie Allen Property
Sanders County, Montana
Contract No. Idm-E423

Dear Mr. Selfridge:

Enclosed are four copies of a letter from Mrs. Jessie M. Allen dated March 1, 1954, in which she requests that her name be stricken from the above-named contract and from all obligations thereto.

This letter is being forwarded so that you may take such action as you deem necessary.

Sincerely yours,

Thor H. Kiilsgaard

Thor H. Kiilsgaard
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosure

cc: USBM (2)
Nickelson

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 19 1954

Midvale,Utah
March Ist. 1954

Re; Docket No. DMEA-2103 (Copper)
Allen Property
Sanders County, Montana
Comtract NO. Idm-E423

United States Department of the interior
Defense Minerals Exploration Administration
So.157 Howard Street
Spokane 4,Washington

Mr. A.E. Weissenborn
EXecutive Officer,DMEA
Feild Team,Region II

Dear Sir;

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I Jessie M. Allen ,herewith request that my name be stricken from the above named contract, and that all future checks, obligations and assignments appling thereto,be to the use of and in the name of my Husband Elmer L. Allen.

Sincerly Yours,
Jessie M. Allen
155 East 6790 South
Midvale Utah

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 19 1954

Midvale,Utah
March Ist. 1954

Re; Docket No. DMEA-2103 (Copper)
Allen Property
Sanders County, Montana
Comtract NO. Idm-E423

United States Department of the interior
Defense Minerals Exploration Administration
So.157 Howard Street
Spokane 4,Washington

Mr. A.E. Weissenborn
EXecutive Officer,DMEA
Feild Team,Region II

Dear Sir;

In consideration of the fact,that for value received,Ihave sold all my property and contract rights and Holdings and all right of assignment applying there to,(In the above named property and contract) To my Husband and partner,Elmer L. Allen.

I Jessie M. Allen ,herewith request that my name be stricken from the above named contract, and that all future checks, obligations and assignments appling thereto,be to the use of and in the name of my Husband Elmer L. Allen.

Sincerly Yours,
Jessie M. Allen
155 East 6790 South
Midvale Utah

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

So. 157 Howard Street
Spokane 4, Washington

January 5, 1954

Air Mail

Mr. Elmer L. Allen
155 East 6790 So.
Midvale, Utah

Re: Docket No. DMEA-2103 (copper)
Contract No. Ida-5423

Dear Mr. Allen:

Reference is made to your letter of December 21, 1953, to Mr. A. E. Weissenborn, Executive Officer, DMEA, concerning the legality of subcontracting the tunnel work on your property, which you wish to do beginning on January 1, 1954.

Amendment No. 2 to your contract allows work to be recessed from November 10, 1953, to not later than May 31, 1954. This amendment states that during the recess period the Government shall not contribute to any costs incurred by the Operator. Our interpretation of the amendment is that work should commence by May 31 as that should mark the end of any winter season; however, if weather would permit the Operator to resume work at an earlier date, the Government would simply consider the contract as no longer being in recess and, therefore, participate in the costs of project work. For this reason, if you wish to subcontract the tunnel work on your property, you could commence work and we would consider the contract as no longer being in recess. We would caution you, however, to be sure that your subcontractor would continue with the work once it was started because if he should find the winter weather or other conditions made work unattractive, he might quit after a short period of time, in which case it might be necessary for us to call upon you to continue work under adverse winter conditions.

By Field Team, Region II

A. E. Weissenborn, Executive Officer
(U. S. Geological Survey)

Thomas E. Howard, Acting Member
(U. S. Bureau of Mines)

cc: DMEA (2)
USBM (2)
Nickelson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 28 1953

December 24, 1953

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-2103 (copper)
Allen Property
Sanders County, Montana
Contract No. Idm-E423

Dear Mr. Selfridge:

Attached are the original and two signed copies of Amendment No. 2 to the subject contract.

Distribution of this amendment is being made in the usual manner.

Sincerely yours,

A. E. Weissenborn

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Attachment
cc: Finance Officer w/encl.
USBM (2)
Nickelson

RECEIVED
JAN 4 1954
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

12-28

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
~~xxxxxxxxxxxxxxxxxx~~
So. 157 Howard Street
Spokane 4, Washington

December 16, 1953

Mr. Elmer L. Allen
155 East 6790 So.
Milvale, Utah

Re: Docket No. DMEA-2103 (copper)
Allen Property
Sanders County, Montana
Contract No. Idm-2423

Dear Mr. Allen:

Enclosed are several copies of Amendment No. 2 to the above contract, which will allow for a recess period from November 10, 1953, to not later than May 31, 1954.

If the terms and conditions of this amendment meet with your approval, please see that all copies are signed, retain that copy marked for the Operator and return the remaining copies to this office.

Sincerely yours,

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosure

cc: DMEA (2)
USBM (2)
Nickelson

FILE COPY
SURNAME:

Ching
Selfridge

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

DEC - 4 1953

Mr. [illegible] Eisenhorn
Executive Officer
DMA Field Team, Region II
North 117 Howard Street
Spokane 1, Washington

Re: Docket No. [illegible]-2103 (Corner)
Contract No. [illegible]-2123
Oliver L. and Jessie L. Allen
Boulder County, Montana

Dear Mr. Eisenhorn:

Reference is made to the Field Team's letter of November 23, 1953, recommending that the captioned Operator be given a recess until May 31, 1954 and an extension of the completion date to October 27, 1954.

In view of the difficulty of operating at this property during the winter months and the fact that 211 feet of drifting or crosscutting remain to be done under the contract we concur with the Field Team's recommendation. Since the contract term after the proposed extension will not exceed two years, it is suggested that you draw up and execute the necessary amendment.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (JHB)

Members:

J. H. Hedges (JHB)
Member, Bureau of Mines

D. M. Larrabee (JHB)
Member, Geological Survey

MChing/db
12-2-53
cc to: Adm. Reading File
Operating Committee
Docket
Messrs: C. H. Johnson, Rm. 3621
A. R. Kinekl, Rm. E-2142A, GSA
Ellis
Ching

12-4-53

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

RECEIVED
NOV 30 1953

1201 N. Division St.
Spokane 2, Washington
November 23, 1953

Mr. George C. Selfridge, Chairman
DMEA Operating Committee
Department of the Interior
Washington 25, D. C.

Subject: Docket No. DMEA 2103 (copper)
Elmer and Jessie Allen
Sanders County, Montana
Contract No. Idm-E423

Dear Mr. Selfridge:

Mr. Elmer Allen, Operator of the subject project, has requested a recess in operations for the winter and also an extension of time to complete work under the exploration project contract.

The Operator has had difficulty with bad ground requiring spiling, which resulted in a slower rate of advance than originally estimated. Access to the property is difficult during the winter months, and living conditions are quite primitive.

Taking these factors into consideration, it is recommended that the Operator be given a recess until May 31, 1954 and an extension of time to complete the contract until October 27, 1954.

By Field Team, Region II

A. E. Weissenborn

A. E. Weissenborn, Exec. Officer
U. S. Geological Survey

M. E. Volin

M. E. Volin, Member
U. S. Bureau of Mines

cc: USGS (2)

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

Defense Minerals
RECEIVED
NOV 10 1953

1201 N. Division St.
Spokane 2, Washington
November 6, 1953

Mr. Elmer L. Allen
% Charles A. Allen
Dixon, Montana

Subject: Docket No. DMEA 2103 (copper)
Elmer and Jessie Allen
Sanders County, Montana
Contract No. Idm-E423

Dear Mr. Allen:

Mr. W. S. Anderson, field engineer, visited your property October 27, 1953, and at that time you were uncertain as to whether you would continue the exploration work this fall. As you knew, the expiration date of the contract was October 27, 1953; therefore, an extension of time would be required if you plan to continue the work under the exploration project contract.

Will you please inform us as to your plans for completing your contract? If you are going to suspend operations for the winter and resume again as soon as weather permits in the spring, it will be necessary for you to write us, requesting a recess and an extension of time.

By Field Team, Region II

M. E. Volin, Acting Exec. Officer
U. S. Bureau of Mines

Thor H. Kiilsgaard, Acting Member
U. S. Geological Survey

cc: DMEA, Wash. (2)
USGS (2)

FILE COPY
SURNAME:

Ching
Ellis
Johnson
Selfridge
Johnson

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

NOV 5 1953

Mr. A. . Weissenborn
Executive Officer
DMA Field Team, Region II
South 157 Howard Street
Spokane 1, Washington

Re: Docket No. DMA-2103 (Copper)
Contract No. Idm-4123
Elmer L. and Jessie M. Allen
Sanders County, Montana

Dear Mr. Weissenborn:

The completion date on the captioned project has expired. Our latest information on this project indicates that the work as outlined in the contract has not been completed.

It is suggested that you take action, if appropriate, to have the completion date extended.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GCS)

ADVISED:

J. H. Hedges (JHH)
Member, Bureau of Mines

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

MChing/db
11-3-53
cc to: Adm. Reading File
Opr. Committee
Docket
Messrs: C.H.Johnson, Rm. 3621
A.R.Kinkel, Rm. B0242A, GSA
Ellis
Ching

R.C.S. 11-5-53

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
N. 1201 Division Street
Spokane 2, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 16 1953

October 30, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: W. S. Anderson, Mining Engineer, U. S. Bureau of Mines

Subject: Routine inspection, Elmer & Jessie Allen property, Sanders County, Montana, Contract No. Idm-E423, Docket No. DMEA 2103 (copper)

The subject property was visited October 27, 1953. Mr. Elmer Allen, operator, was at the property during the visit. The crosscut has been advanced 9 feet S53°W since the visit of September 24, 1953, intersecting the footwall of the quartz vein. The operator then started drifting on the vein and advanced 3 feet on a bearing of S20°E. This advance on the vein required spilling as the ground would not hold long enough to place timber.

Total work completed under the exploration project contract to date is as follows:

318 feet of initial rehabilitation
83 feet of crosscutting
45 feet of rehabilitation of caved drift

The operator had returned the compressor and drifter, which he was renting, to the owners in Missoula, Montana, and at the time of the visit was mucking out a cave in the face of the crosscut. He was uncertain as to how long he would continue work at the property this fall. In view of the fact that he has removed the compressor and drifter from the property the only work that he could do would be to catch up the cave in the face of the crosscut.

It is anticipated that work under the exploration project contract will be recessed within the next two weeks and not started again until spring when weather conditions permit.

As the expiration date of the subject contract was October 27, 1953, a letter has been written to Mr. Allen requesting what his plans are for completing work authorized under the contract. If Mr. Allen is going to continue work next summer an amendment allowing an extension of time will be required.

Progress during the last month has been slow and the operator was informed that a satisfactory rate of advance must be maintained in future work under the contract.

Distribution:
Orig. & 3 cys - Wash.
USGS (2)
DMEA
MD
AD
WSA/fw

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
No. 15, Howard Street
Spokane 4, Washington

October 15, 1953

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-103 (Copper)
Elmer L. and Jessie M. Allen
Sanders County, Montana
Contract No. Idm-[illegible]

Dear Mr. Selfridge:

Attached are the original and two signed copies of Amendment No. 1 to the subject contract, with attached justification.

Distribution of this amendment is being made in the usual manner.

Sincerely yours,

[illegible] E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Attachment

cc: Finance Officer w/encl.
UEM (2)
Nickelson

RECEIVED
OCT 29 1953
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

10-20

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

October 5, 1953

Elmer L. and Jessie M. Allen
Dixon, Montana

Re: Docket No. DMEA-2103 (Copper)
Elmer L. and Jessie M. Allen
Sanders County, Montana
Contract No. Idm-E423

Dear Mr. and Mrs. Allen:

Enclosed are several copies of Amendment No. 1 to your DMEA contract. If the terms and conditions of this amendment meet with your approval, please sign all copies, retain that copy marked for the Operator and return the others to this office. A prompt return of the signed copies of the amendment will be appreciated as we will need them before we can make payment on rehabilitation work, the invoices for which you have already submitted.

Sincerely yours,

Thor H. Kiilsgaard
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosure

cc: DMEA (2)
USBM(2)
Nickelson

WHATS WRONG

GARBLED

DEPARTMENT OF THE INTERIOR
Defense Materials Administration
RECEIVED
OCT - 6 1953

RECEIVED
OCT 2 3 54 PM '53
GENERAL SERVICES ADMIN.
PUBLIC BLDGS. SERVICE
BMD - COMMUNICATIONS

397 WA SP /I-GS-G/

SPOKANE 10-2-53 1150A

GEORGE C. SELFRIDGE

CHAIRMAN OPERATING COMMITTEE

DMEA DEPARTMENT OF INTERIOR

WA 25 DC

SUBJECT DOCKET DMEA-2103 /COPPER/, ELMER AND JESSIE ALLEN CONTRACT. AMENTMENT NUMBER 1 WAS TRANSMITTED TO YOUR OFFICE SEPTEMBER 8 FOR APPROVAL BY THE ADMINISTRATOR. PAYMENT BEING WITHHELD PENDING RECEIPT APPROVAL. PLEASE ADVISE.

A E WEISSENBORN, EXECUTIVE OFFICER, REGION II

DMEA-2103 1 8

VA 1152A

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

140

FILE COPY
SURNAME

Kane
Rubin
Ching
Ellis
Selfridge
FE Johnson

SEP 30 1953

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA-2103 (Copper)
Elmer L. and Jessie M. Allen
Sanders County, Montana
Contract No. Ida-E423

Dear Mr. Weissenborn:

Reference is made to your letter of September 8, 1953, with which you enclosed six copies of a proposed Amendment No. 1 to the subject contract.

We concur with the changes set forth in the proposed amendment. In order to expedite matters we are authorizing you to execute the amendment and we are returning all copies herewith.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (FB)

Enclosures 6

Approved:

J. H. Hedges

Member, Bureau of Mines (FB)

A. R. Kinkel, Jr.

Member, Geological Survey (FB)

rewritten
AEKane/emd 9/28/53
FEJohnson/esf 9/30/53
Copy to: √Docket
Admr. R. File
Op. Committee
J. H. Hedges
L. P. Thayer
E. W. Ellis
A. E. Kane
J. L. Hofflund
chron pending

R.C.L. 9-30-53

140

FILE COPY
SURNAME:

Kane
Rubin
Ching
Ellis
AEKane
Rubin
Ching
Ellis

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

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region II
So. 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA-2103 (Copper)
Elmer L. and Jessie M. Allen
Sanders County, Montana
Contract No. Idm-E423

Dear Mr. Weissenborn:

Reference is made to your letter of September 8, with which you enclosed six copies of a proposed Amendment No. 1 to the subject contract.

We concur with the changes set forth in the proposed amendment and are returning it to be executed in the field.

Sincerely yours,

Chairman, Operating Committee

Enclosures 6

Approved:

Member, Bureau of Mines

Member, Geological Survey

rewritten
AEKane/emd 9/28/53
Copy to: Docket
Adm. R. File
Op. Comm.
J. H. Hedges
L. P. Thayer
E. W. Ellis
A. E. Kane
J. L. Hofflund
chron pending

FILE COPY
SURNAME: 9K

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

September 29, 1953

N.S. in R.R.

Memorandum

To: Mr. Frank E. Johnson
Acting Administrator

From: Jay L. Chambers, Chief (Signed) J. L. Chambers
Contract Administration and Audit Division

Subject: Docket No. DMTA-2103 (Copper)
Elmer L. and Jessie M. Allen
Sanders County, Montana
Contract No. Ida-2423

I am transmitting herewith a proposed contract amendment to be executed in the Field. The letter of transmittal, which is the third one to be proposed to accompany the proposed amendment, now states that we concur with the changes and the Executive Officer may execute the contract in the Field.

The first proposed letter to the Executive Officer stated that there were no changes in the unit prices and therefore the execution of the amendment was within his delegated authority. The second proposal stated that the Executive Officer had the authority to execute the amendment even though a new unit of work and a new unit cost was established. Now the third proposal is that we ask the Field to execute the proposed amendment with our concurrence.

It appears to me that when a contract based on agreed unit costs is to be amended by new work at new unit costs, this should be done in the Washington office.

Attachment

JLChambers/wb
September 29, 1953

Copy to: Docket
Admr. Reading File
Operating Committee
Mr. Hoffland
Mr. Ellis
Mr. Chambers

800

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

September 29, 1953

Memorandum

To: Mr. Frank E. Johnson
Acting Administrator

From: Jay L. Chambers, Chief
Contract Administration and Audit Division

Subject: Docket No. DMEA-2103 (Copper)
Elmer L. and Jessie M. Allen
Sanders County, Montana
Contract No. Idm-E423

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It appears to me that when a contract based on agreed unit costs is to be amended by new work at new unit costs, this should be done in the Washington office.

Attachment

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

September 25, 1953

Memorandum

To: Operating Committee

From: Jay L. Chambers, Chief
Contract Administration and Audit Division

Subject: Docket No. DMEA-2103 (Copper)
Elmer L. and Jessie M. Allen
Sanders County, Montana
Contract No. Idm-E423

I am forwarding to you a proposed letter and a proposed amendment to the above-cited contract without surnaming them for the following reasons:

(1) The Executive Officer of Region II sent the amendment to Washington for approval because he said it was outside of his delegated authority.

(2) Item two of the proposed amendment is a new item with an agreed unit cost. If this proposed amendment is returned by the Operating Committee with a statement that it falls within the delegated authority of the Executive Officer, it will set a precedent under which new items under agreed unit costs contracts may be established without referral to the Washington Office.

Attachment

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

Bureau of Land Management
Legend Lands Administration
RECEIVED
OCT - 8 1953

1201 N. Division St.
Spokane 2, Washington
September 28, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: W. S. Anderson, Mining Engineer, Bureau of Mines, and Howard Nickelson, Geologist, U. S. Geological Survey

Subject: Routine inspection, Elmer and Jessie Allen Property, Sanders County, Montana, Contract No. Idm-E423, Docket No. DMEA 2103 (copper)

The subject property was visited September 24, 1953. Mr. Elmer Allen and one miner were at the property during the visit.

The drift, which was intersected by the crosscut, has been rehabilitated for a distance of 45 feet and a crosscut driven 11 feet on a bearing of S. 53° W. The vein was intersected in the face of the crosscut and the Operator was advised to cut through the vein to determine its width and then to start drifting on the vein.

Mr. Allen has been having labor trouble as Mr. Knobe, miner at the property, has been away for the past two weeks. Mr. Allen stated that he secured another miner and will also try to get Mr. Knobe to return so that he will have two miners working with him in order to speed up advance in future work.

The expiration date of the contract is October 27, 1953 and it is thought that Mr. Allen will not be able to complete the work outlined under the project by that date. An extension of time will probably be required.

Work completed to date under the contract is as follows:

318 feet of initial rehabilitation
71 feet of crosscutting
45 feet of rehabilitation of caved drift

W. S. Anderson
W. S. Anderson

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD
WSA/he

FILE COPY
SURNAME:

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

N.S. in R.R.

September 25, 1953

Memorandum

To: Operating Committee

From: Jay L. Chambers, Chief (Signed) J. L. Chambers
Contract Administration and Audit Division

Subject: Docket No. DMPA-2103 (Copper)
Elmer L. and Jessie M. Allen
Sanders County, Montana
Contract No. Idm-2423

I am forwarding to you a proposed letter and a proposed amendment to the above-cited contract without summaring them for the following reasons:

(1) The Executive Officer of Region II sent the amendment to Washington for approval because he said it was outside of his delegated authority.

(2) Item two of the proposed amendment is a new item with an agreed unit cost. If this proposed amendment is returned by the Operating Committee with a statement that it falls within the delegated authority of the Executive Officer, it will set a precedent under which new items under agreed unit costs contracts may be established without referral to the Washington Office.

Attachment

JLChambers/wb
September 25, 1953

Copy to: Docket
Admr. Reading File
Mr. Hofflund
Mr. Ellis
Mr. Chambers

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D.C.
[illegible] 157 Howard Street
Spokane 1, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
(Spokane)
SEP 2 1 1953

September [illegible], 1953

Mr. Ernest [illegible] Olson
c/o Charles A. Olson
Dixon, Montana

Re: Project No. [illegible]-2143 (Olson),
Sanders County, Montana
Contract No. [illegible]-423

Dear Mr. Olson:

Amendment 1, 1953, as forwarded to our Washington office proposed Amendment No. 1 to your contract.

As this amendment involves consolidation of a paved drift at a proposed unit cost, it must have the approval of the Executive Committee, at which time you will be notified of the Committee's action.

Very truly yours,

Gary [illegible] Mellor
for A. [illegible] Glasgow
Executive Officer, DMEA
Field Team, Region [illegible]

[illegible]
[illegible]
[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D. C.~~
So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
SEP 21 1953

September 14, 1953

Mr. Ernest W. Ellis, Acting Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-2103 (Copper)
Elmer and Jessie Allen property
Sanders County, Montana
Contract No. Idm-E423

Dear Mr. Ellis:

On September 8, 1953, we forwarded to you six copies of a proposed Amendment No. 1 to the subject contract.

In paragraph 2, line 3, would you please substitute the word "drift" for "shaft".

Thank you for your attention to this matter.

Sincerely yours,

Mary L. Smelser

Mary L. Smelser
for A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

cc: USBM(2)
Campbell

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

RECEIVED
OCT - 6 1953

1201 N. Division St.
Spokane 2, Washington
September 11, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: W. S. Anderson, Mining Engineer, Bureau of Mines

Subject: Routine inspection, Elmer and Jessie Allen property, Sanders County, Montana, Contract No. Idm-E423, Docket No. DMEA 2103 (copper)

The Elmer and Jessie Allen property was visited August 27, 1953. Mr. Elmer Allen, Operator, and Mr. Knabe, miner, were at the property during the inspection.

USBM No. 335 was placed on a sprag in the northwest wall of the main crosscut at USBM No. 301 + 93.3 feet for a measuring point.

The crosscut to bypass the caved drift on the vein has been advanced 53 feet since the last visit for a total advance under the contract of 60 feet. The crosscut intersected the old drift on the vein as shown on the attached sketch. The floor of the drift was covered with large slabs which had sloughed from the back, but was open enough to permit entry.

It is recommended that the drift on the vein be rehabilitated and a crosscut driven to the vein as shown on the sketch. The drift can be rehabilitated for a cost of $12/ft. for 45 feet and then a crosscut driven southwest to the vein. This 45 feet of advance at $12/ft. will leave more funds for further advance to the southeast on the vein.

Amendment No. 1 was written to allow this rehabilitation and has been forwarded to the Washington, D.C. office for approval.

The Operator had driven some of the crosscut only 4x7 feet in the clear, and he was told that the contract specified 5x7 feet in the clear for drifts and crosscuts and they should be carried as such.

W. S. Anderson

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
WSA/he

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
SEP 11 1953

September 8, 1953

Mr. Ernest W. Ellis, Acting Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-2103(Copper)
Elmer and Jessie Allen property
Sanders County, Montana
Contract No. Idm-E423

Dear Mr. Ellis:

Enclosed are six copies of proposed Amendment No. 1 to the subject contract.

This amendment has been prepared for the Executive Officer's signature by Mr. Webb Anderson, U. S. Bureau of Mines. However, as it involves rehabilitation of a caved shaft at a proposed unit cost, it is being forwarded to the Operating Committee for approval.

Justification for the proposed work is attached to the amendment.

Sincerely yours,

Thor H. Kiilsgaard
for A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosures 6
cc: USBM(2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
1201 N. Division St.
Spokane 2, Washington
August 7, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: W. S. Anderson, Mining Engineer, Bureau of Mines

Subject: Routine inspection Elmer and Jessie Allen property, Sanders County, Montana, Contract Idm-E423, Docket No. DMEA 2103 (cu)

The Elmer and Jessie Allen property was visited Thursday, July 29, 1953. Mr. Elmer Allen, his son and one miner were working at the property at the time of the visit.

The crosscut to bypass the cave in the drift on the quartz vein has been started at USBM No. 301 plus 97 and is carried on a bearing of S 55° E. Apparently the Operator has spent most of the month getting equipment into the property as there has been only seven feet of advance in the crosscut to date.

The Operator is using a hand-cranked drifter on a bar for drilling. The operations to date have not been efficient or well planned, but Mr. Allen stated that he had just hired the miner and expected at least a three foot advance per shift.

W. S. Anderson

W. S. Anderson

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 20 1953

1201 N. Division St.
Spokane 2, Washington
July 15, 1953

Mr. Elmer L. Allen
Dixon, Montana

Subject: Elmer and Jessie Allen Property
Sanders County, Montana
Contract Idm-E423
Docket No. DMEA 2103 (copper)

Dear Mr. Allen:

This is to inform you that the Field Team agrees to your suggestion to crosscut from the adit to bypass the cave in the drift. It is recommended that the crosscut be started from a point 90 feet northeast of brass tag USBM #301, which is approximately 30 feet to the southwest of the quartz vein. The crosscut should be carried on a bearing of S. 55° E. and should intersect the vein after approximately 80 feet of advance.

In your narrative you stated you would like to have the iron ore on the dump checked for manganese content. A spectrographic analysis of a grab sample of the dump taken by Mr. Anderson shows the manganese content of the ore to be between 0.1 and 1% and the iron content to be greater than 10%.

The Field Engineer will probably visit the property within the next two weeks, and if you have further questions you can talk them over with him at that time.

By Field Team, Region II

A. E. Weissenborn, Exec. Officer
(U. S. Geological Survey)

Thomas E. Howard, Acting Member
(U. S. Bureau of Mines)

cc: DMEA, Wash. (2)
USGS (2)

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

1201 N. Division St.
Spokane 2, Washington
July 13, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: W. S. Anderson, Mining Engineer, Bureau of Mines

Subject: Routine inspection of the Elmer and Jessie Allen property, Sanders County, Montana, Contract No. Idm-E423, Docket No. DMEA 2103 (copper)

The subject property was inspected June 24, 1953, accompanied by Mr. Elmer Allen, one of the partners.

The crosscut has been rehabilitated to USBM #301 + 90' for a total of 275 feet of rehabilitation since the initiation of work under the exploration project contract.

The crosscut ahead of the quartz vein, which was intersected at USBM #301 + 125', was measured and extends 100 feet beyond the vein and is in diorite for its full length. There is approximately 3 feet of water in the crosscut east of the vein, and the Operator plans on using this water for drilling.

The drift that had been driven on the quartz vein is caved and it is recommended, if the drifting is to be on the vein, that a crosscut be driven to by-pass the cave. It is thought that crosscutting would be less expensive than rehabilitation of the caved portion of the drift as spiling would be required.

W. S. Anderson

W. S. Anderson

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
WSA/he

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

July 6, 1953

Memorandum

To: DMEA Field Team, Region II

From: Arthur B. Campbell, Geologist, Geological Survey

Subject: Docket No. DMEA-2103 (copper), Report on interim inspection, Elmer T. and Jessie M. Allen property, Sanders County, Montana, Contract Idm-E423

The subject property was visited on June 18, 1953, and a plane table map was made of the surface. The property was again visited on July 3, at which time the cave in the adit had been removed and it was possible to get to the face for the first time.

The cave occurred at a point 310 feet from the portal where a drift on a large quartz vein cut the adit. Inspection of the adit beyond the cave showed no additional mineralization in the dioritic country rock. The total length of the adit measured from station MP No. 1 (nail in cap at portal) is 418 feet.

A section drawn from the plane table data indicates that the quartz vein cut by the adit is probably the vein which carried the copper mineralization further east. The projection of this vein on a known strike and dip from the east shaft to the quartz vein in the adit is not perfect but the lack of mineralization for 100 feet beyond the quartz vein indicates that the vein may have changed attitude slightly in its westward extension.

The Operator now plans to crosscut to the east from the adit to intersect the vein beyond the old drift. He reports that this old drift explored the vein for about 60 feet along strike and found much copper staining in the quartz. It appears that driving the crosscut would be more efficient and economical than attempting to rehabilitate the old drift; however, it is recommended that a representative of the Bureau of Mines evaluate this point as soon as possible and advise the Operator.

The adit has been cleaned up and track has been laid in a crude fashion for approximately 315 feet. One inadequate set of

timber had been placed in the area of the cave at the time of my last visit. Apparently the Operator has made no plans for the drifting stage of the contract for he still has acquired neither equipment nor manpower for the job. Pipe is on hand at the mine but still must be laid.

The Operator's report to the Field Team that the rehabilitation work was complete and that he was waiting for a decision from the Field Team's representatives whether to continue the adit or to drift was grossly exaggerated.

Distribution:
DMEA - Orig. & 3
USBM (2)
Docket
Campbell

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

1201 North Division Street
Spokane 2, Washington

May 11, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: W. S. Anderson, Mining Engineer, Bureau of Mines

Subject: Initial inspection, Elmer L. and Jessie M. Allen property, Sanders County, Montana, Docket No. 2103, Contract Idm-E423, (copper)

The subject property was visited May 6, 1953. Mr. Elmer Allen and Mr. Frank Allen were at the property at the time of the visit.

Elmer Allen started work at the property April 27, 1953. His work to date has consisted of hauling in materials and supplies, and constructing a road from the forest service road to the adit of the crosscut.

The crosscut was measured and USBM #301 was placed on a cap of a timber set at MP #1 (nail in cap at portal) + 185'. At USBM #301 + 117' there is a cave in the crosscut but Mr. Allen had removed enough material so that it was possible to crawl past the cave. There is approximately 3 feet of water in the crosscut beyond the cave and the back was in bad condition so further inspection was deemed hazardous. From USBM #301 + 125' to USBM #301 + 138.5', the crosscut intersects a quartz vein which dips approximately 56° to the northeast and strikes approximately at right angles to the crosscut. A lateral had been driven on the vein to the southeast and it was filled with caved material. A sketch is attached showing location of quartz vein and lateral driven on it.

It is suggested that a field team representative from USGS examine the property as soon as possible for at the time of the preliminary examination the vein was not accessible and information now available suggests that rehabilitation should only be carried to the vein and drifting then initiated on the vein.

W. S. Anderson

W. S. Anderson

Orig. & 3 - Wash.
USGS - 2
DMEA
M/D
WSA/vf

Work

C
O
P
Y

Dixon, Montana
May 4, 1953

Defense Minerals Exploration Administration
1201 N. Division St.
Spokane 2, Washington

Subject: Docket No. DMEA 2103 (copper)
Contract Idm-E423
Start of work

DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
SPOKANE
MAY 11 1953

Thomas E. Howard
Chief, DMEA Section
Bureau of Mines, Region II

Dear Mr. Howard:

I received your letter of May 28 and am happy to inform you that my property is now accessible and that I will be on it from now on except for a short period of time about May 20th, at which time my wife will be operated on in Salt Lake.

There were patches of snow for about 100 yards which I had to shovel to get to the property but the road up was otherwise good.

When the field engineer comes to start the work - the man that owns the property - ? near the highway where they start up the mountain - has put a lock on his gate but there will be a key under a flat rock just inside the fence by the second post to the west from the gate.

I will be hoping to hear from your field team soon.

Sincerely,

Elmer L. Allen
% Charles A. Allen
Dixon, Montana

- - - - - - - - - - - - - - - -

Note to files:

Anderson, Bureau of Mines, scheduled inspection trip for May 6, 1953.

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

1201 N. Division St.
Spokane 2, Washington
April 28, 1953

Mr. Elmer L. Allen
% Charles A. Allen
Dixon, Montana

Subject: Docket No. DMEA 2103
Contract Idm-E42
Start of work

Dear Mr. Allen:

Thank you for your letter of April 21, 1953, informing us of your intention to try to get to the property by April 27, 1953, in order to start work under the contract.

Please inform us when the property is accessible as it will be necessary for an engineer from this office to make an inspection at the earliest possible date and establish starting points for work to which the Government will contribute on the basis of units of work accomplished.

Sincerely yours,

Thomas E. Howard
Chief, DMEA Section
Bureau of Mines, Region II

cc: DMEA, Wash. (2)
USGS (2)
DMEA
AD
EWB
DF

TEH/he

C
O
P
Y

Midvale, Utah
April 21, 1953

Mr. M. E. Volin
Member, DMEA Field
Team, Region II
Defense Minerals Exploration
Administration
1201 North Division St.
Spokane 2, Washington

Subject: Docket No. DMEA 2103
Exploration project Contract
Idm-R423, Sanders County,
Montana

Gentlemen:

In compliance with Mr. Howard's request that we inform your office of the time we expect to start work on our property in the Sepeey Creek Mining District of Sanders County, Montana, according to the terms of our contract.

I will be up there on the 27th of April. However, I am doubtful if I will be able to get right to the mine by that time on account of the snow.

I will arrive by April 27 and will write to your office from there of the first date that I think it will be profitable for your men to be there: If this meets with your approval, write me in c/o Charles A. Allen at Dixon, Montana.

Sincerely,

Elmer L. Allen /s/

Elmer L. Allen
155 East 6790 South
Midvale, Utah

700 FILE COPY
SURNAME:

Schmidt
Allen

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

DEC 11 1952

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 8, Washington

Re: Docket No. DMEA-2103 (Copper)
Contract No. Idm-E423
Elmer L. and Jessie M. Allen
Sanders County, Montana

Dear Mr. Weissenborn:

Enclosed is an extra copy of the above-captioned contract (minus a copy of the claim map marked "Exhibit B" which is attached to the remaining copies of the contract), which you may forward to your field representative.

Sincerely yours,

Ernest Wm. Ellis

ACTING Chairman, Operating Committee

12-11-52

Enclosure

APPROVED:

G. H. Hedges

Member, Bureau of Mines

A. R. Kinkel, Jr.

Member, Geological Survey

GLAult/gla 12-9-52
cc to: Adm. Reading File
Opr. Committee
Docket
Messrs. A.R.Kinkel, Rm. 4234 GSA
C.H.Johnson, Rm. 3621
Field Team, Region II

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

[redacted]
So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 8 1952

December 2, 1952

Mr. Frank E. Johnson, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket DMEA-2103 (Copper)
Allen Property
Sanders County, Montana
Contract Idm-E423

Dear Mr. Johnson:

Enclosed are the original and two copies of the subject contract, signed by the partners, Elmer L. and Jessie M. Allen.

Copies of this contract have been retained by the Operator, the Finance Officer, and by the Field Team.

Sincerely yours,

Thor H. Kiilsgaard

Thor H. Kiilsgaard
Acting Executive Officer
DMEA Field Team, Region II

Enclosure

cc: USBM (2)

cae
12-8

11/10/52 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE ~~MINERALS ADMINIS~~TRATION
12WASHINGTON25 OnCSt.
Spokane 2, Washington
November 3, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 10 1952

DMEA 2103

Elmer L. Allen
Jessie M. Allen
155 East 6790 South, R.F.D.
Midvale, Utah

Subject: Exploration project contract Idm-E423

Gentlemen:

Enclosed are the original and 5 copies of the subject exploration project contract prepared in our Washington, D.C. office and signed for the Government by C. O. Mittendorf, Administrator, Defense Minerals Exploration Administration.

If it meets with your approval please sign all copies, retain the copy marked "Operator's copy", and return the original and remaining 4 copies to this office.

Sincerely yours,

M. E. Volin, Member
DMEA Field Team
Region II

Enclosure

cc: DMEA, Wash. (2)
USGS (2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~1201 N. Division St.~~ WASHINGTON 25, D.C.
Spokane 2, Washington
November 3, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 10 1952

Elmer L. Allen
Jessie M. Allen
155 East 6790 South, R.F.D.
Midvale, Utah

Subject: Exploration project contract Idm-E423

Gentlemen:

Enclosed are the original and 5 copies of the subject exploration project contract prepared in our Washington, D.C. office and signed for the Government by C. O. Mittendorf, Administrator, Defense Minerals Exploration Administration.

If it meets with your approval please sign all copies, retain the copy marked "Operator's copy", and return the original and remaining 4 copies to this office.

Sincerely yours,

M. E. Volin, Member
DMEA Field Team
Region II

Enclosure

cc: DMEA, Wash. (2)
USGS (2)

700

FILE COPY
SURNAME:

Schmidt
Fl known
Spokane
Mat

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

OCT 27 1952

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 8, Washington

Re: Docket No. DMEA-2103 (Copper)
Elmer L. and Jessie M. Allen
Sanders County, Montana

Dear Mr. Weissenborn:

Enclosed are the original and five copies of the subject contract which have been signed by the Government. When the original and all copies have been signed by the Operator, the copies marked "Operator's Copy", "Field Team's Copy" and "Finance Officer's Copy" are to be given to the proper parties. The original and the other copies are to be returned to Washington.

This short form contract has been written in accordance with the draft of a contract written by your office, enclosed in your letter of August 22, 1952.

Sincerely yours,

S.N. 10-27-52

(signed) FRANK E. JOHNSON (FEJ)

Chairman, Operating Committee

Enclosures

APPROVED:

Charles M. Merrill (CMM)
Member, Bureau of Mines

A. R. Brabb, Jr. (ARB)
Member, Geological Survey

FSSchmidt/jem/gla 10/22/52
cc to: Adm. Reading File
Docket
Messrs. CHJohnson-3621
ARKinkel-5214 GSA
Mr. Ellis
Mr. Schmidt
Operating Committee
Field Team, Region IV

FILE COPY
SURNAME:

140

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

Yes

Kane

October 20, 1952

Memorandum

To: Administrator

Through: E. W. Ellis

From: Chief Counsel

Subject: Elmer L. and Jessie M. Allen - Docket No. DMEA-2103

There is attached, in satisfactory legal form for execution, a contract covering the above-described project, subject to the attachment of the maps referred to therein.

J. L. Hofflund
Chief Counsel

N.S
R&R

Attachment

ema
cc: Mails & Files
J. L. Hofflund
A. E. Kane
Chron.

DMEA DOCKET NO. 2103--copper

DRIFT & CROSSCUT ESTIMATE

Assume 5-ft. round every other day = $2\frac{1}{2}$ ft/day 26-day month

$$\frac{300}{26} = 4.6 \text{ months --- say 5 months.}$$

Labor	Cost/ft.
1 miner @ $15/day	$ 6.00
1 miner-supervisor @ $16/day	6.40
plus 8-1/3 overtime	1.03
plus 11% workmen's comp. O.A.B. & unemployment insurance	1.76
Powder 15lb/ft @ $21.75/100	3.26
Caps 20/ft round @ $21.60/M	.11
Fuse 200ft/5ft round @ $13.10/M	.52
Steel & bits -- assume	1.00
Rail 16lb @ $8.00/100	.85
Spikes, bolts & fishplates	.14
Ties 2' o.c. @ $0.40/ea	.20
Timber 30 sets @ $6.10 ea	.73
Freight (assume)	.25
Pipe - 2" @ $48.63/100	.49
Fuel 20 gal/day @ 30¢/gal + oil	2.60
Water assume $2.50/day	1.00
Small tools & misc. - $100	.33
Air hose 50' @ .98/ft)	
Water hose 30' @.90/ft)	.31
Equipment depreciation	
1 Jackhammer @ $10/mo	
1 Jackleg @ $7/mo	
1 Mine car @ $2/mo	.30
Equipment rent	
160-cfm compressor @ $212/mo	3.26
Total	$30.14
say $30/ft	

REHABILITATION ESTIMATE

Assume: advance 15 ft/day
length of 400 ft.

Labor	Cost/ft.
1 miner @ $15/day	$ 1.00
1 miner-supervisor @ $16/day	1.07
+ 8-1/3% overtime	.17
+ 11% Workmen's Comp., O.A.B. & Unemployment Insurance	223
Timber 18 sets @ $6.10 ea	.31
Ties 2' o.c. @ .40 ea	.20

10.6# ft x 400
400
4240 ft @ 8 = 339.2
2.12 ton
4.00
.848

Rail 16 lb. @ $8.00/100		.85
Spikes, bolts & fishplates		.14
Pipe 2" @ $48.63/100		.49
Freight - assumed		.07
	Total	$4.53
	say $4.50/ft.	

Some of the estimated costs are a little high not bad. No mistakes of decimal points. But as a total of $30 there is plenty enough for assaying + accounting. The estimate of $4.50 per ft of rehabilitation is merely a "guess" based on 16' a day. Sampling can be done if any by super-miner

There should be no stars in this contract to permit use of funds from one item to the other

10/8/52 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 7 1952

October 2, 1952

Mr. Frank E. Johnson, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Allen Property
Docket DMEA-2103 (copper)
Sanders County, Montana

Dear Mr. Johnson:

We recently had a phone call from Mr. Schmidt of the DMEA in Washington requesting additional information on the subject prospect. Specifically requested was the relationship of the workings to the claims and the amount of back that would be over the adit at the point of intersection with the vein.

The attached sketch map shows the position of the adit with respect to the claims and also shows the approximate position of the proposed work. A map accompanying the Field Team report shows that the portal of the adit is 170 feet below the cabin. This is not entirely clear on the map, but actually the cabin is essentially on the vein and, therefore, although we do not have careful measurements, the outcrop directly over the tunnel is approximately 170 feet vertically above the adit.

I trust this will answer the questions raised by Mr. Schmidt.

Sincerely yours,

A. E. Weissenborn

A. E. Weissenborn
Executive Officer, DMEA
Field Team Region II

cc: USBM (2)
Wallace

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

So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 7 1952

October 2, 1952

Mr. Frank E. Johnson, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Allen Property
Docket DMEA-2103 (copper)
Sanders County, Montana

Dear Mr. Johnson:

We recently had a phone call from Mr. Schmidt of the DMEA in Washington requesting additional information on the subject prospect. Specifically requested was the relationship of the workings to the claims and the amount of back that would be over the adit at the point of intersection with the vein.

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I trust this will answer the questions raised by Mr. Schmidt.

Sincerely yours,

A. E. Weissenborn
Executive Officer, DMEA
Field Team Region II

cc: USBM (2)
Wallace

AEWeissenborn:dd

923-52 file

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

September 22, 1952

Memorandum

To: E. W. Ellis, DMEA

From: C. H. Johnson, Bureau of Mines

Subject: DMEA-2103 (Copper) Elmer Allen, Allen property, Sanders County, Montana

I have reviewed the subject Field Team reports and concur in the recommendation that a project be approved to consist of a first stage of rehabilitation and reopening for inspection and mapping, followed by a small amount of drifting and crosscutting, as may be found advisable.

C. H. Johnson

C. H. Johnson

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 22 1952

Copy to - Mr. Nelson, USGS
Minerals Division
Base Metals Branch
Mr. Johnson
Files

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

September 22, 1952

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CHJohnson:ks

Copy to - Mr. Nelson, USGS
Minerals Division
Base Metals Branch
Mr. Johnson
Files

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 22 1952

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

September 22, 1952

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C. H. Johnson

C. H. Johnson

CHJohnson:ks

Copy to - Mr. Nelson, DMEA
Minerals Division
Rare Metals Branch
Mr. Johnson
File

Notes for file by Schmidt

~~9/18/52 Foned Weissenborn concerning~~

~~At what depth would tunnel intersect the vein. The map shows 170 feet below cabin at mouth of tunnel figure indistinct and this is not the "backs".~~

~~If this figure is available we might as well know at what depth we encounter the vein. This question was asked incidentally because I had him on the fone~~

The important thing was a claim map

There is no map of claims showing relation of proposed to property lines and whether the claims cover an area benefited by the 4xploration

Letter and claim map recd 10/9/52

9/16/52 gla

IN REPLY REFER TO:

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

September 15, 1952

Memorandum

Re-DMEA-2103
Elmer Allen Property
Sanders County, Montana
$10,800
Copper

To: Mr. E. Wm. Ellis

From: E. T. McKnight

Subject: Recommended approval of contract.

The field team report, although recommending approval of this project, emphasizes that it is marginal by reason of personal factors involving the applicant and also because the type of deposit has not been particularly productive. I can corroborate the general unfavorableness of the geologic occurrence. Nevertheless, the project, if completely successful, could lead to the production of perhaps a few hundred tons of copper. The Green Mountain Copper mine, in a similar geologic setting 9-10 miles to the southeast, has produced about 500 tons of copper from ore averaging 10-20% in grade. It is receiving a somewhat larger amount of exploration assistance than that asked for the Allen property. There has been past production of shipping grade ore from the Allen mine, and the proposed exploration is a logical way to search for additional ore.

There is considerable uncertainty and divergence of opinion expressed as to whether the existing adit, which is caved at the heading, ever reached the vein at depth. The original application states that "a tunnel was started to intersect ore at a lower elevation (but) this work was never completed." The field team engineer's report expresses doubt that the adit reached the vein, basing his opinion on examination of the dump material and on the projection of the vein from surface outcrops which indicates that the vein is farther in the hill than the reported length of the adit. The field team geologist's report states that the adit is reported to intersect the vein at about 350 feet from the portal, but he questions this on the theoretical grounds cited above, based on projection of the vein from surface exposures. Although such projection cannot have much weight when considered alone, the other evidence cited shows that there is at least considerable uncertainty as to whether the adit exploration was completed. It appears obvious that the proposal would lose some of its attractiveness if it were known that the vein had already been intersected in depth but was too low grade to be of interest. The proposal under the present docket has to be indefinite

owing to uncertainty as to what must be done to expose the vein in the adit.

I believe that this proposal has enough merit as a copper prospect to warrant Government participation to the small extent indicated.

Edwin T. McKnight

Edwin T. McKnight
Geologist

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

September 15, 1952

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Sanders County, Montana
$10,800
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Geologist

9/15/52 gla

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

So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 15 1952

September 10, 1952

Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-2103 (Copper)
Elmer Allen property
Sanders County, Montana

Dear Sir:

Elmer Allen has recently informed this office that his home address has been changed from 2788 Beverly Street, Salt Lake City 6, Utah, to 155 East 6790 South, R.F.D., Midvale, Utah.

Sincerely yours,

Thor H. Kiilsgaard

Thor H. Kiilsgaard
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

cc: USBM, Spokane

9/15/52
1 copy sent to Mails & Files to note change of address for applicant. Mrs. Ault

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

So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 15 1952

September 10, 1952

Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-2103 (Copper)
Elmer Allen Property
Sanders County, Montana

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Sincerely yours,

Thor H. Kiilsgaard
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

cc: USBM, Spokane

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

Sp. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 15 1952

September 10, 1952

Chairman, Reporting Committee
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMA-203 (Copper)
Elmer Allen property
Sanders County, Montana

Dear Sir:

Elmer Allen has recently informed this office that his home address has been changed from 2715 Beverly Street, Salt Lake City 6, Utah, to 155 East 6700 South, L.D.S., Midvale, Utah.

Sincerely yours,

Thor G. Kiilsgaard
For: A. L. Nelsenborn
Executive Officer, DMA
Field Team, Region II

cc: DMA, Spokane

700

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 15 1952

So. 157 Howard Street
Spokane 4, Washington

September 10, 1952

Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-2103 (Copper)
Elmer Allen property
Sanders County, Montana

Dear Sir:

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Sincerely yours,

Thor H. Kiilsgaard
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

cc: USBM, Spokane

9/3/52 gla

OFFICE OF THE ADMINISTRATOR

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION

WASHINGTON 25, D. C.

So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 2 1952

August 22, 1952

Mr. Frank E. Johnson
Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of Interior
Washington 25, D. C.

Re: Docket No. DMEA 2103 (Copper)
Elmer Allen Property
Sanders County, Montana.

Dear Mr. Johnson:

Enclosed are 4 copies each of field team reports by Mr. H. T. Reno, U. S. Bureau of Mines and by Messrs. Robert E. Wallace and John W. Hosterman, U. S. Geological Survey, pertaining to the Elmer Allen property, Sanders County, Montana. Inasmuch as an approval of the application is recommended, 3 copies of a suggested contract have been prepared and are enclosed herewith, together with 3 copies of estimates.

Although Messrs. Wallace and Hosterman are of the opinion that the prospect must be considered a high risk to develop, they feel that a small exploration program is warranted. Mr. Reno concurred with this opinion and has outlined an exploration program which it is estimated would cost a total of $10,800.

By Field Team, Region II

A. E. Weissenborn, T.H.K.
A. E. Weissenborn, Executive Officer
(U. S. Geological Survey)

M. E. Volin
M. E. Volin, Member
(U. S. Bureau of Mines)

Enclosures
cc: USBM(2)
Wallace

~~"U. S. Geological Survey"~~

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
SEP 2 1952

August 22, 1952

Mr. Frank E. Johnson
Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of Interior
Washington 25, D. C.

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A. E. Weissenborn, Executive Officer
(U. S. Geological Survey)

M. E. Volin, Member
(U. S. Bureau of Mines)

Enclosures
cc: USBM(2)
Wallace

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
SEP 2 1952

No. 157 Howard Street
Spokane 4, Washington

July 10, 1952

Reviewed by
DMEA OPERATING COMMITTEE
9/6/52 DMR.
(date)

Memorandum

To: A. A. Weissenborn, Executive Officer, DMEA
Field Team, Renton II

From: A. L. Wallace, U. S. Geological Survey
J. W. Hosterman, U. S. Geological Survey

Subject: Field examination July 1, 1952, Elmer Allen property, Sapsey Creek, Sanders County, Montana.

LOCATION AND ACCESSIBILITY

The Allen property is located about 4 miles airline almost due south of Perma, Montana, in Sanders County, Montana. A poor to fair gravel road extends for 7.6 miles from Highway U.S. 10A to the property and joins the highway 2.7 miles east of the railroad station at Perma. The property lies a few hundred yards south of the drainage divide between Sapsey Creek and the Flathead River at an elevation of about 5,000 feet, about 2,500 feet above the Flathead River valley bottom. The main line of the Northern Pacific Railway is in the Flathead River valley and passes through Perma.

FACILITIES AND WORKINGS

A log cabin in poor but livable repair is on the property near the principal workings. Water is a problem as the nearest source is in a small spring over 300 feet vertically below the cabin and over 100 feet below the main tunnel. The spring very likely dries up in late summer and an adequate supply may have to be sought considerably farther down the hill and pumped to the site of operations.

The workings consist of several shallow shafts, and a tunnel which is opened for 319 feet to a caved zone and is reported to intersect the vein at about 500 feet from the portal. There appears to be a discrepancy in this report, however, for as the sketch map shows with the dip and strike of the vein observed, the tunnel should not intersect the vein so near the portal. Only one shaft, inclined along the 49° dip of the vein, is opened for a depth of over 30 feet. The field

team was able to descend only about 20 feet into the shaft. All other shafts are caved and appear as pits about 8 or 10 feet deep now. No equipment is available on the property.

HISTORY

According to the Allen brothers, Charles Allen of Revais Creek and a partner staked the 9 claims comprising the present holding and then gave his rights to his brother, Elmer Allen, who bought out the partner to gain full control of the property.

After the Blackfoot Indian Reservation was established, earlier owners were advised that they were trespassing on Indian tribal property. According to Charles Allen, the matter was fought successfully in court and the prior right of the claims was established.

Several carloads of ore are reported by Charles Allen to have been shipped from the property sometime in the past although no records are on hand.

GEOLOGY

The deposit is similar to other copper-bearing veins which are common in diorite sills and dikes intruded into Belt metasediments of pre-Cambrian age in Montana and Idaho.

The vein contains malachite, chrysocolla, chalcopyrite, in abundant quartz and limonite gangue. The vein strikes N. 30-35° W. and dips 45° northeast. The vein is about 2 feet thick at the thickest part seen and pits and shafts have shown the vein to be at least 300 feet long. Vein float is reported over a much greater length.

The diorite pluton in which the vein has been formed seems to be relatively large. One contact with quartzite was found about 800 feet to the southwest and diorite is reported for at least 1,000 to the northeast, but was not checked. The road leading to the property is on diorite for over 1/4 mile north of the workings.

CONCLUSIONS AND RECOMMENDATIONS

As a deposit typical of copper deposits in diorite sills and dike intruding the Belt sediments, this property must be considered a marginal property at best and a high risk to attempt to develop. Inasmuch as a few of the deposits of this type have produced copper ore, and as this seems to be a strong vein in a larger-than-average diorite pluton, it might be worth a small expenditure of money to check the vein more thoroughly. As indicated previously, the tunnel may not have tested the vein as has been reported by Allen.

If the costs can be kept reasonably low, a program would be warranted as follows: (1) cleaning out tunnel to reported exposure of vein; (2) contingent upon appearance of vein in tunnel; driving of 100 feet of drift on the vein. If the tunnel has not intersected the vein, it might be worth extending to a point of intersection.

R. S. Wallace and J. H. Hasterman
Geologists

Enclosures

cc: USBM, Spokane
USBM, Albany
R. E. Wallace
USGS (GHC)

~~U. S. Geological Survey~~

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
SEP 2 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
1201 N. Division St.
Spokane 2, Wash.

August 14, 1952

MEMORANDUM

To: M. E. Volin, Member, DMEA Field Team, Region II

From: H. T. Reno, Mining Engineer, Bureau of Mines, Region II

Subject: Application for exploration aid, Elmer L. and Jessie M. Allen, Sanders County, Montana, Docket 2103 (copper)

RECOMMENDATION

It is recommended that the DMEA enter into an exploration contract with the applicant in the amount of $10,800.

INTRODUCTION

The applicant is Elmer L. Allen and his wife Jessie M. Allen, partners, 2788 Beverly Street, Salt Lake City 6, Utah.

The property was examined in company with Elmer Allen on July 10, 1952.

LOCATION

The property is in sec. 19, T. 18 N., R. 23 W., and sec. 24, T. 18 N., R. 24 W. It is accessible from Perma, Montana, 2.7 miles east on Highway U. S. 10A; thence 7.8 miles southwest on a Forest Service "fire" road.

TOPOGRAPHY AND CLIMATE

The claims are on a rounded, timbered ridge at an elevation of 5,000 feet. The nearest permanent source of water is about a mile away, although a small spring on the property may have water until late summer. Winter weather usually is severe; consequently, it is considered inadvisable to plan operations from November to May.

PROPERTY

The property consists of five unpatented lode mining claims: New Deal, Blue Eyed Nellie, Lucky Mart, Isabel, and Little Joe, recorded in book 15, pages 163, 165, 167, 169 and 171; in the records

of Sanders County, Montana. The applicant is the sole owner.

FINANCIAL AND ADMINISTRATIVE COMPETENCE OF APPLICANT

Elmer L. Allen, an ex-miner, plans to take leave from a hardware store job and devote his efforts to the project. Mrs. Allen will continue teaching school and furnish the money for living expenses. They claim to have sufficient reserve funds to finance the project. This proposed arrangement is considered satisfactory if the contract is written to provide Government participation on a basis of estimated unit costs.

PAST PRODUCTION

Three shafts have been sunk on the vein and a crosscut adit driven which reportedly intersected the vein 150 feet below the outcrop. The shafts are caved; 320 feet of the adit crosscut, however, is accessible.

According to the applicant, several carloads of 20 percent copper ore have been shipped from the property. Production records are not available.

DESCRIPTION OF THE DEPOSIT

The deposit is a fissure vein 2 feet wide in diorite striking about N 35° W and dipping 45° E. This vein is poorly exposed by caved shafts and trenches along a strike interval of 300 feet. An 800-foot extension is inferred from the presence of float rock. Ore fragments on two shaft dumps indicate the existence of one or more small ore shoots. Malachite, chrysocolla and cholcopyrite are the principal ore minerals. Gangue is limonite stained quartz.

ORE RESERVES

None

ESTIMATED PRODUCTION COSTS

The following production costs are based on a 10-ton per day operation with the ore shipped directly to the smelter at Anaconda, Montana.

Direct mining costs are estimated at $13.00 a ton including sorting, but excluding development, depletion, depreciation, and taxes.

Truck haulage to the rail point at Perma, Montana, is estimated at $2.00 a ton.

Freight on $100/ton ore, Perma to Anaconda, Montana, is estimated at $5.51/ton.

A cut off grade of 6.65 percent copper, based on a market price for copper of 24.2¢/lb. and the Anaconda Copper Company's current open smelter schedule, is indicated from the above estimated costs.

EVALUATION OF APPLICANT'S PROPOSAL

The applicant's proposal is vague and does not provide sufficient work to either prove or disprove the property.

SUGGESTED ALTERNATIVE TO APPLICANT'S PROPOSAL

Diamond drilling followed by underground work contingent on drilling results is considered the best method of exploring the property. The applicant is not interested in diamond drilling. He has agreed, however, to the following:

(1) Rehabilitate and map the present crosscut adit.

(2) A maximum of 300 lin. ft. of crosscutting and drifting. (see illustration)

The extent of the old workings is unknown and, judging from the dump material and the theoretical underground vein position, the crosscut adit probably did not intersect the vein. It may be that laterals were driven from the crosscut. Therefore, the plan of crosscutting and drifting must be susceptible to the following alternatives:

1. If the crosscut does not intersect the vein after penetrating 50 feet beyond the theoretical position, the project should be abandoned.

2. If laterals are found to have been driven, the crosscut should be made from the southern-most heading.

3. If the proposed exploration drift runs out of an ore shoot, no further drifting should be done.

DISCUSSION

The applicant has neither the talent nor the finances necessary to develop the property into an efficient mine. If the project is to result in increased copper production, either enough ore must be uncovered to interest others in the property or ore of adequate grade must be found to enable the applicant to conduct a small scale, high-grade operation.

Cost estimates for rehabilitation, drifting and crosscutting and a proposed short form contract are attached.

DRIFT & CROSSCUT ESTIMATE

Assume 5-ft. round every other day = 2½ ft/day 26-day month

$\frac{300}{26}$ = 4.6 months --- say 5 months.

Labor	Cost/ft.
1 miner @ $15/day	$ 6.00
1 miner-supervisor @ $16/day	6.40
plus 8-1/3 overtime	1.03
plus 11% workman's comp. O.A.B. & unemployment insurance	1.76
Powder 15lb/ft @ $21.75/100	3.26
Caps 20/ft round @ $21.60/M	.11
Fuse 200ft/5ft round @ $13.10/M	.52
Steel & bits -- assume	1.00
Rail 16lb @ $8.00/100	.85
Spikes, bolts & fishplates	.14
Ties 2' o.c. @ $0.40/ea	.20
Timber 30 sets @ $6.10 ea	.73
Freight (assume)	.25
Pipe - 2" @ $48.63/100	.49
Fuel 20 gal/day @ 30¢/gal + oil	2.60
Water assume $2.50/day	1.00
Small tools & misc. - $100	.33
Air hose 50' @ .98/ft)	
Water hose 30' @.90/ft)	.31
Equipment depreciation	
1 Jackhammer @ $10/mo	
1 Jacklag @ $7/mo	
1 Mine car @ $2/mo	.30
Equipment rent	
160-cfm compressor @ $212/mo	3.26
Total	$30.14
say $30/ft	

REHABILITATION ESTIMATE

Assume: advance 15 ft/day
length of 400 ft.

Labor	Cost/ft.
1 miner @ $15/day	$ 1.00
1 miner-supervisor @ $16/day	1.07
+ 8-1/3% overtime	.17
+ 11% Workmen's Comp., O.A.B. & Unemployment Insurance	.23
Timber 18 sets @ $6.10 ea	.31
Ties 2' o.c. @ .40 ea	.20

Rail 16 lb. @ $8.00/100	.85
Spikes, bolts & fishplates	.14
Pipe 2" @ $48.63/100	.49
Freight - assumed	.07
Total	$4.53
say $4.50/ft.	

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
SEP 2 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
1201 N. Division St.
Spokane 2, Wash.

August 14, 1952

MEMORANDUM

To: M. E. Volin, Member, DMEA Field Team, Region II

From: H. T. Reno, Mining Engineer, Bureau of Mines, Region II

Subject: Application for exploration aid, Elmer L. and Jessie M. Allen, Sanders County, Montana, Docket 2103 (copper)

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of Sanders County, Montana. The applicant is the sole owner.

FINANCIAL AND ADMINISTRATIVE COMPETENCE OF APPLICANT

Elmer L. Allen, an ex-miner, plans to take leave from a hardware store job and devote his efforts to the project. Mrs. Allen will continue teaching school and furnish the money for living expenses. They claim to have sufficient reserve funds to finance the project. This proposed arrangement is considered satisfactory if the contract is written to provide Government participation on a basis of estimated unit costs.

PAST PRODUCTION

Three shafts have been sunk on the vein and a crosscut adit driven which reportedly intersected the vein 150 feet below the outcrop. The shafts are caved; 320 feet of the adit crosscut, however, is accessible.

According to the applicant, several carloads of 20 percent copper ore have been shipped from the property. Production records are not available.

DESCRIPTION OF THE DEPOSIT

The deposit is a fissure vein 2 feet wide in diorite striking about N 35° W and dipping 45° E. This vein is poorly exposed by caved shafts and trenches along a strike interval of 300 feet. An 800-foot extension is inferred from the presence of float rock. Ore fragments on two shaft dumps indicate the existence of one or more small ore shoots. Malachite, chrysocolla and chalcopyrite are the principal ore minerals. Gangue is limonite stained quartz.

ORE RESERVES

None

ESTIMATED PRODUCTION COSTS

The following production costs are based on a 10-ton per day operation with the ore shipped directly to the smelter at Anaconda, Montana.

Direct mining costs are estimated at $13.00 a ton including sorting, but excluding development, depletion, depreciation, and taxes.

Truck haulage to the rail point at Perma, Montana, is estimated at $2.00 a ton.

Freight on $100/ton ore, Perma to Anaconda, Montana, is estimated at $5.51/ton.

A cut off grade of 6.65 percent copper, based on a market price for copper of 24.2¢/lb. and the Anaconda Copper Company's current open smelter schedule, is indicated from the above estimated costs.

EVALUATION OF APPLICANT'S PROPOSAL

The applicant's proposal is vague and does not provide sufficient work to either prove or disprove the property.

SUGGESTED ALTERNATIVE TO APPLICANT'S PROPOSAL

Diamond drilling followed by underground work contingent on drilling results is considered the best method of exploring the property. The applicant is not interested in diamond drilling. He has agreed, however, to the following:

(1) Rehabilitate and map the present crosscut adit.

(2) A maximum of 300 lin. ft. of crosscutting and drifting. (see illustration)

The extent of the old workings is unknown and, judging from the dump material and the theoretical underground vein position, the crosscut adit probably did not intersect the vein. It may be that laterals were driven from the crosscut. Therefore, the plan of crosscutting and drifting must be susceptible to the following alternatives:

1. If the crosscut does not intersect the vein after penetrating 50 feet beyond the theoretical position, the project should be abandoned.

2. If laterals are found to have been driven, the crosscut should be made from the southern-most heading.

3. If the proposed exploration drift runs out of an ore shoot, no further drifting should be done.

DISCUSSION

The applicant has neither the talent nor the finances necessary to develop the property into an efficient mine. If the project is to result in increased copper production, either enough ore must be uncovered to interest others in the property or ore of adequate grade must be found to enable the applicant to conduct a small scale, high-grade operation.

Cost estimates for rehabilitation, drifting and crosscutting and a proposed short form contract are attached.

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

So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 2 1952

July 10, 1952

Memorandum

To: A. E. Weissenborn, Executive Officer, DMEA
Field Team, Region II

From: R. E. Wallace, U. S. Geological Survey
J. W. Hosterman, U. S. Geological Survey

Subject: Field examination July 1, 1952, Elmer Allen property, Sepey Creek, Sanders County, Montana.

LOCATION AND ACCESSIBILITY

The Allen property is located about 4 miles airline almost due south of Perma, Montana, in Sanders County, Montana. A poor to fair gravel road extends for 7.8 miles from highway U.S. 10A to the property and joins the highway 2.7 miles east of the railroad station at Perma. The property lies a few hundred yards south of the drainage divide between Sepey Creek and the Flathead River at an elevation of about 5,000 feet, about 2,500 feet above the Flathead River valley bottom. The main line of the Northern Pacific Railway is in the Flathead River valley and passes through Perma.

FACILITIES AND WORKINGS

A log cabin in poor but livable repair is on the property near the principal workings. Water is a problem as the nearest source is in a small spring over 300 feet vertically below the cabin and over 100 feet below the main tunnel. The spring very likely dries up in late summer and an adequate supply may have to be sought considerably farther down the hill and pumped to the site of operations.

The workings consist of several shallow shafts, and a tunnel which is opened for 315 feet to a caved zone and is reported to intersect the vein at about 350 feet from the portal. There appears to be a discrepancy in this report, however, for as the sketch map shows with the dip and strike of the vein observed, the tunnel should not intersect the vein so near the portal. Only one shaft, inclined along the 45° dip of the vein, is opened for a depth of over 30 feet. The field

team was able to descend only about 20 feet into the shaft. All other shafts are caved and appear as pits about 8 or 10 feet deep now. No equipment is available on the property.

HISTORY

According to the Allen brothers, Charles Allen of Revais Creek and a partner staked the 5 claims comprising the present holding and then gave his rights to his brother, Elmer Allen, who bought out the partner to gain full control of the property.

After the Blackfoot Indian Reservation was established, earlier owners were advised that they were trespassing on Indian tribal property. According to Charles Allen, the matter was fought successfully in court and the prior right of the claims was established.

Several carloads of ore are reported by Charles Allen to have been shipped from the property sometime in the past although no records are on hand.

GEOLOGY

The deposit is similar to other copper-bearing veins which are common in diorite sills and dikes intruded into Belt metasediments of pre-Cambrian age in Montana and Idaho.

The vein contains malachite, chrysocolla, chalcopyrite, in abundant quartz and limonite gangue. The vein strikes N. 30-35° W. and dips 45° northeast. The vein is about 2 feet thick at the thickest part seen and pits and shafts have shown the vein to be at least 300 feet long. Vein float is reported over a much greater length.

The diorite pluton in which the vein has been formed seems to be relatively large. One contact with quartzite was found about 800 feet to the southwest and diorite is reported for at least 1,000 to the northeast, but was not checked. The road leading to the property is on diorite for over 1/4 mile north of the workings.

CONCLUSIONS AND RECOMMENDATIONS

As a deposit typical of copper deposits in diorite sills and dike intruding the Belt sediments, this property must be considered a marginal property at best and a high risk to attempt to develop. Inasmuch as a few of the deposits of this type have produced copper ore, and as this seems to be a strong vein in a larger-than-average diorite pluton, it might be worth a small expenditure of money to check the vein more thoroughly. As indicated previously, the tunnel may not have tested the vein as has been reported by Allen.

If the costs can be kept reasonably low, a program would be warranted as follows: (1) cleaning out tunnel to reported exposure of vein; (2) contingent upon appearance of vein in tunnel; driving of 100 feet of drift on the vein. If the tunnel has not intersected the vein, it might be worth extending to a point of intersection.

R. E. Wallace and J. W. Hosterman
Geologists

Enclosures

cc: USBM, Spokane
USBM, Albany
R. E. Wallace
USGS (SRO)

1/28/52 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 28 1952

January 24, 1952

Mr. Ernest W. Ellis, Acting Chief
Rare and Misc. Metals Division
Defense Minerals Exploration Administration
Department of Interior
Washington 25, D. C.

Re: Docket DMA-2103 (Copper)
Elmer L. Allen
Sepey Creek Mining District
Sanders County, Montana

Dear Mr. Ellis:

(1/18)

This will acknowledge your recent letter inquiring as to the status of the Elmer L. Allen property, Docket DMA-2103.

Owing to the early winter which made most of the lesser-traveled areas in Western Montana inaccessible at an early date, personnel from this office have not been able to conduct a field examination of Mr. Allen's property. We will make the examination at the earliest practical date, which will probably not be until May or June.

Sincerely,

Thor H. Kiilsgaard

Thor H. Kiilsgaard
For: A. E. Weissenborn,
Executive Officer, DMEA
Field Team, Region II

700

FILE COPY
SURNAME:

Schmidt
Ellis

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

Not stripped in R. R.

AIR MAIL

JAN 18 1952

Mr. A. E. Reissenborn
Executive Officer, Region II
DMEA Field Team
South 157 Howard Street
Spokane 8, Washington

Re: Docket DMA-2103 (Copper)
Elmer L. Allen
Lepe Creek Mining District
Sanders County, Montana

Dear Mr. Reissenborn:

It is my understanding from your letter of September 20, 1951, that you were considering the possibility of making a field examination of the property.

My office has prepared a memorandum concerning additional data required. If a field examination has been made it will undoubtedly ~~obtain~~ AFFORD the necessary data. Therefore before proceeding with any correspondence with the applicant I would appreciate learning from you concerning the status of this matter.

Sincerely yours,

Ernest Wm. Ellis, Acting Chief
Rare and Misc. Metals Division
Defense Minerals Exploration
Administration

FSchmidt/jem 1-18-52
cc to: Adm. Reading File
Docket
Messrs. Johnson, CH Rm. 3621
Nelson, Ned Rm. 4216 G.S.
Ellis
Schmidt
Field Team, Region II

gla 1/17/52
EWE

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

January 16, 1952

Memorandum

To: E. W. Ellis, Rare and Miscellaneous Metals Branch, DMEA

From: C. H. Johnson

Subject: Elmer L. and Jessie M. Allen - DMA 2103

I have reviewed this application as requested in your memorandum of January 14. It does not appear promising; however, I would suggest that inquiry be made of the field team about the planned examination referred to in the transmittal memorandum. If no examination has been made yet, it might be requested that the property be listed for examination in the spring. In that case, you might wish to advise the applicant that it was impossible to make the examination this year but it will be attended to as soon as possible.

The application is returned herewith.

C. H. Johnson

C. H. Johnson, Chief
Base Metals Branch

Attachment

January 14, 1952

Mr. C. H. Johnson
Room 3621

Re: Elmer L. & Jessie M. Allen
DMA-2103

A review of the dockets in my jurisdiction reveals that three copies of Form MF-103 were transmitted to Washington Office by the Field Team, Region II, on September 20, 1951, with the following comment: "From the data submitted, the deposit does not look particularly promising, but I doubt if any logical decision could be made without a field examination. Consequently, one copy of the application is being retained here and we will attempt to arrange a field examination before the bad weather sets in." We have had no further report from the Field. Will you look this over and let me have your comments, please?

Ernest Wm. Ellis
Room 4070

Form MF-103
(April 1951)

DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C. SEP 24 3 44 PM '51

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. DMA-2103

Date received 9-24-51

Participation

Elmer L. & Jessie H. Allen
2708 Beverly Street
Salt Lake City (6) Utah

Name and address of applicant

Date Aug. 27 1951

FILL IN THIS BLOCK

Date of application Aug. 27th 1951

Estimated cost $4087.20 ~~$3786.38~~ ~~$4590.00~~ $4529.28

Mineral or metal Copper

Percentage of Government participation .50 %

Location of mine Copper Creek Mining District
Sanders County Montana

Date of filing MF-100

DMA Docket Number, if available 2103

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Partnership

*2. If a partnership, state names and addresses of partners. Elmer L. & Jessie H. Allen

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.

*4. Describe the mining and general business experience of (a) the applicant, and (b) the person or persons who will manage the project. Twenty years experience as Miner in Lead, Zinc, Copper & Gold Mines

*5. Are you the owner or the lessee of the property? Owner

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. None

7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement showing assets, liabilities, and net worth and loss statement. (8) Five Mining claims held by right of location

9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)? Answered on attached sheet

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.

    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to railroads, following waterways, including distances and directions and kinds and conditions of roads. Allen Flat, formerly Willcox on

*13. State source and quantity of water available for operations and its sufficiency at all seasons. State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:

    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.

    (*b*) State briefly the known history and production of adjoining and neighboring properties.

    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:

    (*a*) If mine is in production, furnish the following information: Not producing

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)

    (*a*) Describe the ore or mineral deposits briefly.

    (*b*) Submit available maps and assay data.

    (*c*) Give estimated tonnage and grade of each class of ore reserves.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.

    (*b*) Supervisors, by numbers and positions, with salaries of each.

    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.

    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

    (*f*) Cost of rental for equipment which the operator proposes to rent.

    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

    (*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

By Jesse M. Allen
(Signature of authorized official)

(Name of company)

(Date)

Owner
(Title)

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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Page One

Appendix To Application For Loan.

Question (8)
Five mining claims held by rightof location; No liabilities.

(9) The applicant is prepar d to pay his half of the project or $1655.00 The applicant would prefer,the right to do his half of the laber and Apply it against half the laber cost.

(5) Five mining claims held by right of location,recorded in Sanders County
(10)Montana. Inclined shaft about 150. feet deep,about 350.feet drift of
(4) drift partly caved.

(10) B New Deal Group of claims in the SeepayCreek Mining District, Sanders County Montana: New deal,Blue Eyed Nellie,Lucky Mart,Isabel and Little Joe.Reference is Hereby made to Book 15 Mining Locations At page163 for a more Particular description of the New Deal,also to pages 165,167,169,And Page 171,For more Particular Description of These Claims.
11. Allen Mine Formerly called "New Deal" "Teddy"and "Exchange".

12. Nearest town isPerma,Montana,shipping Plent o nNorthern Pacific,125 miles to Anaconda.13 miles from mine to Perma,Highway10 is 9 milesFrom Mine.
13. Sufficient Water on Property,Gasoline power must be used for compressor.
14. One log cabin on Property
15.Can be shipped by truck to Perma and by railroad fromPerma to anaconda.

16.(A) Probably opened about 1900.some ore shipped between 1900.and 1910 and possibly later.Ore was mined from inclined shaft and probaly some from Iron blowout nearby. Later a tunnel was started to intersect ore at a lower a lwer elevation this work was never completed.
(B)- No adj.ining properties.
(C) No reports available.Except that all hearsay talk in the community is to the effect that there was ore in the bottom when work was stopped
17. Not producing.
18.Ore shoot on strong vein has been mined down 150. feet.
(B)- No maps available.
Assays Taken The past Summer. No. 1-Dug Hole material Taken From side of Shaft 1.15 Copper No.2 Taken From Exposed Fissure 0.80u.No.3 mixture taken from Shaft 3.4 Gu. No.4 sample taken from ore piled on dump 10.3 Gu. No.6-Taken from exposed fissure 1.58 Gu.
(C)- No blocked out or indicated Ore.Inferred tonnage could be large.
19.-NO serious consideration or organized development for the past30 Years.
20. For copper sulfide and copper oxid in strong ore shoot on well defined vein.
21. Necessary to rehabilitate tunnel and drive 150 feet of drift.Will require three months time to complete.Willbe accessible inlate may or early June
22.A strong fissure passes Through the Property,country rock consists of diorite and schist.Fissure is filled with Quartz containing ore shoots of iron oxide and copper oxide and sulfide.

23-

A- Lbor

Two miners (one supervisory)75 days @ $I5.00 per day;each $II25.		$2250.00
(B) None.		
(C) None.		
(D) None.		
(E) Jackhammer (second hand)	$250.00	
350 feet of 2"inch pipe @ .337 cents per foot	$II8.00	
700.feet I2 Lb. rails @ $7.90 per cwt.	$22I.00	
One mine car (second hand)	65.00	
50 feet of air and water hose @ $33.50 each	67.00	
		$ 72I.00
(F) Rental on Compressor for Two months with option to buy;$I70.00 per month		$ 340.00
(G) None.		
(H) Supplies.		
I500.00 Lbs of powder @ $2I.00 per cwt.	$3I5.00	
Caps and fuse	$ 30.00	
Carbide I00 Lbs. @ 8.20 per cwt.	8.20	
Nails,spikes,connections ect.	30.00	
Six peaces of drilling steel	32.00	
240 bits @ .567 each	$I36.00	
		$ 55I.20
(I) Transportation	$ I50.00	
Gas and oil	75.00	
		$ 225.00
Total.		$4087.00

20

24. After project is approved it can be carried to completion in three months time.Drifting can be done at rate of four feet per shift (40) days; Rehabilitation will require about 35 days.
The property is ~~accessible~~ accessible in late may or first of june.

Fold 1. can be
making a check. Oct 4th
N.S.A.

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 2103

Commodity COPPER

Total Amount $ 4087.20

Govt. Participation $ 2243.60

1. Name and Address of Applicant ELMER L & JESSIE M. ALLEN
2788 BEVERLY ST. SALT LAKE CITY 6, UTAH

2. Location of Property SEPEY CREEK MINING DISTRICT.
SANDERS COUNTY MONTANA

3. Mineral or metal COPPER Is it listed in Section 9 of MO-5? YES

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor

c) None

d) Don't know—needs field examination

e) Is there an alternative and favorable project?
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? YES - OWNER
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? —

Does the lease have sufficient time to run to cover a future

productive period?

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? —

b) MF-202 —

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower YES

b) Equipment and supplies To be purchased.
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Does not state

d) Water (question 13)* YES

e) Power (question 13)* YES

Is a field check needed on any of these points? Yes - Road

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* YES

Is a field check needed on this point? No

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? No

If not, are there sufficient data given so that you can describe the project? YES If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work?

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? YES

If not, what part of it is? —

Is this part a worthwhile exploration project?_____

d) Are the cost estimates detailed? YES

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? YES If so, attach a draft.

e) Are the cost estimates reasonable? YES

f) Should more information be requested from applicant? YES Better description of his drilling MAP

g) Is a field examination necessary to complete Exhibit A? YES

11. Exhibit B (question 23-d)*

a) Is it applicable? No

b) If so, are sufficient data furnished? – If so, attach a draft.

c) Is a field check needed? No

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? e & f are go not

b) Sufficient data? YES If so, attach a draft.

c) Are rents and charges reasonable? No Compensation a little high on rent

d) Is a field check needed? No

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? YES

b) Is the schedule adequate for the work proposed? YES

c) Is the schedule excessive for the work proposed? NO

d) Are the proposed wages and salaries reasonable? No Manager salaries a little high

e) Is a field check needed? YES.

EXHIBIT A.

Exploration Project

Applicant proposes to rehabilitate tunnel and drive 150 ft. of drift. 3 Months to complete.

Summary of costs.

LABOR	$2250.00
EQUIPMENT	721.20
RENTAL OF EQUIPMENT	346.00
SUPPLIES	551.20
TRANSPORTATION, GAS & OIL	225.00
	$4087.40

23 d. NONE

e. EQUIPMENT

JACKHAMMER (USED)	$250.00
350 ft. 2" PIPE @ .337 ¢/ft.	118.00
700 ft. 12 lb RAILS @ 7.90 /CWT	221.20
1 MINE CAR (USED)	65.00
50' EACH OF AIR & WATER @ 33.50 EACH	67.00

f. RENTAL OF COMPRESSOR $170.00/Mo - 2 Mos. 346.00

g. NONE

h. SUPPLIES

1500 lbs POWDER @ $21. /cwt	315.00
CAPS & FUSE	30.00
CARBIDE 100 lbs @ $8.20 /cwt	8.20
NAILS, SPIKES, CONNECTIONS ETC.	30.00
SIX PEACES OF DRILLING STEEL	32.00
240 TIMKEN BITS @ .567 EACH	136.00

i. TRANSPORTATION 150.00

GAS & OIL 75.00

a. 2 MINERS (ONE SUPERVISORY) 75 DAYS @ $15/DAY
EACH $1125 $2250.00

b. SUPERVISORS – NONE

C NONE

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data? –

c) Reasonable? –

d) Field check needed? No

15. In your judgment, can the proposed work be done in the proposed time? Yes

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question?

Reviewed by: R Waugh

x N. S. Nelson

Date

INT.-DUP. SEC., WASH., D.C. 99009

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 2103

Commodity COPPER

Total Amount $4087.20

Govt. Participation $2043.60

1. Name and Address of Applicant ELMER L & JESSIE M. ALLEN
2788 BEVERLY ST. SALT LAKE CITY 6, UTAH

2. Location of Property SIEPEY CREEK MINING DISTRICT.
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Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor

c) None

d) Don't know—needs field examination

e) Is there an alternative and favorable project?
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? YES - OWNER
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? —

Does the lease have sufficient time to run to cover a future productive period?

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? —

b) MF-202 —

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower YES

b) Equipment and supplies To be purchased.
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Does not state

d) Water (question 13)* YES

e) Power (question 13)* YES

Is a field check needed on any of these points? YE - Road

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* YES

Is a field check needed on this point? No

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? No

If not, are there sufficient data given so that you can describe the project? YES If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work?

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? YES

If not, what part of it is? —

Is this part a worthwhile exploration project?_____

d) Are the cost estimates detailed? YES

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? YES If so, attach a draft.

e) Are the cost estimates reasonable? YES

f) Should more information be requested from applicant? YES MAP Better description of Air Drilling

g) Is a field examination necessary to complete Exhibit A? YES

11. Exhibit B (question 23-d)*

a) Is it applicable? No

b) If so, are sufficient data furnished? - If so, attach a draft.

c) Is a field check needed? No

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? e + f are yes not

b) Sufficient data? YES If so, attach a draft.

c) Are rents and charges reasonable? No Comparison a little high on rent

d) Is a field check needed? No

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? YES

b) Is the schedule adequate for the work proposed? YES

c) Is the schedule excessive for the work proposed? NO

d) Are the proposed wages and salaries reasonable? No Managers salaries a little high

e) Is a field check needed? YES.

EXHIBIT A.

Exploration Project

Applicant proposes to rehabilitate tunnel and drive 150 ft / drift. 3 Months to complete

Summary of costs

LABOR	$2250.00
EQUIPMENT	721.20
RENTAL OF EQUIPMENT	340.00
SUPPLIES	551.20
TRANSPORTATION, GAS & OIL	225.00
	$4087.40

23 d. NONE

e. EQUIPMENT

JACK HAMMER (USED)	$250.00
350 ft 7" PIPE @ .337 ¢/ft	118.00
700 ft 12 lb RAILS @ 7.90 / CWT	221.20
1 MINE CAR (USED)	65.00
50' EACH OF AIR + WATER @ $33.50 EACH	67.00

f. RENTAL OF COMPRESSOR $170.00/Mo - 2 Mos. 340.00

g. NONE

h. SUPPLIES

1500 lbs POWDER @ ¢21 / cwt	315.00
CAPS & FUSE	30.00
CARBIDE 100 lbs @ $8.20 / cwt	8.20
NAILS, SPIKES, CONNECTIONS ETC.	30.00
SIX PEACES OF DRILLING STEEL	32.00
240 TIMKEN BITS @ 567 EACH	136.00

i. TRANSPORTATION 150.00

GAS & OIL 75.00

DMA 2103

a 2 MINERS (ONE SUPERVISORY) 75 DAYS @ $15/DAY

EACH $1125 $2250.00

b SUPERVISORY - NONE

C NONE

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data? –

c) Reasonable? –

d) Field check needed? No

15. In your judgment, can the proposed work be done in the proposed time? YES

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question?

Reviewed by: P Waugh

C. F. Nelson

Date

INT.-DUP. SEC., WASH., D.C. 99009

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 2103

Commodity Copper

Total Amount $408720

Govt. Participation $2,448.60

1. Name and Address of Applicant Elmer L. & Jessie M. Allen
2788 Beverly St. Salt Lake City 6, Utah

2. Location of Property Stony Creek Mining District
Sanders County Montana

3. Mineral or metal Copper Is it listed in Section 9 of MO-5? Yes

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor

c) None

d) Don't know—needs field examination

e) Is there an alternative and favorable project?
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes - Owner
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? —

Does the lease have sufficient time to run to cover a future

productive period? —

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? —

b) MF-202 —

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower Yes

b) Equipment and supplies [illegible]
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* [illegible]

d) Water (question 13)* Yes

e) Power (question 13)* Yes

Is a field check needed on any of these points? No [illegible]

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Yes

Is a field check needed on this point? No

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? No

If not, are there sufficient data given so that you can describe the project? Yes If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work?

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Yes

If not, what part of it is? —

Is this part a worthwhile exploration project?_____

d) Are the cost estimates detailed? Yes

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? Yes If so, attach a draft.

e) Are the cost estimates reasonable? Yes

f) Should more information be requested from applicant? Yes MAP Better description of the lighting

g) Is a field examination necessary to complete Exhibit A? Yes

11. Exhibit B (question 23-d)*

a) Is it applicable? No

b) If so, are sufficient data furnished? - If so, attach a draft.

c) Is a field check needed? No

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? [illegible]

b) Sufficient data? Yes If so, attach a draft.

c) Are rents and charges reasonable? [illegible]

d) Is a field check needed? No

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? Yes

b) Is the schedule adequate for the work proposed? Yes

c) Is the schedule excessive for the work proposed? No

d) Are the proposed wages and salaries reasonable? [illegible]

e) Is a field check needed? Yes.

EXHIBIT A

Exploration Project

Development program to make feasible to tunnel and drain 150 ft shaft 3 months to complete

Summary of costs

LABOR	$2250.00
EQUIPMENT	721.20
RENTAL OF EQUIPMENT	340.00
SUPPLIES	551.20
TRANSPORTATION, GAS & OIL	225.00
	$4087.40

23 d. None

e. EQUIPMENT

JACKHAMMER (USED)	$250.00
350 ft. 2" pipe @ .337¢/ft	118.00
700 ft 10 lb rails @ 1.90/foot	221.20
1 MINE CAR (USED)	65.00
50' hose of air & water @ 38.50 each	67.00

f. RENTAL OF COMPRESSOR 170 cu/ft 200 lbs. 340.00

g. None

h. SUPPLIES

1500 lbs POWDER @ 21¢/foot	315.00
CAPS & FUSE	30.00
CARBIDE 100 lbs @ 8.20/foot	8.20
NAILS, SPIKES, CONNECTIONS ETC.	30.00
SIX REELS OF DRILLING STEEL	32.00
240 TIMKEN BITS @ 56¢ EACH	136.00

i. TRANSPORTATION
GAS & OIL 13.00

a. 2 MORFIS (INF. SUPERVISOR) 75 DAYS @ $15/DAY

EACH $1125 $2250.00

b. SUPP. COSTS: NONE

c. $0 NPE

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data? -

c) Reasonable? -

d) Field check needed? No

15. In your judgment, can the proposed work be done in the proposed time? Yes

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question?

Reviewed by: [illegible]

R. S. Nelson

Date

INT.-DUP. SEC., WASH., D.C. 99009

Subject:
Re: DMA-2103
Exploration Loan
Allen Mine

Mr. Elmer Allen
2788 Beverly Street
Salt Lake City 6, Utah

My dear Mr. Allen:

This will acknowledge receipt of your application dated August 27, 1951 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMA-2103 and referred to the Copper Branch.

Kindly refer to DMA-2103 in any future correspondence relating to your application.

Sincerely yours,

Robert E. Adams

Robert E. Adams, Chief
Reports and Records Unit

2463

DEPARTMENT OF THE INTERIOR
March 3, 1849
DEFENSE MINERALS ADMINISTRATION
WASH., D.C.
SEP 3 4 PM '51

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 4, Washington

September 20, 1951

DMA-2108

Mr. L. F. Strobel
Executive Secretary
Defense Minerals Administration
Department of the Interior
Washington 25, D. C.

Dear Mr. Strobel:

Enclosed are three copies of an application submitted by Elmer L. and Jessie M. Allen, 2788 Beverly Street, Salt Lake City, Utah, for the exploration of a property in the Sepey Creek Mining District, Sanders County, Montana. From the data submitted, the deposit does not look particularly promising, but I doubt if any logical decision could be made without a field examination. Consequently, one copy of the application is being retained here and we will attempt to arrange a field examination before the bad weather sets in.

Sincerely yours,

A. E. Weissenborn KG

A. E. Weissenborn
Executive Officer, DMA
Field Team, Region II

Enclosures

cc: U.S.B.M., Spokane

Form MF-103
(April 1951)

DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

DEFENSE MINERALS ADMINISTRATION WASHINGTON 25, D.C. SEP 24 3 4 PM '51

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. DMA-2103

Date received 9-24-51

Participation

Elmer L.&Jessie M.Allen
2788 Beverly Street
Salt Lake City (6) Utah

Name and address of applicant

Date Aug.27 1951

FILL IN THIS BLOCK

Date of application Aug.27Th 1951

Estimated cost $4087.20 ~~$3986.88~~ ~~$4529.28~~ ~~$4390.00~~

Mineral or metal Copper

Percentage of Government participation .50 %

Location of mine Sepey Creek Mining District
Sanders County Montana

Date of filing MF-100

DMA Docket Number, if available 2103

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Partnership

*2. If a partnership, state names and addresses of partners. Elmer L. & &Jessie M. Allen

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.

*4. Describe the mining and general business experience of (a) the applicant, and (b) the person or persons who will manage the project. Twenty years experience as Miner in Lead,Zinc,Copper &Gold Mines

*5. Are you the owner or the lessee of the property? Owner

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. None

7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract. (8) Five Mining claims held by right of location

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.

9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)? Answered on Attached Sheets

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.

(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any. Allen Mine, formerly willshow on

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons. State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.

(*b*) State briefly the known history and production of adjoining and neighboring properties.

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production: Not producing

(*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly.

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings.

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

(*f*) Cost of rental for equipment which the operator proposes to rent.

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

(*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

(Name of company)

By Jesse M. Allen
(Signature of authorized official)

(Date)

Owner
(Title)

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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Page One

Appendix To Application For Loan.

Question (8)
Five mining claims held by rightof location; No liabiliyies.

(9) The applicant is prepared to pay his half of the project or $1655.00 The applicnt would prefer,the right to do his half of the labor and Apply it against half the labor cost.

(5) Five mining claims held by right of location,recorded in Sanders County
(10)Montana. Inclined shaft about 150. feet deep,about 350.feet of drift of
(A) drift partly caved.

(10) B New Deal Group of claims in the SeepayCreek Mining District, Sanders County Montana: New deal,Blue Eyed Nellie,Lucky Mart,Isabel and little Joe.Reference is Hereby made to Book 15 Mining Locations At page163 for a more Particular description of the New Deal,also to pages 165,167,169,And Page 171,For amore Particular Description of These Claims.

11. Allen Mine Formerly called "New Deal" "Teddy"and "Exchange".

12. Nearest town isPerma.Montana,shipping Pient o nNorthern Pacific,125 miles to Anaconda.13 miles from mine to Perma,HighwayIO is 9 milesFrom Mine.

13. Sufficient Water on Property,Gasoline power must be used for compresor.

14. One log cabin on Property

15.Can be shipped by truck to Perma and by railroad fromPerma to anaconda.

16.(A) Probably opened about 1900.some ore shipped between 1900.and 1910 and possibly later.Ore was mined from inclined shaft and probaly some from iron blowout nearby. Later a tunnel was started to intersect ore at a lower a lwer elevation this work was never completed.

(B)- No adj,ining properties.

(C) (C)No reports available.Except that all hearsay talk in the community is to the effect that there was ore in the bottom when work was stopped

17. Not producing.

18.Ore shoot on strong vein has been mined down 150. feet.

(B)- No maps available.

Assays Taken The past Summer. No. 1-Bug Hole material Taken From side of Shaft 1.1% Copper No.2 Taken From Exposed Fissure 0.8Cu.No.3 mixture taken from Shaft 3.4 Cu. No.4 sample taken from ore piled on dump 10.3 Cu. No.6-Taken from exposed fissure 1.98 Cu.

(C)- No blocked out or indicated Ore.Inferred tonnage could be large.

19.-NO serious consideration or organized development for the past30 Years.

20. For copper sulfide and copper oxid in steng ore shoot on well defined vein.

21. Necessary to rehabilitate tunnel and drive 150 feet of drift.Will require three months time to complete.Willbe accessible inlate may or early june

22.A strong fissure passes Through the Property,country rock consists of diorite and schist.Fissure is filled with Quartz containg ore shoots of iron oxide and copper oxide and sulfide.

23-

A- Labor

Two Miners(one supervisory)75 days @ $I5.00 per day:each $ II25.		$2250.00
(B) NOne		
(C) None		
(D) None		
(E) Jackhammer (second hand)	$250.00	
350 feet 2 inch pipe @ .337 cents per foot	$II8.00	
700 feet I2 Lb.rails @ 7.90 per cwt.	$22I.20	
One mine car second hand	65.00	
50 feet each of air and water hose @ $33.50 each	67.00	
	--------	$ 72I.20
(F) Rental on Compressor for two months with option to buy: I70.00 per month		$ 340.00
(G) None		
(H) Supplies		
I500 Lbs powder @ $2I.00 per cwt.	$3I5.00	
Caps and Fuse	$ 30.00	
Carbide-~~Gee~~- I00 Lbs @ 8.20 per cwt.	88.20	
Nails, Spikes, connections ect.	30.00	
Six peaces of drilling steel	32.00	
240 Timken bits @ .567 each	$I36.00	
	--------	$ 55I.20
(I) Transportation	$I50.00	
Gas and oil	75.00	$ 225.00

Total		$4087.00

40

24.

After project is approved it can be carried to completion in threeemonths time.Drifting can be done at rate of four feet per day (40) days;Rehabilitation willrequire about thirty five days.

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C. SEP 27 3 44 PM '51

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. DMA-2103

Date received 9-27-51

Participation

Elmer L.&Jessie M.Allen
2788 Beverly Street
Salt Lake City (6) Utah

Name and address of applicant

Date Aug.27 1951

FILL IN THIS BLOCK

Date of application Aug.27Th 1951

Estimated cost ~~$4529.28.00~~ $4087.20 ~~$3911.78~~ ~~$4390.00~~

Mineral or metal Copper

Percentage of Government participation .50 %

Location of mine Sopey Creek Mining District
Sanders County Montana

Date of filing MF-100

DMA Docket Number, if available 2103

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Partnership

*2. If a partnership, state names and addresses of partners. Elmer L. & Jessie M. Allen

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project. Twenty years experience as Miner in Lead,Zinc,Copper &Gold Mines

*5. Are you the owner or the lessee of the property? Owner

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. None

7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

(8)

8. Furnish current financial statement showing assets and liabilities, and a profit and loss statement. Five Mining claims held by right of location

9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)? Answered on attached sheet

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any. Allen Mine formerly Willshow or
*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.
*13. State source and quantity of water available for operations and its sufficiency at all seasons. State amount of power to be used, rate per hour or other cost, and source.
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.
15. State in detail how the ore could be shipped and how and where milled.
*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.
*17. Production:
    (*a*) If mine is in production, furnish the following information: Not producing

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.
19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.
22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.
24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

By Jesse M. Allen
(Signature of authorized official)

(Name of company)

(Date)

Owner
(Title)

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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Appendix To Application For Loan.

Question (8)
Five mining claims held by rightnf location; No liabiliyies.

(9) The applicant is prepared to pay his half of the project or $1655.00 The applicnt would prefer,the right to do his half of the labor and Apply it against half the labor cost.

(5) Five mining claims held by right of location,recorded in Sanders County
(10)Montana. Inclined shaft about 150. feet deep,about 350.feet ~~drift~~ of
(A) drift partly caved.

(10) B New Deal Group of claims in the SeepayCreek Mining District, Sanders County Montana: New deal,Blue Eyed Nellie,Lucky Mart,Isabel and little Joe.Reference is Hereby made to Book 15 Mining Locations At page163 for a more Particular description of the New Deal,also to pages 165,167,169,And Page 171,For amore Particular Description of These Claims.

11. Allen Mine Formerly called "New Deal" "Teddy"and "Exchange".

12. Nearest town isPerma.Montana,shipping Piont o nNorthern Pacific,125 miles to Anaconda.13 miles from mine to Perma,Highway10 is 9 milesFrom Mine.

13. Sufficient Water on Property,Gasoline power must be used for compresor.

14. One log cabin on Property

15.Can be shipped by truck to Perma and by railroad fromPerma to anaconda.

16.(A) Probably opened about 1900.some ore shipped between 1900.and 1910 and possibly later.Ore was mined from inclined shaft and probaly some from iron blowout nearby. Later a tunnel was started to intersect ore at ~~a lower~~ a lwer elevation this work was never completed.

(B)- No adjoining properties.

(C)No reports available.Except that all hearsay talk in the community is to the effect that there was ore in the ~~betem~~ bottom when work was stopped

17. Not producing.

18.Ore shoot on strong vein has been mined down 150. feet.

(B)- No maps available.

Assays Taken The past Summer. No. 1-Bug Hole material Taken From side of Shaft 1.1% Copper No.2 Taken From Exposed Fissure 0.8Cu.No.3 mixture taken from Shaft 3.4 Cu. No.4 sample taken from ore piled on dump 10.3 Cu. No.6-Taken from exposed fissure 1.98 Cu.

(C)- No blocked out or indicated Ore.Inferred tonnage could be large.

19.-NO serious consideration or organized development for the past30 Years.

20. For copper sulfide and copper oxid in stong ore shoot on well defined vein.

21. Necessary to rehabilitate tunnel and drive 150 feet of drift.Will require three months time to complete.Willbe accessible inlate may or early june

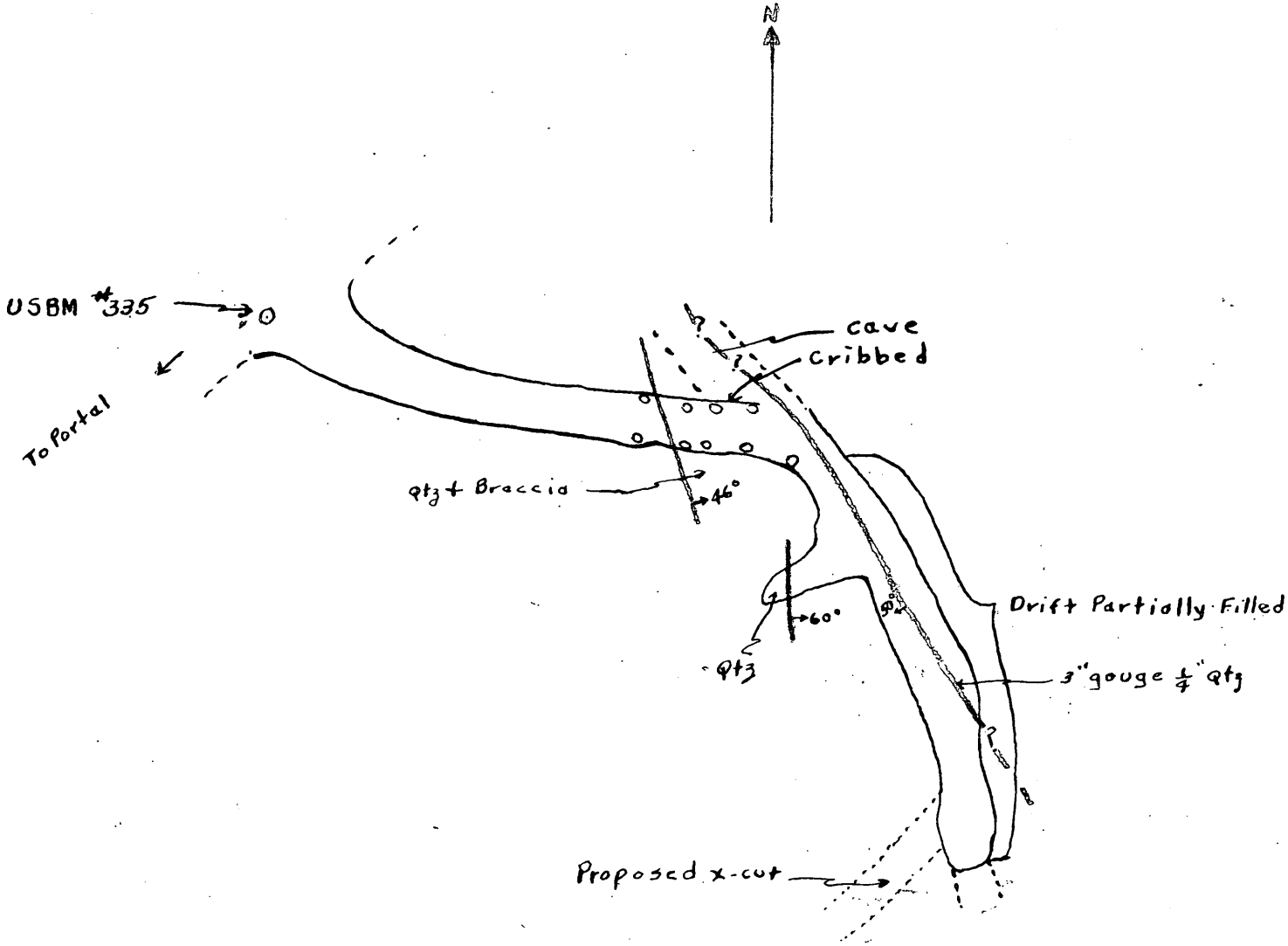
22.A strong fissure passes Through the Property,country rock consists of diorite and schist.Fissure is filled with Quartz containg ore shoots of iron oxide and copper oxide and sulfide.

23-

A- Lbor

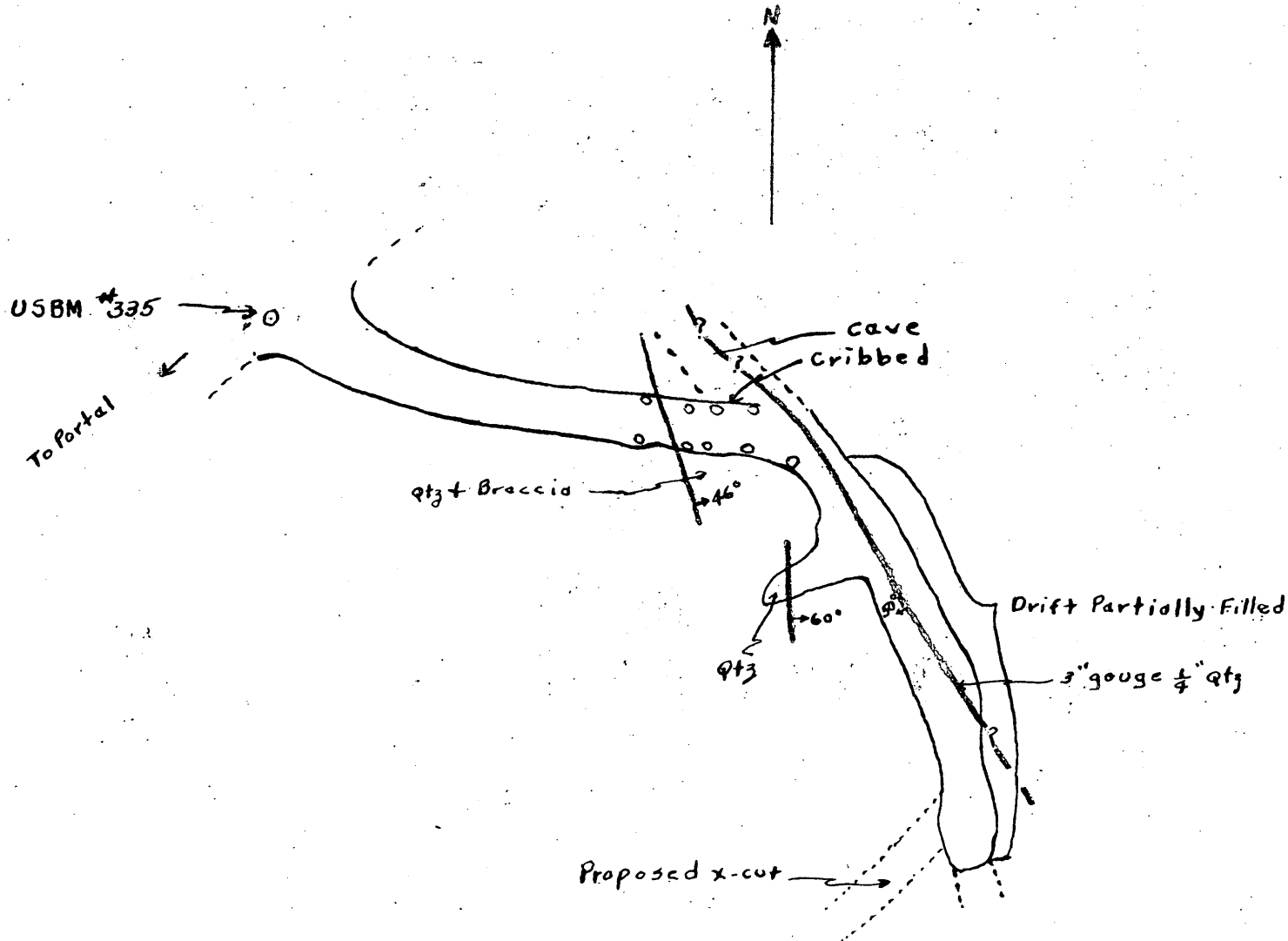
Two miners (one supervisory)75 days @ $I5.00 per day;each	$II25.	$2250.00
(B) None.		
(C) None.		
(D) None.		
(E) Jackhammer (second hand)	$250.00	
350 feet of 2"inch pipe @ .337 cents per foot	$II8.00	
700.feet I2 Lb. rails @ $7.90 per cwt.	$22I.00	
One mine car (second hand)	65.00	
50 feet of air and water hose @ $33.50 each	67.00	
	-------	$ 72I.00
(F) Rental on Compressor for Two months with option to buy;$I70.00 per month		$ 340.00
(G) None.		
(H) Supplies.		
I500.00 Lbs of powder @ $2I.00 per cwt.	$3I5.00	
Caps and fuse	$ 30.00	
Carbide I00 Lbs. @ 8.20 per cwt.	8.20	
Nails,spikes,connections ect.	30.00	
Six peaces of drilling steel	32.00	
240 bits @ .567 each	$I36.00	
	-------	$ 55I.20
(I) Transportation	$ I50.00	
Gas and oil	75.00	
	--------	$ 225.00
Total.		$4087.~~00~~ 20

24. After project is approved it can be carried to completion in three months time.Drifting can be done at rate of four feet per shift (40) days; Rehabilitatiom will require about 35 days.
The property is ~~aeessible~~ accessible in late may or first of june.



Elmer + Jessie Allen Property
Sanders County, Montana
Contract Idm-E423
Scale 1" = 20'

Tape + Compass Survey by W.S.A.
8-28-53



Elmer + Jessie Allen Property
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Scale 1" = 20'

Tape + Compass Survey by W.S.A.
8-28-53

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

May 21, 1953

Memorandum

To: DMEA Field Team, Region II

From: A. B. Campbell, Geologist, U. S. Geological Survey

Subject: Docket No. DMEA-2103 (Copper), Interim report, Allen property, Sanders County, Montana, Contract No. Idm-E423

I visited the subject property on May 18 in the company of Mr. Elmer Allen, operator of the property. This was the first time I had seen the property, and my visit was mainly to meet the operator and to familiarize myself with the geologic setting of the deposit. I was impressed by the relatively difficult access to the property by nearly eight miles of steep, "good weather" dirt road and also by the lack of any source of water at the property. Both of these factors will have considerable bearing upon the economic feasibility of mining in the immediate area.

The Operator has just started to rehabilitate the adit and will be so engaged for some time. Before drifting is started on any structure in the rehabilitated crosscut, there should be a more careful evaluation made of the possible location of the downward extension of the copper-bearing vein seen at the surface. I now plan to spend some time at the property around June 5 making a plane table map of the ground so that sections can be constructed more accurately.

A. B. Campbell

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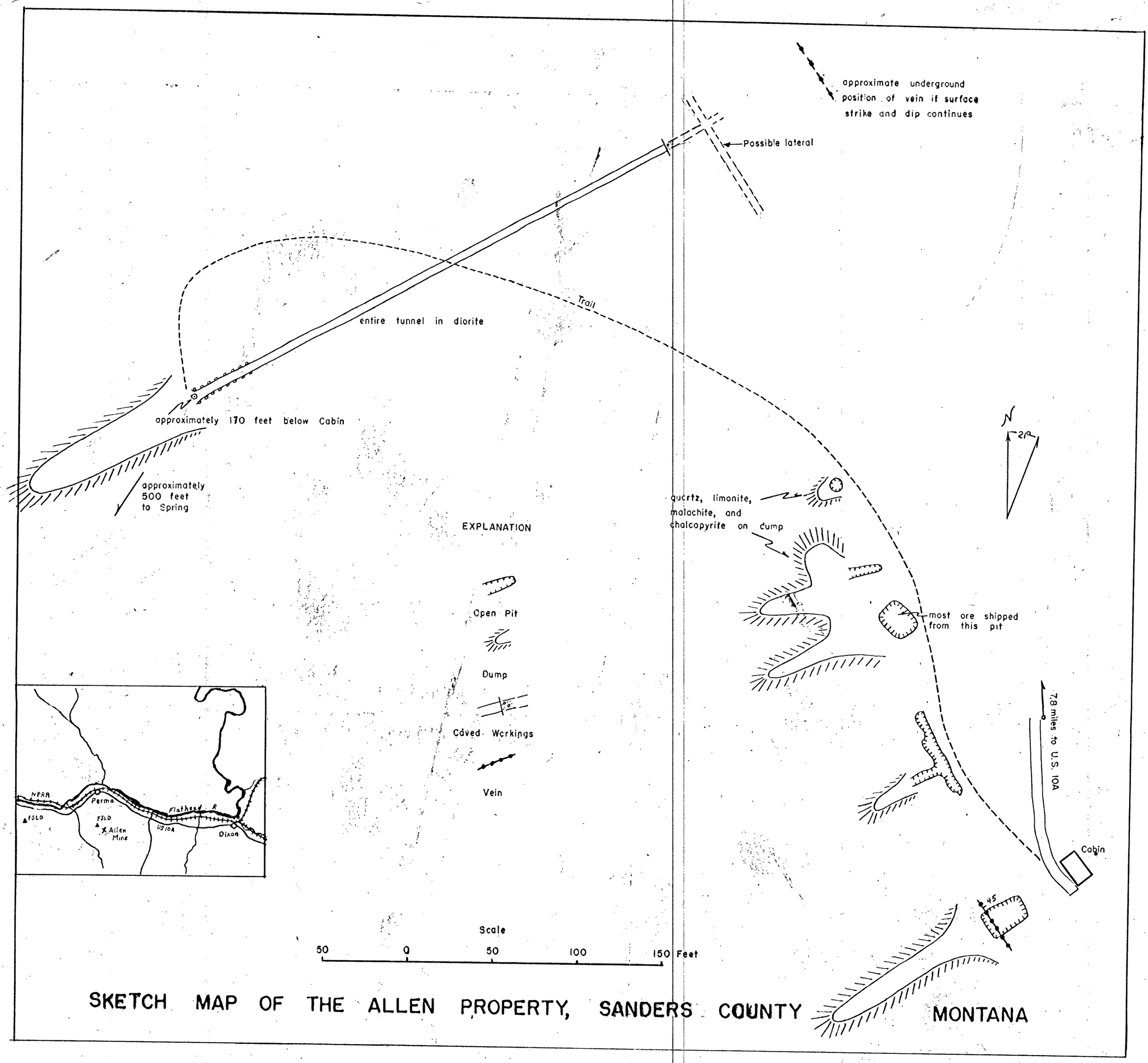
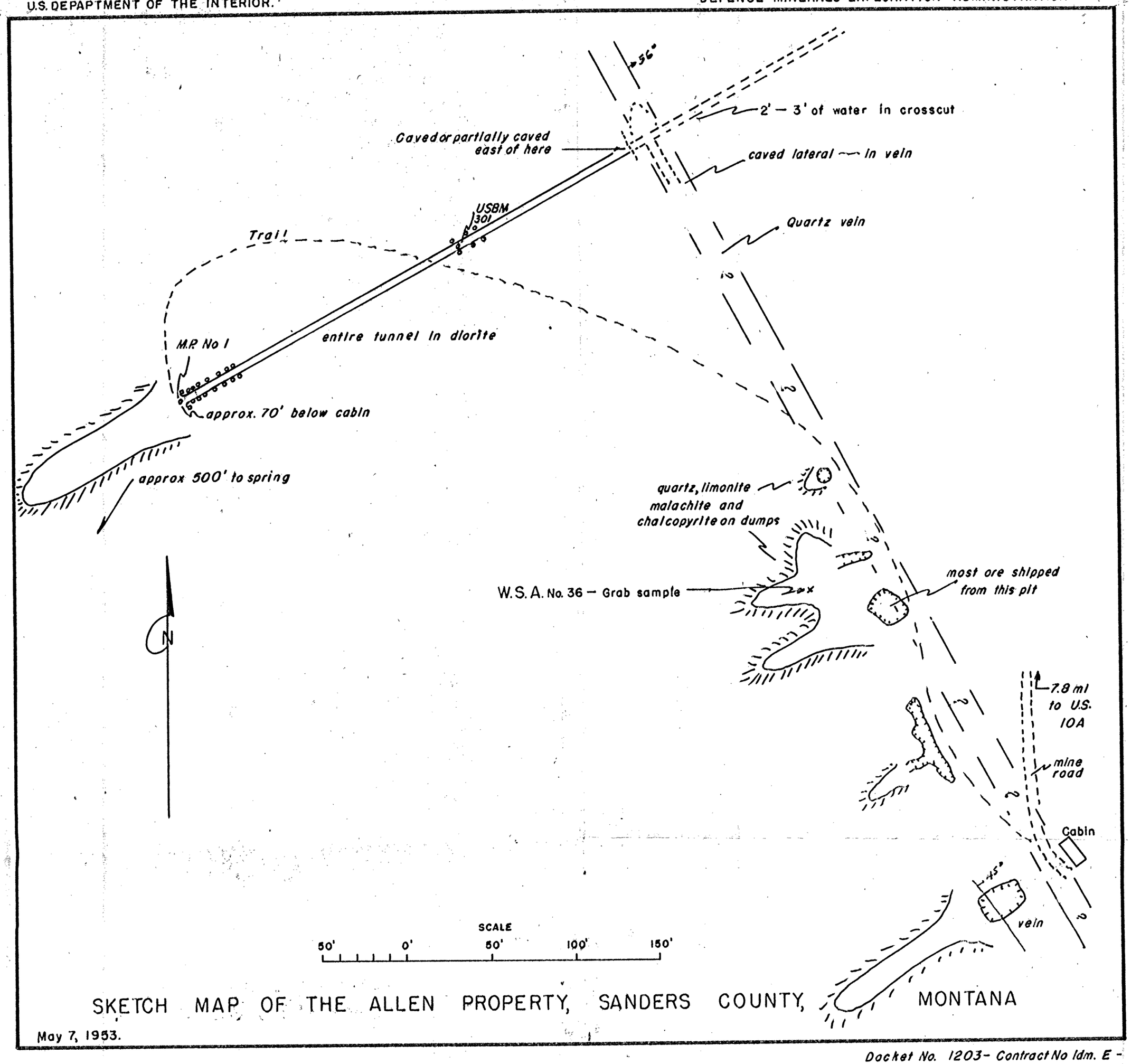


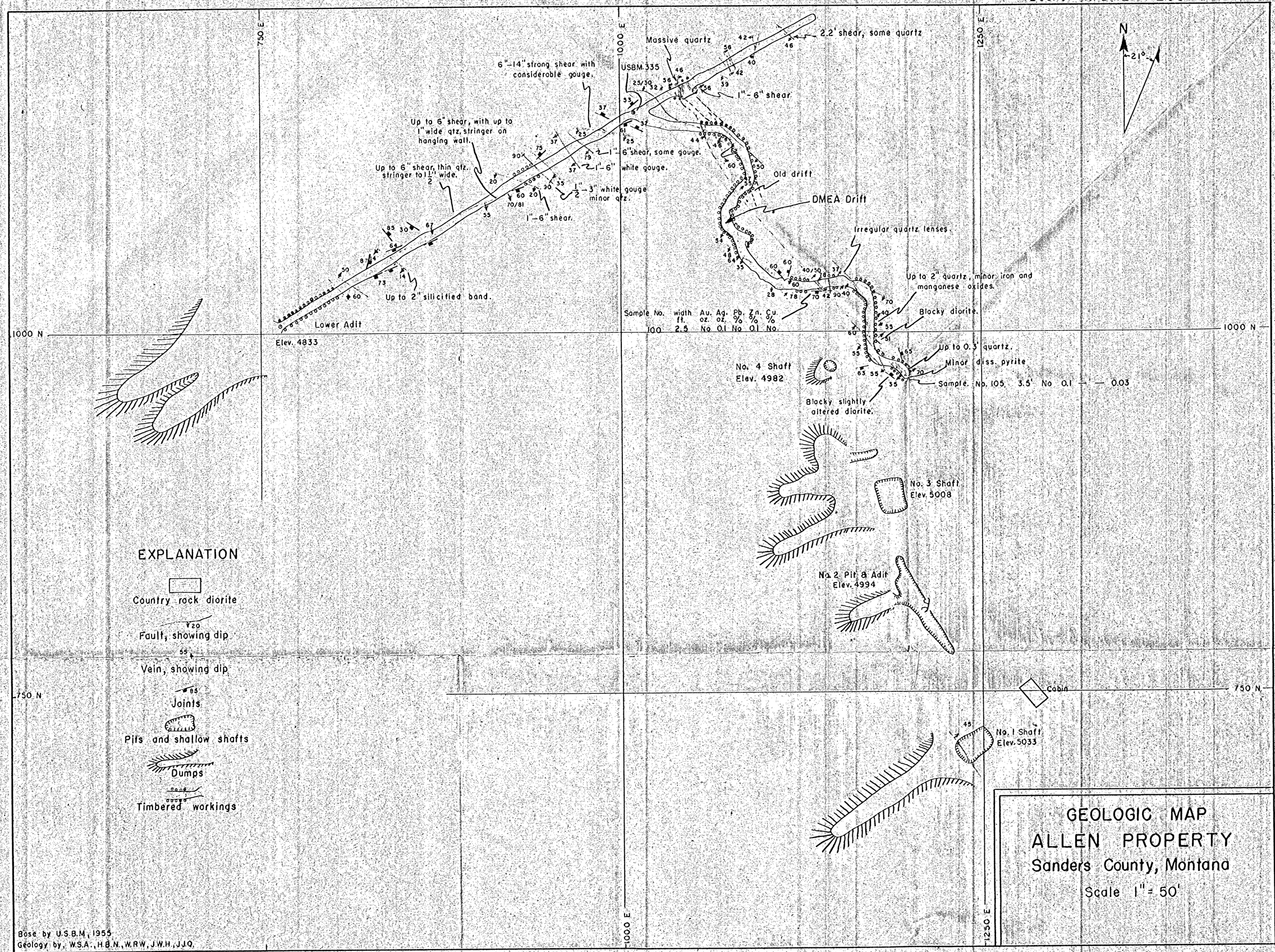
SKETCH MAP OF THE ALLEN PROPERTY, SANDERS COUNTY MONTANA



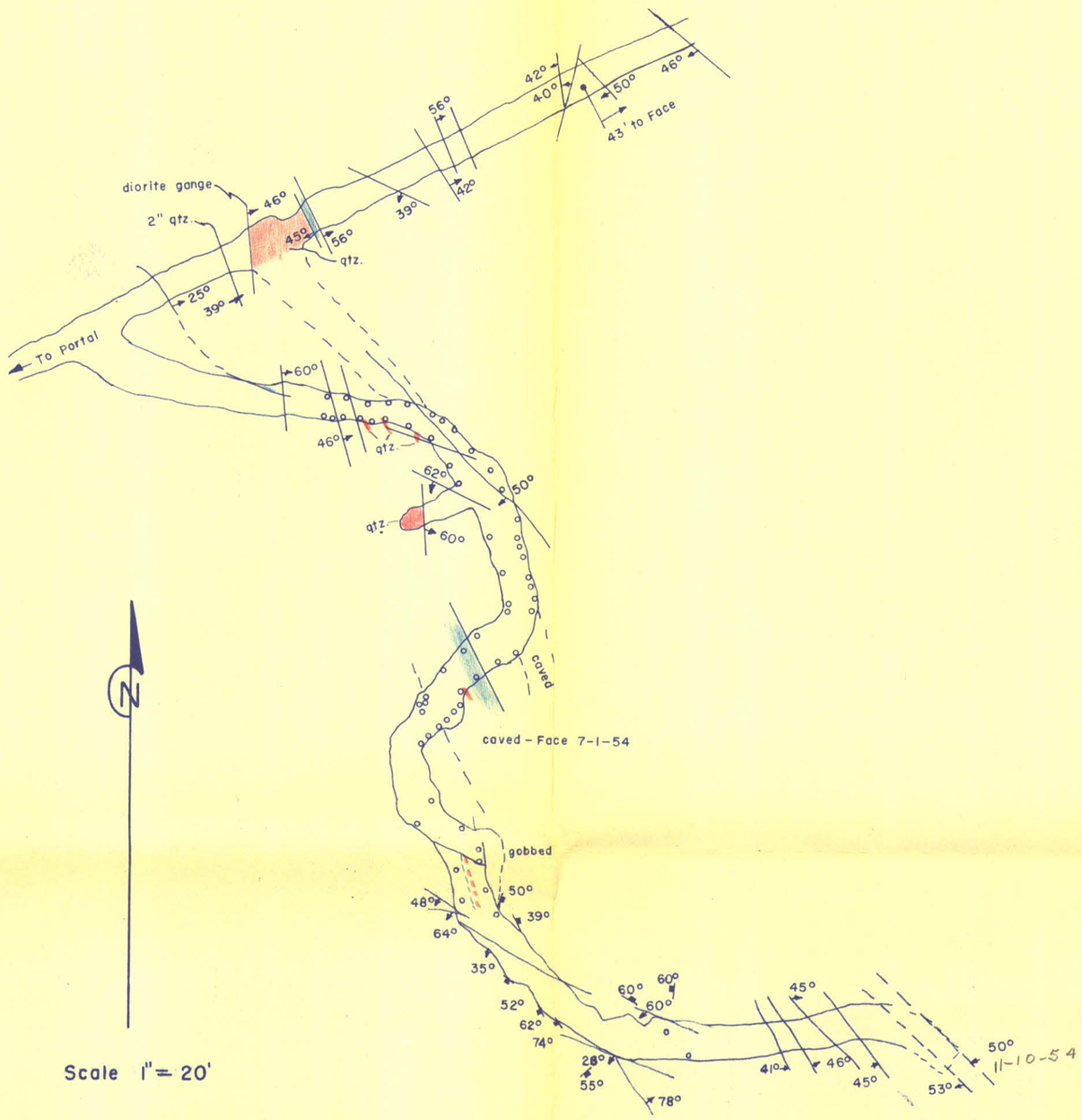
SKETCH MAP OF THE ALLEN PROPERTY, SANDERS COUNTY, MONTANA

May 7, 1953.

Docket No. DMEA 1203



GEOLOGIC MAP
ALLEN PROPERTY
Sanders County, Montana
Scale 1" = 50'


diorite gange
2" qtz.
46°
45°
56°
qtz.
25°
39°
To Portal
39°
56°
42°
42°
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50°
46°
43' to Face
60°
46°
qtz.
62°
qtz.
60°
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coved - Face 7-1-54
gobbed
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Scale 1" = 20'