DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 64

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

To:	Director, Supply Div.	Date	9/12/51
	Production Expansion Division	Date	SEP 13 1951
To:	V. W. Alt	Date	Sept. 18, 1951
To:	Mails & Files	Date	9/11/52
To:		Date	
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CONTROLLED DOCUMENT

Docket Cy.

Original 4/5/53. Hoffland

No. 1

AMENDMENT OF CONTRACT: No. Idm-E368

Contract Docket No. DMEA 64, dated July 3, 1952, between the United States of America and W.F. Moenke is hereby amended as follows, effective as of the date of said contract:

> Referring to "Article 3. Exploration Project" of Exploration Project Contract Form MF-200, delete "ninety (90) days" and in lieu thereof insert "one year"; delete "six (6) months" and in lieu thereof insert "eighteen (18) months".

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".

Dated January 15 1953.

UNITED STATES OF AMERICA

W F Moenke
W. F. Moenke

By W. H. King
Executive Officer, DMEA
Field Team, Region IV

MF-200
(June 1951)
(Revised Feb. 1952)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 8 1952

Docket Copy

DOCKET NO. DMEA 64

COMMODITY Lead-Zinc

Idm-E368

61

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

EXPLORATION PROJECT CONTRACT [1]

IT IS AGREED this 3rd day of July, 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and [2]

W. F. Moenke, an individual
1416 Downing Street
Denver 3, Colorado

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 Colorado, County of Summit, described as follows: [3]

See Appendix I, attached to and made a part hereof

the Operator represents and undertakes: [4]

[redacted]

under agreement to purchase / Landlord's Subordination Agreement

(*b*) That the Operator is/~~acquiring~~ in possession and entitled to possession, and the/[redacted] 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 ninety (90) days from the date of this contract shall commence work on a project of exploration for [5] Lead-Zinc

in or upon the described land; and shall bring the project to completion within a period of six (6) months 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.

ARTICLE 4. *Performance of the work.*—(*a*) *Operator's responsibility.* The work shall be performed efficiently, expertly, in a workmanlike manner, in accordance with good mining standards and State regulations for health and safety and for workmens' compensation and employers' liability insurance, with suitable and adequate equipment, materials, and labor, to bring the project to completion within the time fixed. To the extent specified in Exhibit "A," attached hereto, the work may be performed by independent contractor or contractors; and work not specified in Exhibit "A" for performance by independent contractor may nevertheless be so performed upon amendment of Exhibit "A," as agreed to by the parties, to state the work to be so performed and the estimated unit costs thereof, as provided hereafter.

(*b*) *Independent contracts.*—Any independent contract for the performance of work shall be on a unit-price basis (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved), or on some basis that will indicate the amount due for work performed at any stage of the work to be performed under such independent contract. The Government shall not be nor be considered to be a party to any such independent contract, and the Government's right to terminate the exploration project contract under any of its provisions shall not in any manner be affected by reason of any such independent contract. If the reference in Exhibit "A" to any such independent contract states that the Government's approval thereof is required, the Government may refuse to participate in the cost thereof unless and until it has given its written approval of the independent contract.

(*c*) *Government may inspect.*—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 5. *Estimated costs of the project.*—A statement of the estimated cost of the project is set forth in Exhibit "A," attached hereto. Except insofar as any item of requirement or the estimated cost thereof set forth in Exhibit "A" is there or elsewhere designated as an "allowable maximum," such items of requirement and of related cost are estimates only, and may be exceeded to the extent that the Government may from time to time approve for the most economic and beneficial performance of the work within the limitation of the total aggregate estimate of costs. The Government's approval of any such excess over the estimate for an item of requirement or related cost will be signified by its approval and payment of any invoice or voucher for payment which expressly calls attention to such excess. Items expressly designated in Exhibit "A" or elsewhere as "allowable maximum," and the total aggregate estimated cost are limitations, and any excess therein will be for the sole account of the Operator in which the Government will not participate.

ARTICLE 6. *Allowable costs of the project.*—(*a*) The costs of the project in which the Government will participate are limited to the following:

(1) *Independent contracts.*—Payments to independent contractors under independent contracts listed in Exhibit "A." The estimated cost of any work to be performed under an independent contract is or shall be included in the estimate of costs in Exhibit "A" in terms of the estimated numbers of units of work to be performed, the estimated amount to be paid per unit, and the estimated total amount to be paid to the independent contractor, and such estimates shall be allowable maximums above which the Government will not contribute. Regardless of the provisions of any such independent contract, the Government will participate in the payments to the independent contractor only on account of work actually performed and that conforms with the provisions of the exploration project contract, and only to the extent that the Government deems the unit prices for the work under the independent contract to be reasonable and necessary. No such independent contract shall have the effect of increasing the estimated total cost of the exploration project contract nor the maximum amount which the Government will pay as provided in the exploration project contract.

(2) *Labor, supervision, consultants.*—Labor, supervision and technical services (including engineering and geological consultants), a schedule of which is included in the estimate of costs set forth in Exhibit "A." The requirements and related estimated costs for supervision and technical services are allowable maximums.

(3) *Operating materials and supplies.*—Necessary materials and supplies including items of equipment costing less than $50.00 each, and power, water, and fuel, a schedule of which is included in the estimate of costs in Exhibit "A."

(4) *Operating equipment.*—Any operating equipment to be rented or purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or the allowable depreciation, as the case may be, a schedule of which is included in Exhibit "A." Any items listed as owned and to be furnished by the Operator, and related initial allowable depreciation, are allowable maximums.

(5) *Rehabilitation and repairs.*—Any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and to be devoted to the purposes of the exploration contract, a schedule of which is included in the estimate of costs set forth in Exhibit "A." These items are allowable maximums.

(6) *New buildings, improvements, installations.*—Any necessary buildings, fixed improvements, or installations to be purchased, installed, or constructed for the purposes of the exploration work, with the estimated cost of each, a schedule of which is included in the estimate of costs in Exhibit "A." All of these items are allowable maximums.

(7) *Miscellaneous.*—Repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance and payroll taxes.

(8) *Contingencies.*—Such other necessary, reasonable direct costs of performing the exploration work, within the limit of the total aggregate estimate of costs, whether or not included in any schedule of costs in Exhibit "A," as may be approved by the Government in the course of the work, as indicated by its approval and payment of invoices and vouchers.

[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*) The Government's payments in all cases will be based on actual, necessary costs (including contract unit prices) incurred not in excess of any "allowable maximum," and not in excess of the fixed percentage of the total aggregate estimated cost. Costs will be considered to be incurred only as they are or become due and payable.

(*c*) No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes) or any other indirect costs, or work performed or costs incurred before the date of this contract, shall be allowed as costs of the project in which the Government will participate.

ARTICLE 7. *Reports, accounts, audits.*—(*a*) *Progress reports.* The Operators shall provide the Government with monthly reports of work performed and costs (including contract unit prices) incurred 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 costs incurred 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.

(*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 operations, which the Government may inspect and audit at any time. The Government may at any time require an audit of the Operator's records and accounts by a certified public accountant, 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 as provided in Article 12.

ARTICLE 8. *Payments by the Government.*—(*a*) The Government will pay Fifty (50) percent of the allowable costs incurred, as they accrue, in an aggregate total amount not in excess of $ 1,500.00, which is 50 percent of $ 3,000.00, 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 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.

(*b*) The Government may make any payment or payments direct to independent contractors and to suppliers, for the account of the Operator, rather than to the Operator.

ARTICLE 9. *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 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 10. *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 11. *Title to and disposition of property.*—All facilities, buildings, fixtures, equipment, or other items costing more than $50.00 each, paid for or purchased with funds contributed jointly by the Operator and the Government, although title may be taken in the name of the Operator, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the completion of the work or the termination of the contract shall be disposed of promptly by the Operator for the joint account of the Government and the Operator, either by return to the vendor, by sale to others, or purchase by the Operator at a price at least as high as could otherwise be obtained, as may appear to be for the best interest of the Government, unless the Government, in writing, waives its interest in any such item. If necessary to accomplish such disposition, the Operator shall dismantle, sever from the land, and remove any such item, the cost thereof to be for the joint account of the parties in proportion to their respective interests. If the Operator, within 90 days after the receipt of written notice from the Government, fails, neglects, or refuses to dispose of such property, the Government may itself enter upon the land, take possession of, and remove and dispose of any such property as above provided.

ARTICLE 12. *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. Upon the completion of the project or any termination of the contract the Operator shall dispose of any remaining materials, supplies, facilities, buildings, fixtures, and equipment in which the Government has an interest, for the joint account of the Operator and the Government in the proportion of their respective interests; shall render to the Government a full and final accounting of his operations under the contract and his expenditures of money; and shall pay to the Government its pro rata share of any money remaining.

ARTICLE 13. *Changes and added provisions.* ----------

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

W. F. Moeller
(Operator)

By W. H. King
Executive Officer, DMEA
Field Team, Region IV

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—66328-1

APPENDIX I

The Carbonate group of unpatented mining claims, Minnesota and Breckenridge Mining Districts, in sec. 3, T. 7 S., R. 77 W., Summit County, Colorado.

Name of lode mining claim	Summit County Records	
	Book	Page
Carbonate, also called Carbonate #1	15	296
Carbonate #2	17	106
Carbonate #3	16	363
Carbonate #4	16	364
Carbonate #5	20	444
Carbonate #6	20	445
Little Tommie #1	10	450
Little Tommie #2	10	450
Little Tommie #3	10	451
Little Tommie #4	10	451
Doubtful	16	228
Highland Mary	10	449
Gold King	10	448
Gold Nugget	10	543
New Era	16	210
New Era #1	16	211

EXPLORATION PROJECT CONTRACT
W. F. Moenke
DOCKET NO. DMRA-64

EXHIBIT "A"

Description of the Work

The vein slump areas, identified as B, C and D on the attached map (Fig. 2) shall be stripped by bulldozer to expose the vein structure for examination and sampling. Sampling and assaying shall be done in connection with this work.

Shallow winzing and test pitting shall be done in the most favorable areas exposed by stripping. Sampling and assaying shall be done in connection with this work.

The location, direction and extent of all work, including the sampling and assaying, shall be subject to prior approval of the Government.

Estimated Costs of the Project

(Items followed by an asterisk are allowable maximums)

Independent Contracts

Bulldozer, complete with operator, and all maintenance and operating costs - 125 hours @ $12.00 per hour	$ 1,500.00

Labor, Supervision, Consultants

Labor for cleaning trenches, test pitting and sampling (Wage rates are to be paid at rates prevailing in district, Including overtime. One miner may be paid leadman rate)	600.00
Supervision	100.00*
Consultants - None	

Operating Materials and Supplies

Any supplies and materials necessary to complete this project	250.00

Operating Equipment

To be purchased:

None

To be rented:

Portable compressor, jackhammer, hoses and necessary attachments for drilling	300.00

To be furnished by operator:

None

Rehabilitation and Repairs

None

New Buildings, Improvements, Installations

None

Miscellaneous

None

Contingencies

Total Contingencies	$ 250.00
Total estimated cost of project	$3,000.00
Government's participation at 50%	$1,500.00

MF-202

LANDLORD'S SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the owner in fee simple of that certain parcel of ground in the county of Summit, State of Colorado, described in a certain Exploration Project Contract dated July 3, 1952, between E. L. Moenke,

the Lessee of said property, and the United States of America;

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated Aug. 1, 1947 May 1, 1948 June 1, 1953, does by these presents subordinate all of his right, title, and interest under the provisions of said lease to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights to rentals or royalties under the terms of said lease; and

The undersigned further agrees that if said leasehold interest should be surrendered or if said lease should terminate at any time prior to the expiration of the rights of the United States of America under said Exploration Project Contract, the undersigned shall assume and does hereby assume all of the obligations of the Lessee under said Exploration Project Contract to make repayment to the United States of America according to the terms of said contract; and

The undersigned agrees to commit no act, nor assert any claim under judicial process or otherwise that may contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this 22nd day of September, 1951

Clarence E. Moore
Earl A. Stephenson
Vera S. Pike
Albert E. Stephenson

U. S. GOVERNMENT PRINTING OFFICE 16—64582-1

DEPARTMENT OF THE ARMY
Defense Records Administration
RECEIVED
JUN 9 1952

MAP

BELONGS

HERE

17

1 map.

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 8 1952

224 New Customhouse
Denver 2, Colorado

September 5, 1952

REGISTERED # 82222

Memorandum

To: C. O. Mittendorf, Acting Administrator
Defense Minerals Exploration Administration

From: Executive Officer, Field Team, Region IV

Subject: Contract Idm-E368, Docket DMEA 64, W. F. Moenke, (Lead-Zinc)

Enclosed are the original and two copies of an Exploration Project Contract between the Government and W. F. Moenke. All copies have been signed by the applicant and by the Executive Officer, DMEA Field Team, Region IV.

The contract covering this docket was prepared in the Washington office and submitted unsigned to Region IV. The method of payment for the winzing and test pitting as submitted in the original contract was ambiguous and would cause trouble in administering the contract, therefore the contract was rewritten in this office.

W. H. King
W. H. King

Enclosures

MF-200 (A)
(February 1952)

DOCKET NO. DMEA [redacted]

COMMODITY [redacted]

Idm-E368
EXTRA COPY

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

EXPLORATION PROJECT CONTRACT[1]
(Short Form)

IT IS AGREED this 3rd day of July, 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and[2]

[redacted]

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 Colorado, County of [redacted], described as follows:[3]

[redacted]

the Operator represents and undertakes:[4]

(a) [redacted]

(b) That the Operator is a [redacted] in possession and entitled to possession, and the [redacted] as 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 _____ days from the date of this contract shall commence work on a project of exploration for[5] [redacted]

in or upon the described land; and shall bring the project to completion within a period of [redacted] 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 $1,500.00, which is 50 percent of $3,000.00, 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

.....
(Operator)

By .....

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

APPENDIX I

The Carbonate group of unpatented mining claims, Minnesota and Breckenridge Mining Districts, in sec. 3, T. 7 S., R. 77W., Summit County, Colorado.

Name of lode mining claim	Summit County Records Book	Page
Carbonate, also called Carbonate #1	15	296
Carbonate #2	17	106
Carbonate #3	16	363
Carbonate #4	16	364
Carbonate #5	20	444
Carbonate #6	20	445
Little Tennie #1	10	450
Little Tennie #2	10	450
Little Tennie #3	10	451
Little Tennie #4	10	451
Beautiful	16	228
Highland Mary	10	449
Gold King	10	448
Gold Nugget	10	543
New Era	16	210
New Era #1	16	211

EXPLORATION PROJECT CONTRACT
W. F. MEYERS
DOCKET NO. EMGA-64

EXHIBIT "A"

Description Of the Work

The vein slump areas, identified as B, C and D on the attached map (Fig. 2) shall be stripped by bulldozer to expose the vein structure for examination and sampling. Sampling and assaying shall be done in connection with this work.

Shallow winzing and test pitting shall be done in the most favorable areas exposed by stripping. Sampling and assaying shall be done in connection with this work.

The location, direction and extent of all work, including the sampling and assaying, shall be subject to the approval of the Government.

Estimated Costs of the Project

1. Stripping vein slump areas B, C, and D by bulldozer, 25 days at $100.00 per day	$2,500.00
2. 100 feet of shallow winzing and test pitting at $5.00 per foot	500.00
Total estimated cost of project	$3,000.00
Government participation @ 50 percent	$1,500.00

MAP

BELONGS

HERE

#18

1map.

Finished

MDL

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT - 5 1953

224 New Customhouse
Denver 2, Colorado

October 2, 1953

Memorandum

To: C. O. Mittendorf, Administrator, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket No. DMEA 64 (Lead-Zinc), Contract Idm-E368, W. F. Moenke, Summit County, Colorado

Enclosed are three copies of "Notice of Rescission of Exploration Project Contract, Under the Terms of the Contract, Before Work is Begun" which has been executed by this office in conformance with authority contained in your teletype dated October 2, 1953.

The original of the notice has been forwarded to the operator, a copy has been given to the Fiscal Officer, Region IV, and a copy retained for our files.

W. H. King

W. H. King

Enclosures

Case
10-5

DOCKET COPY

Chamberlin
Rubin
Oakes

NOTICE OF RESCISSION OF EXPLORATION PROJECT CONTRACT, UNDER THE TERMS OF THE CONTRACT, BEFORE WORK IS BEGUN

Mr. W. F. Moenke
1416 Deming Street
Denver, Colorado

Operator under Exploration Project Contract Idm-2368,
Docket No. DMEA 64, dated July 3, 1952.

The United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, under the terms of the above mentioned contract, hereby rescinds the contract on the following grounds:

In the opinion of the Government, you have failed to prosecute operations pursuant to the terms of the contract in that you have failed to commence work under the terms of the contract or Amendment No. 2 dated July 10, 1953.

Dated this 1st day of October, 1955.

UNITED STATES OF AMERICA

By W. H. King
W. H. King, Executive Officer
DMEA Field Team, Region IV

FILE COPY
SURNAME:

Unsigned
GCSelfridge
RE Johnson

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

AGENCY: DMEA, U.S. Department of Interior
Originator: WRGriswold/bjl
Ext. 3669 Room: 4058

Appro: 14X3523.970 Working Fund, Interior, DMEA
Date: October 1, 1953
To: W. N. King, Executive Officer, DMEA Field Team, Region IV, Denver, Colorado

Reurtt September 30, 1953, Contract Idm-1368, Docket DMEA-64, W. F.

Reenmo. You are authorized to rescind contract as requested.

George C. Selfridge
Chairman, Operating Committee

Copy to: Docket
Admr. R. File
Op. Committee
Base Metals
Audits
Mr. Bishop
Mr. Kinkel
Chron.

SENT
OCT 2 1953
Clerical Service Section

R.C.B. 10-2-53

1-1027
(April 1946)

UNITED STATES
DEPARTMENT OF THE INTERIOR

[illegible] RECEIVED

AGENCY DMEA REG IV

Originator:

TELETYPE

Ext.: Room:

Appro.:
Date: 9/30/53
Time:
No.:
To: C. O. MITTENDORF DMEA WASH

Subject:

REFERENCE DOCKET DMEA 64, (LEAD-ZINC) CONTRACT IDM-E368, W. F. MOENKE, SUMMIT COUNTY, COLORADO. OPERATOR HAS NOT COMMENCED WORK IN CONFORMANCE WITH ARTICLE 3 AS AMENDED BY AMENDMENTS NUMBERS 1 and 2. PLEASE TELETYPE AUTHORITY TO RESCIND CONTRACT FOR REASON ARTICLE 12 (B).

W. H. King
W. H. KING

Authorized:
CONFIRMATION

Sign original message and transmit to Room ..... in duplicate

U. S. GOVERNMENT PRINTING OFFICE 10—50915-1

FILE COPY
SURNAME:

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

500

H.S. in R.R.

SEP 25 1953

W. F. Moenke, Summit County, Colorado
Docket No. DMA 64, Contract No. Idm-E368

Contract dated July 3, 1952, total amount $3,000.00.

Contract calls for bulldozing, test pitting on vein and sampling.

No work has been started. By amendment starting time extended to September 1, 1953. Considered unlikely that work will be started as such date is unfavorable due to approaching winter conditions at high altitude. If not started as promised, believe we should terminate.

W. R. Griswold

W. R. Griswold

P. S. The project must be classified as falling into the category of "prospecting", to bulldoze, test pit and sample along the strike of a vein, in hopes of locating presently unknown ore bodies. Even if such ore bodies were actually located, the normal expectancy would be for ore shoots of limited size and vertical range.

WRGriswold/hmj
(9/16/53)
CC to: Docket
Mr. Mittendorf
Mr. F. E. Johnson
Mr. Selfridge
Mr. Alt
Mr. Keating
Mr. Griswold
Chron.

C. O. Mittendorf
9-30-53
4:05

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT - 1 1953

DN 235 BUR MINES 9-30-53 2-05 AXXX PM

C O MITTENCDORF DMEA

REFERENCE DOCKET DMEA 64 / LEAD- ZINC/ CONTRACT IDM- E368, W F MOENKE, SUMMIT COUNT Y , COLORADO. IXXX OPERATOR HAS NOT COMMENCED WORK IN CONFORMANCE WITH ARTICLE 3 AS AMENDED BY AMENDMENTS NUMBERS 1 AND 2. PLEASE TELETYPE AUTHORITY TO RESCIND CONTRACT FOR REASON ARTICLE 12 / B/.

W H KING

Denver, Colo.

OCT 1 8 46 AM '53
BUREAU OF MINES
MAIL ROOM
WASHINGTON, D.C.

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

224 New Customhouse
Denver 2, Colorado

July 10, 1953

Memorandum

To: C. O. Mittendorf, Administrator, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Amendment No. 2 to Contract Idm-E368, Docket DMEA-64, W. F. Moenke (Lead-Zinc)

Enclosed are the original and two copies of Amendment No. 2 to Contract Idm-E368. Copies of this amendment have been given to the operator, the Fiscal Officer, Region IV, and a copy has been retained for our files.

Also enclosed are three copies of a letter from the operator requesting this amendment.

W. H. King

W. H. King

Enclosures

Cole
7-13

RECEIVED
JUL 24 1953
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

Docket Copy

No. 2

Office
7/23/53
Hoffland

AMENDMENT OF CONTRACT: No. [illegible]

Contract Docket No. EMRA 64, dated July 3, 1953, between the United States of America and W. F. Moenke is hereby amended as follows, effective June 19, 1953:

> Referring to "Article 3. Exploration Project" of Exploration Project Contract Form [illegible] as amended, to the words "one year" add "and two months".

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".

Dated July 10, 1953.

UNITED STATES OF AMERICA

W. F. Moenke
W. F. Moenke

By W. H. King
W. H. King, Executive Director
EMRA Field Team, Region IV

Denver 18, Colorado
1416 Downing st.
June 14, 1953

Mr. U. K. King, Executive Officer
Field Team, Region IV
224 New Custom House
Denver 2, Colorado

Re: Docket DMEA 64
Contract Idm-3368

Dear Mr. King:

Your letter of June 10th., 1953 mentions that I must start operations under the above contract by July 3, 1953 or ask for an amendment for extension of starting date. I will not be able to start operations by July 3, 1953 and therefore request an extension of time to start work not later than Sept. 1st., 1953. The reason is that by that time I will be properly financed to complete the contract.

Very truly yours,

W. F. Moenke

W. F. Moenke

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

918

224 New Customhouse
Denver 2, Colorado

June 22, 1953

Memorandum

To: George C. Selfridge, Chairman, Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, DMEA Field Team, Region IV

Subject: Inactive DMEA Projects, Region IV

In reference to item "12. W. F. Moenke, DMA 64, Idm-E368," of our memorandum dated June 11, 1953, we are enclosing a copy of a letter from W. F. Moenke dated June 14, 1953, in reply to our letter of June 10.

The operator states that he will be unable to commence operations prior to September 1, 1953. We will execute an amendment to extend the starting time as he has requested. However, it is doubted that he will be in a position to commence operations by that time. Moreover, if he does start work by then winter weather conditions will soon force a termination of the project activities.

W. H. King

W. H. King

Enclosure

DOCKET COPY

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

22A New Customhouse
Denver 2, Colorado

June 10, 1953

Registered Mail

Mr. W. F. Moenke
1416 Downing Street
Denver 3, Colorado

Re: Docket DMEA 61
Contract Idm-E368

Dear Mr. Moenke:

Your attention is directed to article "3. Exploration Project" of Exploration Project Contract, Form MF-200, as amended by Amendment No. 1 dated January 15, 1953, which stipulates that work must be commenced by July 3, 1953.

Please advise at your earliest convenience the date you expect to start operations under the contract. If some condition will not permit the starting of work by that date it will be necessary for you to obtain an amendment to extend the starting date in order to keep the contract in force beyond July 3, 1953.

Any request for an amendment to the contract must be submitted in sextuplicate and contain an adequate justification for the amendment.

Yours very truly,

W. H. King

W. H. King
Executive Officer
Field Team, Region IV

JWT:ld

cc: Chairman, Operating Committee
Townsend
Koschmann
Traver
Contract
Chron.

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

224 New Customhouse
Denver 2, Colorado

January 15, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 20 1953

Memorandum

To: C. O. Mittendorf

From: Executive Officer, Field Team, Region IV

Subject: Amendment No. 1, DMEA Docket 64, Contract Idm-E368, W. F. Moenke

Enclosed are the original and two copies of Amendment No. 1. Copies of this amendment have been given to the Operator, the Fiscal Office of Region IV, and a copy has been retained for our file. Also enclosed are three copies of a letter from the Operator requesting this amendment.

W. H. King
W. H. King

Enclosures

RECEIVED
JAN 30 1953
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

Denver 18, Colorado
1416 Downing st
Dec.18,1952

Mr. W.H.King, Executive Officer
Field team, Region IV
U.S.Dept.of Interior
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado.

Dear sir:-

Your letter, dated Dec 9,1952 with reference to DMEA Docket 64, contract Idm-E 368 in which you advise that above contract will expire on Jan.3,1953 unless it is amended to extend the expiration date.

This letter is my request for extension of the expiration date to not later than Sept.1,1953. The reason being the Carbonate mine is at high altitude where work cannot be started before June 1st.,1953, and work as described in the contract was not known until I received the contract about Sept.6th,1952. About this time I had completed all the work I contemplated for 1952, but you advised me that work done did not conform to the contract, therefore I request the extension of the expiration date as above.

Very truly yours,

W F Moenke

W.F.Moenke

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

OFFICE OF
REGIONAL DIRECTOR

REGION IV

224 NEW CUSTOMHOUSE
DENVER 2, COLORADO

Air Mail

August 28, 1951

Memorandum

To: Executive Secretary, Defense Minerals Administration

From: DMA Field Team, Region IV

Subject: DMA Docket 64, W. F. Moenke, Carbonate Group, Breckenridge District, Summit County, Colorado

Enclosed are the original and two copies of the final report on the above docket.

The field report indicates the necessity of trenching and bulldozing as the preliminary step on this project. It is recommended that the preliminary project, costing about $3,000 be completed before the second step of the project is considered.

We agree with this recommendation.

J. H. East, Jr.

for A. H. Koschmann

enclosures

SEP 4 1951

Mining Division
Region IV

August 27, 1951

Memorandum

To: DMA Field Team, Region IV

From: Chief, Mining Division, Region IV

Subject: DMA Docket 64, Carbonate Group, Breckenridge District, Summit County, Colorado

Enclosed are original and seven copies of the engineering and geological reports on the above application for exploration loan estimated to cost $25,000. The amount was revised to $22,900 by the examiners, which included a preliminary project costing approximately $3,000.

It is recommended that the preliminary project in the amount of $3,000 be approved with the understanding that if the results of this work are favorable the remainder of the project then be approved.

for W. H. King
P. T. Allman

Enclosures

2d

cc: DMA

Mining Division
Date Rec'd.
AUG 4 1951
BUREAU OF MINES
Denver, Colorado

Building 20
Denver Federal Center
August 23, 1951

Memorandum

To: Chief, Mining Division, Region IV

From: W. M. Traver, Jr.

Subject: [illegible], W. F. Menke, Carbonate Group, Breckenridge, Summit County, Colorado

Please find enclosed the original and seven copies of Karver's engineering report on the Carbonate Group, Breckenridge, Summit County, Colorado.

An exploration program suggested by the applicant, W. F. Menke, estimated [illegible] $[illegible], was revised to $[illegible] by the examiner.

Apparently the reason for requiring exploration by extension of the property upward from will result in developing additional ore bodies by locating the occurrence of several clay zones along the vein on the surface similar to, and over a more favorably situated.

Before and during the examining team, recommend that future exploration program be undertaken, the favorable areas be explored first by [illegible] exploration with some [illegible] work [illegible] in the trenches as [illegible] for the program [illegible] for the applicant. This contingency [illegible] will cost approximately $[illegible]. I concur with their recommendations.

The brochure, copies of the lease agreements, etc., furnished by your office, are also enclosed.

W. M. Traver, Jr.

W. M. Traver, Jr.

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Defense Minerals Administration
200 New Customhouse
Denver 2, Colorado

August 3, 1951

Memorandum

To: DMA Field Team, Region IV

From: A. H. Koschmann

Subject: DMA Docket 64, Carbonate Claims, Breckenridge District, Colorado

Attached are 8 copies of the report by Mr. O. D. Evans, Geologist, U. S. Geological Survey, covering the Carbonate Claims, DMA Docket 64. It is pointed out in this report that several veins are found in the Carbonate group of claims. An ore shoot has been found in one of these veins and some ore has been shipped from it. Mr. Evans therefore recommends that a loan be granted for surface exploration along the veins indicated by surface depressions, and that underground exploration, requested by the applicant, be delayed until surface exploration has located ore shoots.

I concur with this recommendation.

A. H. Koschmann
A. H. Koschmann
Supervising Geologist
Colorado-Wyoming

Attachments (8)

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

DEFENSE MINERALS ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION IV

DMA-64, W. F. Moenke, The Carbonate Group

Minnesota Mining District

Summit County, Colo.

C. M. Harrer, Mining Engineer
Bureau of Mines

O. D. Evans, Geologist
U. S. Geological Survey

August 16, 1951

W. F. MOENKE
THE CARBONATE GROUP
MINNESOTA MINING DISTRICT
SUMMIT COUNTY, COLO.

Summary, Conclusions, and Recommendations

By C. M. Harrer
Mining Engineer
Bureau of Mines

and

O. D. Evans
Geologist
U. S. Geological Survey

W. F. MOENKE
THE CARBONATE GROUP
MINNESOTA MINING DISTRICT
SUMMIT COUNTY, COLO.

SUMMARY, CONCLUSIONS, AND RECOMMENDATIONS

By C. M. Harrer and O. D. Evans

The Carbonate group of claims lies entirely within monzonite porphyry. The vein exposed in the Carbonate adit contains a lead-silver-gold ore of commercial grade in oxidized vein material as carbonates and sulfides. This vein is marked on the surface by a prominent depression.

Geologic precedent lends encouragement to the possibility of locating lead-silver-gold ore bodies of commercial grade beneath other prominent erosional depressions along faults, above timber line and 12,000 feet altitude.

Present reserves are estimated at 500 tons of indicated ore and 5,000 to 7,000 tons of inferred ore assaying 0.4 ounce gold and 10 ounces silver per ton, 14 percent lead, 1 percent zinc, and a trace of copper.

The proposed exploration program as outlined on figure 2 is estimated by the applicant, W. F. Moenke, at a cost of $25,000.00. The cost is estimated by the examining engineer at $28,900.00.

The proposed underground exploration program is premature and should be dependent on the results of an alternate program recommended by the examining team to explore surface erosional depressions or slumps believed to be over ore bodies.

The loan for the proposed underground exploration is, therefore, not recommended until the above-suggested surface exploration program is completed.

Cost of this preliminary exploration is estimated at $3,000.00.

CARBONATE CLAIMS

BRECKENRIDGE DISTRICT, COLORADO

DMA DOCKET 64

Geology and Ore Reserves

July 26, 1951

by O. D. Evans, Geologist
U. S. Geological Survey

Geol

CARBONATE CLAIMS
BRECKENRIDGE DISTRICT, COLORADO

GEOLOGY

The Carbonate group of claims are located in the southeastern part of the Breckenridge mining district on the north and northwest slope of Bald mountain. They lie entirely within a monzonite porphyry sill. A vein is exposed only in the Carbonate mine, and most of the ore shoot has been mined. This vein strikes N 25° E and dips 75° NW. In the present exposures it is 1 to 2 feet wide, but the ore shoot may have been wider. The vein material includes limonite, cerusite, possibly some anglesite, residual lumps of galena, and gold. These minerals form a tight, non-porous, clayey structure. The upper part of most veins in the Breckenridge district are oxidized, and the depth of oxidation conforms with the present topography. It rarely extends downward more than 200 feet. Primary sulfides continue below the oxide and carbonate zone, but lead is not found more than 350 feet below the surface in this district. It gives way in depth to pyrite or sphalerite. A notable feature of the Breckenridge veins is the high grade lead and silver of the oxidized parts of the veins as compared with the underlying sulfides.

The veins in the Carbonate group of claims are marked on the surface by prominant depressions from 5 to 20 feet wide and as much as 5 feet in depth. See figure 2. They appear to have been formed by erosion of the soft vein material from the more resistant monzonite porphyry walls. The depression over the vein in the Carbonate mine continues northeast

for 460 feet beyond the workings. Other depressions to the northwest indicate at least two more veins. The largest of these strikes N 45° E and has a length of over 600 feet. From its central part a smaller depression branches to the northeast parallel to the Carbonate mine vein. A third depression is 215 feet long and is parallel to the Carbonate mine vein.

ORE RESERVES

On the basis of past production 500 tons of Indicated ore averaging per ton 0.4 Oz. Au, 10.0 Oz. Ag, 14.0% Pb, and 1.5% Zn are estimated below the Carbonate tunnel and adjacent to the stoped area. Inferred ore is estimated on the extension of the vein in the Carbonate tunnel and on the veins to the northwest as follows:

Carbonate vein extension---2000 tons averaging per ton 0.4 Oz. Au, 10.0 Oz. Ag, 14.0% Pb and 1.0% Zn.

Veins to northwest---3000 to 5000 tons averaging per ton 0.4 Oz. Au, 10.0 Oz. Ag, 14.0% Pb and 1.0% Zn.

CONCLUSIONS AND RECOMMENDATIONS

The Carbonate mine workings prove that the surface depressions mark the outcrops of vein material, and that this material contained at least one ore shoot of commercial grade. It is possible, therefore, that other ore shoots exist in the unexplored veins and vein extensions that are marked by prominent surface depressions.

It is recommended that funds be granted to excavate the unexplored surface depressions so as to expose the underlying veins, and to sink

pits or winzes in the center of any ore shoots revealed by surface sampling of the outcrops. The more expensive underground program suggested by the applicant should be delayed until surface exploration has located lead-silver-gold ore bodies. Therefore, it is recommended that the loan for underground exploration be denied at this time.

W. F. MOENKE
THE CARBONATE GROUP
MINNESOTA MINING DISTRICT
SUMMIT COUNTY, COLO.

Engineering Report

By C. M. Harrer
Mining Engineer
Bureau of Mines

Engineering

W. F. MOENKE
THE CARBONATE GROUP
MINNESOTA MINING DISTRICT
SUMMIT COUNTY, COLO.

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ILLUSTRATIONS

Figure — Follows Page

1. Location map, Carbonate mine, Summit County, Colo. ... 1
2. Map of Carbonate mine, Summit County, Colo. 11

W. F. MOENKE
THE CARBONATE GROUP
MINNESOTA MINING DISTRICT
SUMMIT COUNTY, COLO.

ENGINEERING REPORT

By

C. M. Harrer

INTRODUCTION

The examination was made at the request of W. F. Moenke, 1416 Downing Street, Denver, Colo., in connection with a proposed exploration loan of $25,000.00 under the Defense Production Act of 1950 Docket 64, and was completed July 17, 1951, by the author in the company of Messrs. W. F. Moenke, loan applicant, and O. D. Evans, geologist, U. S. Geological Survey.

ACKNOWLEDGMENTS

The applicant, W. F. Moenke, has expressed his willingness to enter into an exploration contract on a 50 percent participation basis on recommendations made by the examining team. The assistance rendered by him in providing information on previous operations and accompanying the examiners on their field inspection is gratefully acknowledged.

LOCATION, TOPOGRAPHY, AND PHYSICAL FEATURES

The Carbonate group of unpatented mining claims is on the west slope of Bald Mountain, in sec. 3, T. 7 S., R. 77 W., Minnesota and Breckenridge Mining Districts, Summit County, Colo., (fig. 1) at altitudes ranging from 11,800 to 12,400 feet above sea level. The approach is over 6 miles of rough and winding ore haul road from Breckenridge, Colo. The mine is 90 miles from Denver and 45 miles from Leadville,

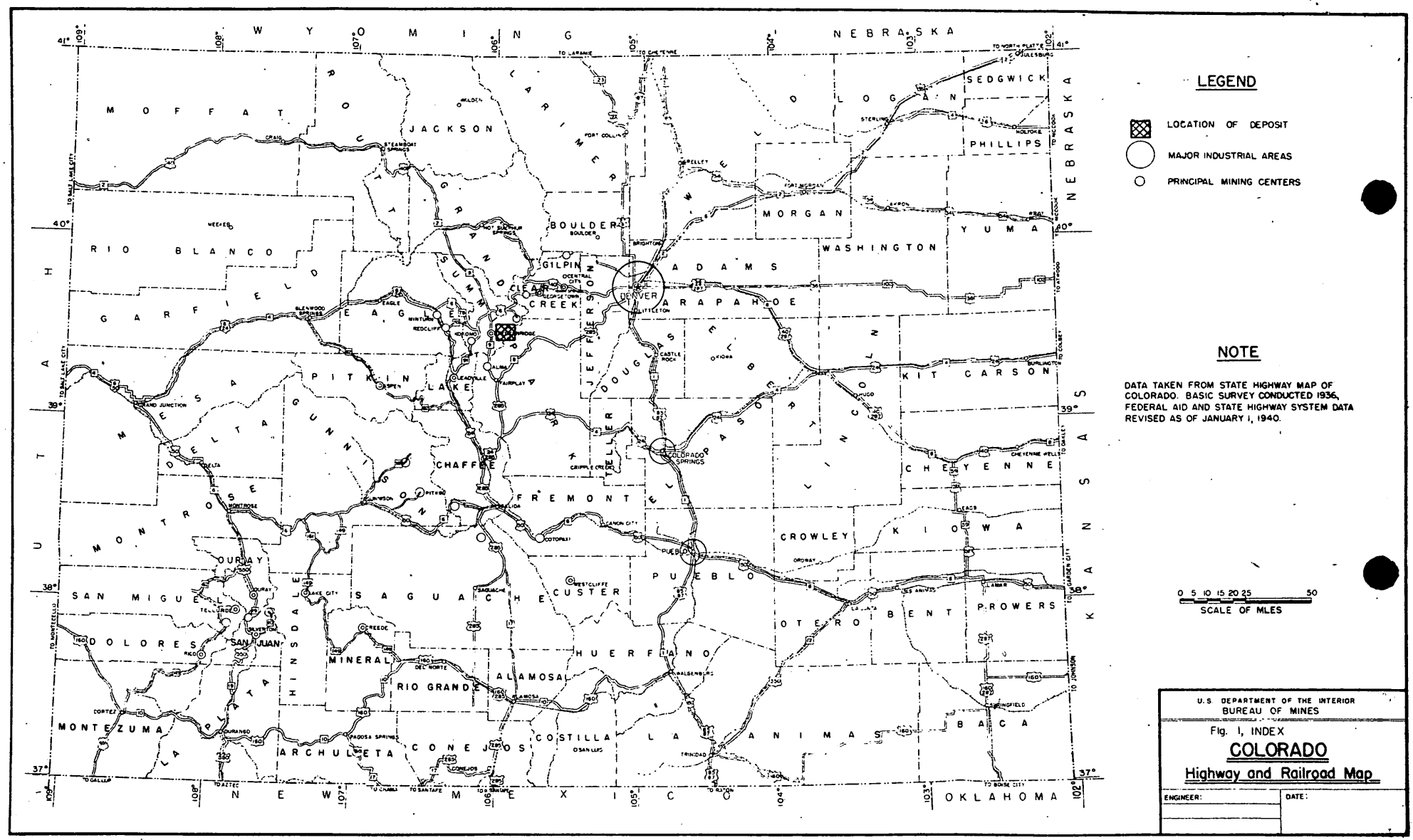


Fig. 1 - LOCATION MAP, CARBONATE MINE, SUMMIT COUNTY, COLORADO. (DMA-64)

the site of the American Smelting and Refining Company smelter facilities and the custom mill of the Resurrection Mining Company.

Mine timber is obtainable locally in Breckenridge. Water for mine operations and domestic use is obtainable from springs. Year 'round mining operations can be maintained with difficulty by the use of a 3,000 foot aerial tramway to the exposed mine workings. It will require considerable rehabilitation.

Mining equipment and supplies are obtainable in Denver and the surrounding area.

Labor is obtainable locally in Breckenridge, Colo., and wages range from $1.25 to $1.65 per hour.

HISTORY AND PRODUCTION

Mining started at the Carbonate about 1890. Since then the property has operated under various leases and was known in 1906-07 as the Buckeye Mining and Milling Company, the Beaver County Mining Company, in 1909; and the North American Exploration Company, of Denver, in 1936-37.

During the period 1902-50, 1,240 tons of sorted ore were produced with an average assay of 0.41 ounce gold and 10.5 ounces silver per ton, 14.5 percent lead and 0.04 percent copper. No zinc was reported. Operations were limited to small scale leasing with a maximum production of 231 tons in 1934.

The last shipment of 6 tons of sorted ore from the Carbonate tunnel level to the American Smelting and Refining Company's smelter at Leadville on Nov. 8, 1950, assayed 0.495 ounce gold and 6.7 ounces silver per ton, 7.3 percent lead, 1.55 percent zinc, no copper, 2.46 percent iron, 1.2 percent sulphur and 42.35 percent insolubles.

During 1933-34, about 209 tons of dump screenings were shipped to Leadville and settled for 0.45 ounce gold and 3.2 ounces silver per ton, and 6.0 percent lead. Tests indicate that the ore is friable and can be concentrated by selective screening and sorting.

OWNERSHIP AND EXTENT

A group of 16 unpatented mining claims is presently controlled by the applicant, W. F. Moenke, of 1416 Downing Street, Denver, Colo., under "Agreement to Purchase" instruments dated Aug. 1, 1947; May 16, 1948; and June 9, 1948. The above agreements were extended for an additional 5 years on Nov. 11, 1950, April 30, 1951, and May 1, 1951, respectively.

Three-sixths undivided interest in the property is owned by C. E. Moon of Las Vegas, Nevada; two-sixths undivided interest by A. E. Stephenson and V. E. Pike, of Denver, Colo., and one-sixth undivided interest by E. A. Stephenson, of Denver, Colo. Total purchase price will vary between $6,200.00 and $10,600.00, depending on date of purchase. Royalties of 20 percent on all production are stipulated for five-sixths of the ownership and 10 percent on the remaining one-sixth ownership. All royalties will apply towards the purchase price.

The claims under consideration are the Carbonates No. 1 to 6, inclusive; the Little Tommie No. 1 to 4, inclusive; the Doubtful; Highland Mary; Gold King: Gold Nugget; New Era; and New Era No. 1; recorded in Summit County record books 10, 15, 16, 17, and 20, at Breckenridge, Colo.

DESCRIPTION OF THE DEPOSITS

The deposits are lenticular bodies of lead and zinc carbonates grading into sulphides and containing minor amounts of gold, silver, and copper occurring along a fault and shear zone.

Present development on the Carbonate adit level (alt. 12,150 feet) exposed one lenticular ore body, almost completely mined, which produced by sorting about 1,000 tons of commercial grade ore assaying 0.4 ounce gold and 10 ounces silver per ton, 14 percent lead and 1.5 percent zinc. This ore body, outlined in the section A'-A", figure 2, is structurally firm, though softer than the enclosing, strong, monzonite porphyry walls which dip between 70 and 80 degrees to the northwest.

The character of the walls, steep dips, and limited extent of the ore bodies and their proximity to the surface make the advisable method of mining open stull stoping with outside sorting.

Potential ore bodies are inferred to exist under other erosional depressions at the surface and can be assumed to have the same physical characteristics.

SAMPLING

Four character samples were taken at the Carbonate adit level and are located and tabulated on figure 2. They are not applied to reserve estimates, as production statistics are a more reliable guide.

Sample H-509 was taken from a vein crossing the main fissure and adit, 10 feet from the present face of the Carbonate drift, and over a thickness of 0.8 foot.

Sample H-510 was taken across the Carbonate vein at the end of present development in the Carbonate adit, and over a thickness of 0.6 foot.

Sample H-511 was taken across a heavy red and black-stained portion of the Carbonate vein, 0.7 foot thick.

Sample H-512 is a grab sample of the dump at the portal of the Carbonate adit.

MINABLE ORE RESERVES

Ore reserves are calculable only in the vicinity of the Carbonate adit and on the Carbonate claims Nos. 1, 2, 3, 4, and 5 (fig. 2). Vein structure is exposed in the adit and as traces on the surface where erosion has developed prominent depressions along the soft, mineralized portions of fissures, corresponding roughly to the limits of Carbonate ore bodies and vein which are softer than the enclosing monzonite porphyry country rock.

No measurable ore reserves could be estimated.

Indicated reserves for the ore body "A", developed and almost completely extracted in the Carbonate adit, are estimated at 500 tons of ore existing as stope remnants, dump sorting, and the downward extension of the ore body, and assay about the same as previous sorted production, or 0.4 ounce gold and 10 ounces silver per ton, 14 percent lead and 1.5 percent zinc, with a trace of copper.

Ore reserves beyond this location are inferred from the prominent slump zones at the surface, figure 2. The present face of the Carbonate adit appears as a "pinch", and extension of the drift may develop a lenticular ore body "B" similar to that previously mined

and of about the same extent. Inferred reserves on the extension of the Carbonate adit are estimated as between 1,500 and 2,000 tons of ore assaying about 0.4 ounce gold and 10 ounces silver per tom, 14 percent lead, 1.0 percent zinc, and a trace of copper.

Inferred reserves for the slump area "C" to the north are estimated at 3,000 to 5,000 tons of ore assaying the same as above.

No reserves are estimated for slump area "D".

Total reserves under present conditions for the three slump areas "A", "B", and "C" are estimated as between 5,000 and 7,000 tons of ore assaying 0.4 ounce gold and 10 ounces silver per ton, 14 percent lead, 1.0 percent zinc, and a trace of copper.

The grade assigned to the reserves is estimated as the same as the 1,000 tons of ore produced by sorting from the stope above the Carbonate adit in area "A".

PRESENT STATUS

At present all mine workings except the Carbonate adit are inaccessible. This level is developed by 100 feet of crosscut and 500 feet of drift along the Carbonate vein at an altitude of 12,150 feet (fig. 2).

The Carbonate adit is connected to an ore bin by 3,000 feet of aerial tramway with two 800-pound gravity buckets. The tramway will require considerable rehabilitation for efficient operation.

At the portal of the Carbonate adit are a small bunkhouse and tool shed which can serve as a change house for a small crew. The adit is equipped with air line, but there is no compressor or drills, and very few small tools.

All previous operations were on a small, leasing basis and hand-sorted ores were shipped to the American Smelting and Refining Company smelter at Leadville, Colo.

PROJECT PROPOSALS, WITH COSTS

The project as outlined by the applicant is purely exploration on the supposition that ore bodies of commercial grade exist under the prominent surface depressions "B", "C", and "D", similar to that over the known ore body developed in the Carbonate adit which appears outlined at the surface as slump area "A"; all are shown on figure 2. Details of the project, as outlined on the maps submitted with the exploration loan application and combined in the accompanying map, are estimated to cost as follows:

(1) Drift along the fissure exposed in the Carbonate adit to develop the fissure extension outlined by the slump area "B":

500 feet of drift at $30.00 per foot $15,000.00

(2) About 100 feet of crosscut from the Carbonate adit north, to explore the area outlined by the adjacent slump area "C":

100 feet of crosscut at $30.00 per foot $3,000.00

(3) About 280 feet of drift from the above crosscut and along the fissure indicated by the slump area "C":

280 feet of crosscut at $30.00 per foot $8,400.00

(4) About 100 feet of exploration raise divided between the slump areas "B" and "C":

100 feet of raise at $25.00 per foot $2,500.00

$28,900.00

No underground exploration is contemplated for slump area "D" at this time.

Total cost of proposed exploration is estimated by the examining engineer at $28,900.00 instead of the $25,000.00 estimated by the applicant, W. F. Moenke.

The applicant estimates two months as necessary to develop ore on a production basis of 5 to 10 tons per day, with full production of 25 to 50 tons per day in 90 days. The examining engineer estimates a minimum of five months as necessary to complete the exploration program.

The following alternate preliminary program agreed to by the applicant is recommended by the examining engineer, with cost estimates as shown:

(1) Stripping slump areas "B", "C", and "D" by bulldozer is estimated to require about 25 days:	
Bulldozing, 25 days at $100.00 per day	$2,500.00
(2) One hundred feet of shallow winzing or test pitting in the bulldozer trenches:	
Winzing and test pitting 100 feet at $5.00 per foot	500.00
Total estimated cost, including sampling and assaying	$3,000.00

PRODUCTION PLAN

Production and operating plans are vague at present since they are dependent on potential ore reserves not yet proven.

The applicant plans to establish exploration and mining as a locally financed venture in the near future. He estimates two months as necessary to develop ore on a production basis of 5 to 10 tons per day, with full production of 25 to 50 tons per day in 90 days. Maximum production is estimated at 100 tons per day. These estimates are based on potential ore reserves now inferred. Detailed estimates are considered premature and are not warranted at this stage of exploration with ore reserves almost entirely in the inferred state.

SUMMARY: COST OF PROJECT

Cost of proposed preliminary surface exploration	$3,000.00
Cost of applicant's proposed exploration program	$28,900.00

Ore reserves estimated as between 5,000 and 7,000 tons, assaying 0.4 ounce gold and 10 ounces silver per ton, 14 percent lead. Assume an average of 6,000 tons.

Gross smelter returns		Per ton
Gold	0.4 x $31.82	$12.73
Silver	9 x $0.90	8.10
Lead	0.1125 x 2000 x $0.14	31.50
Gross smelter returns		$52.33

Net smelter returns		Per ton
Gross smelter returns		$52.33
Smelter base charge	$9.00	
Transportation	5.00	14.00
Net smelter returns		$38.33

Charges against gross smelter returns	Per ton
Smelter base charge	$ 9.00
Transportation	5.00
Mining (includes equipment rentals, repairs to tramway, road maintenance, etc.)	10.00
Royalties - 20% of gross smelter returns	10.47
Miscellaneous	1.00
Total estimated charges, not including retirement of exploration loan	$35.47

Net profit, exclusive of retirement of the government's participating 50 percent loan:	Per ton
Gross smelter returns	$52.33
Charges, total	35.47
Net profit	$16.86

The government's participating half of the loan, assuming both surface exploration recommendations at $3,000.00 and the proposed underground exploration at $28,900.00 are acceptable, would be a total of $15,950.00. Repayment would be at the maximum rate of 5 percent of $38.33, the net smelter returns, or $1.92 per ton.

CONCLUSIONS

There are no measurable ore reserves, and indicated reserves of 500 tons appear only as stope remnants, dump sorting, and the downward extension of the ore body exposed in the Carbonate adit.

The future of the property is dependent on finding and mining commercial grade lead-silver-gold ore bodies along fault and fracture zones whose surface trace appears as prominent erosional depressions over ore and vein filling which is considerably softer than the enclosing monzonite porphyry country rock.

The same type of depression is prominent over ore body "A" exposed in the Carbonate adit. These depressions appear as the only visible clue to possible ore extensions, and the character of the ore is assumed as comparable to that already mined.

Exploration is, therefore, dependent purely on geologic inference and comparison.

This Carbonate mine will be a small producer with development of ore reserves ahead of mining an ever present and serious problem.

RECOMMENDATIONS

As an encouragement to this small scale but contributing enterprise, stripping of vein slump areas "B", "C", and "D" by bulldozer to expose the vein structure for examination and sampling, with supplemental shallow winzing and test pitting in the more favorable zones, is recommended at a cost of approximately $3,000.00 to secure information on the character and extent of potential ore bodies and should be the basis of any further exploration recommendations.

The loan for the proposed underground exploration is, therefore, not recommended until the above-surface exploration is comleted as justification for the more extensive underground program.

Diamond drilling in the upper Carbonate zone is not recommended, as core recovery would undoubtedly be poor.

FILE COPY
SUBNAME: 500

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

JUL 3 - 1952

Mr. W. H. King
Executive Officer, Region IV
DMEA Field Team
224 New Customhouse Building
Denver 2, Colorado

Re: Docket No. DMEA - 64 (Lead-Zinc)
W. F. Moenke

Dear Mr. King:

We are enclosing the original and five copies of the above contract, together with Appendix I (1 page), Exhibit "A" (1 page), Landlord's Subordination Agreement and one map.

The application and field team report were reviewed by the Commodity Group here in Washington. As a result of this review, the Commodity Group has agreed on an exploration project in the amount of $3,000. Although this application was made out on January 15, 1951, it has not been possible to process it more expediently because of the delay in obtaining the necessary Landlord's Subordination Agreements. These documents were finally received by this Agency on June 9, 1952.

This project falls within your delegated authority, however, we have prepared a contract in this office in order to expedite its completion. If this contract meets with your approval, kindly sign it under your delegated authority and present it to the applicant for approval and signature. When completed, distribute in the usual manner.

It will be necessary to insert in the contract in the space provided under Article 3, the number of days from the date of the contract in which work shall commence.

If the proposed contract is not satisfactory to you or to the applicant, it is suggested that you process another contract under your delegated authority.

Sincerely yours,
(signed) FRANK E. JOHNSON
Chairman, Operating Committee
Defense Minerals Exploration Administration

JWAlt/mb
6/30/52
cc to: Docket
Adm. R. File
Opp. Comm.
Mr. Keller
Mr. Alt
Mr. McKnight
Mr. Bishop
Region IV

Enclosures-6
APPROVED:
(HB) J. H. Hedges
Member, Bureau of Mines

D. M. Lemmon
Member, Geological Survey

EXPLORATION PROJECT CONTRACT
W. F. MOENKE
DOCKET NO. DMEA-64

EXHIBIT "A"

Description of the Work

The vein slump areas, identified as B, C and D on the attached map (Fig. 2) shall be stripped by bulldozer to expose the vein structure for examination and sampling. Sampling and assaying shall be done in connection with this work.

Shallow winzing and test pitting shall be done in the most favorable areas exposed by stripping. Sampling and assaying shall be done in connection with this work.

The location, direction and extent of all work, including the sampling and assaying, shall be subject to the approval of the Government.

Estimated Costs of the Project

1.	Stripping vein slump areas B, C, and D by bulldozer, 25 days at $100.00 per day	$2,500.00
2.	100 feet of shallow winzing and test pitting at $5.00 per foot	500.00
	Total estimated cost of project	$3,000.00
	Government participation @ 50 percent	$1,500.00

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 9 1952

Denver18,Colorado
1416 Downing st.
June 7,1952

Mr. D.E.Moulds,Chief
Metals Division
Defense Minerals Exploration
Administration
Washington 25 D.C.

Dear Mr. Moulds: Re: Docket NO.Dmea 64

I am enclosing six copies of Landlord's Subordination Agreement on the Carbonate of mining claims in Summit county,Colorado.

Your letter of May 16th.,1952 called my attention about this matter.

The snow is going fast in the high mountains and will allow operations to start very shortly.

Very truly yours,

W.F.Moenke

FILE COPY
SURNAME:

Moulds

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

MAY 16 1952

Mr. W. F. Moenke
1416 Downing Street
Denver 18, Colorado

Re: Docket No. DMEA 64

Dear Mr. Moenke:

Under date of January 31, 1952, a letter was sent to you by this office requesting Landlord's Subordination Agreements which are necessary to process your application for exploration project assistance in Summit County, Colorado. We have not, to date, received the data requested or a reply to our letter.

We understand that you have experienced an unusually severe winter and undoubtedly snow has prevented actual work on the property. We, therefore, desire to cooperate with you in allowing ample time to secure the requested subordination agreements.

In view of the elapsed time, however, we will appreciate receipt of the requested agreements or information as to your plans for the exploration within thirty days, or we will necessarily assume you are no longer interested in exploration assistance for your project, and will consider your application closed.

Sincerely yours,

D. E. Moulds (mef) ce 5/16

D. E. Moulds, Chief
Base Metals Division
Administration

DEMoulds/hmj
5-16-52
CC to: Adm. Reading File
Docket File Copy
Region IV
Mr. Moulds

FILE COPY
SURNAME:

Moulds

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

JAN 31 1952

Mr. W. F. Moenke
1416 Downing Street
Denver 18, Colorado

Re: Docket No. DMA 64

Dear Mr. Moenke:

We acknowledge receipt of your letter of January 26th, in reference to the subject docket and in reply to my letter of January 9, 1952.

In a previous letter of September 12th sent to you over the signature of Mr. T. P. Billings, you were requested to submit six copies of Landlord's Subordination Agreement executed by the owner of the Carbonate Group and on the forms enclosed with this letter so that your contract could be completed.

It will be necessary that a contract covering the expense of bulldozing, winzing, and test pitting be approved by the Government and signed by you before the Government will participate in any of the costs of the work you have in mind. Drawing up of this contract cannot be done until the Landlord's Subordination Agreements are received, and we, therefore, advise you to secure the requested agreements and transmit them to this office as soon as possible so that your contract may be prepared and signed by you in ample time to permit the work to be started as you now plan.

Sincerely yours,

D. E. Moulds (meh)

D. E. Moulds, Acting Chief
Base Metals Division
Defense Minerals Exploration
Administration

DEMoulds/meh
1/30/52
cc to: Adm. R. File
Mails and Files
Mr. Moulds
Mr. Bishop
Mr. McKnight
Region IV (2)

1-31
J.O.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 29 1952

Denver 18, Colorado
1416 Downing st.
Jan. 26, 1952

Mr. D.E. Moulds, Acting Chief
Base Metals Division
Defense Minerals Exploration Administration
Washington 25, D.C.

Dear Mr. Moulds:

Re: Docket No. DMA-64

I have your letter of Jan. 9th, 1952 in which you inquire about the aid I requested in 1951.

In letter dated Sept 12, 1951 I received a letter from Mr. T.P. Billings, Chief Lead-Zinc bRanch ad vising me that certain surface work was recommended. I was told by telephone from your local office just what work I was to do. Immediately I tried to get this work done which consisted of bulldozing certain indications of veins. The party I had engaged for this work was busy for a few weeks with his equipment and by the time he was ready a good foot of snow had fallen on the ground. Being at timber line and with large drifts on the road leading to the property it was impossible to do any of this work until this comung May.

I will appreciate if you will matters stand as they are and I shall do this work just as soon as snow conditions will permit.

Very truly yours

W F Moenke

W.F. Moenke

FILE COPY
SURNAME:

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

500

J.W.A.
Minerals
Mitt

JAN 9 1952

Mr. W. F. Moenke
1416 Downing Street
Denver 3, Colorado

Re: Docket No. DMA-64

Dear Mr. Moenke:

A review of the Defense Minerals Administration files indicates that on September 12, 1951, a letter over the signature of T. P. Billings, Chief, Lead-Zinc Branch, was mailed to you relative to your application for aid in a Defense Exploration Project.

In order that we may determine the status of your application, we will appreciate receipt at your earliest convenience, of the requested information or your request to withdraw the application in the event you do not desire the exploration assistance under the requirements of Mineral Order 5, a copy of which is enclosed for your information.

Sincerely yours,

Signed B.W. 1-9-52

D. E. Moulds, Acting Chief
Base Metals Division
Defense Minerals Exploration
Administration

Enclosure - 1

JAlt:mp
1/7/52
cc: Adm. Reading File
Mails and Files
Docket
Mr. Mittendorf
Mr. Moulds
Mr. Alt
Field Team, Region II (2)

FILE COPY
SURNAME:
350

Newcomb (ETM)
McKnight
Bishop

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

SEP 12 1951

Re: DMA-64

Q.E.C.

Mr. W. Moenke
1416 Downing Street
Denver 3, Colorado

Dear Mr. Moenke:

The Lead-Zinc Branch of the Defense Minerals Administration has reviewed your application for an exploration loan. The field report on your property has been received and we are considering for recommendation the surface exploration outlined to you by our field representatives. Details of the underground exploration you plan to undertake should be based upon the results of the surface exploration. This surface work, if successful, would be the basis for preparing a new application for exploration aid on your underground project, which can be considered at the appropriate time.

It is necessary for you to submit six copies of MF-202, "Landlord's Subordination Agreement", seven copies of which are enclosed.

Very truly yours,

JF 9/12

T. P. Billings, Chief
Lead-Zinc Branch

Enclosures 7
ELNewcomb:emp
G 9-10-51
Copies to: J. H. East, Jr. Region IV (2)
Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
R. H. Mote
Directors r. files 4214 GSA
Br. r. files 4214 GSA
Administrators r. file
DMA docket files

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 64

To: Production Expansion Division

Commodity Lead, zinc

From: Director, Supply Division

Total Amount $25,000 requested ~~$ 3,000 recommended~~

Govt. Participation 50%-$1500

1. Name and Address of Applicant W. F. Moenke, 1416 Downing Street, Denver 3, Colorado

2. Location of Property Breckenridge District, Summit County, Colorado (5 miles SE from Breckenridge, Colorado See Colorado Geol. Surv. of unpatented Mining Claims on sec 3, T. 7 S., R. 77 W.

3. Mineral or metal ~~Lead, zinc~~ 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 ~~Yes, see field term report~~

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 (question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? Yes

Does the lease have sufficient time to run to cover a future productive period? Yes

*question numbers are those of MF-103

7. Are subordination agreements necessary? Yes

a) MF-201? _____

b) MF-202 ~~Yes, letter sent requesting these forms~~

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 Yes
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Yes

e) Power (question 13)* Yes

Is a field check needed on any of these points? No

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? Yes

If not, are there sufficient data given so that you can describe the project? _____ If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? Yes

See field report

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?_____ If so, attach a draft. See attached draft.

e) Are the cost estimates reasonable? Yes

f) Should more information be requested from applicant? No

g) Is a field examination necessary to complete Exhibit A? No

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?_____

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? No

b) Sufficient data?_____ If so, attach a draft.

c) Are rents and charges reasonable?_____

d) Is a field check needed?_____

13. Exhibit D (question 23-a, b)* Not applicable

a) Are there sufficient data?_____

b) Is the schedule adequate for the work proposed?_____

c) Is the schedule excessive for the work proposed?_____

d) Are the proposed wages and salaries reasonable?_____

e) Is a field check needed? No

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: C. L. Newcomb 6-12-52
~~E. L. Newcomb~~ CS

O. M. Bishop, USBM 6/12/52

Returned herewith:

2 Field team reports
4 Agreements to purchase
1 NSRB-146 and accompanying report
3 Maps

Date ~~9-7-51~~

INT.-DUP. SEC., WASH., D.C. 99009

McKnight 6/5/51
Bishop

SEP 13 1951

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 64

To: Production Expansion Division

Commodity Lead, zinc

From: Director, Supply Division

Total Amount $25,000 requested $ 3,000 recommended

Govt. Participation 50%-$1500

1. Name and Address of Applicant W. F. Moenke, 1416 Downing Street, Denver 3, Colorado

2. Location of Property Breckenridge District, Summit County, Colorado (5 miles SE from Breckenridge, Colorado

3. Mineral or metal Lead, zinc 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 Yes, see field team report

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 (question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? Yes

Does the lease have sufficient time to run to cover a future productive period? Yes

*question numbers are those of MF-103

7. Are subordination agreements necessary? Yes

a) MF-201? _____

b) MF-202 Yes, letter sent requesting these forms

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 Yes
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Yes

e) Power (question 13)* Yes

Is a field check needed on any of these points? No

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? Yes

If not, are there sufficient data given so that you can describe the project? _____ If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? Yes

See field report

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Yes

If not, what part of it is? _____

_____

_____

_____

EXHIBIT "A"

Exploration project

Stripping of vein slump areas by bulldozer to expose the vein structure for examination and sampling, with supplemental shallow winzing and test pitting in the more favorable zones. (Work outlined is at B. C. and D on field team map).

Estimate of costs:

Bulldozing, 25 days at $100/day.....	$ 2,500
Winzing and test pitting, 100 ft. at $5/ft.....	500
Total estimated cost..... (including sampling and assaying)	3,000

Fixtures and improvements

None

Operating equipment

Bulldozing, 25 days at $100/day.....	2,500

Labor and supervision

Bulldozing, by contract work
Winzing and test pitting by contract work

Rehabilitation and repairs

None

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?_____ If so, attach a draft. See attached draft, Exhibit A

e) Are the cost estimates reasonable? Yes

f) Should more information be requested from applicant? No

g) Is a field examination necessary to complete Exhibit A? No

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?_____

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? No

b) Sufficient data?_____ If so, attach a draft.

c) Are rents and charges reasonable?_____

d) Is a field check needed?_____

13. Exhibit D (question 23-a, b)* Not applicable

a) Are there sufficient data?_____

b) Is the schedule adequate for the work proposed?_____

c) Is the schedule excessive for the work proposed?_____

d) Are the proposed wages and salaries reasonable?_____

e) Is a field check needed? No

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.
Recommended for approval as presented by field team.

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: E. L. Newcomb GS

E. L. Newcomb 6-12-52

Date 9-7-51

Returned herewith:

2 Field team reports
4 Agreements to purchase
1 NSRB-146 and accompanying report
3 Maps

Approved
Tom Lyon

I concur in approval
O M Bishop, USBM. 6/12/52

INT.-DUP. SEC., WASH., D.C. 99009

REGIONAL DIRECTOR'S OFFICE
REGION IV
JUN 4 - 1951
BUREAU OF MINES
DENVER, COLORADO

Denver3,Colorado
1416Downing st.
June 4th.,1951

Mr. J.H.East,Jr. Regional Dir.
Bureau of mines
224 New Custom Bldg.
Denver2,Colorado

Dear Mr. East:

This is additional information on Form MF-1o3.All questions have been answered by my application,DMA 64,excepting the title to the property.

I am attaching photostatic copies of my agreements with the property owners for additional information.

I have been advised by your mining engineer,Mr.Traber that he will examine the property as soon as I am ready to take him to the property which will be very shortly.

I am delivering four copies of this letter attached to Form MF-103.

Yours very truly,

W.F.Moenke

W.F.Moenke

ATE

Traber

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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. .....

Date received .....

Participation .....

Mr.J.H.East,Jr. Regional Director
224 New Custom House
Denver2,Colorado

Name and address of applicant
W.F.Moenke,1416 Downing st
Denver3,Colorado

Date

FILL IN THIS BLOCK

Date of application Nov.14,1950 Jan.15,1951

Estimated cost $25,000

Mineral or metal Lead and Zinc

Percentage of Government participation 50%

Location of mine Carbonate mine near Breckenridge,Summit Co. Colorado

Date of filing MF-100 .....

DMA Docket Number, if available DMA 64

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?
*2. If a partnership, state names and addresses of partners.
*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.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
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 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)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

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 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:

	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 ----------
(Name of company) (Signature of authorized official)

---------- ----------
(Date) (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

W.F.Moenke,Denver3,Colo.

AGREEMENT TO PURCHASE

This Agreement made and entered into this first day of August,1947,by and between Clarence E. Moon of Las Vegas, Nevada,hereinafter called First Party and W.F.Moenke of Denver,Colorado,hereinafter called Second Party

WITNESSETH:

Whereas First Party is the owner of One-half undivided interest in and to the Carbonate group of mining claims,situated in the Minnesota mining d istrict on the west slope of Mt. Baldy near Breckenridge,Summit county, Colorado and more particularly described as follows:

Name of lode mining claim	Summit county records Book	Page
Carbonate,also called Carbonate #1	15	296
Carbonate #2	17	106
Carbonate #3	16	363
Carbonate #4	16	364
Carbonate #5	20	444
Carbonate #6	20	445
Little Tommie #1	10	450
Little Tommie #2	10	450
Little Tommie #3	10	451
Little Tommie #4	10	451
Doubtful	16	228
Highland Mary	10	449
Gold King	10	449
Gold nugget	10	543
New Era	16	210
New Era #1	16	211

and Whereas,First Party is desirous of selling said described property to Second Party,

Now,Therefore, it is understood and agreed by and between both Parties hereto,that First Party in consideration of the covenants and promises to be performed by Second Party and in further consideration of one dollar in hand paid First Party by Second Party,receipt of which is hereby acknowledged,does by these presents agree to sell said described Carbonate mining property to Second Party upon the following conditions and terms:

Total purchase price to be $3000.00 if paid on or before August 1st.,1948 ; $3500.00 if paid On or before August 1st., 1949 ; $4000.00 if paid on or before August 1st.,1950; $4500.00 if paid on or before August 1st.,1951; $5000.00 if paid on or before August 1st.,1952.

Second Party shall pay First Party 20 per cent of all royalties on ores mined and sold from said property, said royalties to apply toward purchase price as shown above and to be paid monthly.Upon completion of purchase said royalties shall cease and First Party shall execute and deliver to Second Party a sufficient mining deed,free and clear of all debts and encumbrances.

This agreement and terms and provisions thereof,shall inure to the benefit of,and be binding upon,the parties hereto,their heirs,executors,administrators,successors and assigns.

In witness whereof,the parties hereto have executed this agreement in duplicate as of the day and year first above written.

W F Moenke
Second Party

Clarence E Moon
First Party

Denver3,Colorado
1416 Downing st.
Nov.11,1950

Mr. Clarence E.Moon
1028 Mesquite St.
Las Vegas
Nevada

Dear Mr. Moon

On August 1,1947,you,as the owner of a one half undivided interest in the Carbonate group of mining claims located near Breckenridge,Colorado and I,as the purchaser ofsaid group of mining claims over a period of five years,signed an "Agreement to Purchase, dated August 1st.1947.

I am requesting that you agree to extend the payments another five years as follows:

Total purchase price
$5500 if paid on or before August 1st,1953
$6000 " " " " " " ", 1954
$6500 " " " " " " ",1955
$7000 " " " " " " ",1956
$7500 " " " " " " ",1957

All other terms and covenants to remain as in the original "Agreement to Purchase,dated August 1st,1947

If the above meets with your approval,kindly sign in space provided below.

Yours very truly
W.F.Moenke
W.F.Moenke

Approved:
Clarence E. Moon
****
Clarence E.Moon

LETTER WITH JOH...
Clarence

W.F.Moenke, Denver3, Colo.

AGREEMENT TO PURCHASE

This AGREEMENT TO PURCHASE Made and entered into this sixteenth day of May, 1948, by and between Albert E.Stephenson and Vera S.Pike, both of Denver, Colorado, hereinafter called First Party and W.F.Moenke of Denver, Colorado, hereinafter called Second Party

WITNESSETH:

Whereas First Party is the owner of two sixths undivided interest in and to the Carbonate group of mining claims, situated in the Minnesota mining district on the west slope of Mt. Baldy near Breckenridge, Colorado, in Summit County, and more particularly described as follows:

Name of lode mining claim -	---Summit county records Book	Page
Carbonate, also called Carbonate #1	15	296
Carbonate #2	17	106
Carbonate #3	16	363
Carbonate #4	16	364
Carbonate #5	20	444
Carbonate #6	20	445
Little Tommie #1	10	450
Little Tommie #2	10	450
Little Tommie #3	10	451
Little Tommie #4	10	451
Doubtful	16	228
Highland Mary	10	449
Gold King	10	448
Gold Nugget	10	543
New Era	16	210
New Era #1	16	211

and Wheras First Party is desirous of selling said undivided interest in above described property to Second Party

Now, Therefore, it is understood and agreed by and between both Parties hereto, that First Party in consideration of the covenants and promises to be performed by Second Party and in further consideration of one dollar in hand paid First Party by Second Party, receipt of which is hereby acknowledged, does by these presents agree to sell said two sixths undivided interest in above described property to Second Party upon the following conditions and terms: Total purchase price to be $2000.00 if paid or before May 16th.1949; $2400.00 if paid on or before May 16th., 1950; $2800.00 if paid on or before May 16th., 1951; $3200.00 if paid on or before May 16th., 1952; $3600.00 if paid on or before May 16th., 1953..

Second Party shall pay First Party twenty per cent of all royalties on ores mined and sold from said property, said royalties to apply towards purchase price as shown above and to be paid monthly. Upon completion of purchase said royalties shall cease and First Party shall execute a sufficient mining deed, free and clear of all debts and encumbrances.

This Agreement and terms and provisions thereof, shall inure to the benefit of, and be binding upon, the Parties hereto, their heirs, executors, administrators, successors and assigns.

In witness whereof, the parties hereto, have executed this agreement in duplicate as of the day and year first above written.

Second Party

W F Moenke

First Party

Vera S. Pike

Albert E. Stephenson

R I D E R

IT IS HEREBY MUTUALLY AGREED by and between the parties hereto that this Rider shall become part and parcel of the attached Contract as if set forth therein.

IT IS FURTHER MUTUALLY AGREED that Party of the Second Part will perform a minimum of four hundred (400) shifts per year upon the Mining Claims described in said Agreement to Purchase, and will pay to Party of the First Part a minimum of Two Hundred Dollars ($200.00) within one (1) year from date hereof if said Option to Purchase is not exercised, and likewise, a further Two Hundred Dollars ($200.00) each year that said option is not exercised, which payments shall not apply toward said purchase price.

Albert E. Dickerson
Vera L. Pike
First Party

W. F. Moeuke
Second Party

Denver3,Colorado
1416 Downing st.
April 30,1951

Mr. Albert E.Stephenson
Mrs. Vera s.Pike
Denver,Colorado

Dear sir and Madam:

On May 16th.1948,you,as owner of two sixths undivided interest in the Carbonate group of mining claims located near Breckenridge, Colorado and I,as purchaser of said group of mining claims,signed an "Agreement to Purchase",dated May 16, 1948.

I am requesting that you agree to extend the payments as follows:

$4000	if	paid	on	or	before	May	16,1954
$4400	"	"	"	"	"	"	,1955
$4800	"	"	"	"	"	"	,1956
$5200	"	"	"	"	"	"	,1957
$5600	"	"	"	"	"	"	,1958
$6000	"	"	"	"	"	"	,1959
$6400	"	"	"	"	"	"	,1960
$6800	"	"	"	"	"	"	,1961

All other terms and covenants to remain as in the original "Agreement to Purchase",dated May 16th.,1948.

If the above meets with your approval,kndly sign in space provided below.

Yours very truly,

W.F.Moenke

Approved:

Albert E. Stephenson

Albert E.Stephenson

Vera S. Pike

Vera S.Pike

/

W.F.Moenke,Denver3,Colo.

* OPTION TO PURCHASE *

This OPTION TO PURCHASE,made and entered into this 9th. day June,1948,A.D.,by and between Earl A.Stephenson,Denver,Colorado, hereinafter called First Party and W.F.Moenke,Denver,Colorado, hereinafter called Second Party

WITNESSETH,

Whereas First Party is the owner of one-sixth undivided interest in and to the Carbonate group of mining claims, situated in Minnesota mining district on the west slope of MT.Baldy near Breckenridge in Summit county,Colorado,and more particularly described as follows:

Name of claim	Summit county record	
	Book	Page
Carbonate,also called Carbonate #1	15	296
Carbonate #2	17	106
Carbonate #3	16	363
Carbonate #4	16	364
Carbonate #5	20	444
Carbonate #6	20	445
Little Tommie #1	10	450
Little Tommie #2	10	450
Little Tommie #3	10	451
Little Tommie #4	10	451
Doubtful	16	228
Highland Mary	10	449
Gold King	10	448
Gold Nugget	10	543
New Era	16	210
New Era #1	16	211

and whereas First Party is desirous of selling said one-sixth undivided interest in the above described property to Second Party

Now,Therefore,it is mutually understood and agreed by and between both Parties hereto,that First Party in considerations of the covenants and promises to be performed by Second Party and in further consideration of one dollar in hand paid First Party by Second Party,receipt of which is hereby acknowledged, does by these presents agree to sell said one-sixth undivided interest in above described property to Second Party upon the following conditions and terms:

$25.00 to be paid by Second Party to First Party on or before June 10,1948; $50.00 on or before July 10,1948; $125.00 on or before August 10,1948.

Total purchase price to be $1200.00 if paid on or before June 9,1949; $1400.00 if paid on or before June 9,1950; $1600.00 if paid on or before June 9,1951; $1800 if paid on or before June 9,1952; $2000.00 if paid on or before June9, 1953.

Second Party shall pay First Party ten per cent of all royalties on ores mined and sold from said property,said royalties to apply towards purchase price as shown above and to be paid monthly.Upon completion of purchase said royalties shall cease and First Party shall execute a sufficient mining deed,free and clear of all debts and encumbrances.

It is further mutually agreed that Second Party will perform a minimum of four hundred (400) shifts per year upon the above described property,and will pay to First Party a minimum of one hundred dollars ($100.00)within one year from date hereof if said option is not exercised,and likewise, a further one hundred dollars($100.00)each year that said option is not exercised,which payments shall not apply toward said purchase price.

This option and terms and provisions thereof,shall inure to the benefit of,and be binding upon,the Parties hereto,their heirs,executors,administrators,successors and assigns.

In witness whereof,the Parties hereto have executed this option in duplicate as of the day and year first above written.

W.F. Moenke
Second Party

First Party
Earl A. Stephenson

Denver3,Colorado
1416 Downing st.
May 1st.,1951

Mr. Earl A.Stephenson
Denver,Colorado

Dear Mr. Stephenson:

On June 9,1948,you,as the owner of one sixth undivided interest in the Carbonate group of mining claims located near Breckenridge, Colorado and I,as purchaser of said group of mining claims over a period of years,signed an "Agreement to Purchase",dated June 9th.,1948.

I am requesting that you extend the period of payments as follows:

$2200	if	paid	on	or	before	June	9,1954
$2400	"	"	"	"	"	"	,1955
$2600	"	"	"	"	"	"	,1956
$2800	"	"	"	"	"	"	,1957
$3000	"	"	"	"	"	"	,1958
$3200	"	"	"	"	"	"	,1959
$3400	"	"	"	"	"	"	,1960
$3600	"	"	"	"	"	"	,1961

All other terms and covenants to remain as in the original "Agreement to Purchase",dated June 9,1948

If the above request meets with your approval, kindly sign in space provided below.

Yours very truly,

W.F.Moenke

Approved:

Earl A.Stephenson

1116 Downing Street,
Denver 3, Colorado
November 16, 1950

Mr. J. E. Post, Jr.,
Regional Director
Bureau of Mines, Region IV
224 New Custom House
Denver 2, Colorado

Dear Sir:

In making application for a Government mining loan I am setting forth the following statements covering the subjects as outlined in pamphlet received from your office.

1. Name of Mine: Carbonate
   Operator: W. F. Moenke, 1116 Downing St., Denver 3, Colorado
   Previous Operators: Various lessees and former owner doing assessment work only.

2. Past Production: Prior to 1933 the former owner stated that he shipped more than $50,000 worth of ore during late 1890 to about 1910. This ore at today's prices would probably amount to more than $100,000. Since 1933 approximately 1000 tons have been shipped, an average of which is shown in the enclosed report by W. F. Moenke, E.M.

   Present rate of Production: None

   History of Property: Mining was started about 1890. The former owner stated that only assessment work was done for most of the years except for a continuous period of three years, 12 miners were employed. Since 1933 various attempts were made to operate but lack of capital allowed only enough to cover annual assessment work.

3. a. Maps with proposed work: See enclosed maps and report

   b. Major equipment available: See enclosed maps and report

   c. List of new equipment required: See mine report

   d. Present employees: None

e. Employees required: 10 to 20 men. Labor is available in Breckenridge area.

f. Ore need not be milled. Shipping ore can easily be sorted at mine.

g. At completion of proposed work 25 tons per day can reasonably be expected. This can be increased by more development as can be easily accomplished due to the general layout of the property.

h. Time required to complete the work for which loan is requested: 5 months.
Estimated time required to complete work as per item "g": 3 months.

i. Accessibility of mine: A good graded road leads from Breckenridge to the mouth of Carbonate tunnel. Also a 3000 foot aerial tram and loading terminals connect the mine to an old mill building. This aerial tram allows winter operation of the property.

j. Prices of metals necessary to operate property: Today's prices of metals are sufficient.

4. a. Measured ore: None
b. Indicated ore: 5000 tons.

c. Inferred ore: 15,000 tons above tunnel level
50,000 tons below tunnel level
(See maps and mine report by W. F. Moenke, E. M.)

5. References: See mine report

6. Mine management experience: W. F. Moenke is a graduate Mining Engineer of the University of Minnesota in 1906. 12 years with the Colorado Fuel & Iron Co., at the Sunrise Mine in Wyoming. Consulting Engineer and Geologist for various operators in the Rocky Mountain area; since 1933 actively interested in the Carbonate property.
It is intended to incorporate a company with W. F. Moenke as the operating manager.

7. Several attempts have been made to operate the Carbonate property but lack of sufficient funds has never allowed to work the mine in mineable fashion. There was always enough ore available to allow lessees and owner to pay for their required annual assessment work. No development work to open sufficient ground for a large crew of miners was ever made. As outlined on map several hundred feet of drifting, cross cutting and raising is necessary to use a crew of 15 to 20 men and produce ore in larger quantities. It is intended to develop the veins as shown on accompanying maps so that several years of supply is available, make assay maps, install a camp and with adequate machinery place the property so that 25 tons can be produced in as short a time as possible and then continue development at lower levels for increase of production.

8. No attempts at financing for the proposed work have been made.

A Government loan of $25,000 is requested.

Yours truly, W. F. Moenke

W. F. Moenke

REPORT ON THE

CARBONATE MINE

BRECKENRIDGE MINING DISTRICT

SUMMIT COUNTY, BRECKENRIDGE, COLORADO

1. LOCATION

This property is located approximately five miles by wagon road from the town of Breckenridge, Colorado. More particularly it is located on the west slope of Mt. Baldy southeasterly from the town of Breckenridge. Breckenridge is approximately 90 miles from Denver, Colorado and 45 miles from Leadville, the site of the Arkansas smelter and to which ores can be trucked over a well kept highway.

2. PROPERTY

The property consists of two adjoining groups of mining claims, located on the north and west slopes of Mt. Baldy near Breckenridge, Summit County, Colorado. Attached map shows the layout of the claims and the more important underground and surface improvements. The Carbonate group of 17 unpatented claims consist of Carbonate #1 to 6 incl., Doubtful, Gold Nugget, Gold King, Highland Mary, Little Tommie #1 to 4 incl., New Era # 1 to 3 incl.

The Golden Edge group of patented claims consists of 10 claims as follows: Golden Edge placer, Golden Edge #1 to 4 incl., Flag Staff, Black Hawk, Denver Lode, Harry S and Pony Express.

Iowa millsite with a mill building now being used as the lower terminal of a 3000 foot serial tram to the Carbonate tunnel.

A well graded road covers the property. A bunk house sufficient for 8 miners is in serviceable condition.

3. TOPOGRAPHY

The property is located at timber line but slopes are gradual and roads are easily constructed. A fair auto road runs from Breckenridge to the property. All equipment and ores can be hauled to and from the property without difficulty.

4. IMPROVEMENTS

A 30 by 70 foot mill building and a 3000 foot aerial tramway, small mine tools, cars, track in the tunnel are part of this property. Also tunnel is piped for compressed air. A 12 ton loading bin with trestle to mouth of tunnel is all available.

5. MARKET

All mining equipment and supplies are obtainable in Denver, the largest mining supply center in the world. Supplies can be transported by trucks. Ores can be trucked to Leadville smelter over state highway #91.

6. TIMBER, WATER AND POWER

Mine timber is obtainable locally and dimension lumber in Breckenridge. Water is supplied by two springs in sufficient amounts necessary for all domestic and milling purposes. Gas or Diesel power will be the most economical at the start of operations.

7. GEOLOGY

(a) BRECKENRIDGE DISTRICT - The General geology and ore deposits of the Breckenridge district are well described in U. S. Geological Survey Professional Paper #75 by F. L. Ransome (1911) who examined this district in 1909. Any one desiring more details than necessary in this report can consult the above publications in most large public libraries.

The area consists generally of precambrian granites, Triassic sandstones, shales and conglomerates, Cretaceous sandstones and shales. Monzonite porphrys and quartz monzonites were intruded in the foregoing formations as sills and dikes. Fissuring, extending in a northeasterly direction occurred while faults with northwesterly strikes developed in several locations. The faulting and fissuring is similar to the Leadville and Alma districts and no doubt were all caused by the same forces.

The ores of the Breckenridge district are similar to the Leadville and Alma ores. Practically all are found in the fissures with a northeast strike with almost vertical northwesterly or southeasterly dips. As a general rule in the Rocky mountain region ores in fissure veins change from lead to zinc in depth. Studying the ores in the entire Breckenridge district it is observed that the mines at lowest elevations contain lead, much zinc, silver and very little gold. A good example is the Wellington mine in French gulch at about 10,000 elevation and in which ores were rich in zinc and lead, fair amount of silver but practically no gold. Proceeding up hill, especially on the west slope of foot hills of Mt. Baldy, and towards the peak, one finds

ores changing gradually from much zinc, good amount of lead, fair silver and gold values to practically no zinc, increasing amounts of lead, silver and gold. It appears, that in this district, instead of having the change from lead on top to zinc below occurring in single veins, that this change is regional, i.e., the secalled zinc veins are practically all found at lower elevations between 10,000 and 11,000 feet, while strictly lead, silver and gold veins are found at 11,000 feet or over. The Carbonate group of claims is between 11,000 and 12,400 elevation.

Mining in the Rocky mountain region has generally proven that quartz monzonite porphyry is a very close associate of the ores and in many places it contains disseminated ores. The geological map accompanying the U. S. Professional Paper #75 shows that the Breckenridge district has an ample supply of monzonite and quartz monzonite porphyry.

(b) CARBONATE PROPERTY - The facts of the general description of the Breckenridge district apply to the Carbonate group of claims. More specific geological and other conditions are revealed on drawings with this report. The formations on the Carbonate property from west to east are the Triassic and Dakota sedimentaries dipping 15 degrees east and striking almost due north and south. There is a granite plug about a mile west while the major portion of the area to the east is composed of monzonite intruded by sills of quartz monzonite porphyry.

8. DESCRIPTION OF WORKINGS

There are two major openings on the Carbonate property - the Little Tommie and the Carbonate tunnels.

(a) Little Tommie tunnel - The Little Tommie tunnel, 600 feet lower in elevation than the Carbonate tunnel, extends 400 feet in length, driven in an easterly direction in the Dakota quartzite beds which dip 15 degrees under the monzonite porphyry, commonly called diorite. The Dakota quartzite bed is approximately 250 feet in thickness. It consists of 250 feet of yellowish quartzite overlain by 100 feet of compact limy shales. The brittle quartzite has been shattered causing many small seams as well as some large fractures. Solutions which caused mineralization in this district permeated the quartzite and deposited gold, silver, lead sulphides and iron pyrite. Surface waters oxidized the pyrite to limonite which gave the quartzite the yellow color existing today. The oxidation of the Pyrite released the gold usually found with pyrite causing it to be found as free gold. Lead sulphides are changed to lead carbonate while much of the original silver is dissolved and precipitated at water level. Gold is hard to dissolve and usually remains in place in a free state. However, as proven in the Buck Private tunnel one half mile north of this property, surface waters have concentrated this free gold similarly to placer ground. The Dakota quartzite bed has been proven for a considerable length to the north by the Golden Edge and Gold Bell properties in past years when gold price was $20.67 per ounce and when concentrating methods were not so highly developed. It appears that with the present metallurgical methods and large scale mining this Dakota bed can be developed into a very large and paying proposition.

(b) Carbonate Tunnel - The Carbonate tunnel is located at an elevation of 12,150 feet, or 600 feet higher than the Little Tommie tunnel, on the west slope of Mt. Baldy. It is a cross cut for 100 feet, striking the Carbonate vein and following it for 500 feet. The dip of the vein is 87 degrees northwest with a strike of North 65 degrees east.

The shape and size of the Carbonate vein, the underground workings and the surface indications of other veins as well as the main Carbonate vein can best be ascertained from maps attached to this report. The surface above the Carbonate level at the breast is approximately 170 feet.

The Carbonate vein is a true fissure four feet wide on the tunnel level. At a point 250 feet from the portal, an east-west vein intersects the Carbonate tunnel, and the vein widens to about 8 feet. Six raises were driven originally on the vein, all in ore. The vein has been stoped for a distance of 300 feet, the width varying from four feet to 10 to 13 feet. The wider spaces occurring where evidence shows other veins intersecting the main veins.

The Carbonate veins is indicated on surface by a depressed area due to the erosion of the soft vein material. This depressed area extends 500 feet north-easterly beyond the breast of the tunnel, indicating a total vein length of 1000 feet. There are no developments below the main level of the Carbonate tunnel. However, the bottom of main tunnel is in ore, and since it is customary in fissure veins to assume depth of ore below any level to be one-Half of the length of the ore on that level, the ore should at least extend 250 feet below the Carbonate tunnel level. If the vein proves to be 1000 feet long as indicated on the surface, the depth should extend 500 feet below the main level.

A basis for study and calculation as to the probable depth and length of the Carbonate vein is afforded in the history and record of two old adjacent properties — the Mountain Pride and the Columbine mines.

Mountain Pride — The Mountain Pride is located about 4000 feet south 65 degrees west of the Carbonate tunnel in Illinois gulch. According to the U.S.G.S. P.P. #75 it was the largest producing property in the Breckenridge district about the year 1900. The workings consisted of two 300 shafts, 500 feet apart. The property was equipped with a mill containing two sets of rolls, two 3-compartment jigs and five Wilfley tables. Considering the size of the mill and the large dumps and camp, the property must have been a most substantial operation.

The Mountain Pride elevation is about 11,250 feet, while the Carbonate tunnel is at 12,150 feet, a difference of 900 feet, with both workings apparently on the same vein, the inference being an extension of the Carbonate vein 900 feet below the Carbonate tunnel level.

The remains of the old Mountain Pride mill would indicate that the cost was not less than $100,000. History records the ore as being high grade galena, the lead sulphide with very high values in silver. An examination of the dumps verifies the statement about the ore.

Columbine Mine — The Columbine mine is located in Little French gulch, on the opposite or east side of Mt. Baldy, 2000 feet, north 65 degrees east from the Carbonate tunnel. It is well described and illustrated in Mining Science, Sept. 28, 1911, Vol. 64, page 294, by Arthur Lakes, E.M.

The workings consist of two tunnels, the lower at an elevation of about 11,700 feet, and about 1000 feet long. This tunnel follows a two to ten feet vein in the sedimentaries consisting of Wyoming beds and Dakota quartzite which dip in an easterly direction. The upper Columbine tunnel is about 400 feet lower than the Carbonate tunnel and in line with it. The ore is reported to have consisted of Galena, gold telluride and bismuthinite.

Carbonate-Mountain Pride-Columbine - The point here is that the Carbonate, Mountain Pride and the Columbine mines are all on or near the same fissure extending for a distance of more than a mile from the east side to the west side of Mt. Baldy, according to Arthur Lakes' study of the district.

Upper Columbine tunnel and the Carbonate tunnel are apparently on the same vein and in the same kind of rock-diorite. The same fracture extends through all of the various formations from the lower Wyoming beds and shales, sandstones and quartzites, and the overlying Mt. Baldy diorite, both vertically and horizontally from the east to the west side of Mt. Baldy. There is no definite evidence that the fracture is continuous but the disturbances that cause fractures in shales would certainly cause greater fractures, both vertically and horizontally, in brittle rock such as the Mt. Baldy diorite.

There is one general feature of the veins in the Breckenridge district. Practically all the ore in the past has been mined from fissures extending through shale, Dakota Quartzite and sills of monzonite porphyry. Most of the ore was found in the monzonite porphyry and that is the answer for the various depths to which ore was profitable because the depth of the ore proved to be the thickness of the monzonite sills.

The average depth of the ore in many mines approximated 400 feet, although the Wellington mined ore from a depth of 800 feet or the thickness of the monzonite sill. The thickness of the monzonite porphyry below the Carbonate tunnel is approximately 1000 feet where the Dakota quartzite should be encountered. Using this data and applying it to the possible depth of ore below the Carbonate tunnel, it would appear that 500 feet is a reasonable calculation. As to the length of the Carbonate vein it has been proven 500 feet, and the surface indications show it to be 1000 feet long. The Carbonate property extends 4500 feet along the strike of the Carbonate vein.

Another body of possible ore is indicated approximately due north of the breast of the Carbonate tunnel. The indication is a surface depression paralleling a similar depression over the Carbonate vein except that it is more pronounced and its length is approximately 300 feet.

Another vein which from surface indications or appearance is a fault 600 feet long crosses the vein paralleling the Carbonate and this intersection seems to be the center of other smaller veins radiating from it. All indications point to a chimney of ore at this location which can easily be tested by a 150 foot cross-cut from the end of the Carbonate tunnel.

In connection with surface depressions over the Carbonate vein, it has been proven that as the depressions widen, the veins below become wider. The width of the depression at the intersection just mentioned is considerably greater than any over the Carbonate vein, and therefor, it is reasoned, if ore is found there, it should be a good sized body.

The following twenty-five lots of Carbonate mine and dump ore, totaling 575.11 tons, shipped during the years 1933, 1934 and 1935, show the class and value of ore:

Year	Lot	Dry Tons	Ounces Gold	Ounces Silver	% Lead	From
1933	1	21.35	0.770	5.72	9.9	Dump
	2	21.72	0.615	5.00	7.6	"
	3	22.53	0.485	5.55	10.1	"
	4	21.04	0.315	3.90	6.1	"
	5	16.78	0.567	2.55	2.5	"
	6	22.58	0.440	3.10	4.8	"
	Average	126.00	0.532	4.30	6.8	Dump
	7	17.63	0.320	4.13	6.9	Mine
	8	21.80	0.325	3.05	4.45	Mine
	Average	165.43	0.392	3.82	6.05	Dump-Mine
1934	1	22.27	0.30	6.20	11.18	Mine
	2	23.07	0.60	8.18	15.70	"
	3	22.44	0.665	6.41	11.43	"
	4	27.68	0.41	5.22	9.40	"
	5	15.70	0.655	6.27	11.32	"
	6	20.64	0.53	5.40	11.20	"
	7	16.81	0.427	4.90	9.20	"
	Average	148.61	0.512	6.08	11.35	Mine
	8	17.61	0.44	2.93	3.78	Mine-Dump
	9	22.60	0.27	2.32	4.10	Dump
	10	20.53	0.34	2.14	3.70	"
	11	21.83	0.30	3.43	6.21	"
	Average	82.57	0.340	2.70	4.45	Dump
	Total Average	231.18	0.426	4.39	7.90	Mine-Dump

Lots, Continued

Year	Lot	Dry Tons	Ounces Gold	Ounces Silver	% Lead	From
1935	1	20.38	0.620	6.58	10.75	Mine
	2	25.57	0.508	5.60	10.90	"
	3	25.46	0.430	5.72	8.80	"
	4	27.00	0.335	6.40	10.25	"
	5	29.82	0.500	7.40	8.70	"
	6	28.06	0.390	7.97	11.05	"
	7	22.11	0.315	5.78	11.70	"
Average		178.40	0.471	6.49	10.31	Mine

SUMMARY

Total					
1933	39.43	0.320	3.59	5.67	Mine
1934	148.61	0.512	6.08	11.35	"
1935	178.50	0.471	6.49	10.31	"
Average	366.54	0.434	5.39	9.11	Mine
1933	126.00	0.532	4.30	6.80	Dump
1934	82.57	0.340	2.70	4.45	Dump
Average	208.57	0.436	3.50	5.62	Dump
Total Average	575.11	0.435	4.45	7.36	Mine-Dump

CONCLUSIONS:

A study of the foregoing description and attached maps gives a good idea of the kind and value of ore produced in the past. The owner of the property stated to the author of this report that he shipped $50,000 worth of ore prior to 1933. Since then approximately 1000 tons of ore valued at $40 to $50 per ton have been mined and shipped. Most of the ore shipped by the owner was prior to 1910 at the old prices of metals. At today's prices of lead and gold the total amount shipped will probably be more than $150,000. The longitudinal section through the Carbonate tunnel and Gold Nugget tunnel showing the area mined to produce the above $150,000, and compared to the unmined area still remaining is the best explanation of what can be expected in the future from this property. In studying the cross-section and map it should be noted that the Carbonate tunnel is on the south vein and the prospecting shaft on the Gold Nugget not only proves the ore at a depth of 400 feet lower than the Carbonate tunnel but it also shows the probable ore to be found in the north vein.

The most promising indications for future production are evident in the surface traces of veins as shown on map. What these surface indications mean has been proven in the present Carbonate tunnel as explained in the foregoing description. Using the present Carbonate tunnel as a measure the length of the unexplored vein indications, it will be noted, approximates three times the length of the proven Carbonate tunnel. There is no physical or geological reason why the unexplored veins will not produce the same amount of ore per foot of vein as the Carbonate tunnel has already produced. For this reason

the unexplored veins as indicated on surface should produce three times or about $450,000 worth of ore above the Carbonate tunnel level. Further study of the ore mined shows that the galena ore in the Carbonate tunnel has been changed to lead carbonate, the little zinc present has no doubt been leached out as well as the silver and gold content has remained. It is confidently expected that at lower levels the ores will be more or less all sulphides with a concentration of values, especially in silver and zinc.

The upper dump of 200 tons, valued at approximately $20 per ton and lower dump of 1500 tons, valued at $10 to $15 per ton, indicate that, except the first 100 feet of the Carbonate tunnel, the workings have all been in ore, either shipping or concentrating. In comparing the Carbonate ore with ores that contain zinc of value the concentrating problem is quite simple. The valuable part of the Carbonate ores are the fines with a few exceptions and can be screened to make shipping ore.

The above, while much more can be said, is sufficient to show the future of this property.

RECOMMENDATION:

Install a complete set of mining machinery consisting of an air compressor of 350 CFM, one drifter, stoper and a jackhammer. The main tunnel should be driven ahead for several hundred feet where ore of shipping grade can be expected from surface indications. At the same time a crosscut should be driven to the north vein at the intersection of that vein and the fault vein as described in the foregoing. Where ores of shipping grade are found raises should be driven so that mining can proceed with further development work if found necessary. This development work should proceed to the point where ore for three normal years production has been proven. An assay map should be prepared showing the kind and values that can be mined. Sufficient openings should be made to accomodate a crew of ten to twenty men.

Also a camp to accomodate these men should be established at the present camp level near the old mill building. The road needs more work especially at the turns or switchbacks.

Past operations show that considerable ore mined will need concentration for economical operations. However, this need not be considered until more of the veins have been explored and quantities and kind of ores to be concentrated have been developed.

It is recommended that not less than $25,000 be made available to place this property on a paying basis.

W F Moenke

W. F. MOENKE, E.M.
Denver, Colorado
October, 1950

Upper Terminal of Tram

Carbonate Mine

Mill Bldg
Lower Terminal

Upper Terminal – Aerial Tram – Carbonate Mine

Carbonate Tunnel

Carbonate Tunnel

Tram Tower

Mill Bldg. Lower Terminal of Tram.

Carbonate Tunnel

Mill Bldg

DMP-64

Form NSRB-146
(Nov. 1950)

UNITED STATES GOVERNMENT

FORM APPROVED
BUDGET BUREAU NO. 25-R002

AMOUNT OF LOAN REQUESTED

TERMS OF LOAN REQUESTED

DATE OF APPLICATION

APPLICATION FOR GOVERNMENT LOAN UNDER SEC. 302 OF DEFENSE PRODUCTION ACT OF 1950

NAME AND ADDRESS OF APPLICANT (Street, City, Zone, State)

[illegible]
1416 Lowing St.
Denver 3,
Colorado

TO BE FILLED IN BY DELEGATE AGENCY

(DATE RECEIVED)

COMM.

AGRIC.

INT.

D.T.A.

FILE NO.

INSTRUCTIONS

Application should be filed with the Department of Commerce, Department of Agriculture, Department of Interior, or the Defense Transport Administration, whichever has the primary interest in the facilities, products, or processes involved. However, for convenience of the applicant, he may file with any government agency with which he has contract or other pertinent relationships and such agency will arrange for the transmittal of the application to the appropriate office.

Submit four (4) signed copies of the application. Name and address of applicant should be stamped or typed for identification of each sheet of the application and all accompanying papers. When a question is inapplicable, this should be so stated on the form. Additional sheets may be attached in answering any questions or in providing other supporting information.

1. PURPOSE OF LOAN

Give a brief general statement of the purpose of the loan requested, including in the table below estimated amounts for such major purposes as land acquisition, building construction, purchase of plant, purchase of equipment, working capital, repayment of debt, etc. Statement should make clear whether funds will be used for expansion of capacity, development of technological processes, or production of essential materials.

General Statement

Purpose of loan is to develop and mine lead and zinc ores.

Repayment of loan to be from sales of ores.

NATURE OF EXPENDITURE	AMOUNT
Building camp for a crew of 20 miners	$2000
Purchase of mining equipment such as air compressor, drifter, stoper, jackhamer, etc.	$7000
Working capital to develop and mine ores.	$15,000
Total amount applied for	$25,000

2. PROPOSED METHOD FOR REPAYMENT OF LOAN

State sources of funds, and proposed schedule of repayment

Proposed method for repayment of loan is from sales of ores at the rate of 20% of net smelter's returns. By smelter's returns is meant the total value of ores as paid for by the smelter less transportation costs, smelter charges and 10% royalty to the owners of the property. Repayments of loan will be speeded up, if found able, to clear up the loan as soon as possible.

3. NATURE OF BUSINESS AND DESCRIPTION OF PROJECT

Describe fully the business activity for which the funds are intended. In so doing, identify the materials and services to be produced, describe the facilities and processes involved, and explain in detail any research activity and the nature of the results expected. Attach blueprints and specifications, if available, and furnish other technical details to the extent that they are not covered elsewhere in the application.

See map and mine report by [illegible], a copy of which were delivered to Mr. J. [illegible], Jr., Regional Director, Bureau of Mines, 224 New Custom Bldg., Denver, Colorado on Nov. 14, 1950. In letter, dated Dec. 6, 1950, Mr. Charles [illegible] Merrill, Chief Base Metal Branch, Washington, D.C. stated my application is Project number [illegible]-64

4. Relationship to National Defense. Explain carefully how the expenditure of the funds will contribute to national defense. As a part of such explanation, the following questions should be answered to the extent possible:

(a) What evidence exists as to current shortages of the materials or services to be produced?

Public knowledge of shortage of non-ferrous metals

(b) What evidence exists as to future shortages of the materials or services to be produced?

(c) Are such shortages, if any, regional or national in scope?

National

(d) In what respects will the use of the funds aid directly in expediting the carrying out of government defense contracts? (A listing of defense contracts, if any, held by applicant is required in item 8 below.)

Provide zinc and lead metals

4. Relationship to National Defense - Continued

(e) In what respects will the use of the funds aid indirectly in expediting the carrying out of government defense contracts or related operations?

Provides necessary materials

(f) Are there available alternative methods or facilities to accomplish the same purpose as that for which these funds are intended? (For instance, unused capacity, possibility of multiple shift operations, idle facilities, readily convertible equipment, sub-contracting?) If answer is yes, explain why alternatives are not used.

No

5. Maximum Designed Production

List separately materials or services identified in item 3 (a)	Unit of measure (b)	Maximum designed production with existing facilities (c)	Average percentage of maximum designed production used in quarter preceding filing of application (d)	Maximum designed production including use of funds applied for (e)
Zinc and lead ores	Ton	None	None	100 tons daily

6. Employment

(a) Number currently employed at location(s) where funds are to be used. (Use pay period ending nearest 15th of month preceding filing of application.)

None

(b) Maximum feasible employment with existing facilities.

(1) Single shift operation.

None

(2) Multiple shift operation (specify how many shifts).

None

(c) Estimated additional employees required by the use of the funds applied for.

10 to 20 men

7. Timing

(a) On what date(s) are the requested funds needed?

April 1st, 1951 It is quite important that mining operations in Colorado get an early start in Spring.

(b) On what expected date(s) will applicant begin to use such funds and obtain output from the use of such funds? Wherever possible, give planned schedule of output.

June 1st., 1951 Start operations
July 1st., 1951 10 men, mining 5 to 10 tons ore, daily
Sept. 1st., 1951 15 to 20 men, mining 25 to 50 tons per day.

8. Output from the use of funds applied for will be for the following purposes:
a. For the following principal prime defense contracts (if any) with the United States Government:

Date of contract (a)	Contracting Government Agency (b)	Program symbol (2 digits) or other contract identification (c)	Materials or services (d)	Delivery date(s) (e)	Amount (Dollars) (f)
		None			

b. For the following subcontracts (if any) with U.S. Government prime defense contractors:

Date of contract (a)	Materials or services (b)	Supplied to (Give name and address of firm) (c)	Delivery date(s) (d)	(e) Government agency receiving end product or services / (f) Program symbol (2 digits) or other contract identification	Amount (Dollars) (g)
				(e) / (f)	
		None		(e) / (f)	
				(e) / (f)	

c. For the following classes or types of customers not covered by contracts listed above (list materials or services to be provided and, wherever possible, also indicate final product use):

none

9. **Feasibility** S.F.Meeks,Denver3,Colorado

(a) Estimate anticipated requirements for manpower, equipment, raw materials, energy, fuel, transportation facilities, water supply, housing, community facilities, and other factors of production, for (1) preparation of the facilities and (2) actual operation thereof. (The estimates may be limited to those factors of substantial significance to the preparation and operation of the facilities for which the funds are intended.)

(1) 10 men,available locally,many of whom will probably live in Breckenridge.Living quarters must be built for others. All mining machinery is available in Denver,Colorado.

(2) 20 men,available locally. Dynamite,caps,fuses,zinc rail, and all other material necessary can be obtained locally or in Denver,Colorado

(b) Discuss and evaluate the availability of each of the above factors in the area(s) where the funds will be used.

Answered in (a) above

10. The following applications for necessity certificates for tax amortization (Under Section 124A of the Internal Revenue Code) for facilities at the location(s) covered by this application have been filed since January 1, 1950.

Date of application (a)	Government file number (b)	(Estimated) Total of facilities in dollars on each application (c)	(d) If final action has been taken, give date of	
			Issuance	Denial
	None			

11. **Recent Efforts to Obtain Credit**

(a) Banks— List names and addresses of all Banks of Deposit of Applicant within the last 5 years: *(Mark with an asterisk (*) bank or banks in which deposits are now kept)*

None

11. **Recent Efforts to Obtain Credit** - Continued

(b) State efforts to obtain credit, within 60 days preceding date of application, from banks, the Reconstruction Finance Corporation, or other sources, results, and reasons if refused. (NOTE.— Section 302 of the Defense Production Act of 1950 states that a loan may be extended "only to the extent that it is not otherwise available on reasonable terms." Accordingly, Applicant should show that it has applied to each bank named in (a) above, or explain the reason for not doing so. The fact that a loan of the particular maturity and terms applied for is refused by a bank or banks is not sufficient to comply with the statute, if credit on reasonable terms is available. State whether a bank will participate in the loan, and if so, state name of bank and amount of participation. Full particulars must be given.) List the names and addresses of banks and other lending institutions to which applications for credit have been made, and in each case state date of application, amount of credit available, if any, maximum term for which credit is available, what consideration, if any, was given to possible guarantee of loan under Federal Reserve Regulation V, and reason for refusal or reason loan was not obtained. Indicate whether or not application was definitely refused for further credit on any basis.

NONE

12. What other forms of government financial assistance, if any, have been received or requested by the applicant in connection with the purposes of the loan herein applied for? If applicant plans to request such assistance in the future, give details.

NONE

13. **HISTORY, MANAGEMENT, LEASED AGREEMENTS, INSURANCE, ETC.**

These subjects should be fully covered in statements attached hereto. Outline past management experience or other basis for showing competence of the Applicant to perform in accordance with expressed purpose of the application. If plant was purchased, state price, form and terms of payment, date of purchase, from whom and under what circumstances purchase was made. If it is proposed to construct or acquire new facilities (including equipment), state estimated cost and basis of such estimate, form and terms of payment, and from whom purchases of facilities will be made. State whether Applicant, or the business or plant, has been in receivership, bankruptcy, Chapter X, XI or XII, in hands of creditors, committee, or whether Applicant has effected a compromise with creditors, and if so, discuss fully. Indicate whether business is conducted in leased premises and whether any facilities are leased from others and describe terms of any lease agreements. List type and amount of insurance carried on plant property. Describe briefly any pending or threatened litigation affecting Applicant.

See over

For history and management see references mentioned in item 5.

Mining property is now held by applicant under an Option to Purchase as follows:

Owner	Interest	Terms
Clarence [illegible] [illegible], Las Vegas, Nev.	one-half interest	[illegible] 1st, 19[illegible] to 19[illegible]. Total price: [illegible] to [illegible], depending when paid
Earl A. Stephenson, Denver, Colorado	one-sixth	Time: June [illegible], 19[illegible] to June [illegible], 19[illegible]. Total price: [illegible] to [illegible], depending when paid.
Albert [illegible]. Stephenson and wife, Denver, Colorado	Two-sixths	Time: July 10, 19[illegible] to July 10, 19[illegible]. Total price: [illegible] to [illegible], depending when paid.

10% royalty, all applicable on purchase price.

400 shifts of work required per year.

Title is clear and free from labor and mechanics liens.

Property consists of 17 unpatented lode mining claims.

Note: In item 5 the application mentions the Golden [illegible] as one [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] year [illegible] [illegible] [illegible] been given up [illegible] [illegible] as not being necessary.

14. NAMES AND ADDRESSES OF OFFICERS, DIRECTORS, [illegible] HERETO, THE FIVE LARGEST STOCKHOLDERS IF A CORPORATION.

NAME AND ADDRESS (a)	Official title (If officer is also director indicate by "D") (b)	Total of annual salary, commissions, bonuses, etc., received from Applicant and affiliates during last fiscal year (c)	Estimated net worth outside of Applicant (d)	Number of shares held in applicant		Life insurance carried for benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net cash surrender value after loans (h)
None							
Note : A company in being formed to operate the property							
with the applicant, [illegible] as the operating							
company.							
	Total		X X X X X			X X X	X X X

15. CAPITAL STOCK ISSUES

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par value (c)	Number of shares outstanding (d)	Dividend rate last paid (e)
Common stock	$	$	$		
Preferred stock	$ None	$	$		

16. PURCHASE AND SALES RELATIONS WITH OTHERS

Does Applicant buy from, sell to, or use the services of, any concern or partnership in which an officer, director, large stockholder, or partner of the Applicant has a substantial interest? If not, so state. If so, give names of such officers, directors, stockholders, and partners, and names of such concerns or partnerships.

None

Does any officer, director, large stockholder, or partner of Applicant receive any commission, bonus, or other payment in cash or services from any concern or partnership with which Applicant has business dealings? If not, so state. If so, give names of such officers, directors, stockholders, or partners and amounts of such commissions, bonuses, or payments.

None

17. COMPENSATION SCHEDULE

INSTRUCTIONS: The schedule shall show the amount of compensation being paid to all employees of Applicant receiving compensation at a rate in excess of $10,000 per annum, including employees paid on a part-time basis where the rate of compensation exceeds $10,000 per annum computed on a full-time basis. If Applicant is a corporation, the schedule should show the compensation, regardless of amount, being paid to all officers, directors, and such stockholders as have an interest in Applicant's business of 10 percent or more. If Applicant is a partnership, the schedule should show the compensation being paid to, or being withdrawn by, all partners for their personal use. If Applicant is an individual, the schedule should show the amount being withdrawn by Applicant for his personal use. In each case the listed person's connection with the business should be indicated (i.e., whether an officer, director, stockholder, partner, owner, etc.). The calendar basis for the compensation should likewise be shown. Attorneys or firms of attorneys on a regular retainer or salary basis should be included. The schedule should include a separate notation indicating the source and amount of any compensation being paid by a company or firm directly or indirectly controlling, affiliated with, or controlled by, Applicant. If the space provided herein is insufficient, the schedule should be continued on the reverse side or appropriate continuation sheets should be attached.

None

17. **COMPENSATION SCHEDULE** - Continued [illegible]
The term "compensation", as used herein and such schedule, shall include all salaries, fees, bonuses, commissions, retainers, regular drawing accounts, and other payments, direct or indirect, in money or otherwise, for personal services.

Name (a)	Position (b)	Compensation paid during previous fiscal year (c)	Present compensation (d)
none			

18. **COLLATERAL**
(a) The applicant offers the following described collateral as security for repayment of the loan applied for.

Description (a)	Date acquired (b)	Cost (c)	Book Value (Net) (d)	Appraised* value (e)
Property now held: none				
To be acquired: Machinery to be purchased and 25% of the net smelter returns from ores sold.				

* This column need be filled in only if a recent appraisal has been made. If so, identify appraiser below.

Name (a)	Title (b)	Date (c)
none		

(b) Describe existing liens, if any, on property listed above.

none

EXHIBIT A - CURRENT FINANCIAL STATEMENT Colorado

As of _____

(Date not more than 30 days prior to date of application)

ASSETS

CURRENT ASSETS

1. Cash ..... $ _____
2. Notes receivable ..... $ _____
   Less reserve for doubtful notes ..... _____
3. Accounts receivable:
   Current ..... $ _____
   Past due not over 4 months ..... _____
   Past due over 4 months ..... _____ $ _____
   Less reserve for doubtful accounts ..... _____ _____
4. Inventories:
   Raw materials ..... $ _____
   Work in process ..... _____
   Finished goods ..... _____ $ _____
   Less reserve for inventory losses ..... _____ _____
5. Other current assets (describe) none _____ _____

TOTAL CURRENT ASSETS ..... $ _____

FIXED AND OTHER ASSETS

6. Plant used in business:
   Land ..... $ _____
   Buildings ..... _____
7. Machinery ..... _____
8. Equipment, furniture, and fixtures ..... _____ $ _____
   Less reserve for depreciation ..... _____ _____
9. Investments—stocks and bonds ..... _____
10. Investments in affiliated companies ..... _____
11. Receivables due from affiliated companies ..... _____
12. Real estate not used in business ..... _____
13. Due from officers, directors, employees, stockholders ..... _____
14. Deferred charges ..... _____
15. Other assets ..... _____

TOTAL ASSETS ..... $ _____

LIABILITIES

CURRENT LIABILITIES

16. Notes payable (see schedule 1, page 10):
    Banks ..... $ _____
    Trade creditors ..... _____
    Officers, stockholders, relatives ..... _____
    Insurance companies ..... _____ $ _____
17. Accounts payable ..... _____
18. Other current liabilities: none
    Delinquent taxes { Real estate ..... $ _____
    Delinquent taxes { Federal ..... _____
    Wages and salaries ..... _____
    Due officers ..... _____
    Accrued interest, rent, taxes, wages, etc ..... _____
    _____ _____ _____

TOTAL CURRENT LIABILITIES ..... $ _____

FIXED AND OTHER LIABILITIES

19. Machinery liens ..... _____
20. Mortgage debts (see schedule 2, page 10) ..... _____
21. Bonds or debentures (see schedule 2, page 10) ..... _____
22. Other liabilities ..... _____

NET WORTH

23. Common stock (if Applicant is incorporated) ..... $ _____
24. Preferred stock (if Applicant is incorporated) ..... _____
25. Surplus (if Applicant is incorporated) ..... _____ _____
26. Capital and Surplus Account (if Applicant is partnership or individual) ..... _____

TOTAL LIABILITIES ..... $ _____

27. Contingent liabilities (explain) _____ $

NOTE.— Submit copy of last available audit or of financial statement at close of last fiscal period (if such date differs from date of above statement).

SCHEDULE 1 - Notes, Payrolls, Collateral

Name and address	Maturity	Amount	State amount and character of collateral	Name of guarantor(s) and/or endorser(s)
		NONE		

SCHEDULE 2 - Mortgage Debt (real estate and/or chattels) or Bond Issue

Names and addresses of holders	Date of maturity	Interest rate	Unpaid principal amount	Date to which interest is paid
		NONE	$	
TOTAL	X X X X X X X	X X X X X X	$	X X X X X X X X X X X X X X X X

If mortgage secures a bond issue, state whether bonds are principally held by management and/or stockholders or by others, and attach copy of mortgage indenture.

EXHIBIT B - CONDENSED COMPARATIVE STATEMENT OF INCOME AND EXPENSES

For years ended _____

(Insert date of end of fiscal year)

(000.00 omitted)

	(Figures for 3 preceding years)			Current year as of date of Exhibit A
	19	19	19	
1. Net sales				
2. Cost of goods sold				
3. Gross profit on sales (line 1 minus line 2)				
4. Other income (itemize)				
5. Total (line 3 plus line 4)				
6. Salaries (officers or partners)*	NONE			
7. Selling and all other expenses				
8. Total of lines 6 and 7				
9. Profit or loss before depreciation and Federal taxes (line 5 minus line 8)				
10. Depreciation				
11. Federal Income and Excess Profits Taxes				
12. Net profit or loss (line 9 minus lines 10 and 11)				
ANALYSIS OF SURPLUS				
13. Total surplus at beginning of period				
14. Net profit or loss for period				
15. Line 13 plus line 14 if profit; line 13 minus line 14 if loss				
Add:				
16. Surplus paid in during period				
17. Surplus resulting from revaluation of assets				
18. Other additions to surplus (itemize)				
19. Total of lines 15 to 18, inclusive				
Deduct:				
20. Dividends				
21. Other charges to surplus (itemize)				
22. Total of lines 20 and 21				
23. Surplus at end of period (line 19 less line 22), MUST AGREE WITH SURPLUS AS SHOWN IN BALANCE SHEETS				

* To include all payments of any kind (commissions, bonuses, withdrawals) to officers or partners.

NOTE—If years included in the above tables are not adequately representative of applicant's financial experience, information may be submitted for additional years.

EXHIBIT C - CONDENSED COMPARATIVE STATEMENT OF CONDITION

For years ended _____
(Insert date of end of fiscal year)

(000.00 omitted. Use figures to nearest thousand. For instance, the figure $3,489.36 should be written as 3; the figure $3,689.36 should be written as 4)

ASSETS	(Figures for 3 preceding years) 19	19	19	Current year as of date of Exhibit A
CURRENT ASSETS:				
1. Cash				
2. Receivables (after deducting reserves)				
3. Inventories				
4. Other current assets:				
TOTAL CURRENT ASSETS				
FIXED AND OTHER ASSETS:				
5. Plant accounts (before depreciation):				
Machinery, equipment, etc.				
Delivery equipment				
Real estate and buildings used in business				
6. Other assets (as investments, real estate not used in business, etc.):				
TOTAL ASSETS				
LIABILITIES				
CURRENT LIABILITIES:				
8. Notes payable				
9. Accounts payable				
10. Accrued liabilities				
11. Other current liabilities:				
TOTAL CURRENT LIABILITIES				
FIXED AND OTHER LIABILITIES:				
12. Mortgage debts				
13. Debentures				
14. Other fixed liabilities:				
RESERVES:				
15. Reserve for depreciation				
16. Other reserves:				
NET WORTH:				
17. Common stock (issued) (if Applicant is incorporated)				
18. Preferred stock (issued) (if Applicant is incorporated)				
19. Surplus (if Applicant is incorporated)				
20. Capital and surplus account (if Applicant is partnership or individual)				
TOTAL LIABILITIES				

NOTE— If years included in the above table are not adequately representative of applicant's financial experience, condition statements may be submitted for additional years.

EXHIBIT D

AGREEMENT AS TO COMPENSATION FOR SERVICES RENDERED OR TO BE RENDERED TO APPLICANT IN CONNECTION WITH APPLICATION AND/OR LOAN

To induce the United States Government and its agencies to make a loan under Sec. 302 of the Defense Production Act of 1950 to _____ (hereinafter called "Applicant") and in consideration of the making of a loan to Applicant, the undersigned, having been retained by Applicant for the purpose of rendering professional or other services in connection with its application for a loan or loans, hereby represents, warrants, and agrees that the undersigned has not been paid, has not made any agreement with the Applicant to be paid, and has not procured any person to pay or agree to pay, and will not, directly or indirectly, charge or receive any bonus, fee, or commission in any form in connection with the said application for, or the obtaining of, the loan applied for by the Applicant, or any compensation in any form for services rendered or to be rendered in connection therewith except for the services and in the amounts stated below:

Name	Description of services	Amount paid	Amount to be paid
none		$	$

To induce the making of the loan and the employment of the undersigned by Applicant, the undersigned hereby further warrants, covenants and agrees, upon the consideration herein specified, and in consideration of the employment of the undersigned by Applicant, as above recited, that if the amount of compensation stated above for any such services shall not be deemed reasonable by any agency of the United States Government, the undersigned will reduce the charge for such services to such amount as shall be deemed reasonable by such agency, and will not, directly or indirectly, charge or collect from the Applicant or any other person, any sum in excess of the amount so deemed reasonable; and that if the undersigned has heretofore collected, from the Applicant or any other person, as compensation for any such services, any amount deemed by such agency to be unreasonable, the undersigned will refund to Applicant or such other person such sums as are in excess of the amount deemed reasonable. The undersigned further warrants, covenants and agrees that if the amount of the compensation for any such services is not determinable at the date of application, or is not stated above, it will not collect or charge any sum as compensation for such services without the prior written approval of the Government agency with which this application is officially filed as to the nature of the services for which such compensation is to be paid and the amount of such compensation.

Witness: _____ _____

Address of witness:

_____ none _____

Dated _____, 19____ _____

NOTE—Corporations must execute foregoing certificate in corporate name, by duly authorized officer, and seal must be affixed and duly attested; partnerships must execute in firm name, together with signature of a general partner. If no compensation is paid or to be paid for services rendered in connection with application or loan, this should be so stated and the Applicant should sign this Exhibit.

CERTIFICATION

The Applicant hereby certifies that the statements made in the foregoing application, and all exhibits and documents submitted in connection therewith, are true and correct statements to the best of Applicant's information and belief and are submitted as a basis for credit. The Applicant agrees to reimburse any agency of the United States Government upon demand for any expenses incurred in connection with or arising out of this application or any loan made pursuant hereto.

Dated Jan. 15, 1951, 19____

Witness: (For individual applicants)

Helen M. Moenke — W. F. Moenke (Signature)

Witness: (For partnership applicants)

_____ _____ (Full name of firm)

By _____ (Signature), a general partner.

(CORPORATE SEAL) (For corporate applicants)

_____ (Full corporate name of Applicant)

Attest: By _____ (Signature) (Title)

_____ (Signature), _____ (Title)

The United States Criminal Code, 18 U.S.C., Sec. 1001, makes it a criminal offense to make a willfully false statement or representation to any Department or Agency of the United States as to any matter within its jurisdiction.

U. S. GOVERNMENT PRINTING OFFICE: 1950 O - 916171

Denver3,Colorado
1416Downing st.
June 4th.,1951

Mr. J.M.East,Jr. Regional Dir.
Bureau of mines
224 New Custom Bldg.
Denver2,Colorado

Dear Mr. East:

This is additional information on Form MP-1o3.All questions have been answered by my application,DMA 64,excepting the title to the property.

I am attaching photostatic copies of my agreements with the property owners for additional information.

I have been advised by your mining engineer,Mr.Traber that he will examine the property as soon as I am ready to take him to the property which will be very shortly.

I am delivering four copies of this letter attached to Form MP-103.

Yours very truly,

W.F.Moenke

W.F.Moenke

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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. .....

Date received .....

Participation .....

Mr.J.H.East,Jr. Regional Director
224 New Custom House
Denver,Colorado

Name and address of applicant
W.F.Moenke,1416 Downing St
Denver,Colorado

Date

FILL IN THIS BLOCK

Date of application Nov.14,1950 Jan.15,1951

Estimated cost $25,000

Mineral or metal Lead and Zinc

Percentage of Government participation 50%

Location of mine Carbonate mine near Breckenridge,Summit Co. Colorado

Date of filing MF-100 .....

DMA Docket Number, if available DMA 64

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?
*2. If a partnership, state names and addresses of partners.
*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.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
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 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)?

*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 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:

	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 W. F. Moeure
(Signature of authorized official)

(Date)

(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

W.F.Moenke,Denver,Colo.

AGREEMENT TO PURCHASE

This Agreement made and entered into this first day of August,1947,by and between Clarence E. Moon of Las Vegas, Nevada,hereinafter called First Party and W.F.Moenke of Denver,Colorado,hereinafter called Second Party

WITNESSETH:

Whereas First Party is the owner of One-half undivided interest in and to the Carbonate group of mining claims,situated in the Minnesota mining d istrict on the west slope of Mt. Baldy near Breckenridge,Summit county, Colorado and more particularly described as follows:

Name of lode mining claim	Summit county records Book	Page
Carbonate,also called Carbonate #1	15	296
Carbonate #2	17	106
Carbonate #3	16	363
Carbonate #4	16	364
Carbonate #5	20	444
Carbonate #6	20	445
Little Tommie #1	10	450
Little Tommie #2	10	450
Little Tommie #3	10	451
Little Tommie #4	10	451
Doubtful	16	228
Highland Mary	10	449
Gold King	10	449
Gold nugget	10	543
New Era	16	210
New Era #1	16	211

and Whereas,First Party is desirous of selling said described property to Second Party,

Now,Therefore, it is understood and agreed by and between both Parties hereto,that First Party in consideration of the covenants and promises to be performed by Second Party and in further consideration of one dollar in hand paid First Party by Second Party,receipt of which is hereby acknowledged,does by these presents agree to sell said described Carbonate mining property to Second Party upon the following conditions and terms:

Total purchase price to be $3000.00 if paid on or before August 1st.,1948 ; $3500.00 if paid On or before August 1st., 1949 ; $4000.00 if paid on or before August 1st.,1950; $4500.00 if paid on or before August 1st.,1951; $5000.00 if paid on or before August 1st.,1952.

Second Party shall pay First Party 20 per cent of all royalties on ores mined and sold from said property, said royalties to apply toward purchase price as shown above and to be paid monthly.Upon completion of purchase said royalties shall cease and First Party shall execute and deliver to Second Party a sufficient mining deed,free and clear of all debts and encumbrances.

This agreement and terms and provisions thereof,shall inure to the benefit of,and be binding upon,the parties hereto,their heirs,executors,administrators,successors and assigns.

In witness whereof,the parties hereto have executed this agreement in duplicate as of the day and year first above written.

W F Moenke
Second Party

Clarence E Moon
First Party

Denver3,Colorado
1416 Downing st.
Nov.11,1950

Mr. Clarence E.Moon
1028 Mesquite St.
Las Vegas
Nevada

Dear Mr. Moon

On August 1,1947,you,as the owner of a one half undivided interest in the Carbonate group of mining claims located near Breckenridge,Colorado and I,as the purchaser ofsaid group of mining claims over a period of five years,signed an "Agreement to Purchase," dated August 1st.1947.

I am requesting that you agree to extend the payments another five years as follows:

Total purchase price

$5500	if	paid	on	or	before	August	1st,1953
$6000	"	"	"	"	"	"	", 1954
$6500	"	"	"	"	"	"	",1955
$7000	"	"	"	"	"	"	",1956
$7500	"	"	"	"	"	"	",1957

All other terms and covenants to remain as in the original "Agreement to Purchase,dated August 1st,1947

If the above meets with your approval,kindly sign in space provided below.

Yours very truly

W.F.Moenke

W.F.Moenke

Approved:

Clarence E.Moon

Clarence E.Moon

LETTER WRITTEN

W.F.Moenke,Denver,Colo.

* OPTION TO PURCHASE *

This OPTION TO PURCHASE,made and entered into this 9th. day June,1948,A.D.,by and between Earl A.Stephenson,Denver,Colorado, hereinafter called First Party and W.F.Moenke,Denver,Colorado, hereinafter called Second Party

WITNESSETH,

Whereas First Party is the owner of one-sixth undivided interest in and to the Carbonate group of mining claims, situated in Minnesota mining district on the west slope of MT.Baldy near Breckenridge in Summit county,Colorado,and more particularly described as follows:

Name of claim	Summit county record	
	Book	Page
Carbonate,also called Carbonate #1	15	296
Carbonate #2	17	106
Carbonate #3	16	363
Carbonate #4	16	364
Carbonate #5	20	444
Carbonate #6	20	445
Little Tommie #1	10	450
Little Tommie #2	10	450
Little Tommie #3	10	451
Little Tommie #4	10	451
Doubtful	16	228
Highland Mary	10	449
Gold King	10	448
Gold Nugget	10	543
New Era	16	210
New Era #1	16	211

and whereas First Party is desirous of selling said one-sixth undivided interest in the above described property to Second Party

Now,Therefore,it is mutually understood and agreed by and between both Parties hereto,that First Party in considerations of the covenants and promises to be performed by Second Party and in further consideration of one dollar in hand paid First Party by Second Party,receipt of which is hereby acknowledged, does by these presents agree to sell said one-sixth undivided interest in above described property to Second Party upon the following conditions and terms:

$25.00 to be paid by Second Party to First Party on or before June 10,1948; $50.00 on or before July 10,1948; $125.00 on or before August 10,1948.

Total purchase price to be $1200.00 if paid on or before June 9,1949; $1400.00 if paid on or before June 9,1950; $1600.00 if paid on or before June 9,1951; $1800 if paid on or before June 9,1952; $2000.00 if paid on or before June9, 1953.

Second Party shall pay First Party ten per cent of all royalties on ores mined and sold from said property,said royalties to apply towards purchase price as shown above and to be paid monthly.Upon complation of purchase said royalties shall cease and First Party shall execute a sufficient mining deed,free and clear of all debts and encumbrances.

It is further mutually agreed that Second Party will perform a minimum of four hundred (400) shifts per year upon the above described property,and will pay to First Party a minimum of one hundred dollars ($100.00)within one year from date hereof if said option is not exercised,and likewise, a further one hundred dollars($100.00)each year that said option is not exercised,which payments shall not apply toward said purchase price.

This option and terms and provisions thereof,shall inure to the benefit of,and be binding upon,the Parties hereto,their heirs,executors,administrators,successors and assigns.

In witness whereof,the Parties hereto have executed this option in duplicate as of the day and year first above written.

W.F. Moenke
Second Party

First Party
Earl A. Stephenson

Denver3,Colorado
1416 Downing st.
May 1st.,1951

Mr. Earl A.Stephenson
Denver,Colorado

Dear Mr. Stephenson:

On June 9,1948,you,as the owner of one sixth undivided interest in the Carbonate group of mining claims located near Breckenridge, Colorado and I,as purchaser of said group of mining claims over a period of years,signed an "Agreement to Purchase",dated June 9th.,1948.

I am requesting that you extend the period of payments as follows:

$2200	if	paid	on	or	before	June	9,1954
$2400	"	"	"	"	"	"	,1955
$2600	"	"	"	"	"	"	,1956
$2800	"	"	"	"	"	"	,1957
$3000	"	"	"	"	"	"	,1958
$3200	"	"	"	"	"	"	,1959
$3400	"	"	"	"	"	"	,1960
$3600	"	"	"	"	"	"	,1961

All other terms and covenants to remain as in the original "Agreement to Purchase",dated June 9,1948

If the above request meets with your approval, kindly sign in space provided below.

Yours very truly,

W.F.Moenke

Approved:

Earl A.Stephenson

W.F. Moenke, Denver 3, Colo.

AGREEMENT TO PURCHASE

This AGREEMENT TO PURCHASE Made and entered into this sixteenth day of May, 1948, by and between Albert E. Stephenson and Vera S. Pike, both of Denver, Colorado, hereinafter called First Party and W.F. Moenke of Denver, Colorado, hereinafter called Second Party

WITNESSETH:

Whereas First Party is the owner of two sixths undivided interest in and to the Carbonate group of mining claims, situated in the Minnesota mining district on the west slope of Mt. Baldy near Breckenridge, Colorado, in Summit County, and more particularly described as follows:

Name of lode mining claim -	---Summit county records Book	Page
Carbonate, also called Carbonate #1	15	296
Carbonate #2	17	106
Carbonate #3	16	363
Carbonate #4	16	364
Carbonate #5	20	444
Carbonate #6	20	445
Little Tommie #1	10	450
Little Tommie #2	10	450
Little Tommie #3	10	451
Little Tommie #4	10	451
Doubtful	16	228
Highland Mary	10	449
Gold King	10	449
Gold Nugget	10	543
New Era	16	210
New Era #1	16	211

and wheras First Party is desirous of selling said undivided interest in above described property to Second Party

Now, Therefore, it is understood and agreed by and between both Parties hereto, that First Party in consideration of the covenants and promises to be performed by Second Party and in further consideration of one dollar in hand paid First Party by Second Party, receipt of which is hereby acknowledged, does by these presents agree to sell said two sixths undivided interest in above described property to Second Party upon the following conditions and terms: Total purchase price to be $2000.00 if paid or before May 16th. 1949; $2400.00 if paid on or before May 16th., 1950; $2800.00 if paid on or before May 16th., 1951; $3200.00 if paid on or before May 16th., 1952; $3600.00 if paid on or before May 16th., 1953..

Second Party shall pay First Party twenty per cent of all royalties on ores mined and sold from said property, said royalties to apply towards purchase price as shown above and to be paid monthly. Upon completion of purchase said royalties shall cease and First Party shall execute a sufficient mining deed, free and clear of all debts and encumbrances.

This Agreement and terms and provisions thereof, shall inure to the benefit of, and be binding upon, the Parties hereto, their heirs, executors, administrators, successors and assigns.

In witness whereof, the parties hereto, have executed this agreement in duplicate as of the day and year first above written.

Second Party

W F Moenke

First Party

Vera S. Pike

Albert E. Stephenson

R I D E R

IT IS HEREBY MUTUALLY AGREED by and between the parties hereto that this Rider shall become part and parcel of the attached Contract as if set forth therein.

IT IS FURTHER MUTUALLY AGREED that Party of the Second Part will perform a minimum of four hundred (400) shifts per year upon the Mining Claims described in said Agreement to Purchase, and will pay to Party of the First Part a minimum of Two Hundred Dollars ($200.00) within one (1) year from date hereof if said Option to Purchase is not exercised, and likewise, a further Two Hundred Dollars ($200.00) each year that said option is not exercised, which payments shall not apply toward said purchase price.

Albert E. Dethlewson
Vera L. Pike
First Party

W F Moente
Second Party

Denver3,Colorado
1416 Downing st.
April 30,1951

Mr. Albert E.Stephenson
Mrs. Vera s.Pike
Denver,Colorado

Dear sir and Madam:

On May 16th.1948,you,as owner of two sixths undivided interest in the Carbonate group of mining claims located near Breckenridge, Colorado and I,as purchaser of said group of mining claims,signed an "Agreement to Purchase",dated May 16, 1948.

I am requesting that you agree to extend the payments as follows:

$4000	if	paid	on	or	before	May	16,1954
$4400	"	"	"	"	"	"	,1955
$4800	"	"	"	"	"	"	,1956
$5200	"	"	"	"	"	"	,1957
$5600	"	"	"	"	"	"	,1958
$6000	"	"	"	"	"	"	,1959
$6400	"	"	"	"	"	"	,1960
$6800	"	"	"	"	"	"	,1961

All other terms and covenants to remain as in the original "Agreement to Purchase",dated May 16th.,1948.

If the above meets with your approval,kndly sign in space provided below.

Yours very truly,

W.F.Moenke

Approved:

Albert E. Stephenson
Albert E.Stephenson

Vera S. Pike
Vera S.Pike

Denver3,Colorado
1416Downing st.
June 4th.,1951

Mr. J.H.East,Jr. Regional Dir.
Bureau of mines
224 New Custom Bldg.
Denver2,Colorado

Dear Mr. East:

This is additional information on Form MF-1o3.All questions have been answered by my application,DMA 64,excepting the title to the property.

I am attaching photostatic copies of my agreements with the property owners for additional information.

I have been advised by your mining engineer,Mr.Traber that he will examine the property as soon as I am ready to take him to the property which will be very shortly.

I am delivering four copies of this letter attached to Form MF-103.

Yours very truly,

W.F.Moenke

W.F.Moenke

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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. .....

Date received .....

Participation .....

Mr. J. H. Rost, Jr. Regional Director
224 New Custom House
Denver, Colorado

Name and address of applicant

E. Dalcenko, 1626 Denning St
Denver, Colorado

FILL IN THIS BLOCK

Date of application Nov. 16, 1950
Jan. 16, 1951

Estimated cost $25,000

Mineral or metal Lead and Zinc

Percentage of Government participation 50%

Location of mine Or Donato mine near Breckenridge, Summit Co. Colorado

Date of filing MF-100 .....

DMA Docket Number, if available DMA 64

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?
*2. If a partnership, state names and addresses of partners.
*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.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
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 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)?

*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 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:

	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 _____
(Name of company) (Signature of authorized official)

_____ _____
(Date) (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

W. Moenke, Denver 3, Colo.

AGREEMENT TO PURCHASE

This Agreement made and entered into this first day of August, 1947, by and between Clarence E. Moon of Las Vegas, Nevada, hereinafter called First Party and W.F. Moenke of Denver, Colorado, hereinafter called Second Party

WITNESSETH:

Whereas First Party is the owner of One-half undivided interest in and to the Carbonate group of mining claims, situated in the Minnesota mining d istrict on the west slope of Mt. Baldy near Breckenridge, Summit county, Colorado and more particularly described as follows:

Name of lode mining claim	Summit county records Book	Page
Carbonate, also called Carbonate #1	15	296
Carbonate #2	17	106
Carbonate #3	16	363
Carbonate #4	16	364
Carbonate #5	20	444
Carbonate #6	20	445
Little Tommie #1	10	450
Little Tommie #2	10	450
Little Tommie #3	10	451
Little Tommie #4	10	451
Doubtful	16	228
Highland Mary	10	449
Gold King	10	449
Gold nugget	10	543
New Era	16	210
New Era #1	16	211

and Whereas, First Party is desirous of selling said described property to Second Party,

Now, Therefore, it is understood and agreed by and between both Parties hereto, that First Party in consideration of the covenants and promises to be performed by Second Party and in further consideration of one dollar in hand paid First Party by Second Party, receipt of which is hereby acknowledged, does by these presents agree to sell said described Carbonate mining property to Second Party upon the following conditions and terms:

Total purchase price to be $3000.00 if paid on or before August 1st., 1948 ; $3500.00 if paid On or before August 1st., 1949 ; $4000.00 if paid on or before August 1st., 1950; $4500.00 if paid on or before August 1st., 1951; $5000.00 if paid on or before August 1st., 1952.

Second Party shall pay First Party 20 per cent of all royalties on ores mined and sold from said property, said royalties to apply toward purchase price as shown above and to be paid monthly. Upon completion of purchase said royalties shall cease and First Party shall execute and deliver to Second Party a sufficient mining deed, free and clear of all debts and encumbrances.

This agreement and terms and provisions thereof, shall inure to the benefit of, and be binding upon, the parties hereto, their heirs, executors, administrators, successors and assigns.

In witness whereof, the parties hereto have executed this agreement in duplicate as of the day and year first above written.

W F Moenke
Second Party

Clarence E. Moon
First Party

Denver3,Colorado
1416 Downing st.
Nov.11,1950

Mr. Clarence E.Moon
1028 Mesquite St.
Las Vegas
Nevada

Dear Mr. Moon

On August 1,1947,you,as the owner of a one half undivided interest in the Carbonate group of mining claims located near Breckenridge,Colorado and I,as the purchaser ofsaid group of mining claims over a period of five years,signed an "Agreement to Purchase," dated August 1st.1947.

I am requesting that you agree to extend the payments another five years as follows:

Total purchase price

$5500	if	paid	on	or	before	August	1st,1953
$6000	"	"	"	"	"	"	", 1954
$6500	"	"	"	"	"	"	",1955
$7000	"	"	"	"	"	"	",1956
$7500	"	"	"	"	"	"	",1957

All other terms and covenants to remain as in the original "Agreement to Purchase,dated August 1st,1947

If the above meets with your approval,kindly sign in space provided below.

Yours very truly

W.F.Moenke

W.F.Moenke

Approved:

Clarence E.Moon

****

Clarence E.Moon

LETTER WITH FOR[illegible]

Clarence

F.Moenke,Denver3,Colo.

AGREEMENT TO PURCHASE

This AGREEMENT TO PURCHASE Made and entered into this sixteenth day of May,1948,by and between Albert E.Stephenson and Vera S.Pike,both of Denver,Colorado,hereinafter called First Party and W.F.Moenke of Denver,Colorado,hereinafter called Second Party

WITNESSETH:

Whereas First Party is the owner of two sixths undivided interest in and to the Carbonate group of mining claims,situated in the Minnesota mining district on the west slope of Mt. Baldy near Breckenridge,Colorado,in Summit County,and more particularly described as follows:

Name of lode mining claim -	---Summit county records Book	Page
Carbonate,also called Carbonate #1	15	296
Carbonate #2	17	106
Carbonate #3	16	363
Carbonate #4	16	364
Carbonate #5	20	444
Carbonate #6	20	445
Little Tommie #1	10	450
Little Tommie #2	10	450
Little Tommie #3	10	451
Little Tommie #4	10	451
Doubtful	16	228
Highland Mary	10	449
Gold King	10	448
Gold Nugget	10	543
New Era	16	210
New Era #1	16	211

and wheras First Party is desirous of selling said undivided interest in above described property to Second Party

Now,Therefore,it is understood and agreed by and between both Parties hereto,that First Party in consideration of the covenants and promises to be performed by Second Party and in further considdration of one dollar in hand paid First Party by Second Party, receipt of which is hereby acknowledged,does by these presents agree to sell said two sixths undivided interest in above described property to Second Party upon the following conditions and terms: Total purchase price to be $2000.00 if paid or before May 16th.1949; $2400.00 if paid on or before May 16th.,1950; $2800.00 if paid on or before May 16th.,1951;$3200.00 if paid on or before May 16th.,1952;$3600.00 if paid on or before May 16th.,1953..

Second Party shall pay First Party twenty per cent of all royalties on ores mined and sold from said property,said royalties to apply towards purchase price as shown above and to be paid monthly.Upon completion of purchase said royalties shall cease and First Party shall execute a sufficient mining deed,free and clear of all debts and encumbrances.

This Agreement and terms and provisions thereof, shall inure to the benefit of,and be binding upon,the Parties hereto,their heirs,executors,administrators,successors and assigns.

In witness whereof,the parties hereto,have executed this agreement in duplicate as of the day and year first above written.

SecondParty

W F Moenke

First Party

Vera S. Pike

Albert E. Stephenson

Denver3,Colorado
1416 Downing st.
April 30,1951

Mr. Albert E.Stephenson
Mrs. Vera s.Pike
Denvef,Colorado

Dear sir and Madam:

On May 16th.1948,you,as owner of two sixths undivided interest in the Carbonate group of mining claims located near Breckenridge, Colorado and I,as purchaser of said group of mining claims,signed an "Agreement to Purchase",dated May 16, 1948.

I am requesting that you agree to extend the payments as follows:

$4000	if	paid	on	or	before	May	16,1954
$4400	"	"	"	"	"	"	,1955
$4800	"	"	"	"	"	"	,1956
$5200	"	"	"	"	"	"	,1957
$5600	"	"	"	"	"	"	,1958
$6000	"	"	"	"	"	"	,1959
$6400	"	"	"	"	"	"	,1960
$6800	"	"	"	"	"	"	,1961

All other terms and covenants to remain as in the original "Agreement to Purchase",dated May 16th.,1948.

If the above meets with your approval,kndly sign in space provided below.

Yours very truly,

W.F.Moenke

Approved:

Albert E. Stephenson

Albert E.Stephenson

Vera S. Pike

Vera S.Pike

R I D E R

IT IS HEREBY MUTUALLY AGREED by and between the parties hereto that this Rider shall become part and parcel of the attached Contract as if set forth therein.

IT IS FURTHER MUTUALLY AGREED that Party of the Second Part will perform a minimum of four hundred (400) shifts per year upon the Mining Claims described in said Agreement to Purchase, and will pay to Party of the First Part a minimum of Two Hundred Dollars ($200.00) within one (1) year from date hereof if said Option to Purchase is not exercised, and likewise, a further Two Hundred Dollars ($200.00) each year that said option is not exercised, which payments shall not apply toward said purchase price.

Albert E. Hollenbeck
Vera L. Pike
First Party

W F Moeuke
Second Party

W.F.Moenke,Denver3,Colo.

OPTION TO PURCHASE *

This OPTION TO PURCHASE,made and entered into this 9th. day June,1948,A.D.,by and between Earl A.Stephenson,Denver,Colorado, hereinafter called First Party and W.F.Moenke,Denver,Colorado, hereinafter called Second Party

WITNESSETH,

Whereas First Party is the owner of one-sixth undivided interest in and to the Carbonate group of mining claims, situated in Minnesota mining district on the west slope of MT.Baldy near Breckenridge in Summit county,Colorado,and more particularly described as follows:

Name of claim	Summit county record	
	Book	Page
Carbonate,also called Carbonate #1	15	296
Carbonate #2	17	106
Carbonate #3	16	363
Carbonate #4	16	364
Carbonate #5	20	444
Carbonate #6	20	445
Little Tommie #1	10	450
Little Tommie #2	10	450
Little Tommie #3	10	451
Little Tommie #4	10	451
Doubtful	16	228
Highland Mary	10	449
Gold King	10	448
Gold Nugget	10	543
New Era	16	210
New Era #1	16	211

and whereas First Party is desirous of selling said one-sixth undivided interest in the above described property to Second Party

Now,Therefore,it is mutually understood and agreed by and between both Parties hereto,that First Party in considerations of the covenants and promises to be performed by Second Party and in further consideration of one dollar in hand paid First Party by Second Party,receipt of which is hereby acknowledged, does by these presents agree to sell said one-sixth undivided interest in above described property to Second Party upon the following conditions and terms:

$25.00 to be paid by Second Party to First Party on or before June 10,1948; $50.00 on or before July 10,1948; $125.00 on or before August 10,1948.

Total purchase price to be $1200.00 if paid on or before June 9,1949; $1400.00 if paid on or before June 9,1950; $1600.00 if paid on or before June 9,1951; $1800 if paid on or before June 9,1952; $2000.00 if paid on or before June9, 1953.

Second Party shall pay First Party ten per cent of all royalties on ores mined and sold from said property,said royalties to apply towards purchase price as shown above and to be paid monthly.Upon complation of purchase said royalties shall cease and First Party shall execute a sufficient mining deed,free and clear of all debts and encumbrances.

It is further mutually agreed that Second Party will perform a minimum of four hundred (400) shifts per year upon the above described property,and will pay to First Party a minimum of one hundred dollars ($100.00)within one year from date hereof if said option is not exercised,and likewise, a further one hundred dollars($100.00)each year that said option is not exercised,which payments shall not apply toward said purchase price.

This option and terms and provisions thereof,shall inure to the benefit of,and be binding upon,the Parties hereto,their heirs,executors,administrators,successors and assigns.

In witness whereof,the Parties hereto have executed this option in duplicate as of the day and year first above written.

W.F. Moenke
Second Party

First Party
Earl A. Stephenson

Denver3,Colorado
1416 Downing st.
May 1st.,1951

Mr. Earl A.Stephenson
Denver,Colorado

Dear Mr. Stephenson:

On June 9,1948,you,as the owner of one sixth undivided interest in the Carbonate group of mining claims located near Breckenridge, Colorado and I,as purchaser of said group of mining claims over a period of years,signed an "Agreement to Purchase",dated June 9th.,1948.

I am requesting that you extend the period of payments as follows:

$2200	if	paid	on	or	before	June	9,1954
$2400	"	"	"	"	"	"	,1955
$2600	"	"	"	"	"	"	,1956
$2800	"	"	"	"	"	"	,1957
$3000	"	"	"	"	"	"	,1958
$3200	"	"	"	"	"	"	,1959
$3400	"	"	"	"	"	"	,1960
$3600	"	"	"	"	"	"	,1961

All other terms and covenants to remain as in the original "Agreement to Purchase",dated June 9,1948

If the above request meets with your approval, kindly sign in space provided below.

Yours very truly,

W.F.Moenke

Approved:

Earl A.Stephenson

MAP

BELONGS

HERE

#19

2 maps

Denver3,Colorado
1416Downing st.
June 4th.,1951

Mr. J.H.East,Jr. Regional Dir.
Bureau of mines
224 New Custom Bldg.
Denver2,Colorado

Dear Mr. East:

This is additional information on Form MF-105.All questions have been answered by my application,DMA 64,excepting the title to the property.

I am attaching photostatic copies of my agreements with the property owners for additional information.

I have been advised by your mining engineer,Mr.Traber that he will examine the property as soon as I am ready to take him to the property which will be very shortly.

I am delivering four copies of this letter attached to Form MF-103.

Yours very truly,

W.F.Moenke

W.F.Moenke

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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. .....

Date received .....

Participation .....

Mr. J. H. East, Jr. Regional Director
224 New Custom House
Denver 2, Colorado

Name and address of applicant

W. F. Moenke, 1416 Downing St
Denver 3, Colorado

Date

FILL IN THIS BLOCK

Date of application Nov. 14, 1950 ~~Jan. 15, 1951~~

Estimated cost $25,000

Mineral or metal Lead and Zinc ~~Carbonate mine near~~

Percentage of Government participation 50%

Location of mine Brockenridge, Summit Co. ~~Colorado~~

Date of filing MF-100 .....

DMA Docket Number, if available DMA 64

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?
*2. If a partnership, state names and addresses of partners.
*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.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
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 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)?

*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 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:

	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 ----------
(Name of company) (Signature of authorized official)

---------- ----------
(Date) (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

W.F.Moenke,Denver3,Colo.

AGREEMENT TO PURCHASE

This Agreement made and entered into this first day of August,1947,by and between Clarence E. Moon of Las Vegas, Nevada,hereinafter called First Party and W.F.Moenke of Denver,Colorado,hereinafter called Second Party

WITNESSETH:

Whereas First Party is the owner of One-half undivided interest in and to the Carbonate group of mining claims,situated in the Minnesota mining d istrict on the west slope of Mt. Baldy near Breckenridge,Summit county, Colorado and more particularly described as follows:

Name of lode mining claim	Summit county records Book	Page
Carbonate,also called Carbonate #1	15	296
Carbonate #2	17	106
Carbonate #3	16	363
Carbonate #4	16	364
Carbonate #5	20	444
Carbonate #6	20	445
Little Tommie #1	10	450
Little Tommie #2	10	450
Little Tommie #3	10	451
Little Tommie #4	10	451
Doubtful	16	228
Highland Mary	10	449
Gold King	10	449
Gold nugget	10	543
New Era	16	210
New Era #1	16	211

and Whereas,First Party is desirous of selling said described property to Second Party,

Now,Therefore, it is understood and agreed by and between both Parties hereto,that First Party in consideration of the covenants and promises to be performed by Second Party and in further consideration of one dollar in hand paid First Party by Second Party,receipt of which is hereby acknowledged,does by these presents agree to sell said described Carbonate mining property to Second Party upon the following conditions and terms:

Total purchase price to be $3000.00 if paid on or before August 1st.,1948 ; $3500.00 if paid On or before August 1st., 1949 ; $4000.00 if paid on or before August 1st.,1950; $4500.00 if paid on or before August 1st.,1951; $5000.00 if paid on or before August 1st.,1952.

Second Party shall pay First Party 20 per cent of all royalties on ores mined and sold from said property, said royalties to apply toward purchase price as shown above and to be paid monthly.Upon completion of purchase said royalties shall cease and First Party shall execute and deliver to Second Party a sufficient mining deed,free and clear of all debts and encumbrances.

This agreement and terms and provisions thereof,shall inure to the benefit of,and be binding upon,the parties hereto,their heirs,executors,administrators,successors and assigns.

In witness whereof,the parties hereto have executed this agreement in duplicate as of the day and year first above written.

W F Moenke
Second Party

Clarence E Moon
First Party

Denver3,Colorado
1416 Downing st.
Nov.11,1950

Mr. Clarence E.Moon
1028 Mesquite St.
Las Vegas
Nevada

Dear Mr. Moon

On August 1,1947,you,as the owner of a one half undivided interest in the Carbonate group of mining claims located near Breckenridge,Colorado and I,as the purchaser ofsaid group of mining claims over a period of five years,signed an "Agreement to Purchase," dated August 1st.1947.

I am requesting that you agree to extend the payments another five years as follows:

Total purchase price
$5500 if paid on or before August 1st,1953
$6000 " " " " " " ", 1954
$6500 " " " " " " ",1955
$7000 " " " " " " ",1956
$7500 " " " " " " ",1957

All other terms and covenants to remain as in the original "Agreement to Purchase,dated August 1st,1947

If the above meets with your approval,kindly sign in space provided below.

Yours very truly
W.F.Moenke
W.F.Moenke

Approved:
Clarence E. Moon
****
Clarence E.Moon

LETTER WITH fo[illegible]
[illegible]

W.F.Moenke, Denver3, Colo.

AGREEMENT TO PURCHASE

This AGREEMENT TO PURCHASE Made and entered into this Sixteenth day of May, 1948, by and between Albert E.Stephenson and Vera S.Pike, both of Denver, Colorado, hereinafter called First Party and W.F.Moenke of Denver, Colorado, hereinafter called Second Party

WITNESSETH:

Whereas First Party is the owner of two sixths undivided interest in and to the Carbonate group of mining claims, situated in the Minnesota mining district on the west slope of Mt. Baldy near Breckenridge, Colorado, in Summit County, and more particularly described as follows:

Name of lode mining claim -	---Summit county records Book	Page
Carbonate, also called Carbonate #1	15	296
Carbonate #2	17	106
Carbonate #3	16	363
Carbonate #4	16	364
Carbonate #5	20	444
Carbonate #6	20	445
Little Tommie #1	10	450
Little Tommie #2	10	450
Little Tommie #3	10	451
Little Tommie #4	10	451
Doubtful	16	228
Highland Mary	10	449
Gold King	10	448
Gold Nugget	10	543
New Era	16	210
New Era #1	16	211

and wheras First Party is desirous of selling said undivided interest in above described property to Second Party

Now, Therefore, it is understood and agreed by and between both Parties hereto, that First Party in consideration of the covenants and promises to be performed by Second Party and in further consideration of one dollar in hand paid First Party by Second Party, receipt of which is hereby acknowledged, does by these presents agree to sell said two sixths undivided interest in above described property to Second Party upon the following conditions and terms: Total purchase price to be $2000.00 if paid or before May 16th.1949; $2400.00 if paid on or before May 16th., 1950; $2800.00 if paid on or before May 16th., 1951; $3200.00 if paid on or before May 16th., 1952; $3600.00 if paid on or before May 16th., 1953..

Second Party shall pay First Party twenty per cent of all royalties on ores mined and sold from said property, said royalties to apply towards purchase price as shown above and to be paid monthly. Upon completion of purchase said royalties shall cease and First Party shall execute a sufficient mining deed, free and clear of all debts and encumbrances.

This Agreement and terms and provisions thereof, shall inure to the benefit of, and be binding upon, the Parties hereto, their heirs, executors, administrators, successors and assigns.

In witness whereof, the parties hereto, have executed this agreement in duplicate as of the day and year first above written.

Second Party

W F Moenke

First Party

Vera S. Pike

Albert E. Stephenson

R I D E R

IT IS HEREBY MUTUALLY AGREED by and between the parties hereto that this Rider shall become part and parcel of the attached Contract as if set forth therein.

IT IS FURTHER MUTUALLY AGREED that Party of the Second Part will perform a minimum of four hundred (400) shifts per year upon the Mining Claims described in said Agreement to Purchase, and will pay to Party of the First Part a minimum of Two Hundred Dollars ($200.00) within one (1) year from date hereof if said Option to Purchase is not exercised, and likewise, a further Two Hundred Dollars ($200.00) each year that said option is not exercised, which payments shall not apply toward said purchase price.

Albert E. Stevenson
Vera S. Pike
First Party

W. F. Moeuke
Second Party

Denver3,Colorado
1416 Downing st.
April 30,1951

Mr. Albert E.Stephenson
Mrs. Vera s.Pike
Denvef,Colorado

Dear sir and Madam:

On May 16th.1948,you,as owner of two sixths undivided interest in the Carbonate group of mining claims located near Breckenridge, Colorado and I,as purchaser of said group of mining claims,signed an "Agreement to Purchase",dated May 16, 1948.

I am requesting that you agree to extend the payments as follows:

$4000	if	paid	on	or	before	May	16,1954
$4400	"	"	"	"	"	"	,1955
$4800	"	"	"	"	"	"	,1956
$5200	"	"	"	"	"	"	,1957
$5600	"	"	"	"	"	"	,1958
$6000	"	"	"	"	"	"	,1959
$6400	"	"	"	"	"	"	,1960
$6800	"	"	"	"	"	"	,1961

All other terms and covenants to remain as in the original "Agreement to Purchase",dated May 16th.,1948.

If the above meets with your approval,kndly sign in space provided below.

Yours very truly,

W.F.Moenke

Approved:

Albert E. Stephenson
Albert E.Stephenson

Vera S. Pike
Vera S.Pike

W.F.Moenke,Denver3,Colo.

OPTION TO PURCHASE *

This OPTION TO PURCHASE,made and entered into this 9th. day June,1948,A.D.,by and between Earl A.Stephenson,Denver,Colorado, hereinafter called First Party and W.F.Moenke,Denver,Colorado, hereinafter called Second Party

WITNESSETH,

Whereas First Party is the owner of one-sixth undivided interest in and to the Carbonate group of mining claims, situated in Minnesota mining district on the west slope of MT.Baldy near Breckenridge in Summit county,Colorado,and more particularly described as follows:

Name of claim	Summit county record	
	Book	Page
Carbonate,also called Carbonate #1	15	296
Carbonate #2	17	106
Carbonate #3	16	363
Carbonate #4	16	364
Carbonate #5	20	444
Carbonate #6	20	445
Little Tommie #1	10	450
Little Tommie #2	10	450
Little Tommie #3	10	451
Little Tommie #4	10	451
Doubtful	16	228
Highland Mary	10	449
Gold King	10	448
Gold Nugget	10	543
New Era	16	210
New Era #1	16	211

and whereas First Party is desirous of selling said one-sixth undivided interest in the above described property to Second Party

Now,Therefore,it is mutually understood and agreed by and between both Parties hereto,that First Party in considerations of the covenants and promises to be performed by Second Party and in further consideration of one dollar in hand paid First Party by Second Party,receipt of which is hereby acknowledged, does by these presents agree to sell said one-sixth undivided interest in above described property to Second Party upon the following conditions and terms:

$25.00 to be paid by Second Party to First Party on or before June 10,1948; $50.00 on or before July 10,1948; $125.00 on or before August 10,1948.

Total purchase price to be $1200.00 if paid on or before June 9,1949; $1400.00 if paid on or before June 9,1950; $1600.00 if paid on or before June 9,1951; $1800 if paid on or before June 9,1952; $2000.00 if paid on or before June9, 1953.

Second Party shall pay First Party ten per cent of all royalties on ores mined and sold from said property,said royalties to apply towards purchase price as shown above and to be paid monthly.Upon complation of purchase said royalties shall cease and First Party shall execute a sufficient mining deed,free and clear of all debts and encumbrances.

It is further mutually agreed that Second Party will perform a minimum of four hundred (400) shifts per year upon the above described property,and will pay to First Party a minimum of one hundred dollars ($100.00)within one year from date hereof if said option is not exercised,and likewise, a further one hundred dollars($100.00)each year that said option is not exercised,which payments shall not apply toward said purchase price.

This option and terms and provisions thereof,shall inure to the benefit of,and be binding upon,the Parties hereto,their heirs,executors,administrators,successors and assigns.

In witness whereof,the Parties hereto have executed this option in duplicate as of the day and year first above written.

W.F. Moenke
Second Party

First Party
Earl A. Stephenson

Denver3,Colorado
1416 Downing st.
May 1st.,1951

Mr. Earl A.Stephenson
Denver,Colorado

Dear Mr. Stephenson:

On June 9,1948,you,as the owner of one sixth undivided interest in the Carbonate group of mining claims located near Breckenridge, Colorado and I,as purchaser of said group of mining claims over a period of years,signed an "Agreement to Purchase",dated June 9th.,1948.

I am requesting that you extend the period of payments as follows:

$2200	if	paid	on	or	before	June	9,1954
$2400	"	"	"	"	"	"	,1955
$2600	"	"	"	"	"	"	,1956
$2800	"	"	"	"	"	"	,1957
$3000	"	"	"	"	"	"	,1958
$3200	"	"	"	"	"	"	,1959
$3400	"	"	"	"	"	"	,1960
$3600	"	"	"	"	"	"	,1961

All other terms and covenants to remain as in the original "Agreement to Purchase",dated June 9,1948

If the above request meets with your approval, kindly sign in space provided below.

Yours very truly,

W.F.Moenke

Approved:

Earl A.Stephenson

DMA-64
Lead-Zinc

W. F. Moenke, Denver, Colorado

2/21/51

The Operating Committee approved and forwarded a memorandum to the Field Team, Region IV, from the Lead-Zinc Branch referring the subject application to the field with the recommendation that the applicant be denied a loan of $25,000 but that the application might be considered for a grant-for-exploration loan under DMA and in this case a field examination would be necessary. A letter to the applicant informing him of this action was approved and forwarded.

February 12, 1951

Memorandum

To: Executive Officer of Field Team, Region IV

From: Lead-Zinc Branch, DMA

Subject: Docket DMA-44
Carbonate Mine
W. F. Roemke
1416 Downing Street
Denver 3, Colorado

REGIONAL DIRECTOR'S OFFICE
REGION IV
MAR 9 - 1951
BUREAU OF MINES
DENVER, COLORADO

This subject docket has been reviewed by the Lead-Zinc Branch, DMA. The applicant requests a loan for development in the amount of $25,000. The proposed project calls for several hundred feet of drifting, crosscutting and raising. The work to be done is necessary in order to put the mine in shape for a larger operation than was carried on during previous operational periods.

There are no measured ore reserves. It is estimated by the applicant that the property contains 3,500 tons of indicated ore and 6,000 tons of inferred ore. The estimates are based on the projection of ore bearing veins to depths greater than that reached by mining. The mine did not produce during the war years. The past production has been small and unquestionably mined for the gold and silver values.

Recommendation:

The Lead-Zinc Branch recommends that the application not be considered for a loan of $25,000. This recommendation is based on the following facts:

1. Past production has been small. The mine has not been able to operate during several periods of high base metal markets.

2. There are no measured ore reserves and there is little evidence presented to substantiate the alleged inferred tonnage.

3. The mine is primarily a gold-silver proposition and promises little in the way of significant base metal production.

4. No loans are being granted at this time for marginal production of lead as the supply picture is not so critical as for some other minerals, hence only the more promising deposits are being considered.

It is possible that this mine might be considered for the Defense Minerals Administration's grant-for-exploration program. Therefore, the application is being referred to the field team for concurrence in the above recommendation and advice concerning a possible grant-for-exploration. If it is considered for an exploration grant a geological field examination will be necessary before the recommendation can be submitted.

OTTO KREIS, Chief
Land-Mine Branch, DMA

Approved:
DMA Operating Committee

_____
Chairman

_____
J. L. Hedges

_____
Olaf E. Nove

ALBROKAN:jab
G-2/12/51

copy to: Chief, Land-Mine Branch
Geological Survey - McKnight
J. M. Hooper
R. N. Mote
Shrubal
Mittenderf
2 copies to Executive Officer,
Regional Field Team, Region IV
Files

W. F. Moenke

MAR 7 1951

February 12, 1951

Memorandum

To: Executive Officer of Field Team, Region IV

From: Lead-Zinc Branch, DMA

Subject: Docket DMA-64
Carbonate Mine
W. F. Moenke
1416 Downing Street
Denver 3, Colorado

W. F. Moenke

This subject docket has been reviewed by the Lead-Zinc Branch, DMA. The applicant requests a loan for development in the amount of $25,000. The proposed project calls for several hundred feet of drifting, crosscutting and raising. The work to be done is necessary in order to put the mine in shape for a larger operation than was carried on during previous operational periods.

There are no measured ore reserves. It is estimated by the applicant that the property contains 5,000 tons of indicated ore and 65,000 tons of inferred ore. The estimates are based on the projection of ore bearing veins to depths greater than that reached by mining. The mine did not produce during the war years. The past production has been small and unsuccessfully mined for the gold and silver values.

Recommendation:

The Lead-Zinc Branch recommends that the application not be considered for a loan of $25,000. This recommendation is based on the following facts:

1. Past production has been small. The mine has not been able to operate during several periods of high base metal markets.

2. There are no measured ore reserves and there is little evidence presented to substantiate the sizeable inferred tonnage.

3. The mine is primarily a gold-silver proposition and promises little in the way of significant base metal production.

4. No loans are being granted at this time for marginal production of lead as the supply picture is not as critical as for some other minerals, hence only the more promising deposits are being considered.

It is possible that this mine might be considered for the Defense Minerals Administration's grant-for-exploration program. Therefore, the application is being referred to the field team for concurrence in the above recommendation and advice concerning a possible grant-for-exploration. If it is considered for an exploration grant a geological field examination will be necessary before the recommendation can be submitted.

/s/ OTTO RIEMER, Chief
Lead-Zinc Branch, DMA

Approved:
DMA Operating Committee

/s/ Mittendorf
Chairman

/s/ J. Brown
J. H. Hedges

/s/ Rove
Olaf K. Rove

ALBRECHAM:jah
6-6/12/51

copy to: Chief, Lead-Zinc Branch
Geological Survey - McKnight
J. H. Hedges
R. H. Mote
Strobel
Mittendorf
2 copies to Executive Officer,
Regional Field Team, Region IV
Files

February 2, 1951

Mr. M. F. Meeuhs
1414 Denning Street
Denver 3, Colorado

Dear Mr. Meeuhs:

Your application (Docket DMA 64) for a Government loan under the provisions of the Defense Production Act of 1950 has been reviewed by the Lead-Zinc Branch of the Defense Minerals Administration. Before final decision can be taken on your request it will be necessary to obtain additional information on your property. Your application, therefore, has been referred to the appropriate field office with the request that the needed information be supplied to us.

Yours very truly,

S. N. Williston, Director
Supply Division
Defense Minerals Administration

Al Brokaw:jah
6-2/2/51

copy to: Chief, Lead-Zinc Branch
Geological Survey - Ashlight
J. H. Hodges
R. H. Mate
2 copies to Executive Officer,
Regional Field Team, Region IV
Strobel
Hittenderf
Files

BD

February 2, 1951

Memorandum

To: Executive Officer of Field Team, Region IV

From: Lead-Zinc Branch, DMA

Subject: Docket DMA 64
W. F. Meenke
1414 Reading Street
Denver 3, Colorado

These forms, M.S.H.B. 144, were submitted by the applicant in response to a request by the Lead-Zinc Branch, DMA.

The original application was referred to the field for review. This supporting data should be made a part of the original application.

OTTO HERZOG, Chief
Lead-Zinc Branch, DMA

Approved:
DMA Operating Committee

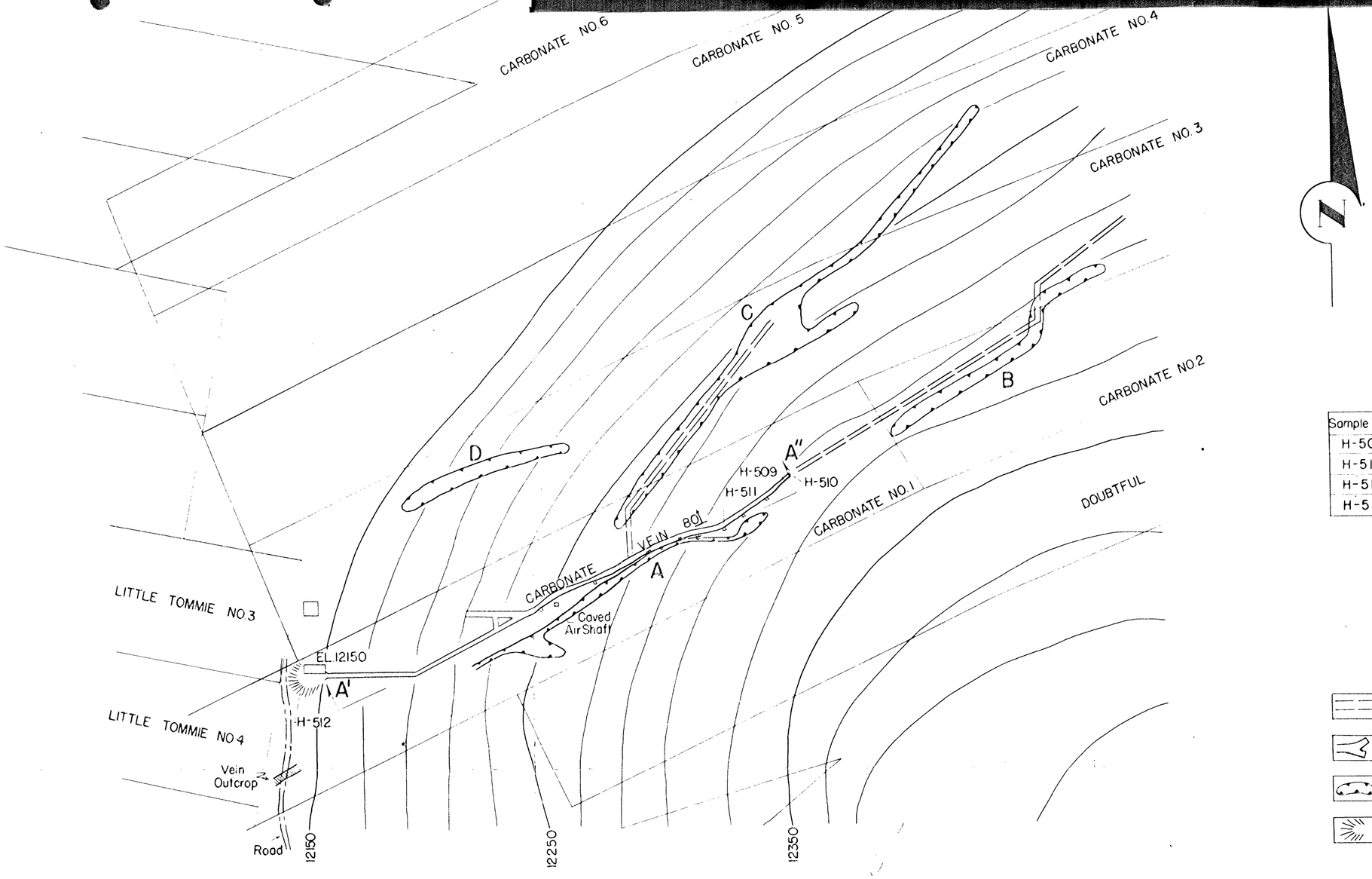
_____
Chairman

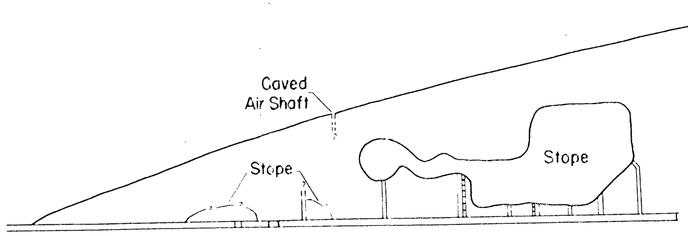
_____
J. H. Hodges

_____
Olaf H. Hove

copy to: Chief, Lead-Zinc Branch
Geological Survey - McKnight
J. H. Hodges
R. H. Hove
2 copies to Executive Officer,
Regional Field Team, Region IV
Strobel
Kittendorf
Files

Al Review: jch
8-2/2/51





SECTION A'-A" ALONG PLANE OF VEIN

Sample No	Width	Au Oz	Ag Oz	Pb %	Zn %	Oxide Pb %	Oxide Zn %
H-509	0.8'	<.005	0.4	0.25	0.95	< .1	005
H-510	0.6'	<.005	0.4	0.4	0.25	< .1	< .05
H-511	0.7'	0.18	0.6	1.0	0.6	< .1	< .05
H-512	Grab	0.03	1.3	1.85	0.45	0.4	< .05

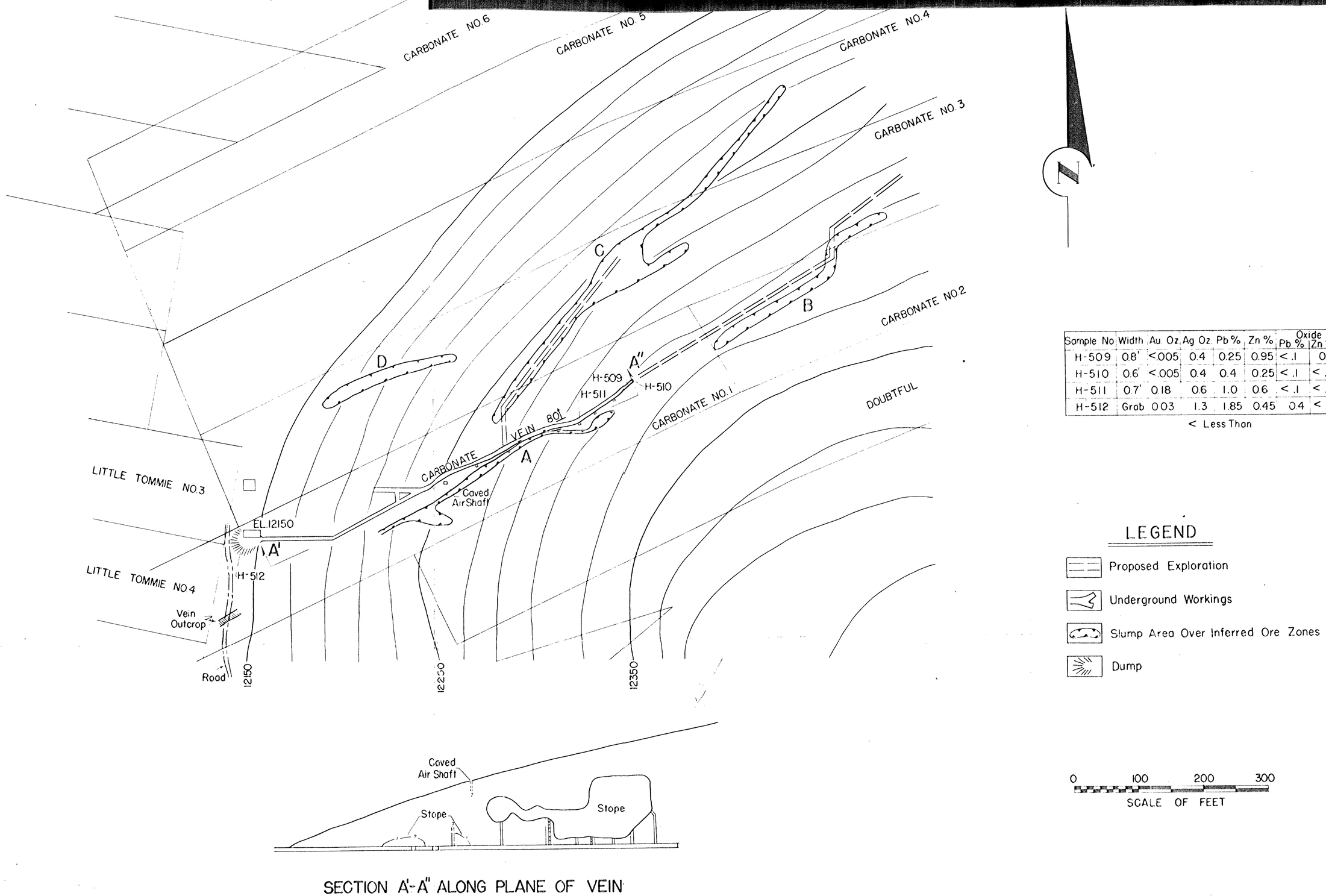
< Less Than

LEGEND

- Proposed Exploration
- Underground Workings
- Slump Area Over Inferred Ore Zones
- Dump.

0 100 200 300
SCALE OF FEET

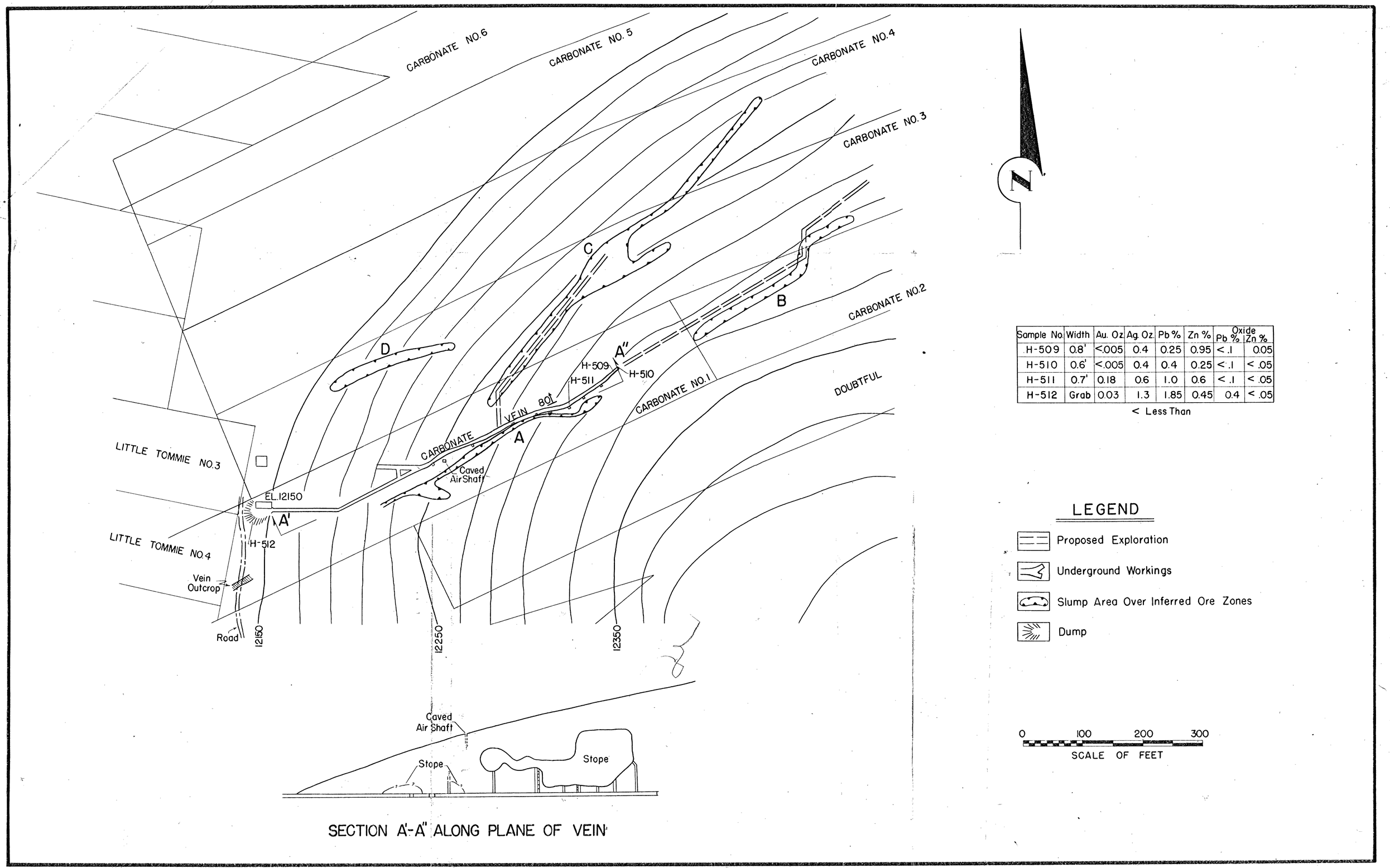
Fig.2-MAP OF CARBONATE MINE, SUMMIT COUNTY, COLORADO (DMA-64)



Sample No	Width	Au Oz	Ag Oz	Pb %	Zn %	Oxide Pb %	Oxide Zn %
H-509	0.8'	<.005	0.4	0.25	0.95	< .1	0.05
H-510	0.6'	<.005	0.4	0.4	0.25	< .1	< .05
H-511	0.7'	0.18	0.6	1.0	0.6	< .1	< .05
H-512	Grab	0.03	1.3	1.85	0.45	0.4	< .05

< Less Than

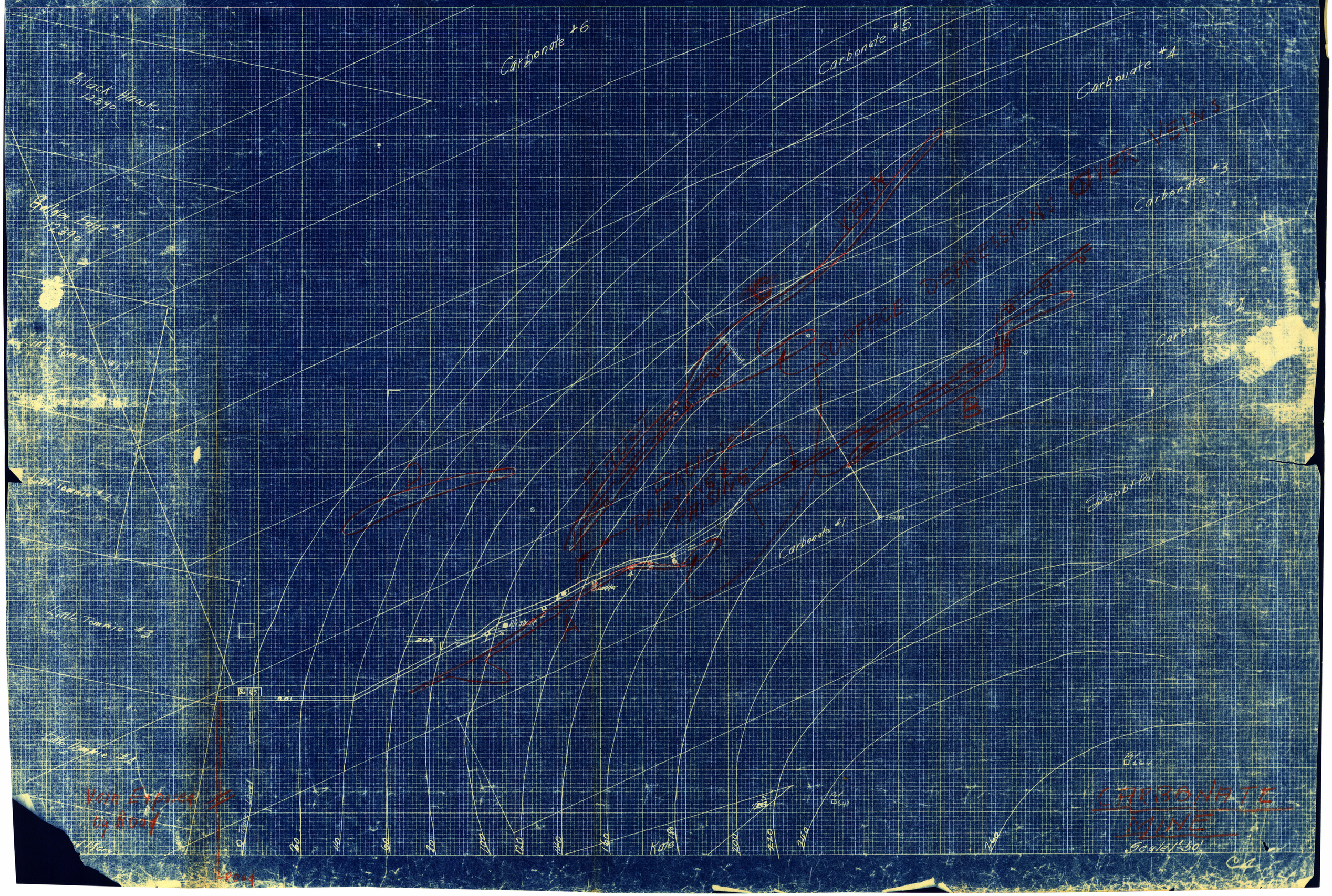
Fig.2-MAP OF CARBONATE MINE, SUMMIT COUNTY, COLORADO (DMA-64)

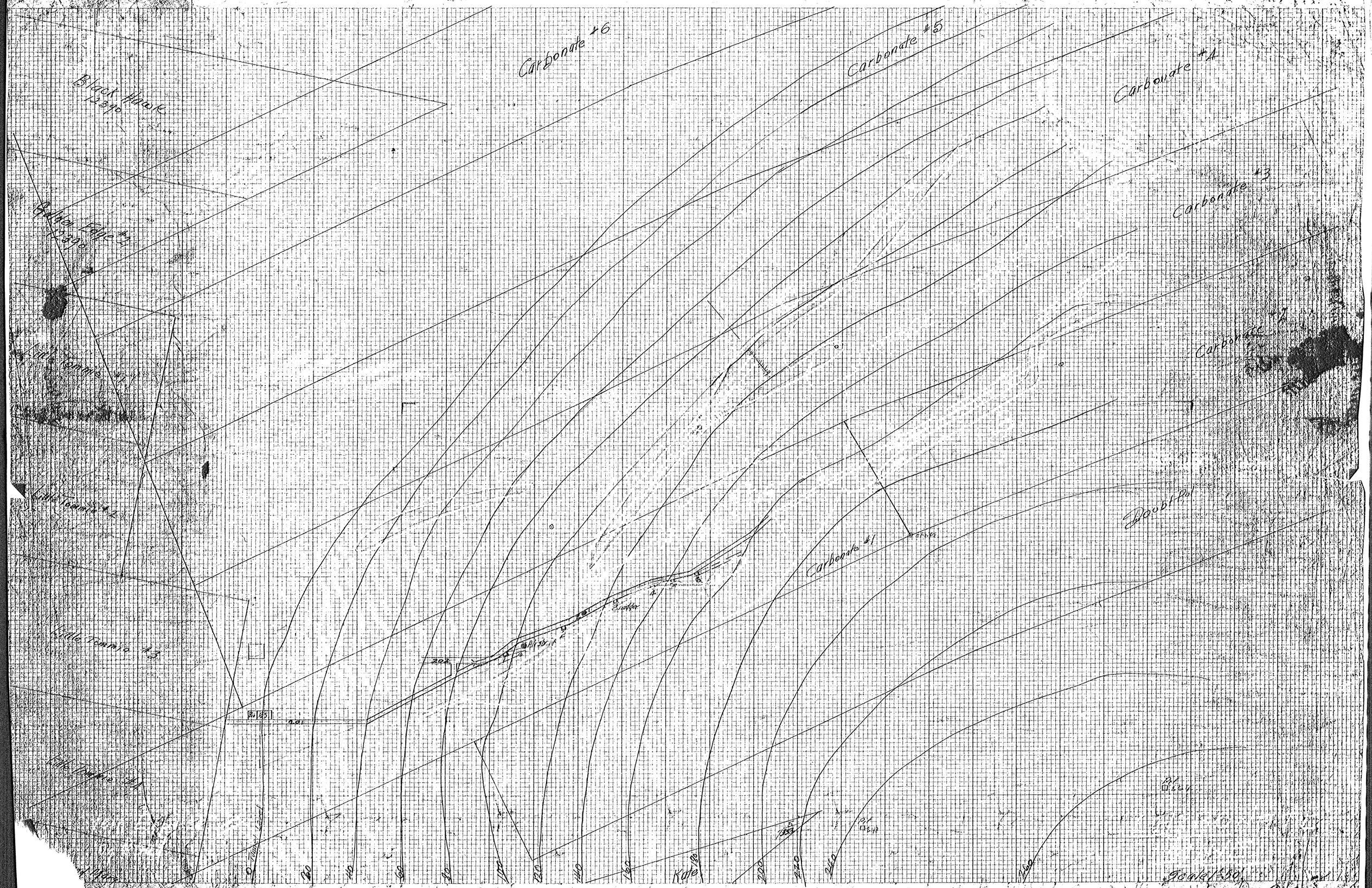


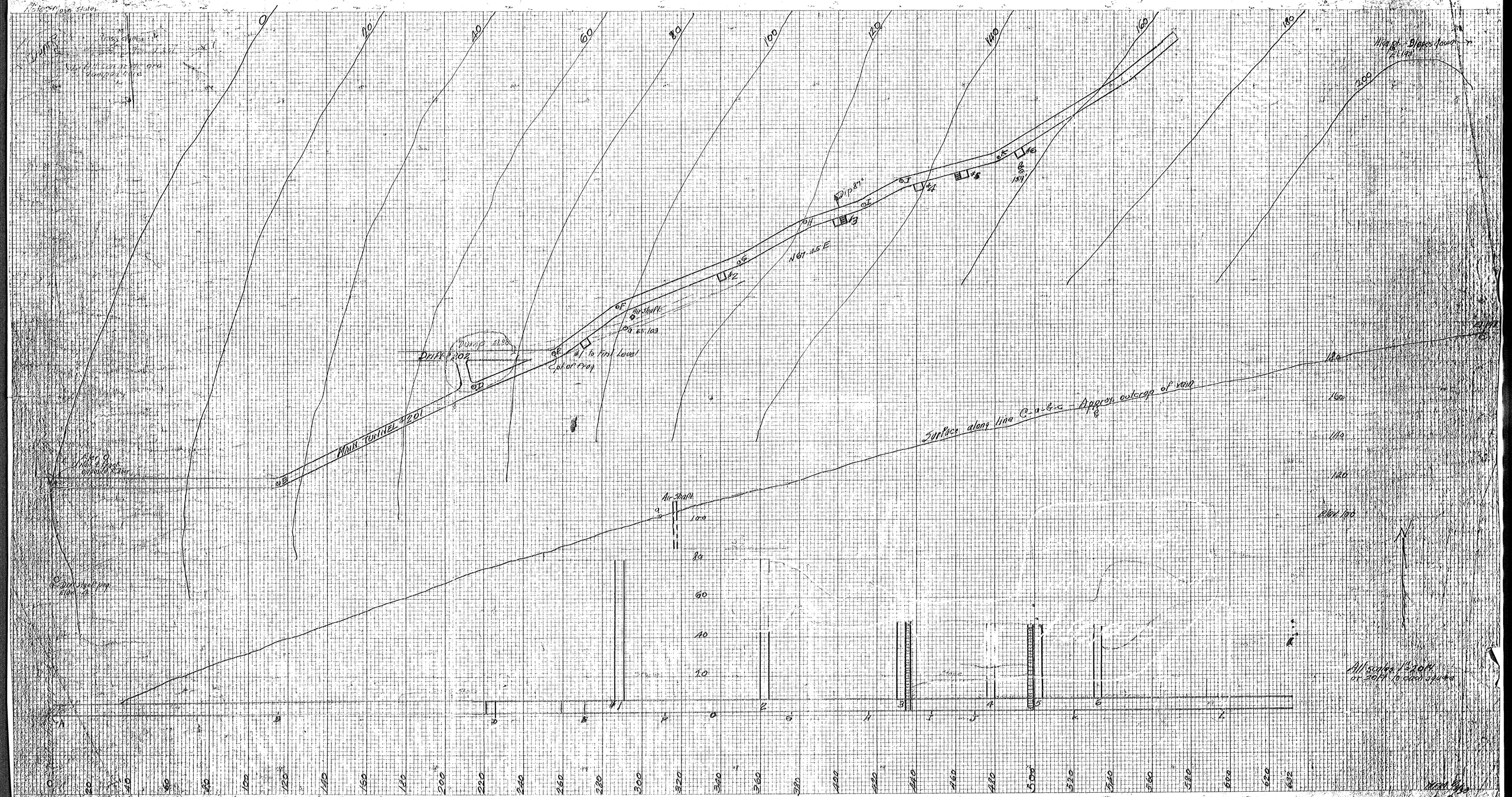
Sample No.	Width	Au. Oz.	Ag. Oz.	Pb %	Zn %	Oxide Pb %	Oxide Zn %
H-509	0.8'	<.005	0.4	0.25	0.95	< .1	0.05
H-510	0.6'	<.005	0.4	0.4	0.25	< .1	< .05
H-511	0.7'	0.18	0.6	1.0	0.6	< .1	< .05
H-512	Grab	0.03	1.3	1.85	0.45	0.4	< .05

< Less Than

Fig.2-MAP OF CARBONATE MINE, SUMMIT COUNTY, COLORADO (DMA-64)


Carbonate #6
Carbonate #5
Carbonate #4
Carbonate #3
Carbonate #2
Carbonate #1
Black Hawk 1890
Silver Lake #2 1890
Little Tennessee #1
Little Tennessee #2
Little Tennessee #3
Little Tennessee #4
Doubtful
Vein Exposed by Roof
Roof
Kate
CARBONATE MINE
Scale 1:50


Carbonate #6
Carbonate #5
Carbonate #4
Carbonate #3
Carbonate #2
Carbonate #1
Black Hawk
Doubtful
Kite
Tonka
Bladder
202
125


Surface along line C-a-b-c Approx. outcrop of vein
Main Tunnel #201
Drift #202
Dump
Air Shaft
Dip 81°
N 67 45 E
All scales 1" = 20 ft
or 20 ft to one square