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JUL 20 1956

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

Ogle Swingle
Gerlach, Nevada

pertaining to Exploration Project Contract No. Idm-8891, Docket No. DMEA-3684, for the months of August and September 1955, covering a project for the exploration of zinc-lead, on property, known as the Leadville Mine, located in Washoe County, Nevada.

My review included an examination of the Monthly Reports (Forms MF-104) and supporting documents attached thereto, comparison of the costs claimed with the contract and pertinent schedules, consultation with Executive Officer in charge of the project, and a determination of the reasonableness and propriety of the costs.

This review was made in lieu of a final audit of the Operator's accounts and records for the following reason:

All of the costs incurred were under a contract provision for payment by the Government on the basis of fixed unit costs of units of work actually performed.

The review disclosed the following facts in regard to the amount paid or to be paid the contractor:

Total cost as billed by contractor	$300.00
Exceptions	None
Total Accepted Cost	$300.00

The contract calls for a 50 percent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of One Hundred Fifty and 00/100 Dollars:

** $150.00 **

is considered valid and proper, provided the Regional Executive Officer, the Administrator or other competent official has accepted or will accept the project as having otherwise met the terms of the contract.

George Mavor
George Mavor
Auditor

July 17, 1956

Division Copy

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JUL 26 1956

Indentg 6/26/56
Appr. Col. Off.

TERMINATION AGREEMENT

It is agreed this 2nd day of July, 1956, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration and Ogle Swingle, parties to Exploration Project Contract Idm-E821, Docket No. DMEA-3684, dated June 21, 1955, that:

1. Effective October 1, 1955, the Contract and all obligations of the parties thereunder, except as otherwise herein expressly provided, shall be and are hereby terminated.

2. The Government shall contribute only to the fixed unit costs of work performed prior to said effective date.

3. The Operator shall promptly perform all winding-up and settlement actions provided for in the Contract, including the rendering of the final report and final account. All rights of the Government under the Contract with respect to records, audits, and recovery of any overpayment are preserved.

4. The Operator hereby releases and agrees to save the Government harmless from all claims or demands under or arising out of said Contract, except as otherwise provided in this Termination Agreement.

IN WITNESS WHEREOF, these parties have executed this agreement as of the day and year first above written.

THE UNITED STATES OF AMERICA

By C. Mitteudorf
Administrator, Defense Minerals
Exploration Administration

Selfridge

Ogle Swingle
Ogle Swingle, Operator

Division Copy

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JUL - 5 1955

MF-200A
(Revised June 1954)

Docket No. DMEA-3[illegible]

Commodity [illegible]

Contract No. Idm-E 821

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
EXPLORATION PROJECT CONTRACT[1]
(Short Form)

It is agreed this 21st day of June, 195 5, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and [2] [illegible],

whose mailing address is [illegible],

hereinafter called the "Operator," as follows:

ARTICLE 1. *This contract* is entered into under the authority of the Defense Production Act of 1950, as amended. It consists of this form (MF-200A), the attached Exhibit "A," Annex I, and [illegible].

The Operator shall not transfer or assign this contract or any right thereunder without the written consent of the Government.

ARTICLE 2. *Operator's property rights.*—(a) The land which is the subject of this contract (hereinafter called "the land") is in the State of [illegible], County of [illegible], and is described in Annex I.[3]

(b) The Operator represents and undertakes that:

(1) The Operator is the [4] See Annex I of [5] See Annex I in the land, in possession and entitled to possession for all of the purposes of this contract, under and by virtue of a [6] See Annex I, [7] [illegible] recorded in Book [illegible], page [illegible], official records of said County; and

(2) The Operator's right, title, or interest (whether as owner, lessee, or otherwise) is subject only to the following claims, liens, or encumbrances: None

(c) The Subordination Agreement of the holder of any claim, lien, or encumbrance listed above, and (if the Operator does not hold the legal title) the Consent to Lien of any holder of the legal title of the land (lessor, seller, optionor, etc.), are attached, as follows:

---

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] Insert name, and if an organization, its nature (corporation and place of incorporation, partnership with names of partners, etc.).
[3] State on a separate sheet marked "Annex I" the legal description or enough to identify the property, particularly excluding any areas from which the production is not to be subject to the Government's percentage royalty.
[4] Insert "owner," "lessee," "contract purchaser," "locator," etc.
[5] Insert "the entire interest," "the mineral rights," "an undivided one-third," etc.
[6] Insert "deed," "lease," "contract," "location notice," "patent," etc.
[7] If not recorded, so indicate by inserting "un,"

16—70618-1

(d) The Operator shall preserve and maintain his right, title, and interest in the land and his right to the possession thereof for the purposes of this contract, and shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of this contract. Until the lapse of the time within which the Government may make a certification of discovery or development without any such certification having been made, and after any such certification has been made, the Operator shall neither transfer, convey, nor surrender the land nor any right, title, or interest therein, nor permit nor suffer any claim, lien, or encumbrance thereon, without expressly referring to and providing in the instrument of conveyance, lien, or encumbrance for the preservation of the Government's right to a percentage royalty on production and lien for the payment thereof. If the Government makes no certification of discovery or development within the time limited in Article 7, it shall thereafter have no claim against the land or any production therefrom except for any production referred to in Article 7(b)(1).

ARTICLE 3. *The exploration project.*—The project is a search for indicated or undeveloped deposits of lead and zinc. The work to be performed is described in Exhibit "A." The Operator on or before August 15, 1955 shall commence the work, and on or before July 1, 1956 (unless the Operator's obligation to complete the work is terminated—see Article 8) shall complete the work.

ARTICLE 4. *Performance of the work.*—(a) *Operator's responsibility.*—The work shall be performed with reasonable diligence, efficiently, expertly, in a workmanlike manner, in accordance with good mining standards and State regulations for health and safety and for liability insurance covering employment; and with suitable and adequate equipment, facilities, materials, supplies, and labor, to bring it to completion within the time fixed.

(b) *Government may inspect.*—The Operator shall consult with and inform the Government on all phases of the work as it progresses. The Government may enter at all reasonable times to inspect the work under the contract, and also after a certification of discovery or development to inspect production operations and underground workings. The operator shall provide the Government with all reasonable means of access for such inspections.

ARTICLE 5. *Contribution by the Government.*—A fixed cost for each unit of work to be performed (per foot of drifting, per foot of drilling, per hour of operations, etc.) is hereby agreed upon, and is set forth in Exhibit "A" in connection with the estimated total cost of the project in the sum of $15,300.00. The Government will contribute 50 percent of the fixed unit costs as work is performed, in a total sum not in excess of $7,650.00: *Provided,* That until the Operator has rendered to the Government his final report, 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 10 percent of the estimated total cost of the work. The Government will make its contribution on the basis of the monthly vouchers referred to in Article 6(b), but all payments by the Government are provisional only, subject to audit, until the account between the Operator and the Government is finally audited and settled. To the extent that excesses over fixed unit costs or any excess over the estimated total cost may be necessary for the performance of the work, the Operator shall incur and pay such excesses for his own account without contribution by the Government. The Government may make payments directly to independent contractors and suppliers for the account of the Operator rather than to the Operator.

ARTICLE 6. *Reports, accounts, audits.*—(a) *Operator's records.*—The Operator shall keep suitable records and accounts of the units of work performed and of any production in which the Government may have an interest; and shall preserve those with respect to work performed for at least three years after final payment by the Government, and those with respect to production for at least three years after any obligation to pay royalties to the Government has terminated. The Government may inspect and audit said records and accounts at any time, either by itself or by a certified public accountant. The Comptroller General of the United States or his representative, until the expiration of said three-year periods, shall have access to and the right to examine any pertinent books, documents, papers, and records of the Operator. All of the Operator's vouchers and records and accounts relating thereto and the Government's payments thereof remain subject to adjustment until final audit by the Government.

(b) *Progress reports and vouchers.*—The Operator shall provide the Government with five copies of monthly progress reports in three sections as follows: (1) Operator's Monthly Report and Voucher showing a detailed statement of units of work performed during the reporting period; (2) Operator's Unit Cost and Progress Report showing the various types of work performed during the reporting period and the fixed unit costs incurred for each type of work; and (3) a Narrative Report of the work

performed during the reporting period including adequate engineering-geological maps or sketches, drill hole logs and locations, and assay reports on samples taken concurrently with advance in mineralized ground. (Forms for reporting under (1) and (2) above will be provided by the Government.)

(c) *Final report.*—Upon completion of the work or termination of the Government's obligation to contribute to costs, the Operator shall furnish the Government with five copies of a final report (in addition to the final progress report and voucher). This final report shall include a geological and engineering evaluation of the results of the work performed under the contract with an estimate of the ore reserves resulting from such work, complete assay data, adequate geological and engineering maps or sketches, and a summary of the work performed and the unit costs thereof.

(d) *Report of sales.*—The Operator shall provide the Government with suitable accounting and documentary evidence covering all production to which the Government's percentage royalty relates, such as copies of smelter or concentrator settlement sheets, and certified accounts of production and sale or other disposition of production.

(e) *Compliance with requirements.*—If in the opinion of the Government any of the Operator's reports, records, or accounts are insufficient or incomplete, or if the Operator fails to make them, the Government may procure the making or completion of such with suitable attachments as an expense of the work to which the Operator shall contribute. The Government may withhold approval and payment of any vouchers relating to insufficient or incomplete reports, records or accounts.

ARTICLE 7. *Repayment by Operator.*—(a) *Certification.*—If the Government considers that a discovery or development from which production may be made has resulted from the work, the Government, at any time not later than six months after a sufficient final report and final account (see Article 6) has been rendered, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development.

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

(c) *Basis for computation.*—The Government's royalty shall be a percentage of the gross proceeds (including any bonuses, premiums, allowances, or other benefits) from the production sold, in the form sold (ore, concentrates, metal, or equivalent), at the point of delivery (the f. o. b. point); *except,* that charges of *the buyer* arising in the regular course of business, and shown as deductions on the buyer's settlement sheets, on account of the cost of treatment processes performed by *the buyer,* sampling and assaying to determine the value of the production sold, and freight paid by *the buyer* to a carrier (not the Operator), shall be allowed as deductions in arriving at the "gross proceeds" as that term is used herein. Any costs of treatment processes, sampling or assaying, or transportation, performed or paid by the Operator or by anyone other than the buyer, are not deductible in arriving at the "gross proceeds" as that term is here used. The term "treatment processes," as here used, means those processes (such as milling, concentrating, smelting, refining, or equivalent) applied to the crude ore or other production after it is extracted from the ground, to put it into a commercially marketable form; excluding fabricating or manufacturing.

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

(e) *Percentages of royalty.*—The percentages of the Government's royalty shall be as follows:

One and one-half (1½) percent of amounts ("gross proceeds" or "value") not in excess of eight dollars ($8.00) per ton of production in the form in which sold, held, or used, plus one-half (½) percent for each additional full fifty cents ($0.50) by which such amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) percent of such amounts.

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

(f) *Time for computation and payment.*—The Government's royalty shall be computed and paid currently upon each lot sold, held, or used in integrated operations, as the case may be, as above provided in this article.

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

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

(i) *No obligation to produce.*—Nothing in this contract is to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any production operations.

(j) *Government not obligated to buy.*—Nothing in this contract shall be construed as imposing any obligation on the Government to purchase any minerals mined or produced from the land.

ARTICLE 8. *Termination of the Government's obligations.*—(a) If in the opinion of the Government operations at any time have failed to achieve anticipated results that indicate the probability of making a worthwhile discovery, and in the opinion of the Government further operations are not justified, the Government may give the Operator written notice thereof, and thereupon the Government shall be free of all obligation to pay on account of units of work not then performed, and the Operator shall be free of all further obligation to prosecute the work other than such as may be necessary and incidental to winding up, reporting, and accounting.

(b) If in the opinion of the Government the Operator is in any manner in default under the terms of the contract, the Government may give the Operator written notice of such default with a specification of reasonable time within which the default must be cured; and if the Operator fails to cure such default as required, thereupon the Government shall be relieved of all obligation to pay on account of units of work not performed when the notice was given, and the Operator shall be free of all obligation to prosecute the work other than such as may be necessary and incidental to winding up, reporting, and accounting. The remedy provided for the Government in this paragraph "(b)" is in addition to any other remedy provided in this contract, and in addition to any other remedy the law may provide for breach of contract.

(c) The giving of any notice by the Government under the provisions of this Article 8 shall not affect the Government's rights as provided for in the contract with respect to a percentage royalty, and such rights shall be fully preserved.

ARTICLE 9. *Notices to be given by the Government* may be delivered to the Operator, or may be sent by registered mail addressed to the Operator at his mailing address stated in this contract. If mailed, notices are deemed to have been delivered five days after the date of mailing.

ARTICLE 10. *Officials not to benefit.*—No member of or delegate to Congress or resident commissioner shall be admitted to any share or part of this contract or to any benefit that may arise therefrom; but this provision shall not be construed to extend to this contract if made with a corporation for its general benefit.

ARTICLE 11. *Changes and added provisions.*—

Executed in sextuplicate the day and year first above written.

Ogle Swingle

OGLE SWINGLE
(Operator)

THE UNITED STATES OF AMERICA

By O P Mitteendorf
Administrator, Defense Minerals
Exploration Administration

BY

"Appd. Sol. Off."
Insured
Talbot
Selfridge

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—70618-1

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JUL - 5 1955

EXPLORATION PROJECT CONTRACT
OGLE SWINGLE
DOCKET NO. DMEA-3684

ANNEX I

The land referred to in Article 2 of the contract consists of the following mining claims:

UNPATENTED CLAIMS OWNED BY OPERATOR

Colorado

Colorado No. 1

Anchor

PATENTED CLAIM OWNED BY OPERATOR

Tahoqua, patent number 3178

All of the above claims are shown on the attached map entitled "Plan Map Showing Proposed Exploration, Leadville Mining District."

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JUL - 5 1955

EXPLORATION PROJECT CONTRACT
OGLE SWINGLE
DOCKET NO. DMEA-3684

EXHIBIT "A"

Description of the Work

The purpose of the project is to explore for ores of lead and zinc. The work is divided into two stages, 200 feet of drifting under Stage I and 300 feet of drifting under Stage II, or a total of five hundred feet of drifting, all in a southwesterly direction on the New Vein at the level of the Swingle crosscut tunnel. All drifting shall be timbered as necessary and shall be a minimum size of 5 feet by 7 feet in cross section, in the clear of timber.

The Operator shall perform all of Stage I and so much of the work under Stage II as is approved in writing in advance by the Government.

All work is shown in red on the attached Plan Map.

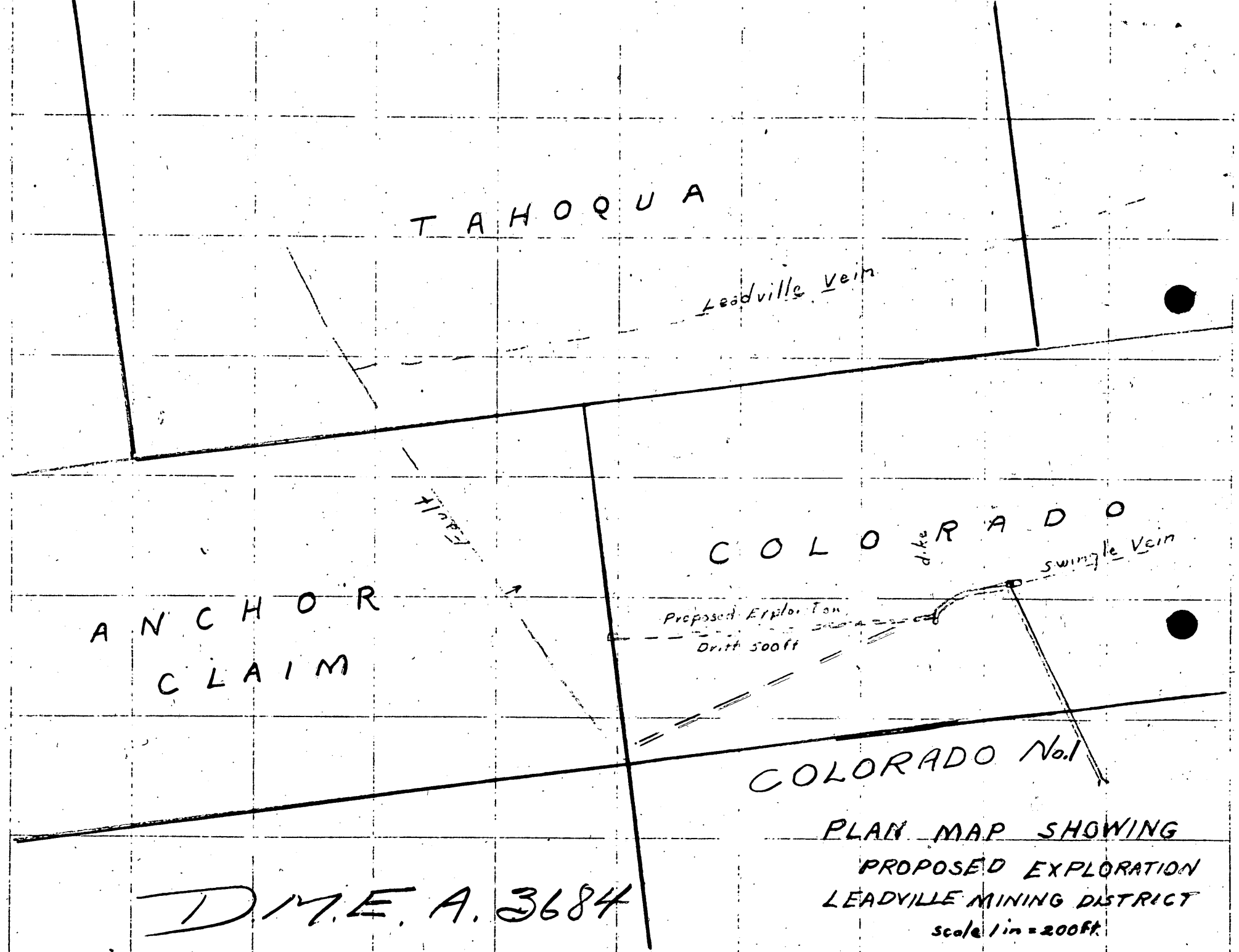
FIXED UNIT COSTS
(The unit costs include all costs whatsoever necessary to complete the work)

STAGE I

200 feet of drifting @ $30 per foot	$ 6,000.00	
40 samples assayed for silver, lead and zinc @ $3 per sample	120.00	$ 6,120.00

STAGE II

300 feet of drifting @ $30 per foot	$ 9,000.00	
60 samples assayed for silver, lead and zinc @ $3 per sample	180.00	$ 9,180.00
Estimated Total Cost of the Project		$15,300.00
Government's Participation @ 50%		$ 7,650.00


TAHOQUA
Leadville Vein
Fault
ANCHOR CLAIM
COLORADO
dike
Swingle Vein
Proposed Exploration Drift 500ft
COLORADO No.1
PLAN MAP SHOWING
PROPOSED EXPLORATION
LEADVILLE MINING DISTRICT
scale 1 in = 200ft.
DMEA. 3684

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code

PROJECT SUMMARY REPORT

By: J. W. Alt August 8, 1958

1. Docket No. DMEA-3684 (Lead-Zinc)
Contract No. Idm-E821
Property: Leadville Mine
Washoe County, Nevada

Operator: Ogle Swingle
Gerlach, Nevada

Operator's Property Rights: Owner

2. Contract dated June 21, 1955. To complete - July 1, 1956.

Work Authorized (Short Form Contract)
Fixed Unit Costs

STAGE I

200 feet of drifting @ $30/ft.	$6,000.00	
40 samples assayed for silver, lead and zinc @ $3/sample	120.00	
		$ 6,120.00

STAGE II

300 feet of drifting @ $30/ft.	$9,000.00	
60 samples assayed for silver, lead and zinc @ $3/sample	180.00	
		9,180.00

Estimated Total Cost of the Project	$15,300.00
Government Participation @ 50%	$ 7,650.00

8623

Amendments

None

Work Completed

Drifting, 10 feet @ $30/ft.	$300.00
Total Cost of the Project	$300.00

Work on the project was started on June 28, 1955 and was terminated by mutual agreement on July 2, 1956.

3. Report of Review dated July 17, 1956.

Total cost as billed by contractor	$300.00
Exceptions	0.00
Total Accepted Cost	$300.00
Government Participation @ 50%	$150.00

Operator's final report - none received.
Field Team final report dated October 8, 1956.

4. Certification date: No Certification was made as no ore was discovered.

5. Comments

Work was started on June 28, 1955. The vein being followed swung abruptly to the left and the old caved drift on the main Swingle vein was encountered in 10 feet. The explored vein is a branch of the Swindle vein.

The old drift was then spiled and retimbered for 105' by the Operator at his own expense, but he was unsuccessful in his attempt to reach the original face. Failure was presumed due in part to the Operator's poor health, which affected his ability to maintain supervision of the project. Work was stopped on March 15, 1952 and a termination agreement was signed July 2, 1952.

The Swingle vein is reported by the Operator to have been less than 2 inches wide, and to contain but a few tons of high-grade lead-silver ore throughout its exposed length. No exploration target remains.

No further exploration with Government assistance is warranted on this property.

J. W. Alt

J. W. Alt

JWAlt/ss 8/6/58
Copy to: Docket
Chron.

DMEA Form 17
Feb. 58

DEFENSE MINERALS EXPLORATION ADMINISTRATION

WORK COMPLETED ANALYSIS

After final audit or review report is received, prepare original only and file in official docket

Operator: Ogle Swingle		Actual Cost	
State: Nevada		Agreed Unit Cost	x
Final Report of Audit		Commodity	Docket No. DMEA-3684
Final Report of Review	X	Lead-Zinc	Contract No. Idm-E821

Operation	Authorized by Contract and Amendments		Completed		Net cost after sale of Government Property
	Units	Cost	Units	Cost	
Drifting & Crosscutting 5' x 7' Stage I & II	500' @ $30.00	$15,000.00	10'	$300.00	$300.00
Raising					
Shafts					
Winzes					
Drilling (Specify)					
Surface Excavation					
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation					
New Building, Improvements, etc.					
Other (Specify) Stage I - 40 Assays @ $3.00 Stage II-60 Assays		300.00			*
Totals		$15,300.00		$300.00	$300.00

* Net cost total must agree with final report of audit or review.

Prepared by W. P. Klugescheid/er Date

31398

Grizzly Unit costs

Stage I

200' Drifting (5'x7') @ $30.00 $6,000.00

40 samples. @ $3.00 120.00 $6,120.00

Stage II

300' Drifting (5'x7') @ $30.00 $9,000.00

60 samples @ $3.00 180.00 $9,180.00

Total Cost of the Project $15,300.00

Spent
Aug - Sept

10'	Drafting Stage I @ $30	300.00

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

RECEIVED
OCT 25 1956

Griswold
Betty

October 24, 1956

Re: DMEA-3684; Lead-Zinc;
Contract Idm-E-821
Ogle Swingle
Leadville Mine
Washoe County, Nevada

Memorandum

To: W. R. Griswold, DMEA

From: O. M. Bishop, Branch of Base Metals

Subject: Review of field team final report dated October 8, 1956, received October 18, 1956

The project work begun June 28, 1956, was planned to explore a new vein parallel to the Swingle vein. However, after but 10 feet of work, the drift joined the old cavwd drift on the Swingle vein, demonstrating that the new vein was only a minor split of the previously explored vein. Rehabilitation of 105 feet of the old drift at the applicant's expense, failed to expose the drift-face and the work was terminated after the expenditure of but $300 of the $15,300 set-up for exploration.

I concur with the recommendation of the field examiners and field team that a certificate of discovery should not be issued.

O. M. Bishop
O. M. Bishop
Commodity Specialist
Branch of Base Metals

cc: Division of Minerals
Mr. Kiilsgaard, Rm. 5222
Mr. Lamb, Rm. 3608
Branch of Base Metals (2)
Files

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

RECEIVED
JUL 26 1956

1605 Evans Avenue
Reno, Nevada

July 24, 1956

Memorandum

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMEA-3684 (Lead-zinc)
Ogle Swingle
Leadville Mine
Washoe County, Nevada
Contract No. Idm-E821

In accordance with your letter of July 3, 1956, the Termination Agreement on subject contract has been presented to the Operator and executed by him.

Attached are three copies and the remaining copies have been distributed in the usual manner.

S. Ricker

Attach.

SRicker:gh
cc: Finance Off., Reg. II (w/ copy of Termination Agreement)
Geo. Mavor
R. M. Smith
File

Termination Agreement

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

RECEIVED
JUL 18 1956

1685 Evans Avenue
Reno, Nevada

July 16, 1956

Mr. Ogle Swingle
Leadville Mines
Gerlach, Nevada

Re: Docket No. DMEA-3684 (Lead-zinc)
Ogle Swingle
Leadville Mine
Washoe County, Nevada
Contract No. Idm-E821

Dear Mr. Swingle:

Enclosed are the original and five copies of a Termination Agreement on above referenced contract.

If the terms and conditions of this Termination Agreement are satisfactory all six copies should be signed by you. The copy marked "Operator's Copy" should be retained by you, and the original and other four copies should be returned to this office.

If any part of the agreement does not meet with your approval, the original and all copies should be returned with your suggested changes.

We regret that the work has been unsuccessful, but appreciate your cooperation throughout the project.

Very truly yours,

S. Ricker
Executive Officer
DMEA Field Team, Region II

Encl.

SRicker:gh
cc: Opr. Com., DMEA., Wash., D.C.
Finance Off., Reg. II
Geo. Mayor
R. M. Smith
File

JUL 3 - 1956

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

Re: Docket No. DMEA-3684 (Lead-Zinc)
Ogle Swingle
Leadville Mine
Washoe County, Nevada
Contract No. 1dm-8821

Dear Mr. Ricker:

Referring to your memorandum of June 19, transmitting the Interim Report on the cited project, we are enclosing the original and five copies of a Termination Agreement.

If it meets with your approval, please present it to the Operator for signature and, when completed, distribute the copies in the usual manner. If you do not approve and if any proposed changes should lie beyond the range of your delegated authority, all copies should be returned to us with your comments.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Enclosures

APPROVED:

P. F. Yopes

Member, Bureau of Mines

Thor H. Kiilsgaard

Member, Geological Survey

WRGriswold/er 6/29/56
Copy to: Docket
Admr R File
Ops Committee
Base Metals
Mr. Bishop, USBM
Mr. Kiilsgaard, USGS
Chron.

June 29, 1956

Memorandum

To: The Administrator

From: Chief, Base Metals Division

Subject: Termination Agreement on Docket No. DMEA-3684 (Lead-Zinc), Ogle Swingle, Leadville Mine, Washoe County, Nevada, Contract No. Idm-2821.

The cited project was based upon drifting on a supposed branch vein. However, the drift had barely got started (10 feet of advance) when the vein curved back into the main structure and the new heading broke into the old caved drift. Any further expenditure is unwarranted. Since so little work was done, and since there is no target, there seems no reason for a pseudo-certification clause in the terminating agreement.

W. R. Griswold

W. R. Griswold

WRG/er

Copy to: Docket
Base Metals
Chron.

June 25, 1956

Memorandum

To: Associate Solicitor, Division of Mineral Resources

From: Chief, Base Metals Division

Subject: Preparation of Mutual Termination of Docket No. DMEA-3684, Ogle Swingle, Leadville Mine, Washoe County, Nevada, Contract No. Idm-E821, Lead-Zinc.

Will you please prepare a mutual termination agreement for the cited contract. Apparently there is no point in including a "pseudo-certification"; only a little work was done and results were so disappointing that any further expenditures are unwarranted.

The effective date of termination is October 1, 1955.

W. R. Griswold
W. R. Griswold

WRG/er

Copy to: Docket
Base Metals
Chron.

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

RECEIVED
JUL - 5 1955

1605 Evans Avenue
Reno, Nevada

June 30, 1955

Memorandum

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMEA-3684 (Lead-zinc)
Ogle Swingle
Leadville Mine
Washoe County, Nevada
Contract No. Idm-E821

Reference is made to your letter of June 21, 1955 transmitting the original and five copies of the subject contract.

The contract has been executed on the part of the Operator and one copy retained by him. Distribution has been made of Finance Office and Field Team copies, and the original and two copies are being returned to you herewith.

S. Ricker

Encls.

SRicker:gh
cc: H. C. Miller
Finance Officer, Reg. II
H. M. Smith
File

JUN 21 1955

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

Re: Docket No. DMEA-3684 (Lead-Zinc)
Ogle Swingle
Leadville Mine
Washoe County, Nevada

Dear Mr. Rieker:

Referring to your May 13 letter, with enclosures, covering the cited application, we are enclosing the original and five copies of a contract, as recommended by you.

We are not clear as to why the project was recommended for two stages, one of 200 feet and the second for 300 feet of drifting. It is stated that the fault or dike (which is presumed to present the general target area) is located some 400 or 500 feet distant. Nevertheless, it very well may be that after 200 feet of drifting the project should be reviewed.

Please note, that on the map attached to the contract we have shown (in red color) a projected course of the New vein. If this projection is even approximately correct the Operator should locate the area immediately south of the Amber claim.

If the contract meets with your approval please present it to the Applicant for signature and distribute the copies in the usual manner. Otherwise, all copies should be returned to us, with your recommendations.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee

Enclosures

WRGriswold/er 6/15/55
Copy to: Docket
Admr R File
Op. Committee
Base Metals
Mr. Bishop, USBM
Mr. Kiilsgaard, USGS
Chron.

APPROVED:

J. H. Hedges
Member, Bureau of Mines

Thor H. Kiilsgaard
Member, Geological Survey

Binding 3684

500

June 9, 1955

Memorandum

To: Acting Assistant Solicitor, Defense Minerals

From: Chief, Base Metals Division

Subject: Map for Docket No. DMEA-3684, Ogle Swingle, Swingle Mine, Washoe County, Nevada, Lead-Zinc.

Attached are the maps to go with the contract on Application DMEA-3684.

W. R. Griswold

WRG/er

Copy to: Docket
Base Metals
Chron.

Pa... 6

500

June 8, 1955

Memorandum

To: Acting Assistant Solicitor, Defense Minerals

From: Chief, Base Metals Division

Subject: Preparation of Contract for Docket No. DMEA-3684, Ogle Swingle, Swingle Mine, Washoe County, Nevada, (Lead-Zinc).

Will you kindly prepare a short form contract for the cited project along the lines of the attached rough draft.

The necessary copies of the map will be delivered to your office in a few days.

W. R. Griswold

W. R. Griswold

WRG/er
Copy to: Docket
Base Metals
Chron.

IN REPLY REFER TO:

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

May 31, 1955

Memorandum

To: W. R. Griswold, Chief, Base Metals Division, Defense Minerals Exploration Administration

From: Thor N. Kiilsgaard, U. S. Geological Survey

Subject: Review of Field Team application report, DMEA Docket 3684, Swingle workings, Washoe County, Nevada

The Field Team recommends a two-stage project to explore the applicant's property, the first stage to consist of 200 feet of drifting to the southwest on the New vein to be followed by a second stage of 300 feet of continued drifting on the New vein, if the first stage justifies additional work.

Field examiners justify their recommendations on 1)the strength of the New vein which, at the southwest face, was 2 feet thick and had a weighted assay value of 1.8% Pb, .85% Zn, 8.4 ozs. Ag per ton, and .01 oz. Au per ton, 2) the fact that proposed drifting will explore a vein parallel to the Leadville vein some 500 feet to the north, which was productive over a strike length of 900 feet and to a depth of 1,250 feet below the outcrop, and 3) the possibility of the New vein intersecting a diorite porphyry dike in the interval to be explored, this same type of intersection reported to have been present and to have been a controlling feature at the productive part of the Leadville vein.

The New vein is not as strong on the outcrop as was the Leadville vein; however, it is persistent and contains encouraging assay values. The prospects of the vein forming commercial ore bodies in the area to be explored are present and can be tested by the proposed program.

I concur with the field examiners and recommend approval of the exploration program they have proposed.

TNKiilsgaard:hlm
G-5/31/55

T. N. Kiilsgaard

CC: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
O. M. Bishop, 3617 Interior

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

RECEIVED

May 25, 1955

Re: DMEA-3684
Ogle Swingle
Leadville Mine
Washoe County, Nevada

Memorandum

To: W. R. Griswold, DMEA

From: O. M. Bishop, USBM

Subject: Recommendation for approval of exploration application as presented in field team report

The applicant proposes to explore the mineralized Swingle vein which in addition to showing on the outcrop is exposed at 160 feet below the outcrop by a 374-foot crosscut. A 70-foot winze on the vein is collared from the crosscut and a 200-foot drift has been extended to the west on the vein. Ninety feet west of the winze the 200-foot drift becomes inaccessible, and a new drift has been driven through the hangingwall to intersect and follow the "New" vein some 20 feet northwesterly of the caved drift. Mineralization exposed in the Swingle vein from the face east of the winze as far as it can be observed to the west is narrow and sparse, but the mineralization on the "New" vein is appreciably better, the average of two samples showing 4 percent lead, 1.2 percent zinc and 15.25 ounces of silver per ton over an average width of 1 foot.

The applicant proposes to drift 500 feet southwesterly along the "New" vein in the hope that the vein may widen as did the productive Leadville vein some 500 feet further to the north. The field examiners state the vein merits further exploration as the setting is geologically favorable and similar to that of the Leadville vein 500 feet to the north which produced $1,150,000 worth of ore.

The field team recommends and the applicant agrees that the project be divided into two parts: Stage I to cover the first 200 feet of drifting with Stage II for the last 300 feet of drifting being dependent upon the results shown in the first 200 feet of the proposed drifting.

I concur with the view that the "New" vein-Swingle structure warrants limited exploration such as that proposed in two stages. It seems doubtful that a unit cost of $30 per foot will cover driving a timbered drift, however.

O. M. Bishop

O. M. Bishop

Copy to: Div. of Minerals
Mr. Kiilsgaard, Rm. 5224
O. M. Bishop
Files

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 16 1955

AIR MAIL

1605 Evans Avenue
Reno, Nevada

Greenwald
Betty

May 13, 1955

Memorandum

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

From: **Executive Officer, DMEA Field Team, Region II**

Subject: **Docket No. DMEA-3684 (Lead-zinc)**
Ogle Swingle
Leadville Mine
Washoe County, Nevada

In accordance with your letter of March 7, 1955, we are attaching four copies of a report on the above subject application by H. W. Jones, mining engineer, U. S. Bureau of Mines and Earl H. Pampeyan, geologist, U. S. Geological Survey, dated May 12, 1955.

The report recommends an exploration contract consisting of 500 feet of drifting at a total cost of $15,000 of which the Government's participation would be $7,500. Roscoe Smith and I believe the property has merit and agree with the recommendations outlined in the report.

For S. Ricker

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

Defense Minerals Administration
RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
DOUGLAS McKAY, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION II

APPLICATION REPORT

DMEA-3684 (Lead-Zinc)
Ogle Swingle
Leadville Mining Claims (Swingle Vein), Washoe County, Nevada

By

Henry W. Jones
Mining Engineer
U. S. Bureau of Mines

Earl H. Pampeyan
Geologist
U. S. Geological Survey

May 12, 1955

Docket No.: DMEA-3684 (Lead-zinc)

Name and address of applicant: Ogle Swingle
Gerlach, Nevada

Name and location of property: Leadville Mining Claims
(Swingle Vein)
Washoe County, Nevada

SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

An application for a DMEA exploration loan was received from Ogle Swingle to explore for lead-zinc minerals along a mineralized vein in the Leadville mining district, Washoe County, Nevada. The vein proposed for exploration lies parallel to and about 500 feet south of the old Leadville mine.

The Leadville mining property was examined on March 21 and 22, 1955 by the DMEA field team, accompanied in part by Ogle Swingle, applicant and G. Wilson, miner.

Total cost of the applicant's proposal was estimated at $15,835 of which the Government would share 50 percent, or $7,917.50. The DMEA examiners suggested that the exploration program be broken down into two stages, wherein 200 feet of drifting would be done as stage I and if warranted, 300 feet of additional drifting be done as stage II. The revised program costing $15,000.00 is outlined in this report.

Based on the strength of the exposure of lead-zinc minerals seen in the Swingle workings and the history of the nearby Leadville mine, an exploration program on the new vein of the Swingle workings is recommended.

LOCATION, ACCESSIBILITY, LOCAL RESOURCES

The Leadville district is on the east flank of Mt. Fox in the Granite Range, 38 miles by road north of Gerlach, Nev. The Leadville mining claims are in T. 37 N., R. 23 E., MDB&M at an approximate elevation of 6,000 feet.

The property is reached from Gerlach by traveling west along State Highway 81 for three miles. Turn right on the graveled State Highway No. 34 and follow along the western edge of the Black Rock Desert for twelve miles. Continue on the partially improved road over a small pass, across an alkali flat, and up a narrow but relatively flat canyon to near its summit for 22 miles. At this point the old Leadville mine buildings can be seen to the west. The Swingle vein is in the canyon adjoining and to the south of the main workings. Turn left at this point and bear to the left on the dirt road one mile to the mine.

The state highway beyond Gerlach is maintained and patrolled only during the summer months. At the advent of winter weather, travel to the mine area is often difficult and impassable

for short periods, due to deep drifted snows.

The Swingle adit from which the exploratory work is proposed is a short distance up a steep, narrow "V" canyon, directly under high jutting rock outcrops. Above and beyond the mine, the general topography changes to relatively flat rolling hills.

There is no manpower immediately available in the district. An occasional miner may be obtained from Gerlach, but men, equipment, and supplies to be used for other than a very small operation would by necessity be obtained from Reno, approximately 115 miles (airline) south of the property.

Water for mine and domestic use, having a combined flow of about 30 gallons per minute, is piped from local springs. There is no electrical power source available. It would, by necessity, have to be supplied by a local gasoline or Diesel driven motor.

COMPETENCE OF APPLICANT

The applicant is a successful rancher in the district; owning three ranches and several hundred head of cattle and horses. Prior to and during the early part of the ranching business, he also was a lessee at the old Leadville mine. At various times he has been associated with other mining ventures in the

State of Nevada. He has the reputation of being a good miner and knows all the aspects of general mining practices. He states that he is capable of meeting his share of the costs either with cash, equipment, or a combination of both.

APPLICANT'S PROPERTY RIGHTS

The lode claims that make up the Leadville mining claims included in the application are:

The Anchor, Colorado, Colorado #1, and the patented Tahoqua claim, pat. No. 3178.

The 1955 assessment work for the claims is recorded in the Washoe County Courthouse at Reno, Nevada in Book Z, page 279.

DEVELOPMENT

The crosscut portal of the Swingle workings is on the northern slope of a steep hillside at the floor of the small east-west canyon. Large dike rock outcrops project above the canyon walls to the north.

A combination shed and machine shop, and a small blacksmith shop are near the portal. Two small wooden cabins house the mine personnel and are below the portal, along the steep road leading to the mine. Mine track leads to the opposite slope of the canyon to an old 40-ton ore bin and to the mine dump.

The crosscut was extended for 374 feet before the Swingle vein was struck at a vertical depth of 160 feet below the surface outcrop. A nearly vertical 70-foot winze was sunk along the ore bearing vein at the crosscut intersection, and a small partially caved drift and stope was extended a short distance to the east. A drift was driven westerly along the fault filled and mineralized vein for a reported 200 feet, of which 90 feet remains open. Air is supplied by an old Fairbanks Morse, 10 by 10 inch belt driven compressor, powered by an equally old Hercules Diesel, 90 horsepower motor.

The Harman shaft, sunk on the old Leadville vein, is several hundred feet west of and in the same canyon as the Swingle workings. The Swingle vein can be traced up the canyon to a point about 400 feet below the shaft, roughly paralleling the trace of the Leadville vein.

HISTORY AND PRODUCTION

The old Leadville mine has produced over 50,000 tons of lead-silver-zinc ore between the discovery date of 1909 through 1926. Production was made from a zone about 900 feet along the strike length of the vein and extending downward from the surface to the 800-foot level, a vertical distance of about 1,250 feet. Due to the unsafe condition of the main winze and the destruction by fire

of the flotation mill, the mine was closed in late 1925. Previous reports state[1,2,3,4] the ore at the bottom of the mine is continuing in grade over the reported strike length. The production during this period was reported as 1,000,000 ounces silver and 3,500,000 pounds lead with a gross value of $1,150,000 and netting about $948,000. A few tons of reportedly high grade ore has been shipped from the Swingle vein. An additional 15 tons of ore is at present in the ore bin; sample No. 203 under SAMPLING.

GEOLOGY

The principal rock in the Leadville mine area is andesite of Tertiary (?) age which is overlain by tuffs and breccias and cut locally by diorite porphyry dikes. The andesite is cut by several faults of probable small displacement which strike N. 50°-60°E. and dip steeply southeast. Some of the faults have been mineralized by lead- and zinc-bearing solutions. The andesite shows varying degrees of hydrothermal alteration for two to four feet on either side of the mineralized faults.

1/ Lincoln, F.C., Mining Districts and Mineral Resources of Nev., 1923, p. 236.
2/ Burgess, J.A., Mng. Eng. & Geologist, Paper, 4/8/26.
3/ Unpublished W.M.R. No. 40, Leadville, Nevada Mine Dumps, April 1943.
4/ Benson, W. T., Preliminary Examination Report, Leadville Mining Co., July 1947.

ORE DEPOSITS

The main ore minerals, galena and sphalerite, occur as vein fillings with quartz and calcite in the altered andesite wall rock. The lead-zinc veins are localized along several parallel northeast-striking, steeply south-dipping faults. Three of the veins, the Leadville, Swingle, and New veins, have been partly explored.

The old Leadville mine followed an ore shoot about three feet wide for about 900 feet along the strike and more than 1,250 feet vertically below the surface. These workings are now inaccessible and only the trace of vein can be followed on the surface. Ore from the Leadville vein was principally silver-bearing galena reported to average about 30 percent lead and about 30 ounces of silver.

In the Swingle workings (fig. 2), about 500 feet south of the main Leadville vein, the Swingle vein was cut about 374 feet in from the portal. Some galena was found in this vein which is not over 2 inches wide and a 70-foot winze sunk, but the width of the vein did not increase with depth. The vein was followed to the southwest a reported 200 feet with the discovery of little or no ore. At present only the first 90 feet of this tightly timbered (West) drift is accessible.

A second parallel mineralized zone (the New vein, fig. 2) recently was cut 20 feet northwest of the Swingle vein. The mineralized zone is 18 to 24 inches wide with veins of sulphide ore up to six inches thick occurring in it. Although the exposure of ore in the New vein is not commercial it warrants additional exploration.

SAMPLING

Two representative samples were taken at the West drift face of the New vein by the examining field team (see Fig. 2). Results of samples taken during this examination and during a previous Bureau of Mines examination are as follows:

Sample No.	Width, feet	%, Pb	%, Zn	Oz./T Ag	Oz./T Au	Description
173	0.5	7.9	2.0	28.70	0.025	Sulphides along hanging wall in fault gouge.
174	1.5	0.2	0.5	1.80	0.01	Broken zone, slightly mineralized, adjoining good grade ore.
202	0.8	1.4	0.2	4.0	-	Fault gouge on west side inclined shaft.
203	-	22.6	6.1	60.2	0.04	Dump sample representing about 7 tons of stockpiled ore.

ORE RESERVES

There are no measured reserves. Indicated reserves equalling a few tens of tons of ore are in a block at the working face measuring about 20 feet along the strike, 20 feet along the dip and averaging 1 foot thick. Several hundred tons of ore are inferred to

lie southwest of the indicated block in the ground to be explored. It is expected that any new ore bodies discovered would be about the same grade as the ore in the old mine.

PROPOSED EXPLORATION

The applicant has proposed to drift some 500 feet to the southwest along the New vein (see fig. 2) to hit an ore shoot similar to that in the old Leadville vein. The applicant reports the Leadville vein widened to the southwest as it approached a "dike" and he expects the New vein to do the same. He estimates the dike lies 400 to 500 feet southwest of the present working face underground. The dike and the proposed drift lie within the limits of the three claims listed in the application. The applicant will include adjacent claims in the contract area, and as they might benefit from the proposed work they should be included.

The project was proposed on a cost per foot basis and briefly outlined as follows: 500 feet at $31.67 per foot, or a total cost of $15,835.00. The Government would share 50 percent of the cost, or $7,917.50.

Inasmuch as the property is isolated and the applicant is already working underground, it appears that underground work would be the most expedient method of exploration. The applicant's proposal to drift southwest along the vein is quite feasible when con-

sidered with various engineering reports on the old mine. There are, however, no exposures of bedrock where the dike is supposed to cut the veins, 400 to 500 feet southwest from the working face. Nevertheless, there is a good chance of discovering a new ore body to the southwest along the mineralized structure.

The proposed exploration program was broken into the following unit costs by the applicant:

		Est. cost/foot
Labor		
1 Miner @ $2.00/hr.		
Supervision @ $500/mo.		$21.00
Operating Materials and Supplies		
Powder, fuse, and caps		1.25
Rail (1 ton) and fish plates		0.50
Ties, lumber		2.00
Fuel oil and lubricants		1.00
Drill steel and bits		0.50
Operating Equipment		
To be purchased:		
Airline, 2-1/2-inch pipe		0.75
Owned and furnished by Operator:		
Compressor (Fairbanks-Morse) (old) Diesel driven	$ 1,000.00	
Light plant, 2 kva	200.00	
Rock drills (2)	700.00	
Air and water hoses	80.00	
Mine cars (2)	300.00	
Miscellaneous tools	400.00	
	$ 2,680.00	
$\frac{2680}{60}$ = 44.66/mo.		$ 1.07

	Est. Cost/foot
Miscellaneous	
Analytical work - 100 assays @ $3.00/ea.	$ 0.60
Compensation, liability insurance, and payroll taxes	3.00
TOTAL	$31.67/ft x 500 = $15,835.00

FIELD TEAM PROPOSED EXPLORATION

It was suggested to the applicant that his proposed program be modified by dividing the work into two stages. The applicant agreed to a revised program as follows:

Stage I: Drift 200 feet along the New vein - Swingle workings @ $30.00/ft.	$ 600.00

If the vein shows promise of increasing mineralization or the DMEA Field Team feels additional work is warranted, then the second stage should be undertaken.

Stage II: Drift an additional 300 feet along the New vein @ $30.00/ft.	$ 9,000.00
TOTAL	$15,000.00

As the vein now exposed does merit further exploration and the setting of this vein is geologically favorable and similar to that of the Leadville vein, it is recommended that a modified version of the applicant's original exploration proposal be approved by the DMEA for the New vein in the Swingle workings.

EXPLORATION COSTS

Labor	Per shift
1 Miner @ $2.00/hr.	
1 Mucker @ $1.50/hr.	$30.33
Supervision (part time) $250/mo.	9.61
Timber (Av. 235 bd. ft./set, lagging on top and 1 side @ $100/M bd. ft. = $23.50/5-foot set	9.40
Explosives, caps, fuses - 12 holes for 5-foot round	1.66
Drill steel & bits - av. cost $2.50/round	1.00
Cross ties, 4-by 6-by 30-inches on 30-inch centers	.72
Equipment depreciation @ $44.60/mo., or $1.48/day	1.48
Labor extras (12% for industrial insurance, F.K.A. and Unemployment insurance)	3.64
Fuel oil & lubricants (Diesel oil at $0.18/gal - 2 gph - 4 hrs./day	1.44
Lube oil and grease	.50
Repair parts @ $0.25/ft.	.50
	$60.28

$$\frac{\$60.28}{2} = \$30.14$$

Due to the heavy ground and timbering that will be necessary, the program is based on an advance of 2 feet per shift, and should be of 10 months duration for completion.

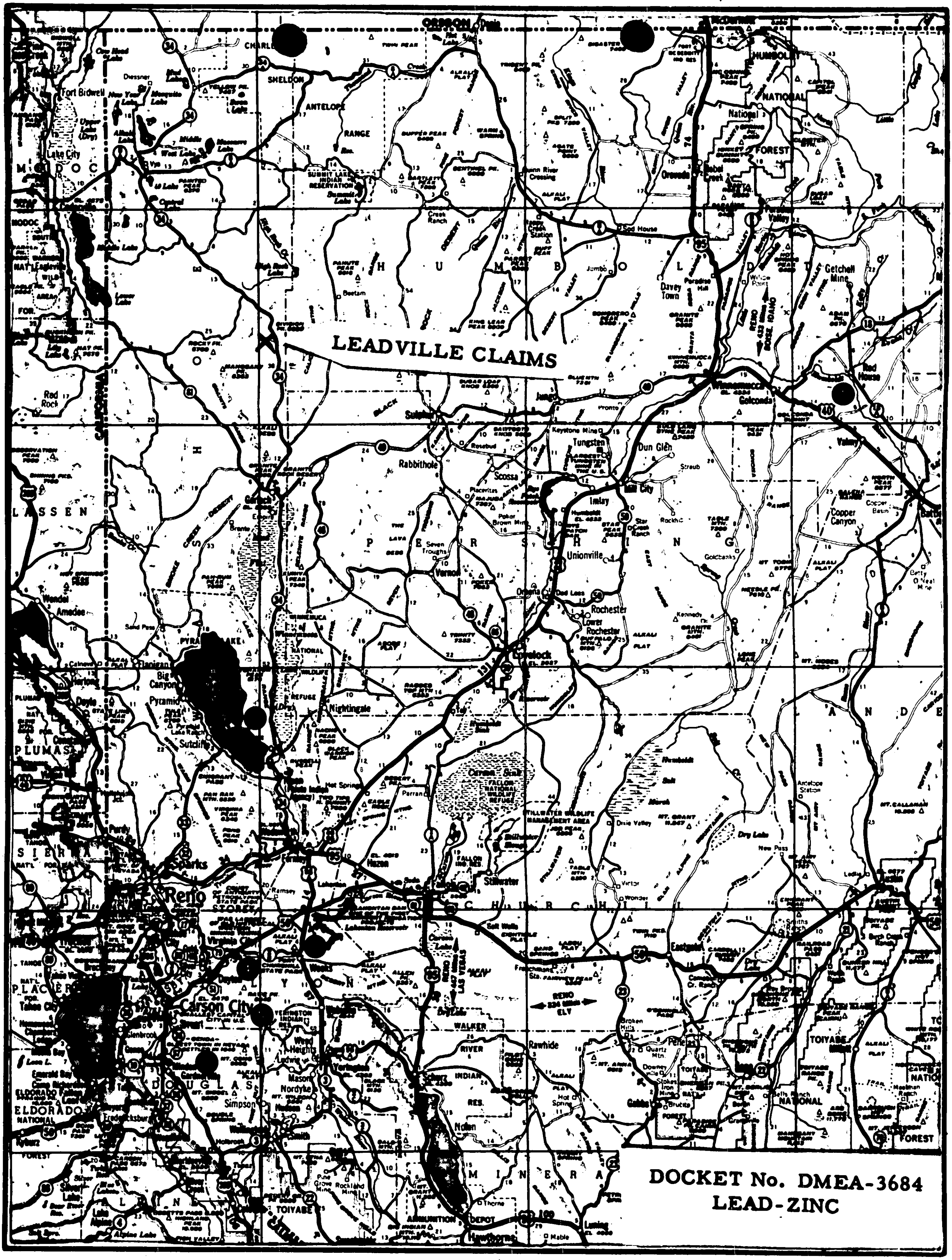


FIG. I

LOCATION MAP _ NEVADA

500

MAR 7 - 1955

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

Re: Docket No. DMEA-3684 (Lead-Zinc)
Ogle Swingle
Leadville Mine
Washoe County, Nevada

Dear Mr. Rieker:

Referring to the cited application, we are enclosing copies of the memorandums of Mr. J. H. Hedges, USBM, dated March 1, and of Mr. R. D. Trace, USGS, dated February 21.

You will note the opinions expressed, to the effect that a field examination is warranted. Hence, will you have the examination made at such time as may be convenient.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee

Enclosures

WRGriswold/er 3/3/55

APPROVED:

J. H. Hedges
Member, Bureau of Mines

E. L. Newcomb
Member, Geological Survey

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

MAR 7 - 1955

Mr. Ogle Swingle

Gerlach, Nevada

Re: Docket No. DMMA-364 (Lead-Zinc)
Ogle Swingle
Leadville Mine
Washoe County, Nevada

Dear Mr. Swingle:

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

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

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

Sincerely yours,

C. O. Mittenbuhl

Administrator

WWGrimwald/er 3/3/55

Copy to: Docket
Admr. File
Region II (2)
Op. Committee
Base Metals
Mr. Bishop, USBM
Mr. Kiilsgaard, USGS
Chron.

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

March 1, 1955

Memorandum

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

From: J. H. Hedges, Bureau of Mines

Subject: DMEA-3684 (Lead-Zinc) Ogle Swingle, Leadville Mining Claims, Washoe County, Nevada

The applicant proposes exploring the Swingle vein which lies about 500 feet south of and approximately parallels the Leadville vein.

The Leadville (Tahoqua) mine was examined by W. T. Benson, Mining Engineer, Bureau of Mines in 1947. Benson reported that the Leadville Mining Company, operating the mine during the period 1920-1926, produced 1,022,965 ounces silver, 3,491,154 pounds of lead, 217,139 pounds of copper, and 34,328 pounds of zinc, having a gross value of $949,745. Earlier production was estimated to approximate $205,000.

The ore shoot in the Leadville vein is reported to extend about 900 feet along the strike, with a steep pitch to the west, and from surface to the 800 level, a vertical distance of 1,250 feet. The Leadville fissure is said to be one of a number of parallel fissures which together may form a fault system, although only slight indication of faulting is apparent.

According to Benson the Swingle vein outcrop can be traced several hundred feet and shows lead ore a few inches wide in places. The outcrop is like that of the Leadville vein but shows less ore. A crosscut adit about 400 feet long cuts the vein at a depth of about 160 feet, and drifts have been driven east and west on the vein. The west drift was caved and the face could not be seen but the drift followed a well defined fissure containing vein material. The east drift was short. It contained vein material and an 8-inch streak of ore with thin seams of galena.

The applicant proposes to extend the west drift an unspecified distance at an estimated cost of $24,385.90. The map submitted with the application indicates 500 feet of drifting proposed. However, the total cost divided by the estimated cost per foot gives 770 feet.

Apparently the west drift on the Swingle vein is now accessible and recently has been extended 50 feet or more. Although from information available this prospect does not look very promising, a maximum of 200 feet of drifting on the vein may be justified.

I recommend that the application be referred to the field team for review and examination if considered necessary.

J. H. Hedges

J. H. Hedges

IN REPLY REFER TO:

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

February 21, 1955

Re: DMEA-3684
Ogle Swingle
Colorado claims
Washoe Co., Nev.
$24,385.90(?)
Lead-Zinc

Memorandum

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

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

Subject: Review of application

I cannot find any data on the area proposed for exploration. The information furnished by the operator, however, is adequate to justify an examination by the Field Team.

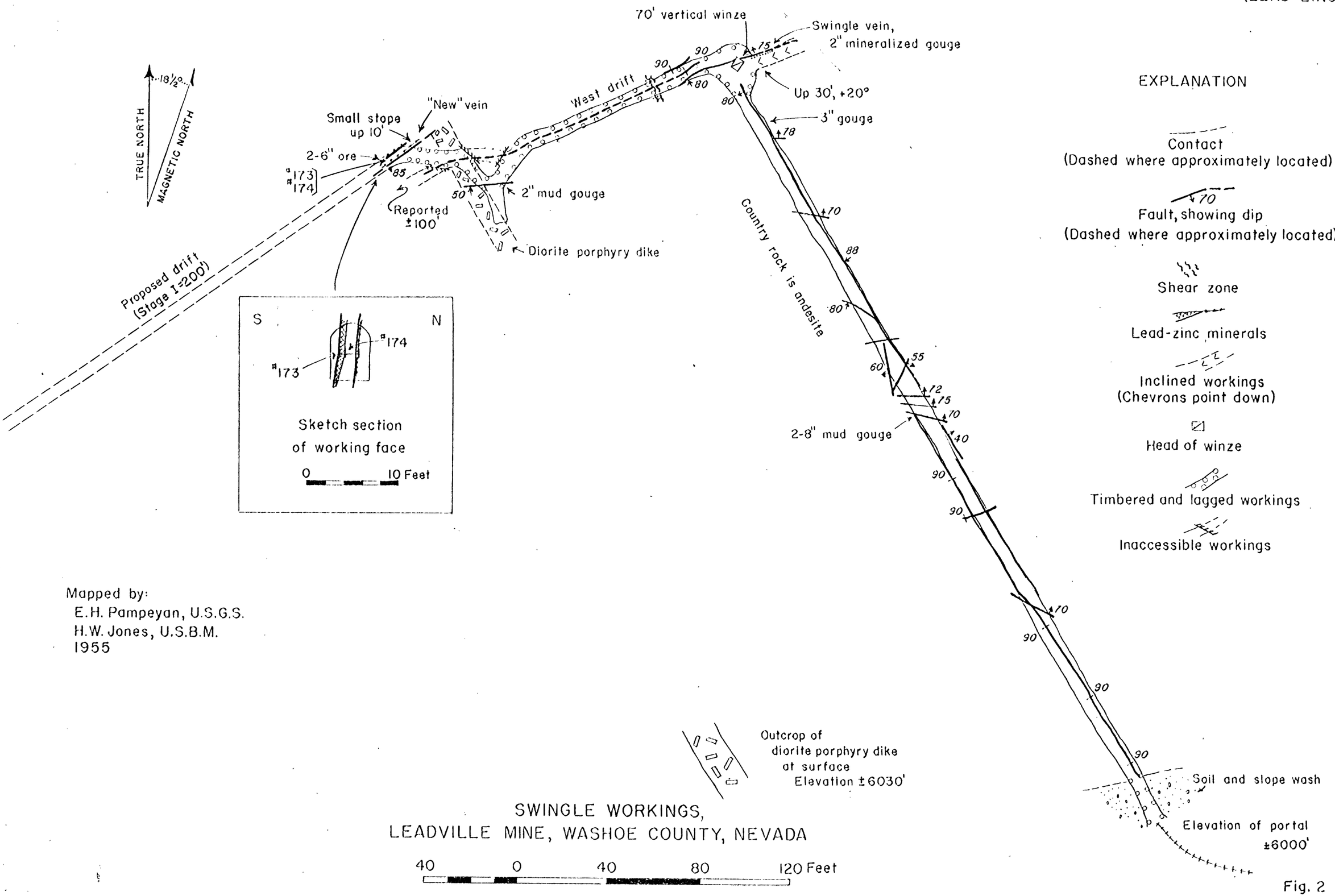
The "main Leadville vein", described by the operator as being 500 feet north of the area to be explored, is probably the same vein described in the Bureau of Mines RI 336, Leadville Nevada Mine Dumps, Washoe County, Nevada, April 1943, as follows: "The vein, a fissure in granodiorite, has an east-west strike and dips 70 degrees to the north. It varies from 3 to 5 feet in width, having a central core of solid sulfide ore about a foot wide. The main ore-shoot was mined for a total length of 900 feet along the strike and to a depth of 1,000 feet below its outcrop."

I recommend that the application be referred to the Field Team.

R. D. Trace

RDTrace:hlm
G-2/21/55

Copy to: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
O. M. Bishop, 3617 Interior



Mapped by:
E.H. Pampeyan, U.S.G.S.
H.W. Jones, U.S.B.M.
1955

SWINGLE WORKINGS,
LEADVILLE MINE, WASHOE COUNTY, NEVADA

Fig. 2