DMEA 3393

DOCKET INDEX

ACTION DOCUMENTS

1	APPLICATION	DATE RECEIVED	6/21/54
2	CONTRACT	DATE	12/7/54
3	TERMINATION AGREEMENT	DATE	
4	CERTIFICATION	DATE	
5	AUDIT REPORT	DATE	
6	AMENDMENTS - NUMBERS	DATE	

Docket Copy
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Defense Minerals Administration
RECEIVED
DEC 10 1955

MF-200A
(Revised June 1954)

Docket No. DMEA 3393

Commodity Tungsten

Contract No. Idm-E 744

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

It is agreed this 7 day of December, 1954, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and[2] Schaff, Bedner, Jones and Reinmiller - A Partnership composed of Mrs. Schuyler Schaff, 1412 Westfield Ave., Reno, Nevada; Joe Bedner, Gabbs, Nevada; R.O. Jones, Gabbs, Nevada; and F. W. Reinmiller, Box 100, Gabbs, Nevada, whose mailing address is c/o F. W. Reinmiller, Box 100 Gabbs, Nevada, 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 .....

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 Nevada, County of Mineral, and is described in Annex I.[3]

(b) The Operator represents and undertakes that:

(1) The Operator is the[4] owner of[5] the entire interest in the land, in possession and entitled to possession for all of the purposes of this contract, under and by virtue of a[6] location notice, [7] recorded in Book 14, page 20 - 21 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."

(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 tungsten. The work to be performed is described in Exhibit "A." The Operator on or before January 10-1955 shall commence the work, and on or before September 1, 1955 (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 $7,440.00. The Government will contribute 75 percent of the fixed unit costs as work is performed, in a total sum not in excess of $5,580.00: *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.

THE UNITED STATES OF AMERICA

By [illegible]

Administrator, Defense Minerals Exploration Administration

SCHAFF, BEDNAR, JONES AND REINMILLER
(Operator)

By Mrs. Schuyler Schaff (Partner)

By Joe Bednar (Partner)

By [illegible] (Partner)

By [illegible] (Partner)

Phelps
Hefflewed
Martin
Rutledge
Chapman
Jeffrey
Hopkins

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

EXPLORATION PROJECT CONTRACT
SCHAFF, NEDMAR, JONES, AND REIMMILLER
DOCKET NO. DMEA-3393

ANNEX I

The land referred to in Article 2 of the Contract consists of the unpatented Windup mining claim, located approximately three (3) miles west of Luning, Nevada, and described as recorded in Book 14 of Mining Locations at pages 20 and 21, on file in the Auditors and Recorders Office, Hawthorne, Mineral County, Nevada.

EXPLORATION PROJECT CONTRACT
SCHAFF, BEDMAR, JONES, AND REIDMILLER
DOCKET NO. DMEA-3393

EXHIBIT "A"

Description of the Work

The work consists of two stages and is substantially indicated on the attached map entitled: "Fig. 2, Geologic map of the Windup mining claim, Mineral County, Nevada."

All drifts and crosscuts shall be timbered as necessary and shall be not less than 4 feet by 7 feet in the clear of timber.

Representative samples shall be taken of all mineralized ground encountered. Each sample shall be divided into at least two parts, one of which shall be furnished to the Government.

Not to exceed an aggregate of 310 feet of drifting and crosscutting shall be performed under this contract.

Stage I

Extend the adit on the Windup claim by crosscutting and/or drifting approximately 200 feet to intersect the downward extension of the mineralized limestone-tuff contact.

Stage II

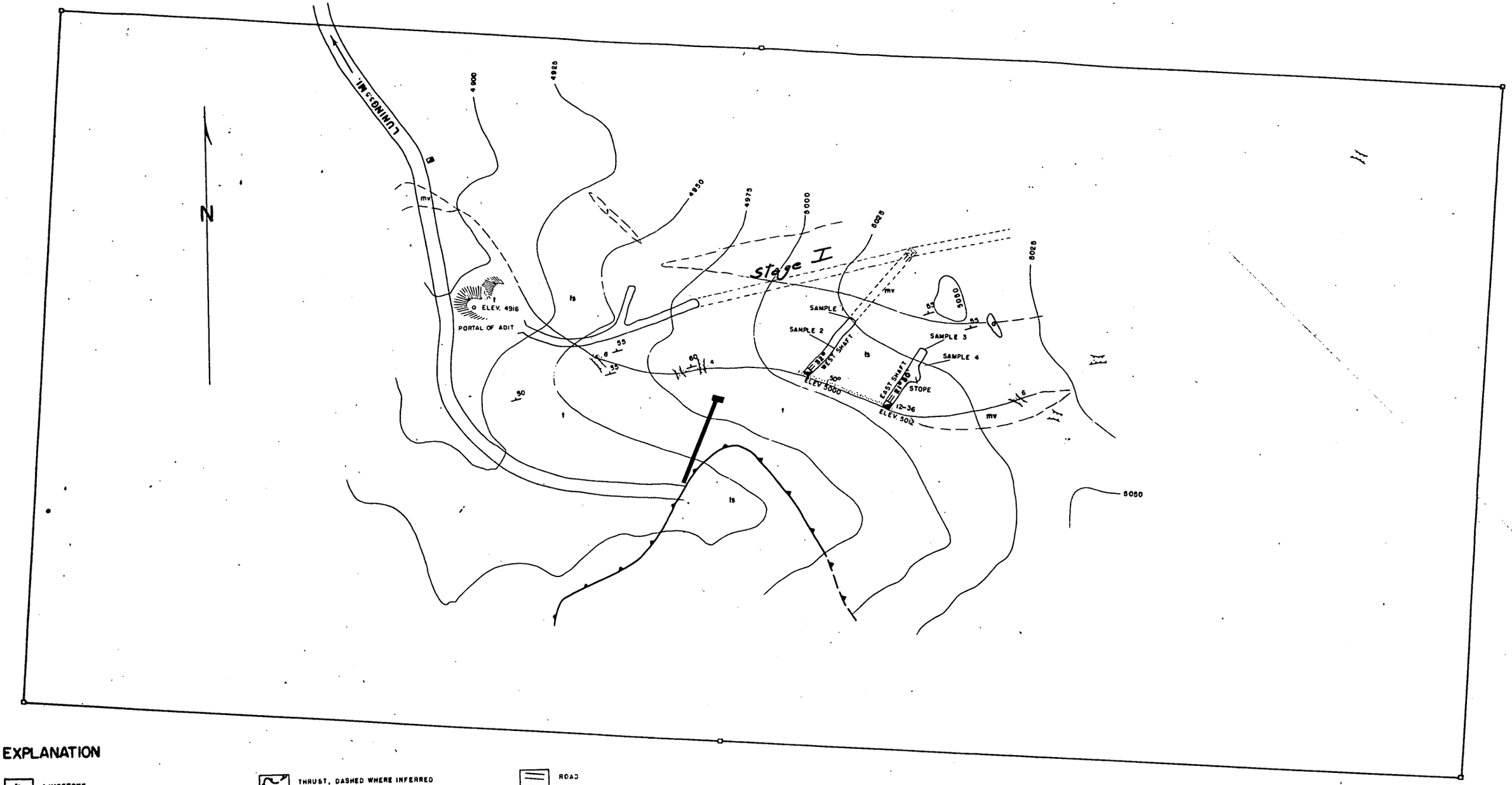
If, in the opinion of the Government, based upon the results of Stage I, further work is warranted and the written approval of the Government is given in advance, Stage II shall be undertaken.

Stage II consists of drifting and/or crosscutting approximately 110 feet to further explore the limestone-tuff contact.

ESTIMATED COSTS OF PROJECT

FIXED UNIT COSTS

Drift and/or crosscut 310 feet @ $24.00/ft.	$7,440.00
Estimated Total Cost of Project	$7,440.00
Government Participation @ 75%	$5,580.00



EXPLANATION

- LIMESTONE
- TUFF
- METAVOLCANIC
- APLITE
- ORE, WIDTH GIVEN IN INCHES
- CONTACT, DASHED WHERE INFERRED
- THRUST, DASHED WHERE INFERRED
- STRIKE AND DIP, DIP GIVEN IN DEGREES
- SHAFT
- INCLINED SHAFT, INCLINATION GIVEN IN DEGREES
- TRENCH
- ADIT
- ROAD
- ORE BIN AND CHUTE
- PROPOSED EXPLORATION, DRIFT AND RAISE

Planimetric Base Furnished By Claim Owners

Topography By R. G. Reeves and F. R. Shawe

FIG. 2

GEOLOGIC MAP OF THE WINDUP MINING CLAIM

MINERAL COUNTY, NEVADA

Scale – 1" = 100'

0 25 50 100

Contour interval 25'

Geology By R. G. Reeves, F. R. Shawe,

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

February 9, 1956

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: General Summary of Contract and Results Obtained
Docket No. DMEA 3393 - Tungsten
Schaff, Bednar, Jones and Reinmiller
Windup claim
Mineral County, Nevada
Contract No. Idm-E744

Operator: Schaff, Bednar, Jones and Reinmiller, c/o F. W. Reinmiller, P. O. Box 100, Gabbs, Nevada

Operator's property rights:

The property consists of one unpatented lode mining claim, the Windup, situated in sec. 8, T. 7 N., R. 34 E., M. D. B. and M., approximately three miles west of Luning, Nevada, and recorded in Book 14 of Mining Locations, at pages 20 and 21, in the Auditor's and Recorder's office, Hawthorne, Mineral County, Nevada. An undivided one half (1/2) interest in the claim is owned by Mrs. Schuyler Schaff, the other one half interest by R. O. Jones, Joe Bednar and F. W. Reinmiller.

Contract: (a) Executed December 7, 1954.
(b) Completion period: Work to start on or before January 10, 1955, and to be completed on or before September 1, 1955.
(c) Work authorized:

Stage I.	Drive 200 feet of drift and/or crosscut, at $24.00/foot	$4,800.00
Stage II.	Drive 110 feet of drift and/or crosscut, at $24.00/foot	$2,640.00
	Total estimated cost of program	$7,440.00
	Government's participation at 75%	$5,580.00

(d) Work completed:

187 feet of crosscutting at $24.00/foot	$4,488.00
111 feet of drifting at $24.00/ft,	$2,664.00
Total accepted cost of program	$7,152.00
Government participation at 75%	$5,364.00

The Final Report of the Field Team was received on July 12, 1955. The Operator's Final Report has not been received.
Audits: A review in lieu of final audit was received on June 3, 1955.
Comments and Recommendations:

The project was established to explore for tungsten in the Windup claim in Mineral County, Nevada. The Field Team reported that tungsten ore discovered in the drift was too narrow and too low grade to be commercial, but that the drift did not adequately explore the target area. No reserve of minable tungsten ore was discovered by project work. A reserve of 500 tons of indicated ore and 900 tons of inferred ore, average assay of both classes 0.9 percent WO_3, had been discovered by work done in two shallow inclined shafts prior to ~~the~~ to the start of this project, and might be transported through the drift and crosscut driven under project work, but there is doubt whether mineralization of the width and grade exposed in the old workings can be economically mined on such a flat dip. Certification as a development is not considered warranted.

It is recommended that the Operator's last Monthly Narrative Report, for April 1955, be accepted in lieu of the Operator's Final Report, that the contract be closed out without certification, and that no "closing letter" be sent to the Operator because of his failure, despite repeated requests, to submit an Operator's Final Report. Regulation?

W S Martin
W. S. Martin, Chief
Iron and Ferro-Alloys Division

DOCKET
SURNAME
Holt
Martin

February 9, 1956

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: General Summary of Contract and Results Obtained
Docket No. DMEA 3393 - Tungsten
Schaff, Bednar, Jones and Reinmiller
Windup claim
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SPHolt/foc
2-9-56
cc to: Docket
Code 400
Adm. Read. File
W. Chamberlain, Rm. 4454

W. S. Martin, Chief
Iron and Ferro-Alloys Division

10 mEa

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

1605 Evans Avenue
Reno, Nevada

January 3, 1956

Memorandum

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMEA-3393 (Tungsten)
Schaff, Bednar, Jones, and Reinmiller
Windup Claim
Mineral County, Nevada
Contract No. Idm-E744

Reference is made to your letter of December 19, 1955 regarding the Operating Committee's decision that a Certificate of Discovery should not be issued on subject property.

I believe your decision as set forth in your letter of July 28, 1955 was well founded and that a Certificate of Discovery should not be issued. We agree with you that the Operator's Final Report should be waived.

S. Ricker

JAN 9 1956

BUREAU OF MINES
WASHINGTON, D.C.
JAN 6 10 22 AM '56

400

DOCKET
Surname:
Holt
Martin
Selfridge
Jones
Mottendorf

cc: Docket
Code 400
Oper. Comm.
Adm. Read. File
T. Kiilsgaard, USGS
R. W. Holliday, USBM
FT, Reg. 2

DEC 19 1955

SPHolt/ls
12/16/55

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

Re: Docket No. DMEA 3393 - Tungsten
Schaff, Bednar, Jones, and
Reinmiller
Windup Claim
Mineral County, Nevada
Contract No. Idm-E744

Dear Mr. Ricker:

Reference is made to the captioned docket and to the letter dated May 11, 1955, addressed to your office by the Operator, stating that a final narrative report would be submitted within a week.

Reference is also made to our letter to you dated July 28, 1955, stating that no certification would be made. We now enclose copies of a memorandum dated October 5, 1955, to W. S. Martin from Ned E. Nelson, Geological Survey, wherein he concurred with the recommendation of the Field Team for certification, without having available at that time a copy of our same letter to you. Consequently, we would appreciate your comments on our finding that certification was not justified.

If your latest information causes you to concur with us, submission of the Operator's final report should be waived. Otherwise, please advise the Operator that his final report has not been received here and request that it be forwarded at his earliest convenience.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (SHB)

Enclosures

APPROVED:

/s/ Robert W. Geehan (SHB)
Member, Bureau of Mines

Thor H. Kiilsgaard (SHB)
Member, Geological Survey

IN REPLY REFER TO:

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

RECEIVED
OCT 7 - 1955

October 5, 1955

Re: DMEA 3393, Idm-E744
Schaff, Bednar, et al.
Windup Claim
Mineral Co., Nevada
$7,440.00 - Tungsten

Memorandum

To: W. S. Martin, Defense Minerals Exploration Administration

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

Subject: Review of Field Team Final report.

Two hundred and ninety-eight feet of drifting costing $7,152.00 was completed out of 310 feet set up to cost $7,440.00.

The work was done along a contact between limestone and underlying tuff searching for a downward extension of a scheelite ore body shown to occur in two 60-foot shafts whose bottoms are 140 feet up dip from the adit level. The extension was probably found, but it is lower grade, narrower and due to faulting less regular than shown at the shafts which are 80 feet apart. The drifting did not follow the vein far enough to determine its character at the adit level.

No ore was shipped and no royalty accrued. Since the [illegible]t will probably be used when the ore in the shafts (estimated [illegible]500 tons indicated and 900 tons inferred of 0.9% WO_3) is mined, [illegible]rtificate of discovery is recommended by the examiners and the [illegible] Team.

I concur with the recommendation.

N. E. Nelson

N. E. Nelson

BUREAU OF MINES
WASHINGTON, D. C.
OCT 6 3 49 PM '55

400 DOCKET SURNAME
Rutledge
Martin
McGinnis
Nelson
Hillman
Hildenbrand

JUL 28 1955

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

Re: Docket No. DMEA 3393 - Tungsten
Schaff, Radmer, Jones, and
Reinmiller
Windup claim
Mineral County, Nevada
Contract No. Idm-47hh

Dear Mr. Richer:

Reference is made to the Field Team's final report on the results obtained under the subject contract and the recommendation contained therein that the project be certified as a development from which production may be made.

We agree that no discovery has resulted from the exploration program. In addition, as the DMEA workings do not connect with any of the old workings and there is doubt whether mineralization of the width and grade exposed in the old workings can be economically mined on such a flat dip, certification as a development is not considered warranted. Consequently we do not intend to certify.

Sincerely yours,

W. S. Martin
ACTING Chairman, Operating Committee (2/6)

APPROVED:

/s/ Robert W. Geehan (2/6)
Member, Bureau of Mines

Thor H. Kiilsgaard (2/6)
Member, Geological Survey

FARutledge/fee/ls
7/25/55
cc to: Docket
Code 400
Adm. Read. File
Operating Comm.
FT. REG. II
R. W. Holliday, USBM
T. H. Kiilsgaard, USGS

R.C.S.

DMEA

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

RECEIVED
JUL 1 1955

1605 Evans Avenue
Reno, Nevada

July 8, 1955

Memorandum

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMEA-3393 - Tungsten
Schaff, Bednar, Jones, and Reinmiller
Windup Claim
Mineral County, Nevada
Contract No. Idm-E744

Attached are four copies of our final report on above subject contract by Roscoe M. Smith, Geological Survey and H. W. Jones, Bureau of Mines in which it is recommended that the project be certified as a development from which production may be made.

Roscoe Smith and I concur in the recommendation as set forth in the report.

S. Ricker

Attach.

Reviewed by
DMEA OPERATING COMMITTEE
7-15-55
(Date)

BUREAU OF MINES
WASHINGTON, D. C.

JUL 11 10 07 AM '55

UNITED STATES
DEPARTMENT OF THE INTERIOR
DOUGLAS McKAY, SECRETARY

RECEIVED
JUL 12 1955

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION II

FINAL REPORT

DMEA-3393, Contract Idm-E744 (Tungsten)
Schaff, Bednar, Jones & Reinmiller
Windup Claim, Mineral County, Nevada

by

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

Roscoe M. Smith
Geologist
U. S. Geological Survey

July 1, 1955

Reviewed by
DMEA OPERATING COMMITTEE
7-15-55
(date)

RECEIVED
JUL 12 1955

CONTENTS

	Page
Introduction	1
Summary	1
Conclusions and Recommendations	1
Location, Accessibility, Local Facilities	2
Property, History, Production	2
The DMEA Project	3
Geologic Setting	4
Ore Deposits	5
Sampling	6
Ore Reserves	6

ILLUSTRATIONS

Figure 1. Location map

Figure 2. Geologic map

INTRODUCTION

The Windup claim, Mineral County, Nevada, was explored by a partnership of Schaff, Bednar, Jones and Reinmiller, Box 100, Gabbs, Nevada in cooperation with the Defense Minerals Exploration Administration, docket DMEA 3393, under contract No. Idm-E744 dated December 7, 1954. Work was started January 19, 1955 and completed April 22, 1955. A final examination was made May 9, 1955 by Henry W. Jones, Bureau of Mines, and June 22, 1955 by R. M. Smith, Geological Survey.

SUMMARY

The purpose of the project was to explore the downward continuation of a scheelite deposit that is revealed in two 60-foot inclined shafts along a contact of limestone and tuff. A crosscut adit was extended 187 feet to cut the contact and a drift was driven 111 feet along the contact. Tungsten ore discovered in the drift was too narrow and too low grade to be commercial, but the drift did not adequately explore the target area, and the ore reserves are unchanged by the work. All the funds provided under the contract have been expended and the operators have stopped work and removed all equipment. They do not plan to do additional exploration.

CONCLUSIONS AND RECOMMENDATIONS

Production from the existing showings on the adit level is not economically feasible. The work showed that the target is of limited size but as the reserves are unchanged additional exploration is warranted. Because the reserves may be extracted through this level within ten years, we recommend that the project be certified as a development from which production may be made.

LOCATION, ACCESSIBILITY, LOCAL FACILITIES

The Windup tungsten claim is in sec. 8, T. 7 N., R. 34 E., MDB&M, Mineral County, Nevada, in the Garfield Hills at an altitude of about 5,500 feet. It is reached by following an unimproved desert road westward from a point 0.2 miles north of the town of Luning, 3.5 miles up a progressively steep desert wash to the mine. The property is accessible by car at all times except for infrequent intervals when the road is closed by snowfall.

The climate is arid with hot summers and moderate winters. Labor is available to a small extent in Hawthorne 29 miles distant. Water for mine use is hauled from Luning. Power, telephone, mail service and rail transportation is also available at Luning. Lumber, supplies and accessory mining material must be obtained from Hawthorne.

PROPERTY, HISTORY, PRODUCTION

The property consists of one claim, the Windup, previously owned jointly by C. E. Robinson of Babbitt, Nevada, and Mrs. Schuyler Schaff, 1412 Westfield Avenue, Reno, Nevada. On September 8, 1953, R. O. Jones, Joe Bednar, and F. W. Reinmiller, partners, Gabbs, Nevada obtained a quit claim deed from C. E. Robinson for his half interest.

The mine workings consist of two shallow inclined shafts in an unsafe condition that follow down the dip of the contact from near the brow of a small hill. One is 70 feet deep on a 32° slope, the other is 60 feet deep on a 21° slope, and an adit driven from the bottom of the gully, 85 feet in elevation below the shafts. DMEA work extended the 170-foot adit an additional 187 feet to and just

Cont

beyond the relatively flat contact, thence west under the shafts for an additional 111 feet.

It is not known when the previous exploration work was done. Most of the ore shipped was obtained by the sinking operations; however, a considerable amount was stoped to the surface from the east side of the East shaft. In August-September 1953 the shaft dumps were shipped to the Sinkey Tungsten mill at Sodaville, Nevada. Records of the 374-ton shipment indicate the head samples analyzed 0.45 percent WO_3.

There is no current production from any part of the mine.

THE DMEA PROJECT

The work was justified by the size and grade of the ore shoot exposed in the two inclined shafts. The project consisted of two stages:

Stage I: Extend the adit on the claim by crosscutting and/or drifting approximately 200 feet to intersect the downward extension of the mineralized limestone-tuff contact.

Stage II: Contingent upon the results of Stage I, drift 110 feet along the mineralized contact.

Work was started by Joe Bednar, partner, on January 19, 1955 with use of his mining equipment and portable compressor. A 4-foot rock shelf at the face had to be removed and was consequently allowed for. A N. 45° E. bearing was taken for the nearest vein intersection and driven for 194 feet, to and through the tuff-limestone contact. It was considered by the visiting engineer that an excessive amount of unnecessary work was completed beyond the contact and payments should be made on an allowable 187 feet of crosscutting. A slab round

12

was placed to the east along the contact at 175 feet, showing what was considered fair scheelite indications over a 1.5 foot width. Based on the scheelite showings, approval for the second stage was given the operators to drift ~~westerly~~ easterly towards the downward extension at the shaft ore zone. Difficulty was immediately encountered in the ravelly ground and irregular faulted contact, and necessitated some timber sets. The contact was followed for 111 feet, showing only occasional scheelite mineralization, too disseminated and sparse to sample. Due to a mistake in measurement by the operator a total of 298 feet of the 310 feet allowed under the contract was completed.

The operator, Joe Bednar, was considered to be an exceptionally efficient and practical miner. The small errors noted in measurement were inadvertent and in no way reflect on his competency.

Total approved cost of the project: 310 feet at $24.00/ft.	$ 7,440.00
Units completed 298 feet	$ 7,152.00
Government's share of the cost.	$ 5,364.00
Government's share unexpended	$ 216.00

There was no production from the mine during operations and the Government is not entitled to royalties.

GEOLOGIC SETTING

The Garfield Hills in the vicinity of the Windup claim are composed of a thick sequence of Triassic and Jurassic metasedimentary and meta-volcanic rocks that have been extensively folded into east trending folds, cut by thrust faults, intruded by granodiorite of Jurassic age, and cut by normal faults of Tertiary age.

The metamorphic rocks have been subdivided into three formations. In order of youngest to oldest these are:

		Thickness Feet
Dunlap formation	- limestone, sandstone, sandy tuff, greenstone	5,000
- unconformity		
Luning formation	- slate containing an interbedded limestone member	5,000
Excelsior formation	- greenstone, chert and tuff	4,000

The granodiorite is not exposed in the mine area but is inferred to lie at a shallow depth. Only one small outcrop of aplite is revealed at the surface.

Several thrust faults cut the stratified rock in this region and the tungsten and copper minerals of the Windup mine occur along one of these faults. Normal faults dating from Tertiary to Recent displace all the rocks including the mineralized thrust fault contacts.

ORE DEPOSITS

Scheelite occurs disseminated in limestone along and near a contact between limestone and underlying tuff. The contact strikes east and dips 20° to 30° north. An ore shoot ranges from 12 to 36 inches in width and has been explored for about 70 feet along the strike and 70 feet down the dip. Small and scattered occurrences of scheelite were found for a strike length of 370 feet, but only one ore shoot, which was explored by the two inclined shafts (fig. 2), is of minable width or grade. Malachite and azurite stain much of the wall rock along the mineralized contact.

Under the DMEA contract a segment of the mineralized contact about 35 feet long was explored on the adit level. Here scheelite occurs in blocks of limestone within the contact zone in lenses 6 to 18 inches wide that averaged .2 percent WO_3. The mineralized contact is cut by a north dipping normal fault and exploration along this fault has not proceeded far enough to cut the faulted continuation of the mineralized contact. The inferred position of this faulted continuation is shown on figure 2.

SAMPLING

Sample No.	Width-ft.	% WO_3	Location
147	0.8	0.15	Brecciated zone. Fine grained scheelite associated with Cu stain at contact. Taken at 175' pt.
148	1.6	0.21	Face drift at crosscut-drift intersection. Gouge and brecciated rock, Fe and Cu stain.

ORE RESERVES

In their report of examination Trengove and Shawe (DMEA-3393, September 30, 1954, p. 6) estimated ore reserves 500 tons of indicated ore and 700 tons of inferred ore averaging 0.9 percent WO_3 in the block between and down the dip from the existing inclined shafts. The exploratory work did not test enough of the mineralized contact to determine whether or not these reserves actually exist. Because the target area was not reached the reserve estimate remains the same as at the start of the program.

DEPT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 5 - 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

Date: May 2, 1955

Memorandum

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -
Docket DMEA 3393

Contract Idm-E 744

Commodity Tungsten

Operator - Schaff, Bednar, Jones and Reinmiller

Property - Windup Claim, Mineral County, Nevada

By Henry W. Jones

Dated May 2, 1955

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

Attachments

Copy to: R. M. Smith--USGS (w/copy of report)
Finance Officer, Region II (w/copy of report)
File

Minerals Administration
RECEIVED
MAY 5 1955

INTERIM REPORT

Docket No.: DMEA-3393 - Tungsten May 2, 1955

Name and address of Operator: Schaff, Bednar, Jones and Reinmiller
Box 100, Gabbs, Nevada

Name and location of property: Windup Claim, Mineral Co., Nevada, approximately 5 miles south of Luning

Contract No.: Idm-E744

SUMMARY AND CONCLUSIONS

The Windup claim was visited on April 15, 1955 to determine the amount of work completed under terms of the DMEA exploration contract. Work was resumed after a short lay-off while awaiting the Government's written approval to continue the Stage II part of the program.

The drift was advanced 89 feet to the southeast along the limestone-tuff contact. Occasional sparse scheelite mineralization was observed but none of commercial value has been encountered. About 34 feet of additional drifting remained to complete the 310 feet allotted under Stage I and Stage II of the contract.

WORK COMPLETED

The mine was visited in company with Joe Bednar, partner, on April 15, 1955. Work was resumed on the contract about ten days after the previous visit of March 1, 1955, after approval of Stage II to the program. The drift was swung sharply to the southwest for 28 feet following a faulted segment of the contact. The structure then re-

sumed its normal N. 80° E. strike and 40° north dip. The drift was driven an additional 89 feet for a total of 92 feet drift advance and 187 feet crosscut advance. Total footage used to date is 276 feet of the allotted 310 feet. The marking copper carbonate stain that follows the limestone-tuff contact was more distinct near the face, presumably indicating a less fractured condition of the surrounding rocks. Scheelite specks were noted occasionally within the stain area, however were too disseminated to be worth sampling.

COMMENTS

The only scheelite showing of consequence noted along the drift was encountered where the crosscut first struck the contact. Further drifting to the southeast failed to show any but minor specks at scattered locations.

The Operators are of the opion that if commercial tungsten mineralization is not encountered within the 34 feet of drifting remaining under contract, work at the mine will concluded.

Henry W. Jones

Henry W. Jones
Mining Engineer

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 5 - 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

Date: May 2, 1955

Memorandum

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -
Docket DMEA - 3551

Contract Idm-E 779

Commodity Lead-zinc

Operator - A. C. Nelson, V. Nelson, and Don H. Clair

Property - 4 Aces Mine, Sylvania Mining Dist., Esmeralda Co., Nev.

By B. H. Sheahan

Dated May 2, 1955

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

Attachments

Copy to: R. M. Smith--USGS (w/copy of report)
Finance Officer, Region II (w/copy of report)
File

RECEIVED
MAY 5 - 1955

INTERIM REPORT

Docket No.: DMEA-3551 - Lead-zinc May 2, 1955

Name and address of operator: A. C. Nelson, V. Nelson, and Don H. Clair, partners
Dyer, Nevada

Name and location of property: 4 Aces Mine, Sylvania Mining Dist., Esmeralda County, Nevada

Contract No.: Idm-E779

SUMMARY AND CONCLUSIONS

The property was inspected by an engineer of the Bureau of Mines, accompanied by Mr. Don H. Clair, on April 28, 1955.

The water level in the exploration shaft was 8 feet below the 110-foot level and work completed under the contract was inaccessible. Mr. Clair reported that shaft sinking operations were started at a depth of 128 feet on April 7, 1955, and that the shaft was sunk about 27 feet to a total depth of 155 feet. A flow of water amounting to about 100 gallons per hour was encountered. The operator has installed a pump and expects to resume exploration work in a few days.

No ore was found by the work completed although muck exposed on the dump showed traces of galena in altered limestone.

The crew at the property included only Mr. Clair and his son. The operator intends to hire a skilled miner to assist with the explor-

ation work.

Although old workings are believed to exist on the 160-foot level of the mine, their location is unknown. The engineer cautioned the operator that these workings probably are flooded and might be intersected.

The operator suggested driving crosscuts on the 160-foot level instead of the 100 feet of drift work outlined by the contract. Exploration work remaining to be completed includes 23 feet of shaft sinking and 100 feet of drifting. The new workings will require timber.

RECOMMENDATIONS

1. The operation could be improved by employing at least one skilled miner. The use of a conventional sinking pump would be an improvement. Both of these recommendations were made to the operator.

2. No recommendations are made to change the project target or to amend the contract.

3. No payments should be made on contract until the shaft is unwatered, inspected and measured.

OTHER INFORMATION

Mr. Clair reported that the owners had received offers to sell the property and that negotiations had not reached a conclusion.

The small concentrating plant at the property has been reconditioned and plans are being made to operate it this season.

B. H. Sheahan
B. H. Sheahan
Mining Engineer

400

DOCKET
SURNAME
Rutledge
Martin
Selfridge
Hedges
Kiilsgaard

APR - 5 1955

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

Re: Docket No. DMEA 3393 - Tungsten
Schuff, Bednar, Jones, and Reinmiller
Winship claim
Mineral County, Nevada
Contract No. 14-87[illegible]

Dear Mr. Richer:

Reference is made to the subject docket and the deletion made on the operator's monthly report and voucher for February 1955.

We appreciate the close supervision the Field Team is giving the DMEA projects and agree that unnecessary work should not be paid for. However where the authorized project comprises crosscutting to intersect a target followed by drifting along the target, that target may often not be readily identifiable or the gradation between the mineralized and unmineralized rock may not be sharp. To insure that the full width of the mineralization has been exposed in such cases, it is often necessary or at least prudent to crosscut a round or two more than the absolute minimum if such footages are allowable within the maxima set forth in the contract.

We realize that the field representatives are also aware of this problem, and we recognize that they are in a better position than we are to judge when work is unnecessary and should not be allowed.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (2HB)

APPROVED:

J. H. Hedges (2HB)
Member, Bureau of Mines

Thor H. Kiilsgaard (2HB)
Member, Geological Survey

FARutledge:foc 4-4-55
cc to: Docket
Code 400
Admr. Reading File
Operating Comm.
FT. REG. II
Messrs. Holliday, USBM
Kiilsgaard, USGS

R.O.G.

DMEA

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

MAR 18 1955

Office of
Executive Officer
DMEA Field Team
Region ~~III~~ II

420 Custom House
555 Battery Street
San Francisco 11, California

Date: March 15, 1955

Memorandum

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

From: Executive Officer, DMEA Field Team, Region ~~III~~ II

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -
Docket DMEA 3393

Contract Idm-E 744

Commodity Tungsten

Operator - Schaff, Bednar, Jones & Reinmiller

Property - Windup Claim, Mineral County, Nevada

By Henry W. Jones

Dated March 10, 1955

Executive Officer,
DMEA Field Team, Region ~~III~~ II

Attachments

Copy to: R. M. Smith--USGS (with copy of report)
Finance Officer, Region ~~III~~ II (with copy of report)

INTERIM REPORT

Docket No.: DMEA-3393 (Tungsten) March 10, 1955

Name and address of operator: Schaff, Bednar, Jones & Reinmiller
Box 100
Gabbs, Nevada

Name and location of property: Windup Claim, Mineral County, Nevada, approximately 5 miles south of Luning.

Contract No.: Idm-E744

SUMMARY AND CONCLUSIONS

The Windup claim was inspected on March 1, 1955 to determine the extent of work completed under terms of the DMEA exploration loan. Work consisted of extending the crosscut an additional 88 feet to and beyond the limestone tuff contact for a total crosscut advance of 194 feet. A 6-foot slab round was placed along the contact to the east for a 3-foot advance. Total footage claimed on the date of inspection, therefore, is 197 feet. Intermittent lenses of scheelite ore occur in the fault contact associated with copper carbonates.

Work through stage 1 of the program progessed in a very efficient and satisfactory manner.

RECOMMENDATIONS

The visiting engineer considered that through neglect of the operating supervisor, the crosscut was extended too far beyond the sought for contact. It is, therefore, recommended that 10 feet of the measured 197 feet be disallowed and payments made on 187 feet.

It is also recommended that because of favorable scheelite showings noted along the contact, additional work is warranted and written approval be given the operators for stage 2 of the program.

WORK COMPLETED

The Windup claim was visited in company with Joe Bednar (partner) on March 1, 1955. The slab round along the mineralized contact had been blasted the night previous and mucking was in progress.

The heading was advanced an additional 88 feet on the N. 45° E. bearing for a total advance of 194 feet. A copper stained seam containing an occasional grain of scheelite was encountered and followed from 146 feet to its intersection with the main structure. At 175 feet, the main limestone-tuff contact was intersected. The intervening fault gouge contained copper stain and a varying width, 6 to 18 inches, of fine grained scheelite estimated at 1.0 to 1.5 percent WO_3. The adit continued through the contact zone and into barren limestone along the same heading for an additional 10 feet. The last round was a 6-foot slab round placed along the strike (N. 85° E) of the contact and measured an additional 3-foot advance.

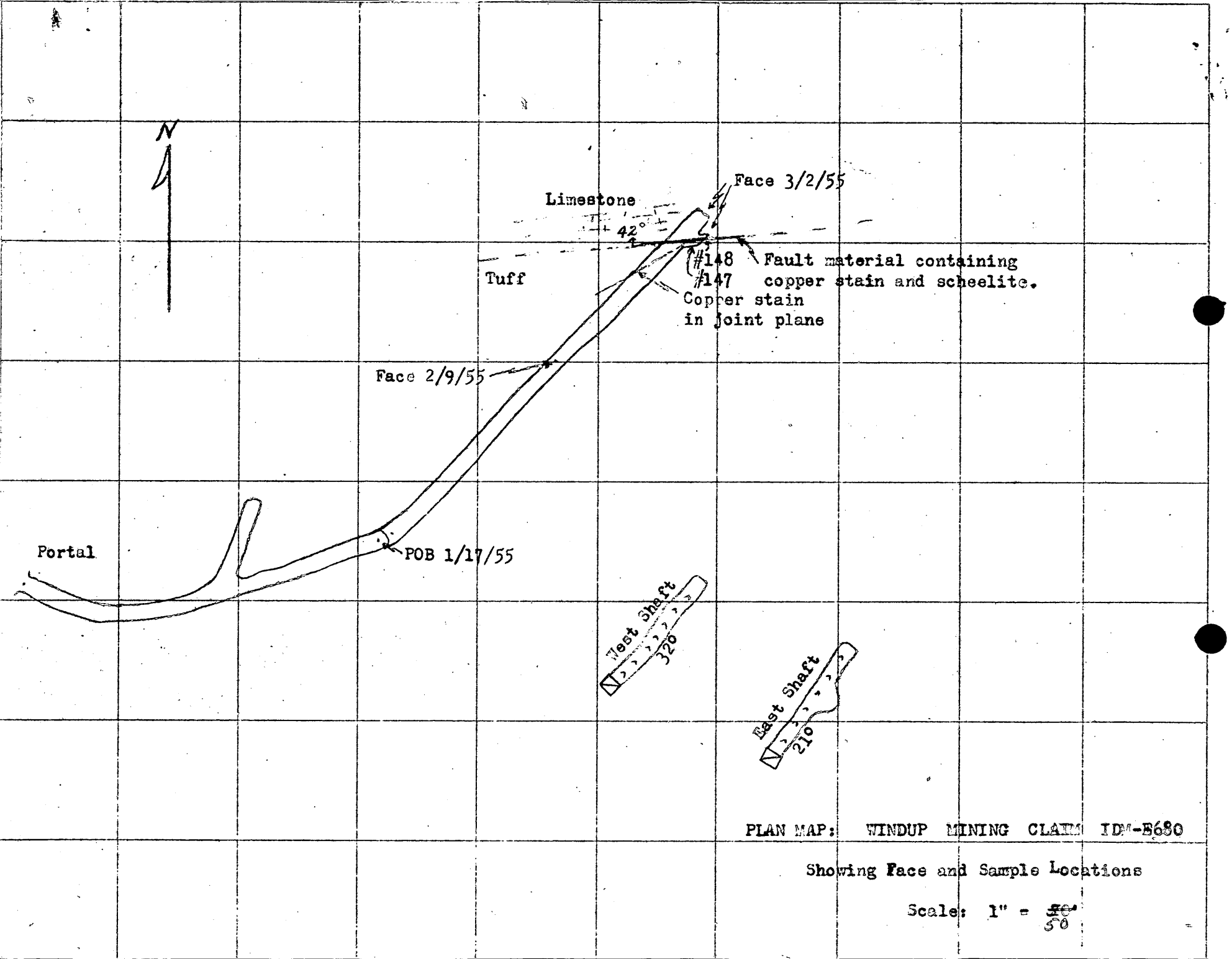
At the conclusion of the mucking, all work was to be temporarily concluded pending the favorable consideration of stage 2 part of the program.

Two samples were taken of the scheelite mineralization in the fault gouge. Results have not yet been received.

COMMENTS

Inasmuch as the operators assumed the Stage I part of the program was completed, and there would be a time lag prior to granting Stage II, the compressor, air hammer, and hoses were being removed from the mine to prevent them from being stolen.

Henry W. Jones
Mining Engineer



PLAN MAP: WINDUP MINING CLAIM IDM-B680

Showing Face and Sample Locations

Scale: 1" = ~~50'~~ 50

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
FEB 28 1955

Office of
Executive Officer
DMEA Field Team
Region ~~III~~ II

420 Custom House
555 Battery Street
San Francisco 11, California

Date: February 23, 1955

Memorandum

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

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -
Docket DMEA - 3393

Contract Idm-E 744

Commodity Tungsten

Operator - Schaff, Bednar, Jones, & Reinmiller

Property - Windup Claim
Mineral County, Nevada

By H. K. Stager, Geologist

Dated February 21, 1955

Executive Officer,
DMEA Field Team, Region ~~III~~ II

Attachments

Copy to: R. M. Smith--USGS (with copy of report)
Finance Officer, Region ~~III~~ II (with copy of report)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Mineral Deposits Branch
4 Homewood Place
Menlo Park, California

S. Ricker 2/23/55
Answered

February 21, 1955

Re Docket No 3393
Contract Idm E 744

Memorandum

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

From: H. K. Stager, Geologist, U. S. Geological Survey H.K. Stager

Subject: Interim Inspection Report of the Windup Claim, Mineral County, Nevada

The following paragraph on geology is to be included with the interim inspection report, dated February 15, 1955 and prepared by Henry W. Jones, for the Windup Claim, Mineral County, Nevada:

GEOLOGY

The entire 106 feet of advance in the adit at the Windup claim has been driven in the light tan to brown volcanic tuff of the lower Jurassic Dunlap formation. The bearing of the adit has been shifted 15 degrees to the north from the original bearing in order to cut the contact at a point closer to the starting point of the DMEA work. This shift is justified on geologic grounds and should permit a greater length of ore zone to be explored with the footage allowed under the contract by reducing the amount of crosscutting required to reach the contact. The scheelite- and copper-bearing tactite layer at the contact of the tuff and the overlying limestone bed had not yet been reached at the time of the interim inspection. It is inferred, by projection of the contact from exposures in the inclined shafts 85 feet above the adit level, that this tactite layer will be encountered within the next 50 feet. The contact dips into the hill at a low angle (21 to 32 degrees) and must continue in depth at about the same dip, as the next canyon to the north is in limestone at an altitude lower than the adit level. When the contact is reached by the adit a drift will be run to the east along the contact to determine the grade and continuity of the scheelite-bearing material.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
FEB 21 1955

Office of
Executive Officer
DMEA Field Team
Region ~~XXX~~ II

420 Custom House
555 Battery Street
San Francisco 11, California

Date: February 17, 1955

Memorandum

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

From: Executive Officer, DMEA Field Team, Region ~~XXX~~ II

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -
Docket DMEA - 3393

Contract Idm-E 744

Commodity Tungsten

Operator - Schaff, Bednar, Jones, & Reinmiller

Property - Windup Claim
Mineral County, Nevada

By Henry W. Jones, Mining Engineer

Dated February 15, 1955

Executive Officer,
DMEA Field Team, Region ~~XXX~~ II

Attachments

Copy to: R. M. Smith--USGS (with copy of report)
Finance Officer, Region ~~XXX~~ II (with copy of report)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 21 1955

INTERIM REPORT

Docket No.: DMEA-3393 (Tungsten) February 15, 1955

Name and address of operator: F. W. Reinmiller
Box 100
Gabbs, Nevada

Name and location of property: Windup Claim, Mineral County, Nev., approximately 5 miles south of Luning.

Contract No.: Idm-E744

SUMMARY AND CONCLUSIONS

The Windup claim was inspected on February 9, 1955 to determine if work had been done under terms of the DMEA exploration contract. It was learned that the compressor was installed and work started two days after the previous visit; the starting date was, therefore, set at January 19, 1955. Measurements taken from a pre-established point indicate the crosscut was advanced a total distance of 106 feet on a N45°E bearing. There was no change in character of the rock and no mineralization encountered in the new heading.

Work is progressing in a rapid and efficient manner with no unusual difficulties being encountered.

WORK COMPLETED

The Windup claim was visited in company with H. K. Stager, USGS, in order to determine if any advance had been made under the terms of the DMEA contract.

It was found that work had started immediately after the previous visit of Jan. 17, 1955, or on Jan. 19, 1955 under direction of Mr. Bednar (one of the partners). A rock shelf left by the previous operations was blasted to start on a flat face and the crosscut was swung 15 degrees to the left on a N45°E bearing. Crosscut advance was measured at 106 feet, all within a slightly brecciated volcanic tuff. No mineralization was encountered.

Three men are employed at the mine, including Bednar, working on a one shift round in round out basis. Drilling is being done by means of a jackhamer mounted on an air jackleg. Approximately 16 holes drilled to a 5-foot depth are used to a round. The footage pulled each round averages 5.3 feet. Mucking is done by hand into a 15 cubic foot mine car.

OTHER INFORMATION

The surrounding mine workings were examined by the visiting engineer and geologist. Possibilities exist that the ore bearing structure does not extend to the depth of the present driven adit, and if it does, it tends to flatten with depth. During a visit on the following evening with F. W. Reinmiller, it was discussed with him that perhaps some long drill holes should be extended from the back of the adit, on company account, if mineralization is not encountered within the next 60 feet. The drill holes would establish the horizon of mineralization if they exist and further exploration programs could be planned from the data obtained.

Henry W. Jones

Henry W. Jones
Mining Engineer

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB - 4 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region ~~XXX~~ II

420 Custom House
555 Battery Street
San Francisco 11, California

Date: January 31, 1955

Memorandum

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

From: Executive Officer, DMEA Field Team, Region ~~XXX~~ II

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -
Docket DMEA - 3393

Contract Idm-E 744

Commodity Tungsten

Operator - Schaff, Bednar, Jones, & Reinmiller

Property - Windup Claim
Mineral County, Nevada

By Henry W. Jones, Mining Engineer

Dated January 27, 1955

Executive Officer,
DMEA Field Team, Region ~~XXX~~ II

Attachments

Copy to: R. M. Smith--USGS (with copy of report)
Finance Officer, Region ~~XXX~~ II (with copy of report)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB - 4 1955

INTERIM REPORT

Docket No.: DMEA-3393 (Tungsten) January 27, 1955

Name and address of operator: F. W. Reinmiller,
Box 100
Gabbs, Nevada

Name and location of property: Windup claim, Mineral County, Nev., approximately 5 miles south of Luning.

Contract No.: Idm-E744

SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

The Windup claim was visited on January 17, 1955 inorder to become acquainted with the mine workings and to determine if work had started under terms of the DMEA contract. Official date of starting was to be January 10, 1955.

Severe winter storms hampered preparations with a consequent lack of progress. No work had been done to date under the contract. It is recommended that the starting date be advanced to January 31, 1955.

COMMENTS

The visit to the Windup claim was made on January 17, 1955 during a heavy snowfall, consequently, no one was at the mine. During the course of the inspection, the visiting engineer marked a point on the tunnel wall, 29 feet back from the existing face, from which all future measurements will be taken.

It was noted that 12-pound rail had been laid from the dump

to near the face. The necessary water and air lines were laid awaiting a compressor.

Mr. Bednar, one of the partners, was interviewed at Luning, Nevada. He stated that work was delayed pending obtaining a suitable vehicle to pull the small gyro-flo compressor from Luning to the mine.

Henry W. Jones

Henry W. Jones
Mining Engineer

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

Defense Minerals Administration
RECEIVED

420 Custom House
555 Battery Street
San Francisco 11, Calif.

January 5, 1955

Memorandum

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMEA-3393 - Tungsten
Schaff, Bednar, Jones, and Reinmiller
Windup Claim
Mineral County, Nevada
Contract No. Idm-E744

Reference is made to Mr. George C. Selfridge's letter of December 7, 1954, transmitting to this office the original and five copies of subject contract.

The contract has been executed on the part of the Operator and one copy retained by him. Attached are the original and two copies for your office. Distribution has been made of the Field Team and Finance Officer's copies.

S. Ricker
Executive Officer
DMEA Field Team, Region II

Attachments

Copy to: A. C. Johnson, Reno (With copy of contract)
Finance Officer, Region II (With copy of contract)
Roscoe Smith, USGS
George Mavor

DMEA- Washington

Docker

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

[illegible]
[illegible]
[illegible]
[illegible]

[illegible] Gaston Jones
[illegible] Battery Street
San Francisco 11, California

[illegible] 1, 1959

Mr. [illegible] Weinmiller
Schaff, [illegible], Jones and Weinmiller
[illegible]
[illegible], Nevada

RE: Docket No. DMEA-3393 (Tungsten)
Schaff, Sednar, Jones and Weinmiller
Windup Claim
Mineral County, Nevada
Contract No. Idm-17444

Dear Mr. Weinmiller:

We are enclosing the original and five copies of the above subject exploration contract signed by the Administrator, Defense Minerals Exploration Administration, for the Government, together with Annex I (1 page), Exhibit "A" (1 page), and one map (Figure 2).

If the terms and conditions of this proposed contract are satisfactory to you, all six copies should be signed by you and your partners. You should then retain the copy marked "Operator's Copy" and return the original and other four copies to this office.

If any part of this contract does not have your approval, the original and all copies are to be returned to this office with your proposed changes.

Sincerely yours,

S. RICKER

S. Ricker
Executive Officer
DMEA Field Team, Region III

Enclosures

Copy to: DMEA-Washington, D.C.
A. C. Johnson, Reno
R. M. Smith-USGS

Docket
Martin
Hedges
Kiilsgaard
Selfridge
Johnson

DEC - 7 1954

Hon. Clifton Young
House of Representatives
Washington 25, D. C.

My dear Mr. Young:

This will acknowledge receipt of your letter of November 29, 1954, inquiring about the status of an application submitted by Schaff, Bednar, Jones, and Reinmiller, of Gabbs, Nevada, for exploration assistance on the Windup claim, Mineral County, Nevada, our docket No. DMEA 3393.

We are glad to report that a contract covering a project to cost $7,440.00, of which the Government's contribution will be $5,580.00, is being transmitted to the applicants for execution.

If we can be of any further service in this matter, please advise us.

Sincerely yours,

C. O. Mittendorf

Administrator

cc: Docket
Adm. Read. File
Oper. Committee
Code 400
Field Team, Region 3
R. W. Geehan, USBM
Thor Kiilsgaard, USGS

WSMartin/ls
12/3/54

CLIFTON YOUNG
REPRESENTATIVE AT LARGE
NEVADA

WASHINGTON ADDRESS:
421 HOUSE OFFICE BUILDING

P.O.Box 2478
Reno, Nevada

COMMITTEES:
INTERIOR AND INSULAR AFFAIRS
EDUCATION AND LABOR

Congress of the United States
House of Representatives
Washington, D. C.

November 29, 1954

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC - 2 1954

WSay

Defense Minerals Exploration Administration
Washington 25, D. C.

RE: Docket No. DMEA-3393,
Exploration Assistance Windup
Claim, Mineral County, Nevada.

Gentlemen:

This office has recently been contacted by a constituent with regard to an application for exploration assistance dated June 11, 1954, and acknowledged by your office on June 21st, 1954.

I would appreciate any information you might furnish me with respect to the current status of this application.

Very truly yours,

Clifton Young

Clifton Young
Member of Congress

CY/mw

DOCKET
SURNAME
400 Rutledge
Martin
Chandler
Sahagen
Selfridge
Johnson
McHendry

DEC - 7 1954

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

Re: Docket No. DMEA 1373 - Tungsten
Schaff, Redman, Jones, and
Reinmiller
Windup claim
Mineral County, Nevada

Dear Mr. Richer:

Enclosed are the original and five copies of a proposed contract for an exploration program at the above-referenced property, signed by the Administrator for the Government, together with Annex I (1 page), Exhibit "A" (1 page), and one map.

If the terms and conditions of this proposed contract are satisfactory to you and the Operator, all six copies should be signed and the usual distribution made.

If any part of this proposed contract does not have either your approval or that of the Operator and cannot be amended within your delegated authority, the original and all copies of the proposed contract are to be returned to this office, together with the proposed changes for consideration.

Under Article 3, the starting date has been left blank and is to be filled in when the contract is signed by the Operator.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GCS)

Enclosure

FARutledge:fec / 11-29-54
cc to: Docket
Code 400
Adm. Reading File
Operating Comm.
FT. REG. III
R. W. Geehan, USBM
Thor H. Kiilsgaard, USGS

APPROVED:

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

Thor H. Kiilsgaard
Member, Geological Survey (THK)

400

DOCKET
SURNAME
Rutledge

MEMORANDUM

To: Acting Assistant Solicitor, Defense Minerals

From: Iron and Ferro-Alloys Division, DMEA

Subject: Preparation of proposed contract
Docket No. DMEA 3393 - Tungsten
Schaff, Bodner, Jones, and Reinmiller
Windup claim
Mineral County, Nevada

Transmitted herewith are the copies of the map referred to in our memorandum of November 16, 1954.

F.A. Rutledge, Acting Chief
Iron and Ferro-Alloys Division

Attachment

cc to: Docket
Code 400
Adm. Reading File

DOCKET
Surname:
Rutledge

NOV 24 1954

Mr. F. W. Reinmiller
Schaff, Bednar, Jones, & Reinmiller
P. O. Box 100
Gabbs, Nevada

Re: Docket No. DMEA 3393-Tungsten
Windup claim
Mineral County, Nevada

Dear Mr. Reinmiller:

This will acknowledge your letters of September 27 and November 18, 1954, regarding the status of the above-docketed application for exploration assistance.

We regret that we were unable to answer your inquiry of September 27 sooner, but there were several differences of opinion on the merits of the requested exploration. These have now been resolved, and a draft of a proposed exploration contract is being processed.

We will advise you promptly when a final decision is made.

Sincerely yours,

C. O. Mittendorf

Administrator

CC: Docket
Adm. Read. File
Oper. Comm.
Field Team, Reg. 3
R. W. Geehan, USBM
Thor Kiilsgaard, USGS
Code 400

FARutledge/ls
11-23-54

R.C.S.

Rutledge

DOCKET
SURNAME
Martin

400

Schaff, Bednar, Jones, and Reinmiller
c/o Mr. F. W. Reinmiller
P. O. Box 100
Gabbs, Nevada

Re: Docket No. DMEA 3393 - Tungsten
Windup claim
Mineral County, Nevada

Gentlemen:

This will acknowledge Mr. Reinmiller's letter of September 27, 1954, with regard to the status of the above-docketed application for exploration assistance. Your application and other data available to us in Washington concerning the referenced property have been reviewed.

Projects approved by the Defense Minerals Exploration Administration must, in its judgment, show definite promise of yielding materials of acceptable grade in quantities that will significantly improve the mineral supply position for the National Defense Program.

Careful study of all our information, although noting the occurrence of tungsten mineralization on your property, indicates to us that the probability of disclosing minable tungsten ore reserves by your proposed program is not sufficiently promising to justify Government participation. Under these circumstances, we regret to advise you that your application is denied.

We wish to thank you for your interest in the Defense Minerals Exploration Program and for bringing this property to our attention.

Sincerely yours,

Administrator

FARUTLEDGE:foc
10-6-54
cc to: Docket
Code 400
Adm. Reading File
Operating Comm.
FT. REG. III
R. W. Geehan, USBM
Thor H. Kiilsgaard, USGS

Docket

P. O. Box 100,
Gabbs , Nevada
November 18, 1954

Defense Minerals Exploration Administration
Washington 25, D. C.

RE: Docket No. DNEA-3393, Exploration Assistance
Windup Claim, Mineral County, Nevada.
Schaff, Bednar, Jones & Reinmiller

Gentlemen:

Our application for exploration assistance dated June 11, 1954, and acknowledged by you June 21, 1954, is presumed by us to be still awaiting action by you since we have received no advisement on the matter.

Your letter of July 14th was received, advising of a field examination, and the field team arrived shortly thereafter, made the examination and departed. We presume that the field report has been submitted.

In September, I wrote you asking when we could expect some decision on our application, but to date we have not received a reply to this letter.

In as much as more than five months has passed since our application was submitted, we ask that you acknowledge this letter and advise us as to the status of our application.

Very truly yours,

Schaff, Bednar, Jones & Reinmiller

By F. W. Reinmiller by R.D.J.
F. W. Reinmiller

cc: The Hon. Clifton Young
Representative at Large,
State of Nevada

400

DOCKET
SURNAME
Rutledge

November 16, 1954

MEMORANDUM

To: Acting Assistant Solicitor, Defense Minerals

From: Chief, Iron and Ferro-Alloys Division, DMEA

Subject: Preparation of proposed contract
Docket No. DMEA 3393 - Tungsten
Scheff, Redner, Jones, and Reinmiller
Windup claim
Mineral County, Nevada

Transmitted herewith is a rough draft of a proposed contract for your use in preparing the final draft.

Copies of the map referred to therein are being prepared and will be forwarded for attachment to the proposed contract later.

F. A. Rutledge, Acting Chief
Iron and Ferro-Alloys Division

FARutledge:fec
11-16-54
cc to: Docket
Code 400
Adm. Reading File

EXPLORATION PROJECT CONTRACT
SCHAFF, BEDNAR, JONES, AND REINMILLER
DOCKET NO. DMEA 3393

ANNEX I

The land referred to in Article 2 of the Contract consists of the unpatented Windup mining claim, located approximately three (3) miles west of Luning, Nevada, as recorded in Mining Locations, pages 20 and 21, Book 14, on file in the Auditors and Recorders Office, Hawthorne, Mineral County, Nevada.

EXPLORATION PROJECT CONTRACT
SCHAFF, REDNAR, JONES, AND KRIMMILLER
DOCKET NO. IMSA 3393

EXHIBIT "A"

Description of the Work

The objective of this project is the exploration for tungsten on the Windup segmented lode mining claim.

The work consists of two stages and is substantially indicated on the attached map entitled: "Fig. 2, Geologic map of the Windup mining claim, Mineral County, Nevada."

All drifts and crosscuts shall be timbered as necessary and shall be not less than 4 feet by 7 feet in the clear.

Representative samples shall be taken of all mineralized ground encountered. Each sample shall be divided into at least two parts, one of which is to go to the Field Team and the other to the Operator.

Stage I

Extend the adit on the Windup claim by crosscutting and/or drifting 300 feet to intersect the downward extension of the mineralized limestone-tuff contact.

Stage II

The work under Stage II is to depend upon the results achieved under Stage I and is to be undertaken only if warranted in the opinion of the Government and written approval given.

Drift and/or crosscut an additional 118 feet to further explore the limestone-tuff contact.

ESTIMATED COSTS OF PROJECT

AGREED UNIT COSTS

Drift and/or crosscut 310 feet @ $24.00/ft.	$7,440.00
TOTAL AGREED UNIT COSTS	$7,440.00
GOVERNMENT PARTICIPATION @ 75%	$5,580.00

November 16, 1954

MEMORANDUM

To: Acting Assistant Solicitor, Defense Minerals

From: Chief, Iron and Ferro-Alloys Division, DMEA

Subject: Preparation of proposed contract
Docket No. DMEA 3393 - Tungsten
Schaff, Bodner, Jones, and Reinmiller
Bishop claim
Mineral County, Nevada

Transmitted herewith is a rough draft of a proposed contract for your use in preparing the final draft.

Copies of the map referred to therein are being prepared and will be forwarded for attachment to the proposed contract later.

F. A. Rutledge, Acting Chief
Iron and Ferro-Alloys Division

FARutledge:foc
11-16-54
cc to: Docket
Code 400
Adm. Reading File

EXPLORATION PROJECT CONTRACT
SCHAFF, MEDNAR, JONES, AND REIMMILLER
DOCKET NO. DMSA 3393

ANNEX I

The land referred to in Article 2 of the Contract consists of the unpatented Windup mining claim, located approximately three (3) miles west of Luning, Nevada, as recorded in Mining Locations, pages 20 and 21, Book 14, on file in the Auditors and Recorders Office, Hawthorne, Mineral County, Nevada.

EXPLORATION PROJECT CONTRACT
SCHAFF, MEDNAR, JONES, AND REIDMILLER
DOCKET NO. DMEA 3393

EXHIBIT "A"

Description of the Work

The objective of this project is the exploration for tungsten on the Windup unpatented lode mining claim.

The work consists of two stages and is substantially indicated on the attached map entitled: "Fig. 2, Geologic map of the Windup mining claim, Mineral County, Nevada."

All drifts and crosscuts shall be timbered as necessary and shall be not less than 4 feet by 7 feet in the clear.

Representative samples shall be taken of all mineralized ground encountered. Each sample shall be divided into at least two parts, one of which is to go to the Field Team and the other to the Operator.

Stage I

Extend the adit on the Windup claim by crosscutting and/or drifting 200 feet to intersect the downward extension of the mineralized limestone-tuff contact.

Stage II

The work under Stage II is to depend upon the results achieved under Stage I and is to be undertaken only if warranted in the opinion of the Government and written approval given.

Drift and/or crosscut an additional 110 feet to further explore the limestone-tuff contact.

ESTIMATED COSTS OF PROJECT

AGREED UNIT COSTS

Drift and/or crosscut 310 feet @ $24.00/ft.	$7,440.00
TOTAL AGREED UNIT COSTS	$7,440.00
GOVERNMENT PARTICIPATION @ 75%	$5,580.00

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 10 1954

XDXXXXXX-103K SW126-WAF SFF 56 I-BOM

SAN FRANCISCO CALIF 11-9-54 347P

GEORGE C. SELFRIDGE, CHAIRMAN

OPERATING COMMITTEE, DEFENSE MINERALS EXPLORATION ADMINISTRATION,

INTERIOR BLDG WA

REURTEL NOVEMBER 9, DOCKET DMEA-3393, SCHAFF, BEDNER, JONES AND REINMILLER, ROSCOE SMITH AND I RECOMMEND PROJECT, AS SUGGESTED IN YOUR TELETYPE OCTOBER 14, 1954.

S. RICKER EXECUTIVE OFFICER EMEA FIELD TEAM, REGION III

9 DMEA-3393 14 1954

BH 402P

WSM

Nov 10 10 00 AM '54
BUREAU OF MINES
MAIL ROOM
WASHINGTON, D. C.

Interior Department

Defense Minerals Exploration Adm.

14X4401(01) Revolving Fund,

Defense Production Act, Interior
(Allocated Working Fund to the Office of the Secretary)

DOCKET
SURNAME

Rutledge
Martin
Hedges
Newcomb
Selfridge
Mitkeudorf

TELETYPE

NOV 9 - 1954

Spangler Richer, Executive Officer, DMEA Field Team, Region 3, San Francisco, California

Recurtt October 14, 1954, Docket DMEA 3393, Schaff, Rodner, Jones, and Reinmiller, Windup claims. Please teletype Field Team's conclusions.

George C. Selfridge
Chairman, Operating Committee (HB)

FARutledge:foc
11-8-54
cc to: Docket
Code 400
FT. Reg. 3 - Confirmation
Oper. Comm.
Adm. Reading File
R. W. Geehan, USBM
Thor H. Kiilsgaard, USGS

R.C.L.

DOCKET
Surname

Rutledge
Martin
Selfridge
Johnson
Wakeman

Interior Department
Defense Minerals Exploration
Administrator
14X4401(01) Revolving Fund,
Defense Production Act, Interior
(Allocated Working Fund to
the Office of the Secretary)

OCT 14 1954

TELETYPE

To: H. C. Miller, Executive Officer, DMEA Field Team, Region 3, San Francisco, California

Reference is made to Docket DMEA 3393, Schaff, Bednar, Jones, and Reinmiller, Windup claims. We believe limited amount of exploration may be warranted. Would Field Team concur with an exploration program consisting of 310 feet of drifting and/or crosscutting at unit price of $24 a foot as suggested by applicant.

George C. Selfridge
Chairman, Operating Committee (JHB)

cc; DOCKET
CODE 400
FIELD TEAM, REG. 3 - Confirmation
OPER. COMM.
ADMIN. READ. FILE
R. W. GEEHAN, USBM
THOR KIILSGAARD, USGS

FERutledge/ls
10-14-54

Pencil note on DMEA 3393

I think we need a special turn-down letter on this.

There seems to be no question as to some minable tungsten reserves---it is the quantity that leads to rejection.

It might be worth the exploration proposed.

/s/ R.W.G.

[redacted]

I think we need a special turn-down letter on this.

There seems to be no question as to some minable tungsten reserves - it is the quantity that leads to rejection.

It might be worth the exploration proposed.

RWG

[redacted]

IN REPLY REFER TO:

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

October 12, 1954

Memorandum

WSM

To: Mr. W. S. Martin, Chief, Iron and Ferro Alloys Division, Defense Minerals Exploration Administration

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

Subject: DMEA Docket 3393, Tungsten, Windup property, Mineral County, Nevada

I have examined the Field Team report on the subject property, noting that denial of the application has been recommended.

I cannot concur with the recommendation for denial and suggest instead that either a contract be approved to do the proposed work, or that the field be asked to present further evidence which could be used to deny the application. On the basis of evidence already presented, DMEA would have little justification to deny this application.

The applicant proposes to explore the deposit by extending an existing adit 180 feet to crosscut the vein, then to drift northeast on the vein 90 feet, and from a point in the drift to raise 85 feet to connect with the west shaft. This project, costing an estimated $10,377.00 would explore that block of ground lying between the two shafts and extending from the outcrop to the adit level.

The Field Team report notes that scheelite is scattered along the limestone-tuff contact for 370 feet, but only between the two inclined shafts is ore continuous and of minable grade. The report also notes the vein has a minable width of 18 inches between the two shafts, and that 4 samples taken in this area averaged .89% WO_3. It is pointed out, however, that a more representative sample of the ore is the head sample of 0.45% WO_3 of 374 tons taken from the shafts and treated at the Sodaville mill.

As presented, the facts indicate that this vein warrants further exploration. The scattering of scheelite along 370 feet of outcrop is indicative of considerable mineralization, certainly more than is found at the outcrop of many tungsten producing mines. Further, it would be most unusual to locate a shaft on either end of the only minable ore body as this report would imply; the stope

shown on the map on the east side of the east shaft, coupled with the remark in the report that considerable ore was mined from this east stope, suggests that the ore body is more extensive. While a bulk sample of 0.45% WO_3 is not high grade, this represents unsorted ? dump tonnage that was unquestionably diluted by overbreakage in the shaft. Quite probably, tonnage from mining operations would be somewhat above this grade, and could be closer to the average of 0.89% WO_3, as suggested by the samples. Finally, the report mentions an indicated and inferred tonnage aggregating 1200 tons, which, at 100 percent recovery and at $63.00 per unit, would have a gross value of $68,000. Such recovery is impossible; however, similar ore from the White Horse property, DMEA Docket 3362, milled at Gardnerville, Nevada, assayed 0.32 percent WO_3 and mill recovery of WO_3 from this ore is quoted at 90 percent. If comparable recovery could be made from Windup ore, the gross value of the ore would still be appreciable and certainly enough to justify further exploration. In most DMEA tungsten contracts there are no reserves at all on the property to be explored when the project is started.] wide generalization with many conspicuous exceptions WSM

If further correspondence is had with the Field Team on this application, it is suggested that they contact the applicant and inquire about a more extended project. Such work might be done on a stage basis. On the basis of the evidence in hand the vein would appear to warrant more than the proposed 90 feet of drifting. Such drifting might be done by turning the proposed crosscut more to the north, to reach the vein at less distance, and then by drifting beyond the present proposed eastern limit.

Thor H. Kiilsgaard

Thor H. Kiilsgaard

IN REPLY REFER TO:

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

October 12, 1954

Memorandum

To: Mr. W. S. Martin, Chief, Iron and Ferro Alloys Division, Defense Minerals Exploration Administration

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

Subject: DMEA Docket 3393, Tungsten, Windup property, Mineral County, Nevada

I have examined the Field Team report on the subject property, noting that denial of the application has been recommended.

I cannot concur with the recommendation for denial and suggest instead that either a contract be approved to do the proposed work, or that the field be asked to present further evidence which could be used to deny the application. On the basis of evidence already presented, DMEA would have little justification to deny this application.

The applicant proposes to explore the deposit by extending an existing adit 180 feet to crosscut the vein, then to drift northeast on the vein 90 feet, and from a point in the drift to raise 85 feet to connect with the west shaft. This project, costing an estimated $10,377.00 would explore that block of ground lying between the two shafts and extending from the outcrop to the adit level.

The Field Team report notes that scheelite is scattered along the limestone-tuff contact for 370 feet, but only between the two inclined shafts is ore continuous and of minable grade. The report also notes the vein has a minable width of 18 inches between the two shafts, and that 4 samples taken in this area averaged .85% WO_3. It is pointed out, however, that a more representative sample of the ore is the head sample of 0.45% WO_3 of 374 tons taken from the shafts and treated at the Sodaville mill.

As presented, the facts indicate that this vein warrants further exploration. The scattering of scheelite along 370 feet of outcrop is indicative of considerable mineralization, certainly more than is found at the outcrop of many tungsten producing mines. Further, it would be most unusual to locate a shaft on either end of the only minable ore body as this report would imply; the stope

shown on the map on the east side of the east shaft, coupled with the remark in the report that considerable ore was mined from this east stope, suggests that the ore body is more extensive. While a bulk sample of 0.45% WO_3 is not high grade, this represents unsorted dump tonnage that was unquestionably diluted by overbreakage in the shaft. Quite probably, tonnage from mining operations would be somewhat above this grade, and could be closer to the average of 0.89% WO_3, as suggested by the samples. Finally, the report mentions an indicated and inferred tonnage aggregating 1200 tons, which, at 100 percent recovery and at $63.00 per unit, would have a gross value of $68,000. Such recovery is impossible; however, similar ore from the White Horse property, DMEA Docket 3362, milled at Gardnerville, Nevada, assayed 0.32 percent WO_3 and mill recovery of WO_3 from this ore is quoted at 90 percent. If comparable recovery could be made from Windup ore, the gross value of the ore would still be appreciable and certainly enough to justify further exploration. In most DMEA tungsten contracts there are no reserves at all on the property to be explored when the project is started.

If further correspondence is had with the Field Team on this application, it is suggested that they contact the applicant and inquire about a more extended project. Such work might be done on a stage basis. On the basis of the evidence in hand the vein would appear to warrant more than the proposed 90 feet of drifting. Such drifting might be done by turning the proposed crosscut more to the north, to reach the vein at less distance, and then by drifting beyond the present proposed eastern limit.

Thor H. Kiilsgaard

THKiilsgaard:hlm
G-10/12/54

Copy to: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
R. W. Geehan, 3513

IN REPLY REFER TO:

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

October 12, 1954

Memorandum

To: Mr. W. H. Martin, Chief, Iron and Ferro Alloys Division, Defense Minerals Exploration Administration

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

Subject: DMEA Docket 3393, Tungsten, Windup property, Mineral County, Nevada

I have examined the Field Team report on the subject property, noting that denial of the application has been recommended.

I cannot concur with the recommendation for denial and suggest instead that either a contract be approved to do the proposed work, or that the field be asked to present further evidence which could be used to deny the application. On the basis of evidence already presented, DMEA would have little justification to deny this application.

The applicant proposes to explore the deposit by extending an existing adit 180 feet to crosscut the vein, then to drift northeast on the vein 90 feet, and from a point in the drift to raise 85 feet to connect with the west shaft. This project, costing an estimated $10,377.00 would explore that block of ground lying between the two shafts and extending from the outcrop to the adit level.

The Field Team report notes that scheelite is scattered along the limestone-tuff contact for 370 feet, but only between the two inclined shafts is ore continuous and of minable grade. The report also notes the vein has a minable width of 18 inches between the two shafts, and that 4 samples taken in this area averaged .85% WO_3. It is pointed out, however, that a more representative sample of the ore is the bulk sample of 0.45% WO_3 of 374 tons taken from the shafts and treated at the Sodaville mill.

As presented, the facts indicate that this vein warrants further exploration. The scattering of scheelite along 370 feet of outcrop is indicative of considerable mineralization, certainly more than is found at the outcrop of many tungsten producing mines. Further, it would be most unusual to locate a shaft on either end of the only minable ore body as this report would imply; the stope

shown on the map on the east side of the east shaft, coupled with the remark in the report that considerable ore was mined from this east stope, suggests that the ore body is more extensive. While a bulk sample of 0.49% WO_3 is not high grade, this represents unsorted dump tonnage that was unquestionably diluted by overbreakage in the shaft. Quite probably, tonnage from mining operations would be somewhat above this grade, and could be closer to the average of 0.89% WO_3, as suggested by the samples. Finally, the report mentions an indicated and inferred tonnage aggregating 1550 tons, which, at 100 percent recovery and at $63.00 per unit, would have a gross value of $68,000. Such recovery is impossible; however, similar ore from the White Horse property, DMEA Docket 3362, milled at Gardnerville, Nevada, assayed 0.32 percent WO_3 and mill recovery of WO_3 from this ore is quoted at 90 percent. If comparable recovery could be made from Windup ore, the gross value of the ore would still be appreciable and certainly enough to justify further exploration. In most DMEA tungsten contracts there are no reserves at all on the property to be explored when the project is started.

If further correspondence is had with the Field Team on this application, it is suggested that they contact the applicant and inquire about a more extended project. Such work might be done on a stage basis. On the basis of the evidence in hand the vein would appear to warrant more than the proposed 90 feet of drifting. Such drifting might be done by turning the proposed crosscut more to the north, to reach the vein at less distance, and then by drifting beyond the present proposed eastern limit.

Thor H. Kiilsgaard

THKiilsgaard:hlm
G-10/12/54

Copy to: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
R. W. Geehan, 3513

DOCKET
SURNAME

Rutledge
Martin

October 6, 1954

MEMORANDUM

To: Administrator, DMEA

From: Chief, Iron and Ferro-Alloys Division

Subject: Denial of exploration assistance in the amount of $10,377.00
Docket No. DMEA 3393 - Tungsten
Schaff, Bednar, Jones, and Reinmiller
Windup claim
Mineral County, Nevada

The denial of the subject application by this Division is based on the following information:

1. The Applicants proposed an exploration program consisting of extending a low level adit to the mineralized contact followed by drifting along the mineralized contact for approximately 90 feet and raising to connect with the bottom of the west shaft.

2. Tungsten mineralization on the Windup claim appears to be localized in limestone along a limestone-tuff contact that has been shattered by minor subsidiary movement related to thrust faulting. The scheelite mineralization is scattered along the contact for 370 feet, but is continuous only between the two inclined shafts, 70 feet apart. Here also the mineralized zone approaches minable width, ranging from 12 to 36 inches in width and averaging 18 inches. Dip of the mineralized contact in this area is from 20° to 30° but it is inferred that the deposit will steepen to about 50°.

3. Two samples were taken by the examining field team from each of the two inclined shafts. An arithmetical average of the four samples is 0.895 percent WO_3. However the mineralization is spotty, and the head sample containing 0.45 percent WO_3 representing 374 tons of ore (from the two inclined shafts and the small stope from the East shaft) that was shipped to the Sodaville mill during 1953 is considered more reliable.

R.C.G.

4. The examining field team's estimate of ore reserves follows:

Indicated	500 tons @ 0.895 percent WO_3
Inferred	700 tons @ 0.895 percent WO_3
Total	1,200 tons @ 0.895 percent WO_3 or 1,074 units

5. Using these ore reserves, the Field Team calculated the gross value of the deposit to be $68,000.00, an estimate that can only be based on 100 percent recovery and $63.00 per unit.

6. The Field Team concluded that with the total reserves in the subject deposit having a gross value of $68,000.00, offhand an exploration program costing $10,377.00 should be approved. However, due to the limited extent of mineralization along the strike and the narrow width of the deposit, which will cause considerable dilution in mining, the Field Team concurred with the examining field team in their recommendations for denial.

7. The Commodity Divisions of the Bureau of Mines and Geological Survey do not concur in the denial.

W. S. Martin, Chief
Iron and Ferro-Alloys Division

FARUTIEDGE:foc
10-6-54
cc to: Docket
Code 400
Adm. Reading File
Operating Committee

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

October 6, 1954

MEMORANDUM

To: Administrator, DMEA

From: Chief, Iron and Ferro-Alloys Division

Subject: Denial of exploration assistance in the amount of $10,377.00
Docket No. DMEA 3393 - Tungsten
Schaff, Bednar, Jones, and Reinmiller
Windup claim
Mineral County, Nevada

The denial of the subject application by this Division is based on the following information:

1. The Applicants proposed an exploration program consisting of extending a low level adit to the mineralized contact followed by drifting along the mineralized contact for approximately 90 feet and raising to connect with the bottom of the west shaft.

2. Tungsten mineralization on the Windup claim appears to be localized in limestone along a limestone-tuff contact that has been shattered by minor subsidiary movement related to thrust faulting. The scheelite mineralization is scattered along the contact for 370 feet, but is continuous only between the two inclined shafts, 70 feet apart. Here also the mineralized zone approaches minable width, ranging from 12 to 36 inches in width and averaging 18 inches. Dip of the mineralized contact in this area is from 20° to 30° but it is inferred that the deposit will steepen to about 50°.

3. Two samples were taken by the examining field team from each of the two inclined shafts. An arithmetical average of the four samples is 0.895 percent WO_3. However the mineralization is spotty, and the head sample containing 0.45 percent WO_3 representing 374 tons of ore (from the two inclined shafts and the small stope from the East shaft) that was shipped to the Sodaville mill during 1953 is considered more reliable.

4. The examining field team's estimate of ore reserves follows:

Indicated	500 tons @ 0.895 percent WO_3
Inferred	700 tons @ 0.895 percent WO_3
Total	1,200 tons @ 0.895 percent WO_3 or 1,074 units

5. Using these ore reserves, the Field Team calculated the gross value of the deposit to be $68,000.00, an estimate that can only be based on 100 percent recovery and $63.00 per unit.

6. The Field Team concluded that with the total reserves in the subject deposit having a gross value of $68,000.00, offhand an exploration program costing $10,377.00 should be approved. However, due to the limited extent of mineralization along the strike and the narrow width of the deposit, which will cause considerable dilution in mining, the Field Team concurred with the examining field team in their recommendations for denial.

7. The Commodity Divisions of the Bureau of Mines and Geological Survey do not concur in the denial.

W S Martin

W. S. Martin, Chief
Iron and Ferro-Alloys Division

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

Docket

Defense Minerals Administration
RECEIVED
OCT 4 1954

420 Custom House
555 Battery Street
San Francisco 11, Calif.

October 1, 1954

Air Mail

W304

Memorandum

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

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket No. DMEA-3393 - Tungsten
Schaff, Bednar, Jones, and Reinmiller
Windup Claim
Mineral County, Nevada

Reference is to your letter dated July 14, 1954, requesting a field examination of the subject property.

Attached are four copies of an examination report entitled "DMEA-3393, Windup Mine, Mineral County, Nevada, (Tungsten)" by Russell R. Trengove, Mining Engineer, U. S. Bureau of Mines, and Fred Shawe, Geologist, U. S. Geological Survey, dated September 30, 1954.

where?

According to the report, the total reserves in the subject deposit have a gross value of $68,000.00. As the cost of the Applicant's proposed exploration is $10,377.00, it would seem offhand that the loan should be approved. The ore varies in width from 6 to 36 inches and will average 18 inches in width between the east and west shafts. This block of ground might possibly contain 500 tons of indicated ore of an average grade of 0.895 per cent WO_3. In addition there is probably another 700 tons of inferred ore to the adit level. However, due to the limited extent of mineralization along the strike and the narrow width, which will cause considerable dilution in mining the ore, the examining engineer and geologist have recommended that the loan be denied. Mr. Smith and I concur with their recommendation.

dis ?

Reviewed by
DMEA OPERATING COMMITTEE
10-8-54
(date)

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Roscoe Smith, USGS
A. C. Johnson, Reno

Defense Minerals Exploration
RECEIVED
OCT - 4 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
DOUGLAS McKAY, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DMEA-3393, Windup Mine

Mineral County, Nevada

(Tungsten)

Russell R. Trengove, Mining Engineer
U. S. Bureau of Mines

Fred Shawe, Geologist
U. S. Geological Survey

September 30, 1954

Reviewed by
DMEA OPERATING COMMITTEE
10-8-54
(date)

Defense Minerals Administration
RECEIVED
OCT - 4 1954

EXAMINATION REPORT

Docket No.: DMEA-3393 (Tungsten)

Name and address of applicant: F. W. Reinmiller
Box 100
Gabbs, Nev.

Name and location of property: Windup Mine, 3.5 miles west of Luning, Mineral County, Nev.

SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

An engineer of the Bureau of Mines and two geologists of the Geological Survey made a joint examination of the Windup tungsten mine in July 1954. The property is situated about 3.5 miles west of Luning, Nev. (fig. 1). The purpose of the examination was to determine if the geological conditions and the grade of mineralization were favorable to justify approval of an application for a Government loan. The total estimated cost of the applicant's proposed exploration is $10,377.00.

The application is dated June 11, 1954. The work proposed comprises the cleaning up of the present adit and driving the adit an additional 180 feet, crosscutting to find the vein, drifting 90 feet on the vein and raising 85 feet on the vein to connect into the bottom of the west shaft.

The Windup tungsten prospect is in interbedded limestone, tuff, and metavolcanic rock of the Dunlop formation, and is on the north limb of an overturned anticline. The limestone contains small pods of tactite. Scheelite is localized in limestone along a limestone-tuff contact that is shattered by minor subsidiary movement related to thrust faulting.

Ore ranges in width from 6 to 36 inches. Between the east and west shafts, where a minable width of ore is present, the ore is from 12 to 36 inches wide, averaging 18 inches wide. This block of ground contains 500 tons of indicated ore of an average 0.895% WO_3 content. In addition, there is 700 tons of inferred ore of the same grade above the level of the proposed adit.

Because of the small amount of indicated ore, the limited extent of mineralization along the strike, and the narrow width of mineralization which will cause considerable dilution when being mined, it is recommended that the loan be denied.

INTRODUCTION

An application for a Government loan under sec. 202 of the Defense Production Act of 1950 was made by F. W. Reinmiller of Gabbs, Nev., June 11, 1954. An engineer of the Bureau of Mines and two geologists of the Geological Survey examined the property in July 1954. They were accompanied by the applicant F. W. Reinmiller of Gabbs, Nev.

HISTORY, OWNERSHIP AND PRODUCTION

The applicant was unable to furnish any information on the history of the property which consists of only one claim. The owners were C. E. Robinson of Babbitt, Nevada and Mrs. Schuyler Schaff, 1412 Westfield Avenue, Reno, Nev. On Sept. 8, 1953, R. O. Jones, Joe Bedner and F. W. Reinmiller, partners, Gabbs, Nev., obtained a quit claim deed from C. E. Robinson of his one-half interest in the property.

There are no mining or exploration operations being conducted on the property at present but the old workings are accessible. The most

recent production was during the period August 21, 1952 to October 17, 1953 when a dump was shipped to the Sinkey tungsten mill at Sodaville. The applicant stated that 130 tons were shipped at that time. Assuming a 65% recovery in the mill and a net settlement rate of $36.00 after milling, the applicant figures that the dump apparently contained about 0.6% WO_3. The dump was loaded out with a skip loader and no attempt was made to sort the ore.

However, the Sodaville mill records show that the heads of 374 tons shipped by Robinson analyzed 0.45% WO_3.

LOCATION AND PHYSICAL FEATURES

The Windup tungsten deposit is in sec. 8, T. 7 N., R. 34 E. at an elevation of about 5500 feet. The property (fig. 1) can be reached by following a rough truck trail westward, from a point on the northwestern limits of the town of Luning, Nevada to the mine, 3.5 miles distant. The road is on an upgrade over wash material the entire distance. Small dump trucks would be required to haul the ore, the ore dumped at Luning and reloaded for transportation by larger trucks to concentrators near Gabbs, Nev. Luning is on a branch line of the Southern Pacific Railroad.

Climate in the area is semi-arid with hot summers and moderate winters. Precipitation is relatively light and occurs mostly as snow, with occasional showers during the fall and winter months. Sagebrush and varieties of desert grass constitute practically the only vegetation near the property. No water is available in the immediate vicinity. Water for mine use would have to be transported from Luning. No

transmitted power is available. There are no housing facilities or any buildings or equipment on the property. Miners would be available at Hawthorne, 29 miles distant.

MINE WORKINGS

The mine workings (fig. 2) consists of two inclined shafts in a very unsafe condition and one adit in good condition except for the need of cleanup operations. Both inclined shafts are on the vein structure. One is 70 feet deep on a 32° slope, the other is 60 feet deep on a 21° slope. The 170-feet of adit is in the footwall. In addition to the ore produced by the sinking operations, considerable ore was obtained by stoping on the east side of the East shaft. Four samples (fig. 2) taken by the Bureau engineer averaged 0.79% WO_3 and 1.8 feet in width. Because of the spotty nature of the mineralization, the results of the sampling should not be taken too seriously. The head sample of the 374 tons treated at the Sodaville mill, averaging 0.45% WO_3, is considered more reliable. The geological conditions are unfavorable for extensions of the deposits, and the staking of additional claims is thought to be unwise.

GEOLOGY

The Garfield hills, in the vicinity of the Windup tungsten prospect, are composed of a thick sequence of Triassic and Jurassic[1] sedimentary

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[1] Ferguson, H. G. and Muller, S. W., Structural Geology of the Hawthorne and Tonopah Quadrangles, Nevada: U.S.G.S., P.P. 216, 1949.

and volcanic rocks. The oldest rock exposed is the Mid-Triassic Excelsior formation, composed of greenstone. Overlying the Excelsior formation is the Upper-Triassic Luning formation consisting of a lower slate member, a middle limestone member, and an upper slate member. The youngest of the stratified rocks is the Jurassic Dunlop formation composed of interbedded and interfingered limestone, dolomite, sandstone, sandy tuff, and meta-volcanic rock. Intruding all of the older formations is late Jurassic granodiorite.

The Luning and Dunlop rocks are extensively folded into east trending anticlines and synclines. Several major thrust faults, some contemporaneous and some post-folding displace all of the stratified units, but do not displace the granodiorite. Normal faults, dating from the Tertiary to recent, displace all rocks and pre-existing structures. (Ferguson and Muller, pp. 17-25; plates 1 & 2; fig. 3).

The Windup tungsten prospect is in interbedded limestone, tuff, and metavolcanic rock of the Dunlop formation, and is on the north limb of an overturned anticline. The anticline is broken and a small thrust fault is developed (fig. 2). Minor movement, subsidiary to the thrust faulting, has taken place along the interbed faces between limestone and tuff beds.

The rocks of the immediate area show much evidence of the proximity of an underlying intrusive body, though only one small patch of aplite crops out on the property. The limestone has small pods of tactite in it. The tuff contains much secondary pyrite, which on the surface is oxidized to red hematite. Massive red hematite crops out in the gulch just north of the tungsten deposit.

ORE DEPOSITS AND ORE RESERVES

Scheelite, the only tungsten mineral seen, was deposited along a limestone-tuff contact that was shattered by minor subsidiary movement probably related to the thrust faulting. Mineralizing solutions emanating from an underlying granitic body filtered through this shattered rock, and deposited scheelite in the limestone (hanging wall) at the limestone-tuff contact. Apparently a sharp roll in the thrust caused increased fracturing of the limestone and consequent localization of scheelite between the east and west shafts. (Fig. 2). There is a sharp roll in the ore deposit exposed in both inclined shafts opposite to the roll in the thrust. This roll causes the ore to flatten to 20°-30° between the lower parts of the two shafts.

Scheelite is scattered along the limestone-tuff contact for 370 feet, but only between the two inclined shafts is the ore continuous and of minable width. Between these two shafts, the ore ranges from 12 to 36 inches in width and will average about 18 inches. An average of 4 samples cut across the exposed width of ore (fig. 2) gave an average WO_3 content of .895%.

Assuming an average width of ore of 18 inches, the block of ground between the two inclined shafts (70 feet along strike, 70 feet down dip in the west shaft, and 60 feet down dip in the east shaft) contains 6800 cubic feet or 500 tons of indicated ore. Assuming a like width and length of ore extending to the altitude of the adit level, (60 feet down an average dip of the contact, 50°) an additional 9400 cubic feet or 700 tons of the same grade of ore can be inferred.

No other ore deposits are inferred on the property.

SAMPLING

The analyses of the samples taken from the property are as follows:

Sample No.	% WO_3	% Mo
1	1.27	*0.01
2	0.43	*0.01
3	0.81	0.07
4	1.07	*0.01
Average	.895	

* Less than

PROPOSED EXPLORATION

The applicants have proposed extending the adit 180 feet, cross-cutting to find the downward extension of the limestone-tuff contact, drifting 90 feet on the vein, and raising 85 feet to the bottom of the west shaft. It is inferred that the ore deposit will steepen to about 50° below the east and west shafts, that the limestone-tuff contact probably will be encountered in less than 180 feet, and that no cross-cutting will be needed to find the vein.

500 tons @ 0.895 — 447.5
700 tons @ 0.895 — 626.5
1074.1 units
@ 63.00
$67,668.30

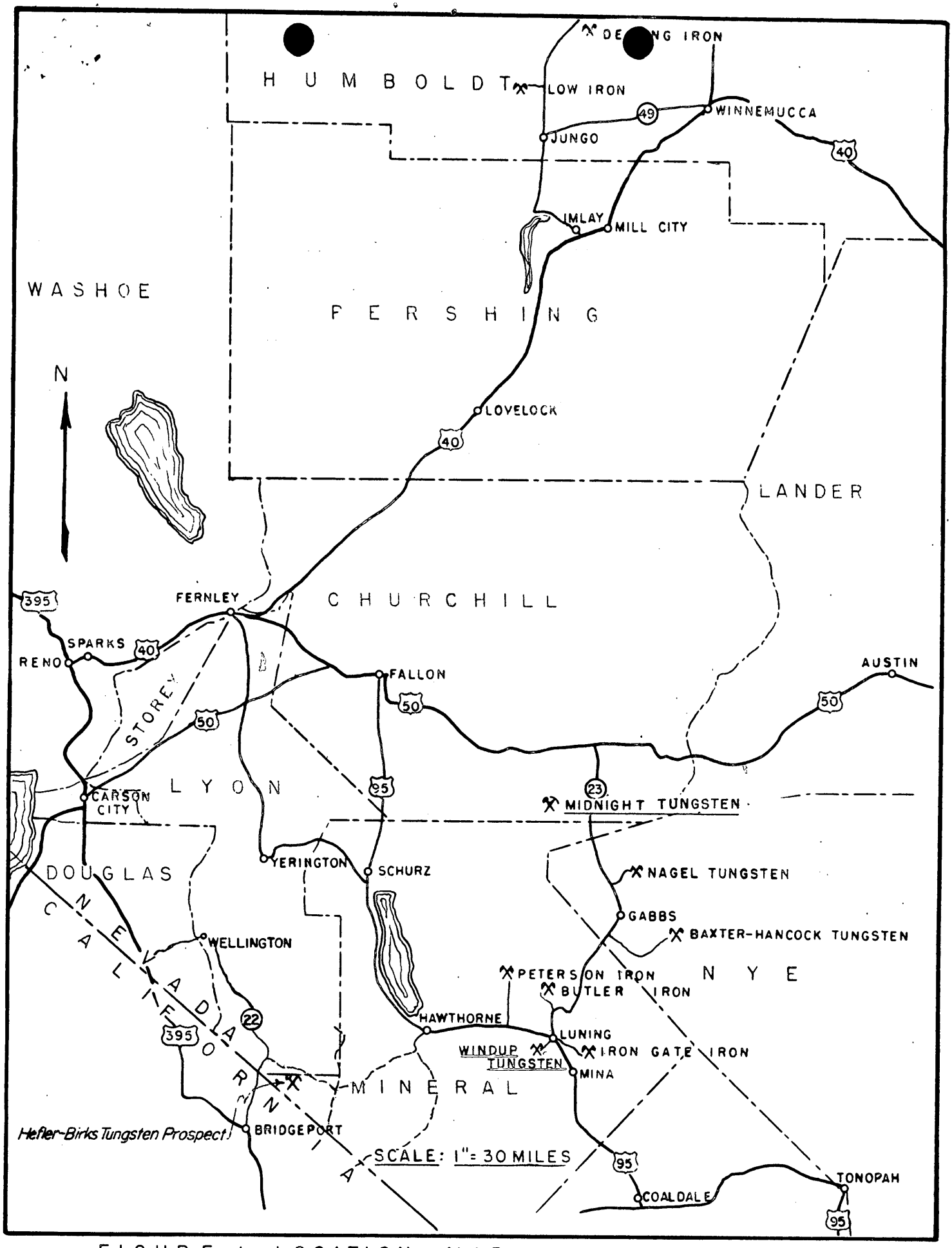

FIGURE 1. LOCATION MAP.

INTERIOR DEPARTMENT RECREATION ASSOCIATION

ART GROUP

The Art Group will resume classes September 21, after summer recess.

All who are interested in continuing painting, or those who wish to learn to paint, are cordially invited to enroll. A competent instructor will be available, for which the price will be 50¢ a lesson. Each person furnishes his own painting supplies. You must be a member of I.D.R.A. in order to participate.

Classes are held in the Official Dining Room, Room 1352, Interior Building, from 4:30 until 7:00 each Tuesday.

Come and enjoy a relaxing hobby!

If you are interested in joining the Art Group for the coming season, fill out the form below and send it to John M. Wilkinson, Room 6012, Interior Building.

- -

I am interested in the Art Group, and will be present at the first meeting on Tuesday, September 21.

Name _____ Bureau _____

Room No. _____ Tel. No. _____ I.D.R.A. Card No. _____

_____
Signature

DI-17

SPECIAL

Docket

AXXXXXXX-063K

XDXXXXXX-064K SW064-WAF SFF 13 I-BOM

SAN FRANCISCO CALIF 10-1-54 1130A

GEORGE C. SELFRIDGE, CHAIRMAN - OPERATING COMMITTEE

DEFENSE MINERALS EXPLORATION ADMINISTRATION INTERIOR BLDG WA

REURTT SEPTEMBER 29. FIELD TEAM REPORT ON DOCKET DMEA-3393, WINDUP CLAIM, MINE

AL COUNTY, NEVADA, BEING AIRMAILED TO YOU TODAY. DENIAL OF THE LOAN IS BEING RECOMMENDED.

H C MILLER EXECUTIVE OFFICER DMEA FIELD TEAM, REGION III

29 DMEA-3393

CT 1135A

Defense Minerals Administration
RECEIVED
OCT - 4 1954

WSG

OCT 4 9 51 AM '54
BUREAU OF MINES
MAIL ROOM
WASHINGTON, D. C.

Interior Department

XXXXXXXXXXXXXXXXXXXXXXXX

Defense Minerals Exploration Adm.
14X1401(01) Revolving Fund,
Defense Production Act,
Interior (Allocated Working Fund to the
Office of the Secretary)

DOCKET
SURNAME

Rutledge
Martin
Hillsgaard
Hedges
Selfridge
Johnson

TELETYPE

SEP 29 1954

TO: H. C. Miller, Executive Officer, DMEA Field Team, Region III, San Francisco, California

Please advise when we may expect Field Team report on Docket DMEA 3393, Schaff, Bednar, Jones, and Reimmiller, Windup claim, Mineral County, Nevada. Information needed to answer inquiry regarding status.

George C. Selfridge (by ESJ)
Chairman, Operating Committee

FARUTLEDGE:foc
9-29-54
cc to: Docket
Code 400
Adm. Reading File
Operating Comm.
FT. REG. III - CONFIRMATION
R. W. Geehan, USBM
Thor H. Hillsgaard, USGS

C
9-29

Box 100
GABBS, NEVADA
September 27, 1954

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 29 1954

DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D.C.

RE: DOCKET NO. DMEA 3393 - Tungsten WINDUP CLAIM,
Mineral county, Nevada.
Schaff, Bednar, Jones & Reinmiller

WSM

Gentlemen:

We would appreciate anything you can do to expedite action on the above application for exploration assistance. Receipt of subject application was acknowledged by you on June 21, 1954.

Would you advise us the approximate date when we could expect a decision on this application?

Very truly yours,
SCHAFF, BEDNAR, JONES & REINMILLER
by F.W. Reinmiller

SCHAFF, BEDNAR, JONES & REINMILLER
C/o F.W. REINMILLER
BOX 100
GABBS, NEVADA

500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 10-4

FERRED TO:

1. 400
2.
3.
4.

R:

..... Action	..... Recommendation
..... Approval	..... Record
..... Comment	of .....
..... Conference	..... Referring
..... Consideration	to .....
..... Filing	..... Reply for signa-
..... Instructions	ture of .....
..... Investigation	..... Rewriting
..... Initials	..... Signature
..... Mailing	..... Suggestions
..... Previous correspondence	..... Your information

MARKS: .....

heck (X) before the items needing attention.

ROBERT E. ADAMS

Initials of sender.

PO 16—63815-1

400

DOCKET
SURNAME
Rutledge
Martin
Geehan
Selfridge
Johnson

JUL 14 1954

Mr. H. C. Miller, Executive Officer
DMEA Field Team, Region III
420 Customhouse Building
555 Battery Street
San Francisco 11, California

Re: Docket No. DMEA 3393 - Tungsten
Schaff, Bednar, Jones, and
Reirmiller
Windup claim
Mineral County, Nevada

Dear Mr. Miller:

The subject application for exploration assistance is being referred to your office for a field examination of the property.

If the results of the Field Team examination indicate an exploration program is warranted, the possibility that the exploration program may benefit adjacent claims and that more land should be included should be investigated.

Two copies of a relevant memorandum dated July 7, 1954, by E. L. Newcomb, Geological Survey, are enclosed for your information.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GCB)

Enclosure

FARutledge:foc
7-13-54
cc to: Docket
Code 400
Adm. Reading File
Operating Comm.
FT. Reg. 3
R. W. Geehan, USBM
T. P. Thayer, USGS

APPROVED:

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

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

R.C.S.

400
BOCKET
SURNAME
Rutledge
Martin
Geehan
Farrabee
Selfridge
Hedges
Kjellman

JUL 14 1954

Schaff, Bednar, Jones, and Reinmiller
c/o Mr. F. W. Reinmiller
P. O. Box 100
Gabbs, Nevada

Re: Docket No. DMEA 3393 - Tungsten
Windup claim
Mineral County, Nevada

Gentlemen:

The above-docketed application for exploration assistance for tungsten has been reviewed by the Iron and Ferro-Alloys Division of the Defense Minerals Exploration Administration and referred to Mr. H. C. Miller, Executive Officer, DMEA Field Team, Region III, 420 Customhouse Building, 555 Battery Street, San Francisco 11, California, for a field examination of the property.

Any assistance that you can render the members of the Field Team will be appreciated.

Sincerely yours,

C. O. Mittenderf (for)

Administrator

FARUTLEDGE:foc
7-13-54
cc to: Docket
Code 400
Adm. Reading File
Operating Comm.
FT. Reg. 3
R. W. Geehan, USBM
T. P. Thayer, USGS

R.C.S.

IN REPLY REFER TO:

Dearfest

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

July 7, 1954

Memorandum

Re: DMEA-3393
Windup Mine
Mineral County, Nev.
$10,377
Tungsten

WSM

To: Mr. W. S. Martin, DMEA

From: E. L. Newcomb, USGS

Subject: Recommendation for field referral

The applicant proposes to drift and crosscut 310 feet and to drive an 85 foot raise in a mineralized vein which occurs along a rhyolite-limestone contact.

The old workings, two inclined shafts and an adit, are reported to be accessible.

There has been no recent production, though the applicant states that 130 tons of dump material were shipped in 1952 which may have averaged about 0.6 percent WO_3.

We do not have any available information on this property, but it is located in an area of known tungsten mineralization. A number of tungsten prospects and mines occur nearby.

I recommend this application be referred to the field team for an examination.

E. L. Newcomb
E. L. Newcomb
Geologist

Copy retained 40

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

June 21, 1954

Memorandum

To: Executive Officer, DMEA Field Team, Region III

From: Chief, Operation's Control and Statistics Division

Subject: Assignment of Docket Number

There is listed below the assigned docket number to an application recently received from Region III.

DMEA - 3393 Schaff, Bednar, Jones, & Reinmiller

Robert E. Adams,
Chief, Operation's Control
and Statistics Division

Schaff, Bednar, Jones & Reinmiller
% Mr. F. W. Reinmiller
P. O. Box 100
Gabbs, Nevada

June 21, 1954
Subject: DMEA-3393
Re: Exploration Assistance
Windup

Gentlemen:

The receipt of your application dated June 11, 1954 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-3393 and referred to the Iron and Ferro Alloys Division.

Kindly refer to in any future correspondence relating to your application.

Sincerely yours,

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

420 Custom House
555 Battery Street
San Francisco 11, California

June 16, 1954

Memorandum

To: Defense Minerals Exploration Administration, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Application for loan - Tungsten
Windup Mining Claim
Mrs. Schuyler Schaff, Joe Bednar, R. O. Jones and F. W. Reinmiller - Partners
Mineral County, Nevada

Attached are three of the four copies of an exploration loan application received in this office on June 16, 1954.

S. Ricker for
H. C. Miller
Executive Officer, DMEA Field Team
Region III

Attachment

Copy to: R. M. Smith (USGS)

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

420 Custom House
555 Battery Street
San Francisco 11, California

June 16, 1954

Memorandum

To: Defense Minerals Exploration Administration, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Application for loan - Tungsten
Windup Mining Claim
Mrs. Schuyler Schaff, Joe Bednar, R. O. Jones and F. W. Reinmiller - Partners
Mineral County, Nevada

Attached are three of the four copies of an exploration loan application received in this office on June 16, 1954.

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MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Form Approved.
Budget Bureau No. 42-R1035.2.

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. 3393
Metal or Mineral Tungsten
Date Received
Estimated Cost $10,377
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: SCHAFF, BEDNAR, JONES AND REINMILLER - A PARTNERSHIP

Mrs. Schuyler Schaff	Joe Bednar	R. O. Jones	F. W. Reinmiller
1412 Westfield Ave.	Gabbs	Gabbs	Box 100
Reno, Nevada	Nevada	Nevada	Gabbs, Nevada

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

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

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

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

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract WINDUP unpatented mining claim approx. 5 miles west of Luning, Nev. by road, as recorded in Mining Locations page 20 and 21, Book 14 on file in the Auditors and Recorders Office, Hawthorne, Mineral County, Nevada.

(*b*) State any mine name by which the property is known. WINDUP

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Owners

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property.

(*e*) If you own the land, describe any liens or encumbrances on it None

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. See above - 3 (a)

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades.

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you.

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points.

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power.

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore Scheelite

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc.

(*c*) The work will start within 10 days and be completed within 4 months from the date of an exploration project contract.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Explain in detail on acompanying paper.

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated June 11, 1954

SCHAFF, BEDNAR, JONES AND REINMILLER
(Applicant)

By J. H. Reinmiller
Mrs Schuyler Schaff

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

U. S. GOVERNMENT PRINTING OFFICE 16—66551-1

F. W. Reinmiller
Box 100 Gabbs, Nevada

4. PHYSICAL DESCRIPTION

(a) The mine is partially developed by old work consisting of two inclined shafts and one adit. Both inclined shafts are on the vein structure and are 70' deep on a 32* slope and 60' deep on a 21* slope respectively. The adit is in the footwall and has a length of 170'.

There are no mining or exploration operations being conducted on the property at present. All workings are completely accessible.

(b) There has been no recent production from the property. However, during the period August 21, 1952 to October 17, 1953, the dump was shipped to the Sinkey Tungsten Mill by the owners as of that date, Mrs. Schaff and Mr. C. E. Robinson of Babbitt, Nevada. The reported tonnage was 130 tons and the settlements for shipments are tabulated below:

LOAD	DATE	AMOUNT SETTLEMENT
1	8/21/52	$154.43
1	9/6/52	216.44
2	9/17/52	696.16
3	9/24/52	537.11
3	10/11/52	557.68
3	10/15/52	121.35
4	10/10/52	511.77
4	10/15/52	341.19
5	10/17/52	*221.19
Total		$2857.32

Assuming a 65% recovery in the mill and a net settlement rate of $36.00 after milling, the dump apparently contained about 0.6% WO_3. The dump was loaded out with a skip-loader and no attempt to sort was made.

Ore reserves are indeterminate without development work. Out of the bottom of the west shaft a sample was cut over a 26" width which analyzed 1.20% WO_3. Lamping with the mineralight shows scheelite present along the contact the entite length of both inclined shafts and in all the cuts shown on the accompanying map. Scheelite is nowhere present in the tunnel. ? Does North X-cut intersect contact?

(c) The vein is at a contact between rhyolite and a thin limestone member of the Luning formation. The vein strikes east-west and dips to the north from 21* to 32*. The contact can be traced over a distance of approximately 700 feet. Footwall is rhyolite and hangingwall is limestone somewhat broken and fractured due to overturning and folding. The vein is silicified and heavily stained with oxidized copper minerals.

We wish to explore this vein on the tunnel level, believing that there is a good possibility of developing ore of commercial importance.

COPY

4. PHYSICAL DESCRIPTION

(a) The mine is partially developed by old work consisting of two inclined shafts and one adit. Both inclined shafts are on the vein structure and are 70' deep on a 32° slope and 60' deep on a 21° slope respectively. The adit is in the footwall and has a length of 1700'.

There are no mining or exploration operations being conducted on the property at present. All workings are completely accessible.

(b) There has been no recent production from the property. However, during the period August 21, 1972 to October 17, 1938, the dump was shipped to the Sidney smelter mill by the owners as of that date, Mrs. Sonsof and Mr. G. E. Robinson of Reno, Nevada. The reported tonnage was 130 tons and the settlements for shipments are tabulated below:

LOAD	DATE	ACCURE SETTLEMENT
1	8\21\52	$154.43
1	9\5\52	215.44
2	9\17\52	606.16
3	9\24\52	537.11
3	10\11\52	457.58
3	10\15\52	121.35
4	10\10\52	311.77
4	10\15\52	341.10
5	10\17\52	221.13
Total		2655.32

Assuming a 65% recovery in the mill and a net settlement rate of $36.00 after milling, the dump apparently contained about 0.5% Cu. The dump was loaded out with a skip-loader and no attempt to sort was made.

The reserves are indeterminate without development work. Out of the bottom of the west shaft a sample was cut over a 20" width which analyzed 1.20% Cu. Sampling with the mineral at above schedule present along the contact the entire length of both inclined shafts and in all the cuts shown on the accompanying map. Schedule is rudbeck present in the tunnel.

(c) The vein is at a contact between rhyolite and a thin limestone member of the lunning formation. The vein strikes east-west and dips to the north from 21° to 32°. The contact can be traced over a distance of approximately 700 feet. Footwall is rhyolite and hangingwall is limestone somewhat broken and fractured due to overturning and folding. The vein is silicified and heavily stained with oxidized copper minerals.

We wish to explore this vein on the tunnel level, believing that there is a good possibility of developing ore of commercial importance.

F. W. Reinmiller
Box 100 Gabbs, Nevada

4 (d) There is a good desert road from Luning directly to the claim, a distance of 5 miles.

(e) Manpower in the form of skilled miners is available in the district. Water would have to be trucked from Luning.

5 (a) Scheelite

(b) Refering to the accompanying map, the following work is proposed:

A. Clean up the adit, timber as required and lay track from portal to point "A".
B. Drive the adit an additional distance of 180' to point"B". If the projection of the vein is not cut at this point it may be necessary to crosscut north or south or both a distance of 40" each way. Drift along/or near contact
C. After cutting the vein at point "B" or in either crosscut, drift on the vein approximately 90'.
D. From the adit level, raise on the vein approximately 85' to connect into the bottom of the west shaft.

(d) R. O. Jones, graduate mining engineer, Registered Professional Mining Engineer No. 311, State of Nevada, Member A.I.M.E. Mr. Jones has had 21 years experience as a mining engineer in responsible positions.
F. W. Reinmiller, graduate mining engineer, Member A. I. M. E. 20 years mining experience. not actively in 1953 during
Joe Bednar is a practical miner and leaser with 26 years experience as miner, contractor and leaser.
Messrs. Jones and Reinmiller would not actively participate in the exploration project except in an advisory capacity and to contribute their share of money. It is planned to give a contract to Mr. Bednar for the exploration work at the prices listed below under 6 (a) whereby he would furnish all labor, equipment and supplies except the materials listed below under 6 (c). The dead work listed below under 6 (e) would be done by him for the lump sum of $500.

6. Estimate of Costs.

(a) 310 ' of drift and crosscut @ $20./Ft. contract		$6200.00
85' of raise @ $25./Ft. contract		2125.00
(b) Engineering and geological consultants		400.00
(c) Operating materials and supplies other than those furnished by contractor		
Pipe, 600#	$175.00	
Rail 3200# @ 10¢	320.00	
Ties and timber	125.00	
Mine car	100.00	
Miscellaneous	100.00	
	$820.00	820.00
(d) None. Contractor will furnish		
(e) Clean out tunnel, timber as required and lay track from portal to face. Contract lump sum $500. for this work		500.00
(f) None required		
(g) Analytical work and accounting		332.00
(h) No contingency required		
		$10377.00

COPY

Rec 3-[illegible] / 35

Quitclaim Deed

THIS INDENTURE, Made the 8th day of September

in the year of our Lord nineteen hundred and Fifty-three

BETWEEN C. E. Robinson and Thelma L. Robinson, husband and wife of Babbitt, Mineral County, Nevada

, the parties of the first part,

AND R. O. Jones, Joe Bedner and F. W. Reinmiller, partners of Gabbs, Nye County, Nevada

, the parties of the second part.

WITNESSETH: That the said parties of the first part, for and in consideration of the sum of Ten ($10.00) and no/100 Dollars gold coin of the United States of America, to in hand paid by said parties of the second part, the receipt whereof is hereby acknowledged, have remised, released and forever quitclaimed, and by these present does remise, release and forever quitclaim, unto the said parties of the second part and to their heirs and assigns, all that certain lot, piece, or parcel of land, situate, lying and being in the County of Mineral, State of Nevada and bounded and particularily described as follows, to-wit: One-half (½) interest in the Wind-Up unpatended mining claim, located approximately three (3) miles West of Luning by road, for particular description see Mining Locations, page 20 and 21, Book 14 on file in the Auditors and Recorders Office Hawthorne, Mineral County, Nevada

TOGETHER with all and singular the tenements, hereditaments and appurtenances thereunto belonging or in anywise appertaining, and the reversion and reversions, remainder and remainders, rent, issues and profits thereof; and also all the estate, right, title, interest property possession, claim and demand whatsoever, as well in law as in equity, of the said party of the first part, of in or to the said premises, and every part and parcel thereof with the appurtenances.

TO HAVE AND TO HOLD, all and singular the said premises, together with the appurtenances unto the said parties of the second part, and to their heirs and assigns forever

IN WITNESS WHEREOF, the said parties of the first part hereunto set their hand and seal the day and year first above written.

Signed, sealed and Delivered in the presence of

C. E. Robinson (seal)

Thelma L. Robinson (seal)

(seal)

STATE OF NEVADA,
COUNTY OF MINERAL } ss.

On this 9th day of September A. D. one thousand nine hundred and fifty-three personally appeared before me, Florence L. Scott a Notary Public in and for the said County of Mineral

C. E. Robinson and Thelma L. Robinson

known to me to be the persons described in and who executed the foregoing instrument, who acknowledged to me that they executed the same freely and voluntarily and for the uses and purposes therein mentioned.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal at my office in the County of Mineral, the day and year in this certificate first above written.

Florence L. Scott

Notary Public in and for the County of Mineral State of Nevada.

My Commission Expires 2/12/ 19 57

Filed for Record at request of [illegible] Sept 9 1953 at 45 min. past 4 o'clock P. M.

Recorded in Book 20 of Page 213-214 Records of Mineral County Nevada

[illegible]
County Recorder

By _____ Deputy

51364

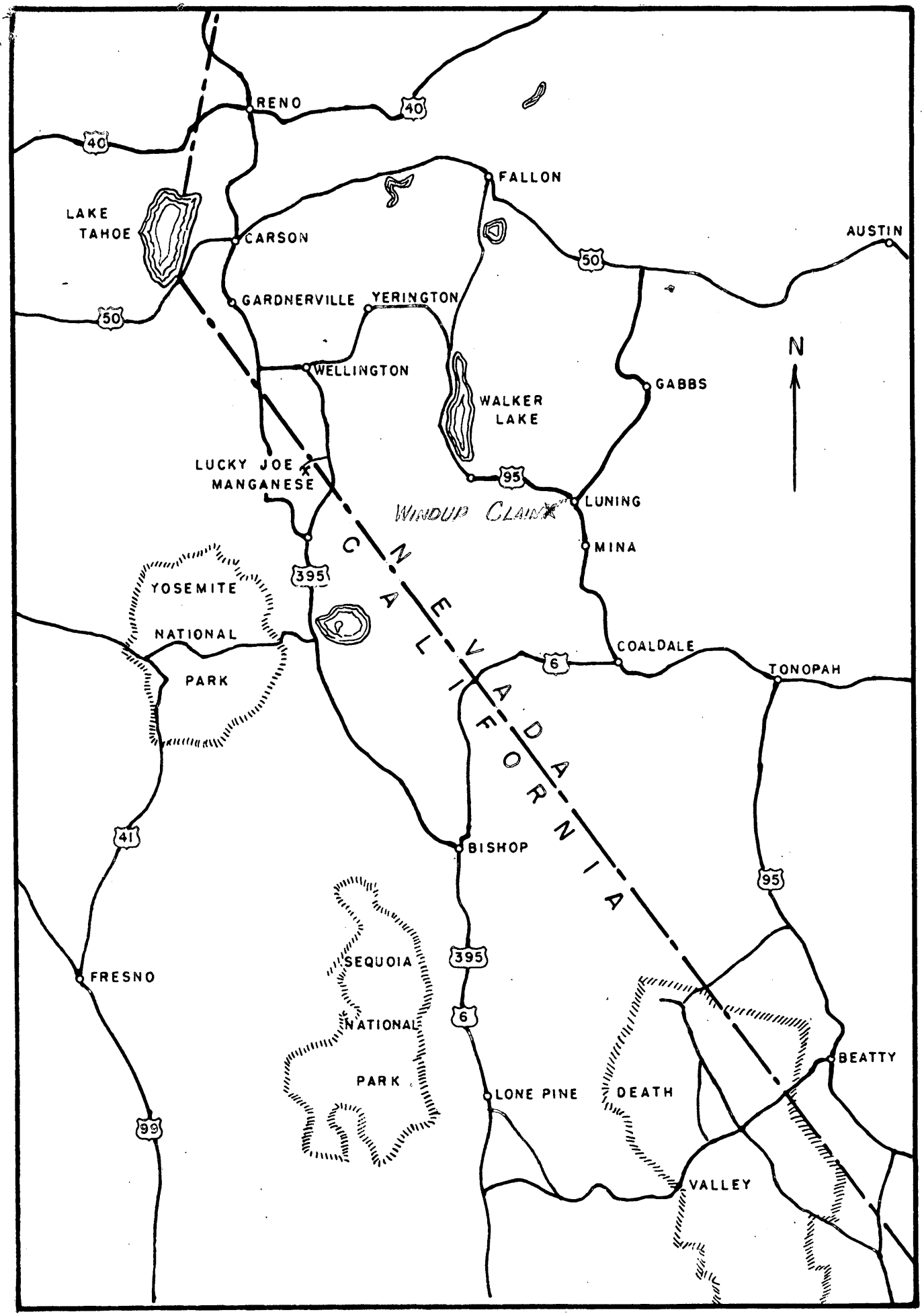


Figure 1. Location map.

MF-200A
(Revised June 1954)

Docket No. DMEA 3393

Commodity Tungsten

Contract No. Idm-E

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

It is agreed this ..... day of ....., 195...., between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and [2] Schaff, Bednar, Jones, and Reinmiller - A Partnership composed of Mrs. Schuyler Schaff, 1412 Westfield Ave., Reno, Nevada; Joe Bednar, Gabbs, Nevada; R. O. Jones, Gabbs, Nevada; and R. W. Reinmiller, Box 10, Gabbs, Nevada.,
whose mailing address is .....,
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 .....

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 Nevada, County of Mineral, and is described in Annex I.[3]

(b) The Operator represents and undertakes that:

(1) The Operator is the [4] owner of [5] the entire interest in the land, in possession and entitled to possession for all of the purposes of this contract, under and by virtue of a [6] location notice, [7] recorded in Book 14, page 20 - 21, 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."

(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 tungsten The work to be performed is described in Exhibit "A." The Operator on or before ..... shall commence the work, and on or before September 1, 1955 (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 $7,440.00 The Government will contribute 75 percent of the fixed unit costs as work is performed, in a total sum not in excess of $5,580.00: *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.

THE UNITED STATES OF AMERICA

.....
(Operator)

By .....

By .....

.....

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

.....

[CORPORATE SEAL]

U. S. GOVERNMENT PRINTING OFFICE 16—70618-1

EXPLORATION PROJECT CONTRACT
SCHAFF, BEDNAR, JONES, AND REINMILLER
DOCKET NO. DMEA 3393

ANNEX I

The land referred to in Article 2 of the Contract consists of the unpatented Windup mining claim, located approximately three (3) miles west of Luning, Nevada, and described as recorded in Book 14 of Mining Locations, at pages 20 and 21, Book 14, on file in the Auditors and Recorders Office, Hawthorne, Mineral County, Nevada.

EXPLORATION PROJECT CONTRACT
SCHAFF, BEDNAR, JONES, AND REINMILLER
DOCKET NO. DMEA 3393

EXHIBIT "A"

Description of the Work

~~The objective of this project is the exploration for tungsten on the Windup unpatented lode mining claim.~~

The work consists of two stages and is substantially indicated on the attached map entitled: "Fig. 2, Geologic map of the Windup mining claim, Mineral County, Nevada."

All drifts and crosscuts shall be timbered as necessary and shall be not less than 4 feet by 7 feet in the clear. of timber

Representative samples shall be taken of all mineralized ground encountered. Each sample shall be divided into at least two parts, ~~one~~ of which ~~is to go~~ shall be furnished to the Field Team ~~and the other to the Operator.~~ Government.

Stage I

not to exceed an aggregate of 310 feet of drifting and cross-cutting shall be performed under this contract.

Extend the adit on the Windup claim by crosscutting and/or drifting approximately 200 feet to intersect the downward extension of the mineralized limestone-tuff contact.

Stage II

~~The work under Stage II is to depend upon the results achieved under Stage I and is to be undertaken only if warranted~~ in the opinion of the Government based upon the results of Stage I, further work is warranted and the written approval of the Government is given above, Stage II shall be undertaken and written approval given.

Stage II consists of drifting and/or crosscutting ~~an additional~~ approximately 110 feet to further explore the limestone-tuff contact.

ESTIMATED COSTS OF PROJECT

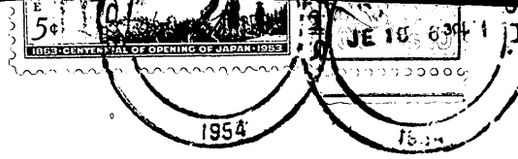
~~AGREED~~ Filed UNIT COSTS

Drift and/or crosscut 310 feet @ $24.00/ft.	$7,440.00
~~TOTAL AGREED UNIT COSTS~~	$7,440.00
GOVERNMENT PARTICIPATION @ 75%	$5,580.00

DEFENSE MINERALS
EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

OFFICIAL BUSINESS

U. S. GEOLOGICAL SURVEY
SOUTH 157 HOWARD ST.
SPOKANE 1, WASHINGTON

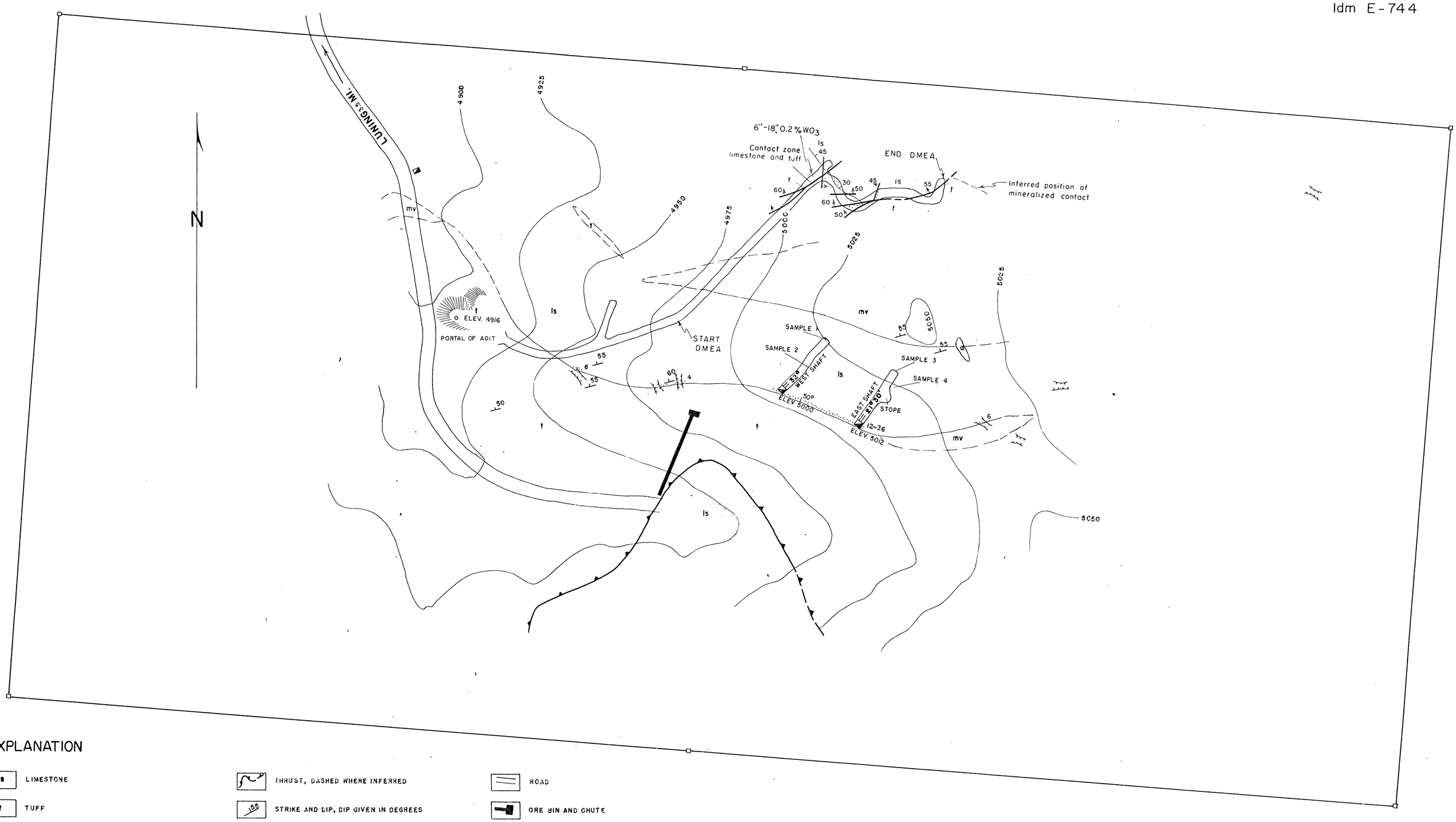


9-160 C
RETURN IF NOT DELIVERED
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PENALTY FOR PRIVATE USE TO AVOID
PAYMENT OF POSTAGE, $300
(GPO)

OFFICIAL BUSINESS

Mr. George C. Selfridge
Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.



EXPLANATION

- lS — LIMESTONE
- t — TUFF
- mv — METAVOLCANIC
- a — APLITE
- 12-30 — SCHEELITE ORE, WIDTH GIVEN IN INCHES
- CONTACT, DASHED WHERE INFERRED
- THRUST, DASHED WHERE INFERRED
- 55 — STRIKE AND DIP, DIP GIVEN IN DEGREES
- SHAFT
- 50 — INCLINED SHAFT, INCLINATION GIVEN IN DEGREES
- TRENCH
- ADIT
- ROAD
- ORE BIN AND CHUTE

FIG. 2

GEOLOGIC MAP OF THE WINDUP MINING CLAIM

MINERAL COUNTY, NEVADA

Scale — 1" = 50'

0 25 50 100

Contour interval 25'

Planimetric Base Furnished By Claim Owners

Topography By R. G. Reeves and F. R. Shawe

Geology By R. G. Reeves, F. R. Shawe,
Additions by R. M. Smith, 1955

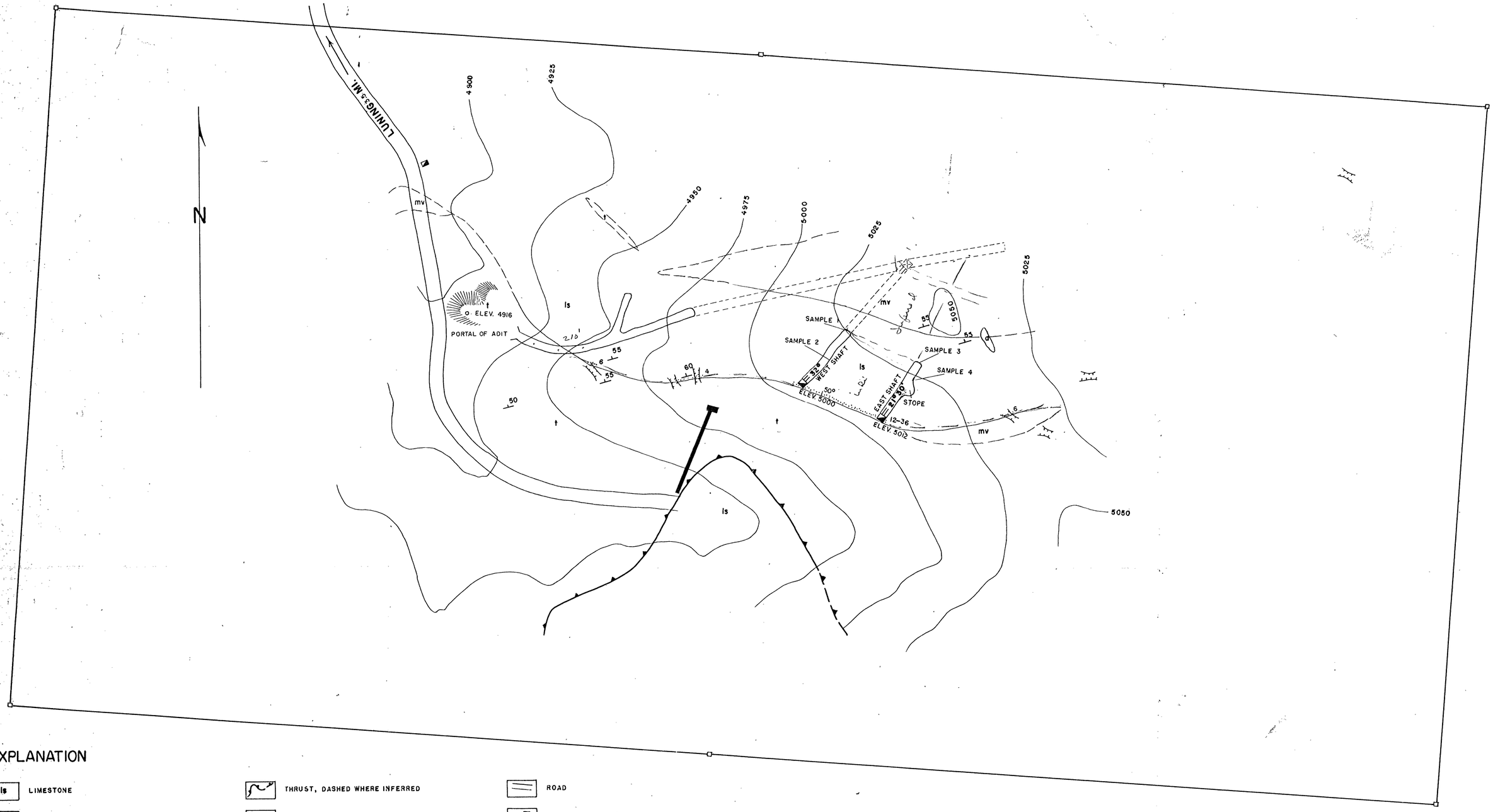
WINDUP MINING CLAIM

SECTION 8, T7N, R34E

Scale: 1" = 50'

June 1954

Drawn By: J.R.H.



EXPLANATION

- ls — LIMESTONE
- t — TUFF
- mv — METAVOLCANIC
- a — APLITE
- 12-30 — ORE, WIDTH GIVEN IN INCHES
- CONTACT, DASHED WHERE INFERRED
- THRUST, DASHED WHERE INFERRED
- 65 — STRIKE AND DIP, DIP GIVEN IN DEGREES
- SHAFT
- 35 — INCLINED SHAFT, INCLINATION GIVEN IN DEGREES
- TRENCH
- ADIT
- ROAD
- ORE BIN AND CHUTE
- PROPOSED EXPLORATION, DRIFT AND RAISE

FIG. 2

GEOLOGIC MAP OF THE WINDUP MINING CLAIM

MINERAL COUNTY, NEVADA

Scale — 1" = 50'

0 25 50 100

Contour interval 25'

Planimetric Base Furnished By Claim Owners

Topography By R. G. Reeves and F. R. Shawe

Geology By R. G. Reeves, F. R. Shawe,