DMEA Form 9
Rev. 6/57

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

Idm-E NO. 787

DMEA NO. 3609

Application
- [ ] Denied
- [ ] Withdrawn

Contract
- [ ] Terminated - Not Certified
- [ ] Terminated - Certified
- [ ] Cancelled
- [ ] Royalty Agreement

The records contained in this file are marked (x) and arranged in this order:

Folder No. 1:

Left Side

- [x] Royalty Audits
- [x] Certification of Discovery
- [x] Closing ~~Letter~~ memo
- [x] Cost Audits
- [ ] Termination Notice or Agreement
- [ ] Recision Notice
- [ ] Assignment of Contract
- [x] Contract Amendments
- [x] Contract with all exhibits and annexes
- [ ] Owner's Consent to Lien and Subordination Agreement
- [x] Application and attachments

Right Side

- [x] Project summary (final)
- [x] Work Completed analysis (final)
- All other material filed in chronological order including the following reports if checked:
- [x] Field Team Semi-Annual Report for Certified Project
- [x] Final Field Team Report (Tab) 1+2
- [ ] Operator's Final Report (Tab)
- [x] Interim Field Team Reports
- [x] Operator's monthly reports and all attachments
- [x] On-site Exam Report (Tab)
- [ ] Settlement Sheets
- [ ] Drill Logs

Additional Folders:

Left Side

Folders No. _____: Reports
- [ ] Analysis of Semi-Annual Inspection Reports
- [ ] Project Summary (Interim) by DMEA Engineers

Right Side

- [x] ~~Field Team~~ Semi-Annual Report for Certified Project
- [ ] Field Team Interim Reports
- [ ] Operator's Monthly Reports with transmittal, narrative and maps.

Folders No. _____: Maps (Use pocket folder or envelope)

Folders No. _____: Settlement Sheets

Folders No. _____: Drill Logs

Folders No. _____: Royalty material

17963

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
		120
6/23		110
		100
		320

JUN 2 3 1965

June 23, 1965

Memorandum

To: The File

From: Chief, Division of Exploration Operations

Subject: DMEA-3609 (Tungsten)
TNT, Inc.
Mountain Queen Claims
Humbolt County, Nevada
Contract Idm-E787

As the period in which royalty on production from the subject land has now ended, this docket is considered as being closed. The unpatented claims were allowed to lapse in 1959; and the Secretary of the State of Nevada revoked the Operator's charter in March 1959, for failure to file an annual return.

George C. Selfridge

GCSelfridge/mm
cc: Director's Reading File
CA&A Division
Region II
✓Docket
Mr. Selfridge
120M

23263

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed the files of the Washington office pertaining to Contract Idm-K787, Docket DMEA-3609 (tungsten), dated April 21, 1955, with

TNT Inc.
c/o Getchell Mine, Box 366
Golconda, Nevada

for the purpose of determining the amount of royalty payable to the U. S. Government on sales of minerals from property referred to as the TNT Mine and Mountain Queen Claims located in Humboldt County, Nevada, during the period January 1, 1959, through November 23, 1962.

A certification of discovery or development was issued on April 3, 1957, and, in accordance with Article 7 of the contract, royalty is payable on all minerals produced from the land described in Article 2 of the contract for a period of 10 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. A Report of Review dated October 9, 1956, indicated accepted costs under the exploration contract amounting to $13,737.50 with the Government's contribution on a 75 percent basis being $10,303.12.

The status of the project, the scope of review, and the reasons therefor are stated on page 2.

This review established no sales subject to the Government's royalty subsequent to the period covered by a prior Report of Royalty Review which also found no sales subject to the Government's royalty through December 31, 1958. The royalty account as of December 31, 1958, was:

Total Royalty Payable	$ -0-
Total Royalty Paid	-0-
Balance of Royalty Due	$ -0-

As of November 23, 1962, the royalty account of this project was found to be:

Total Royalty Payable	$ -0-
Total Royalty Paid	-0-
Balance of Royalty Due	$ -0-

December 3, 1962

E. D. Talbert

E. D. Talbert, OME Auditor

STATUS OF PROJECT, SCOPE OF REVIEW AND REASONS THEREFOR

This contract provides that the Operator, as principal if the producer or as surety if not the producer, shall pay to the Government a percentage royalty on all mineral production from the unpatented Mountain Queen claims Nos. 6, 7, 12, and 13 in the Potosi Mining District. At the time the contract was executed, the Operator was the owner of these four claims by right of location.

Exploration work under the contract was suspended during March 1956 and, due to financial difficulties, the Operator never resumed operations. Further exploration work was performed during the last part of 1956 and the first half of 1957 by the Ran-Rex Mining Company, Bountiful, Utah. All mining machinery was removed from the workings during 1957. The post-contract exploration work resulted in the stockpiling of 40 tons of ore.

In an August 2, 1962, reply to a BMR Form 63 inquiry a former officer of the Operator advised that his stock interests were sold in 1955 in negotiations conducted by Emerson H. Potter, Battle Mountain, Nevada. In a November 20, 1962, reply to a BMR Form 63 inquiry, Mr. Potter stated that neither production nor change in property status had occurred since January 1, 1958. However, in a November 23, 1962, reply to an inquiry, the Secretary of State, State of Nevada, reported that the Operator's charter had been revoked in March 1959 for failure to file an annual return and pay the filing fee and penalty thereon.

This review was made in lieu of an on-site audit of the Operator's accounts and records for the following reasons:

(1) The files contain no evidence of any production, other than the reported 40 ton stockpile, from the property under the contract; and

(2) The administrative cost to the Government of an on-site royalty audit at this time would be excessive in relation to the amount of possible royalty which might be disclosed.

MAY 27 1959
O.M.E.

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed the files and records of the OME Field Team, Region II, pertaining to Contract No. Idm-8787, Docket No. DMEA-3609 (Tungsten), dated April 21, 1955, including amendment No. 1, with

TNT Inc.,
c/o Getchell Mine
Box 366
Golconda, Nevada

for the purpose of determining the amount of royalties due the U.S. Government on sales of tungsten from property known as the TNT Mine or Mountain Queen Claims, located in Humboldt County, Nevada, during the period April 21, 1955 to December 31, 1958.

A certification of discovery or development was issued on April 3, 1957 and accordingly royalty is payable on all production from the land described in Article 2 and Annex I of the contract for a maximum period of 10 years from date of contract. A Report of Review dated October 9, 1956, indicated acceptable costs under the exploration contract amounted to $13,737.50 with the Government's contribution on a 75 percent basis, being $10,303.12.

No royalties have been paid to date in connection with this contract.

This review was made in lieu of an on-site audit of the Operator's accounts and records for the following reasons:

(a) According to the Field Team's Semi-Annual Report of Certified Projects for the period July 1, 1958 to December 31, 1958, there was no production during the period covered by this review, and mining machinery has been moved from the workings.

(b) The administrative cost to the Government of an on-site royalty audit at this time would be excessive in relation to the amount of possible royalty which might be disclosed.

May 21, 1959

George Mavor
George Mavor, OME Auditor

Form 7
(6)

RECEIVED
MAR 27 1957
ASSOC. SOLICITOR
MINERAL RESOURCES

OFFICIAL FILE COPY

Date	Surname	Code
3/25	Holt	400
3/25	Martin	400
3-27	Chandler	800
	Robin	140
"Appd Cal. Co.	Sawyer	140
4/3	Selfridge	230
"	Johnson	110
"	Mittendorf	100
4/4	C	228

225
Lamb
Kilsgaard

CERTIFICATION BY THE UNITED STATES OF AMERICA
OF A DISCOVERY OR DEVELOPMENT UNDER
AN EXPLORATION PROJECT CONTRACT

INTERIOR DEPT.
MAR 27 1957
SOLICITOR

TNT, Inc.
c/o Getchell Mine
Box 366
Golconda, Nevada

Pursuant to the provisions of Exploration Project Contract No. Idm-E787, executed April 21, 1955, (Docket No. DMEA 3609), as amended, hereinafter called the "Contract", between TNT, Incorporated, and the United States of America, hereinafter called the "Government"; to establish and fix the Government's percentage royalty on production and its lien therefor and on the land described in the contract, the Government considers and therefore certifies that a discovery or development from which production may be made has resulted from the exploration.

The nature of said discovery or development is described broadly or indicated as follows:

Diamond core drilling and subsequent drifting in an adit have indicated the presence of tungsten, which occurs as scheelite in lenses, pods and disseminations in tactite along and near a contact between granodiorite and limestone.

THE UNITED STATES OF AMERICA

Dated: APR 3 - 1957

By O O Mittendorf
Administrator, Defense Minerals
Exploration Administration

SPHolt:am 3-25-57
cc to: Docket
Code 400
Admr. Read. File
Oper. Comm.
FT REG II
Messrs. F. Lamb, Rm. 3608
R. Holliday, USBM
T. Kiilsgaard, USGS
F. E. Johnson - 110

cc to: Finance Office
Audit Division
Mr. C. Frödell, GSA

TNT, Inc.

8627

400.

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have examined the Monthly Reports of:

TNT Inc.
a Nevada corporation
P.O. Box 366, Gatehall Mine
Red House, Nevada

pertaining to Exploration Project Contract No. Idm-2787, Docket No. DMEA-3609, including Amendment No. 1, for the months of June 1955 to February 1956, inclusive, covering a project for the exploration of tungsten, on property, known as TNT Mine or Mountain Queen Claims, located in Humboldt County, Nevada.

WSay

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

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

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

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

Total cost as billed by contractor	$13,737.50
Exceptions	None
Total Accepted Cost	$13,737.50

The contract calls for a 75 percent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of Ten Thousand Three Hundred Three and 12/100 Dollars:

** $10,303.12 **

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

George Mavor
George Mavor
Auditor

October 9, 1956

Docket Copy

RECEIVED
OCT 27 1955

EXPLORATION PROJECT CONTRACT
TNT INC.
DOCKET NO. DMEA-3609

AMENDMENT NO. 1

It is agreed this 14th day of October, 1955, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, and TNT Inc., that Contract Idm-4787 (Docket No. DMEA-3609), dated April 21, 1955, is amended effective April 21, 1955, as follows:

1. In Article 3, the time for the completion of the work is extended from "October 1, 1955" to "June 21, 1956".

2. In Article 5, the figures "$4,700.00" and "$3,525.00" are changed to read "$23,002.50" and "$17,252.00," respectively.

3. (a) In Exhibit "A", prior to this Amendment No. 1, the drilling footage is changed from "600 feet" to "459 feet," and the number of chemical analyses is changed from "40" to "12." This work is designated "Stage I."

(b) A new "Stage II" is added reading as follows:

STAGE II

The work under Stage II consists of two phases, which may be performed concurrently: (1) diamond drilling, and (2) driving an adit level and crosscutting. The map entitled "Geologic Map of TNT, Inc. Mine" attached hereto and made a part hereof, shows the approximate positions, lengths, and courses of the work.

PHASE I

Bulldoze access roads to drill sites, and prepare drill sites for diamond drilling approximately at the hole locations indicated on the attached map. Not to exceed 30 hours of bulldozing shall be performed under Phase I.

The drilling specifications are set forth approximately below:

Diamond drill hole No. 3, shall be 250 feet in length, on a course N. 60° E. and a dip of minus 10 degrees.

Diamond drill hole No. 4, shall be drilled from the same drill site as hole No. 3, and shall be 270 feet in length, on a course N. 75° E. and a dip of minus 10 degrees.

Diamond drill hole No. 5, shall be drilled from the same drill site as holes No. 1 and No. 2 and shall be 160 feet in length, on a course N. 30° E. and horizontal.

Diamond drill hole No. 6, shall be 220 feet in length, on a course N. 22° E. and horizontal.

Each hole shall be not less than AX in size, and the total length of all holes shall not exceed 900 feet. The core from mineralized zones shall be split and assayed for WO_3, but not to exceed 24 assays shall be made under Phase I. The portions of core from mineralized zones that are not used for analyses shall be kept in core boxes and labeled for inspection by the Government. The holes shall be reamed and cased, or cemented and redrilled, as necessary.

PHASE II

Bulldoze an access road to the adit site and prepare an adit site. Not to exceed 10 hours of bulldozing shall be performed under Phase II.

An adit shall be driven approximately from the position indicated on the attached map, at an elevation of 6430 feet, approximately 350 feet in length, and on a course of due north. Two crosscuts shall be driven from the adit approximately at the points indicated on the attached map. The two crosscuts shall total approximately 50 feet. The adit and the two crosscuts shall not exceed an aggregate of 400 feet. The adit and the crosscuts shall be timbered as necessary and shall be not less than 4½ feet by 6½ feet in cross-section in the clear. Mineralized zones in the adit and crosscuts shall be sampled and assayed for WO_3, but not to exceed 18 assays shall be made under Phase II.

4. In Exhibit "A" prior to this Amendment No. 1, under Fixed Unit Costs, all totals are deleted, and a new "Stage II" and new project totals are added reading as follows:

STAGE II

PHASE I

Bulldozing access roads and diamond drill sites, 30 hours @ $16.00/hr.	$ 480.00	
Diamond drilling, 900 feet @ $6.50/ft.	5,850.00	
Reaming and casing, or cementing and redrilling, 200 feet @ $2.00/ft.	400.00	
24 samples assayed for WO_3 @ $5.00 per sample	120.00	
Estimated Total Cost of Phase I		$ 6,850.00

PHASE II

Bulldozing access road and adit site, 10 hours @ $16.00/hr.	160.00	
400 feet of adit and crosscutting @ $31.00/ft.	12,400.00	
18 samples assayed for WO_3 @ $5.00 per sample	90.00	
Estimated Total Cost of Phase II		12,650.00

SUMMARY

Estimated Total Cost of Stage II	19,500.00	
Government Participation in Stage II @ 75%		14,625.00
Estimated Total Cost of Stage I	3,502.50	
Government Participation in Stage I @ 75%		2,626.87
Estimated Total Cost of Project	23,002.50	
Government Participation @ 75% (rounded)		17,252.00

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By Frank E. Johnson
ACTING Administrator, Defense Minerals
Exploration Administration

Robin
Hoffland
Chapman
Martin
Talbut
Selfridge

TNT INC.

By William J. Kelly
President

Docket copy

THE INTERIOR
Administration
RECEIVED
MAY 13 1955

MF-200A
(Revised June 1954)

Docket No. DMEA -3509

Commodity Tungsten

Contract No. Idm-E - 787

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

It is agreed this 21st day of April, 1955, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and [2] TNT Inc., a Nevada corporation,

whose mailing address is P. O. Box 366, Getchell Mine
Red House, 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 Humboldt, 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 notices, [7] recorded in Book see Annex I, page , 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 June 15, 1955 shall commence the work, and on or before October 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 $4,700.00 The Government will contribute 75 percent of the fixed unit costs as work is performed, in a total sum not in excess of $3,525.00: *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 Frank E. Johnson
ACTING Administrator, Defense Minerals Exploration Administration

Rubin
"Appd. Sol. Off."
Rutledge
Holladay
Chandler
Selfridge

TNT INC.
(Operator)

By Fred J. Bartels
Gen. Mgr. & Supt.

I, James A. Callahan, certify that I am the Assistant Secretary - Treasurer ~~secretary~~ of the corporation named as Operator herein; that Fred J. Bartels who signed this contract on behalf of the Operator, was then Gen. Mgr. & Supt. 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.

James A. Callahan
Assistant Secretary - Treasurer

[CORPORATE SEAL]

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

Minerals Administration
RECEIVED
1953

EXPLORATION PROJECT CONTRACT
TMT INC.
DOCKET NO DMRA-3609

ANNEX I

The land referred to in Article 2 of the contract consists of four (4) unpatented mining claims located approximately 1.2 miles west of the Getchell Mill, Red House, Nevada, and recorded in the office of the Humboldt County Recorder, Humboldt County, Nevada, at Winnemucca, Nevada, as follows:

Name of claim	Book No.	Page No.
Mountain Queen No. 6	6	584
Mountain Queen No. 7	6	584
Mountain Queen No. 12	6	587
Mountain Queen No. 13	6	587

Location of the above-referenced claims is indicated on a map designated "Plate I," attached hereto and made a part hereof.

DEPARTMENT OF THE INTERIOR
Bureau of Mines Minerals Administration
RECEIVED
MAY 1 8 1973

EXPLORATION PROJECT CONTRACT
TNT INC.
DOCKET NO. DMEA-3609

EXHIBIT "A"

Description of the Work

The exploration work is indicated tentatively on the map attached hereto and made a part hereof entitled "Figure 2 - Geologic Map of the TNT mine, Humboldt County, Nevada."

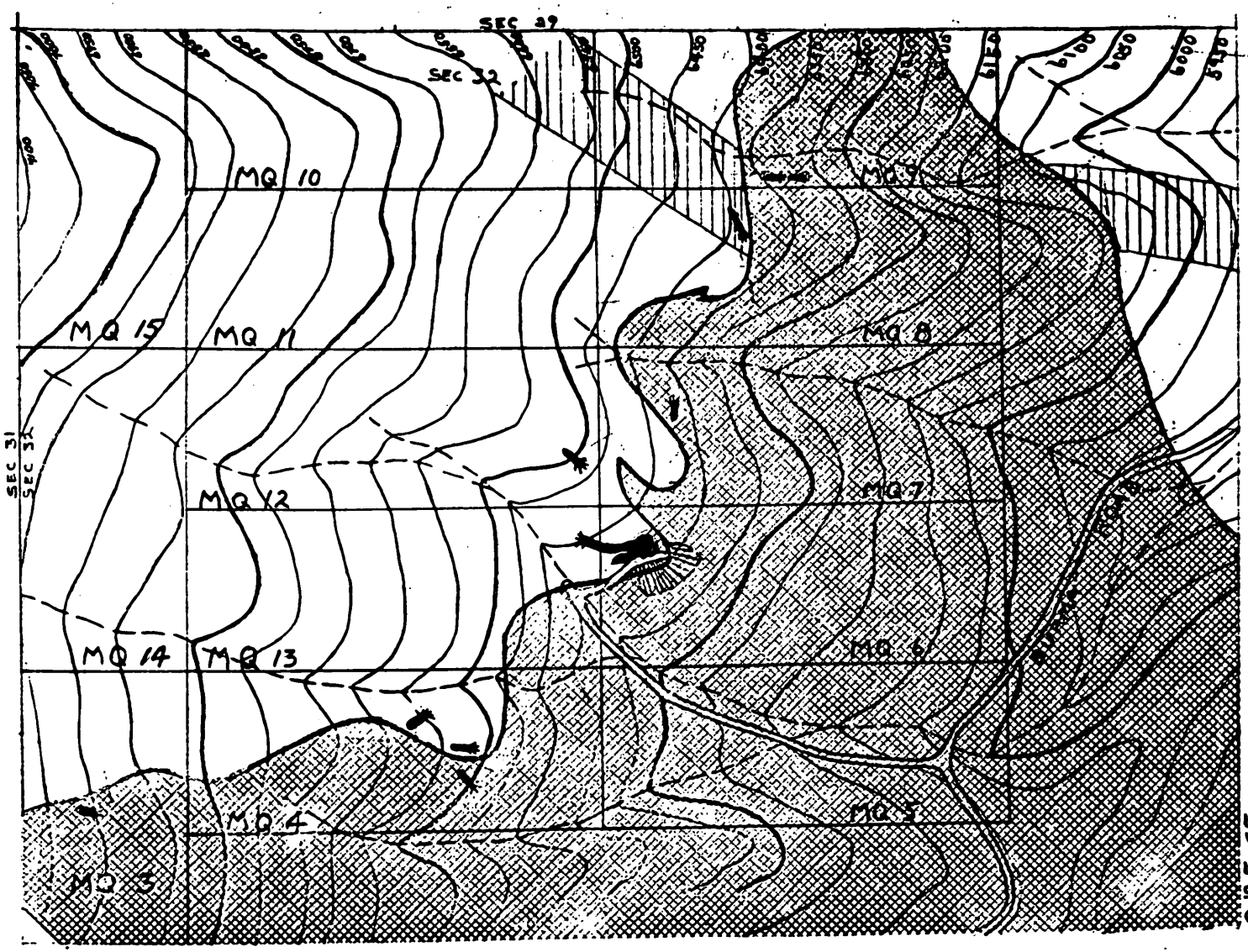
Two holes shall be diamond drilled, not less than AX in size, and not exceeding a maximum of 600 feet. The location, direction, inclination, and approximate depth of each hole shall be subject to the prior written approval of the Government.

All drill cores shall be stored in appropriate core boxes and properly marked for examination and logging by the Government.

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.

Fixed Unit Costs

Drill 600 feet @ $7.50/ft.	$4,500.00	
Analyze 40 samples for WO_3 @ $5.00/sample	200.00	
Estimated Total Cost of Project		$4,700.00
Government Participation @ 75%		$3,525.00



EXPLANATION

TACTITE

GRANODIORITE

LIMESTONE

HORNFELS AND ARGILLITE

OPEN PITS AND CUTS

ROAD TO GETCHELL MILL

MQ
MOUNTAIN QUEEN CLAIMS
OWNED BY TNT INC

TNT INC
R 42E T39N SEC 32
Scale 1" = 600'

SOURCES
University of Nevada Bulletin
Vol. 40 No. 5 Plate 1
U.S. Dept. of Interior Geological
Survey - Osgood Mountains
Quadrangle

PLATE I

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

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. 3609
Metal or Mineral TUNGSTEN
Date Received
Estimated Cost $29,250
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: TNT Inc. P.O. Box 366, Getchell Mill, Red House, Nevada

Corporation- organized under the laws of 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. page 1 attached

(*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

See page 1 attached

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

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

Owner

(*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. Not applicable

(*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 page 1 attached

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 Tungsten

(*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 60 days and be completed within 8 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)? Yes.

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

☒ 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 December 14, 1954

TNT Inc.
(Applicant)

By Fred J. Bartels

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

TNT Inc.
P.O. Box 366 Getchell Mine
Red House, Nevada

FORM MF - 103

1. Name of applicant:

(c) President - Robert L. Taylor, Battle Mountain, Nevada
General Manager and Vice-President - Fred J. Bartels
P.O. Box 366, Getchell Mill, Red House, Nevada
Secretary - Treasurer - Milton V. Taylor, Battle Mountain, Nevada
Vice Presidents - Richard O. Eymann, Star Route, Mohawk, Oregon
- William J. Holly, 366 S. 79th Street, Springfield, Oregon
- Kenneth Nielson, Battle Mountain, Nevada
- Lyman Thomas, Battle Mountain, Nevada
Attorney - James Callahan, Court House, Bridge Street, Winnemucca, Nevada

3. Applicants' property rights:
(a) Thirteen unpatented mining claims all located in Sec. 32 Range 42 E Township 39 N. Potosi Mining District, Humboldt County, Nevada
(f)

Mountain Queen No. 3	Book A4	of	Notices	Page	312
Amended Location	Book 6	of	Notices	Page	582
Mountain Queen No. 4	Book A4	of	Notices	Page	312
Amended Location	Book 6	of	Notices	Page	583
Mountain Queen No. 5	Book A4	of	Notices	Page	313
Amended Location	Book 6	of	Notices	Page	583
Mountain Queen No. 6	Book 6	of	Notices	Page	584
Mountain Queen No. 7	Book 6	of	Notices	Page	584
Mountain Queen No. 8	Book 6	of	Notices	Page	585
Mountain Queen No. 9	Book 6	of	Notices	Page	585
Mountain Queen No.10	Book 6	of	Notices	Page	586
Mountain Queen No.11	Book 6	of	Notices	Page	586
Mountain Queen No.12	Book 6	of	Notices	Page	587
Mountain Queen No.13	Book 6	of	Notices	Page	587
Mountain Queen No.14	Book 6	of	Notices	Page	588
Mountain Queen No.15	Book 6	of	Notices	Page	588

Humbolt County Courthouse, Winnemucca, Nevada

4. Physical description:
(a) Description of mining and exploration operations
Attention is directed to Plate III attached.
(1) The major work has been done on mining claim Mountain Queen No. 6 which included: - a road from the Burma Road to the pit - an open pit first for exploration and then for production approximately 30 feet deep, 60 feet wide, and 60 feet long.
(2) Additional exploration has been done with open cuts on all the remaining claims with those nearest to the contact indicated on the map.
(3) This exploration and mining has been done with a cat and a shovel.

TNT Inc.
P.O. Box 366 Getchell Mine
Red House, Nevada

FORM MF - 103

4. Physical description (continued):

Interest in operations:
All exploration and mining has been done by TNT Inc.
Accessibility of mine workings:
A good road from Winnemucca through the Getchell Millsite and one mile up the Burma Road provides easy access to the mine. See Plate II attached.

(b) Production from open pit on Mountain Queen No. 6 beginning August through September 1954.
These figures are presented in summary. Upon your request we will be pleased to provide copies of Custom Ore Settlement Sheets received from Getchell Mill Inc.
Shipments - 12
Net Dry Tons - 604.771
Average % WO_3 - 0.87
Range of % WO_3 0.16 to 2.18
Contained STUWO_3 - 526.230
Net Proceeds from Mill - $15,628.36

(c) Geologic features of the property.
Attention is directed to Plates I and III attached.
Geologic features of the Osgood Range of which our property is a part can best be described by quoting from the University of Nevada Bulletin Volume 15 No. 5 June 1946. Geology and Mining Series No. 44. Tungsten Deposits of the Osgood Range, Humboldt County, Nevada by S. W. Hobbs and S. E. Clabaugh Geologist, U.S. Geological Survey.

"Scheelite occurs in the northern half of the Osgood Range in tactite bodies formed by the metamorphism of limestone along the contacts of an intrusive granodiorite stock. Although the occurrence of scheelite in the area was known before 1917, very little tungsten ore was mined and milled until the fall of 1942 when a part of the Getchell gold mill was converted to tungsten production. By July 1945 nearly 250,000 tons of ore containing about 133,000 units of WO_3 had been mined from the Granite Creek, Kirby, Riley, Richmond, Porvenir, and Valley View mines. Several other properties in the area had been prospected, but no production had come as yet from them.

The mined ore contained an average of between 0.5 and 0.6 percent of WO_3, the grade ranging from 0.34 to over 0.8 percent. It was exploitable because of relatively low mining costs and favorable milling and stockpiling arrangements.

The Osgood Range is in eastern Humboldt County, Nevada northeast of the town of Golconda. Adam Peak, in the approximate center of the range, rises to an elevation of 8,400 feet, almost 3,500 feet above the desert flats on either side. The range is small and rugged with steep hillsides, but in many parts of the range exposures of bedrock are uncommon, and the surface extent of most of the ore bodies has been determined only by trenching.

TNT Inc.
P.O. Box 366 Getchell Mine
Red House, Nevada

FORM MF - 103

4. Physical description (continued):

The tungsten occurrences are in the Potosi mining district, and all are located within 10 miles of the Getchell mine, a large open pit gold mine 27 miles by road north of Golconda.

The north-central part of the Osgood range consists of a stock of granodiorite which has invaded sedimentary rocks (Pl. 1). The stock is six miles long in north-south direction and less than two miles wide, narrowing to less than 1,000 feet near the center. The granodiorite is a light-colored even-grained rock, composed chiefly of feldspar, quartz, biotite, and hornblende. Dikes of varied composition are numerous within the intrusive mass, as well as in the sedimentary rocks about the margin of the granodiorite stock. The dikes are composed of andesite porphyry, granodiorite, aplite, and a minor amount of pegmatite. The andesite porphyry dikes are probably related to Tertiary volcanic rocks of the region, and possibly to the gold-arsenic mineralization. The contact of the stock with the surrounding sedimentary rocks dips generally from 40° to 60° E. on the eastern side of the stock; where it is exposed on the western side, it is nearly vertical.

The sedimentary rocks are interbedded argillite and limestone. The argillite, commonly called shale or hornfels in the district, varies widely in character, but most of it is dark gray or brown in color, platy to blocky, and fine-grained. The limestone, less abundant than the argillite, occurs as layers a few inches to several hundred feet thick in the argillite. Most of the limestone is thin- to medium-bedded. The sediments have been extensively folded and faulted.

Immediately adjacent to the main intrusive mass, the sedimentary rocks have been markedly metamorphosed. The argillite has been altered to hornfels and schist. The limestone has been altered in places to tactite, composed chiefly of garnet, in other places to a white wollastonite rock, or recrystallized to a course marble adjacent to the tactite or to the igneous contact where the tactite is absent.

The tungsten mineralization is almost entirely restricted to tactite formed by the alteration of limestone adjacent to the granodiorite. Tactite is present along about 60 to 70 percent of the total length of the contact between the limestone layers in the sediments and granodiorite (Pl. 1). Larger tactite masses appear to have been localized by irregularities of the contact, particularly by projections of limestone into granodiorite. The tactite zone rarely extends for distances of more than 50 feet from the granodiorite contact, although exceptionally it may extend as far as 100 feet, and the main granodiorite stock forms one wall of each of the ore bodies developed by current mining operations.

TNT Inc.
P.O. Box 366 Getchell Mine
Red House, Nevada

FORM MF - 103

4. Physical description (continued):

A wide fault zone that strikes north-northwest and dips about 60° E. extends along the eastern front of the Osgood range, and contains the gold ore bodies of the Getchell mine. This fault is younger than the granodiorite, for it cuts across projections of the igneous mass. It is exposed at the Riley mine, and in the Pacific Tunnel near Granite Creek, where it is about 500 feet wide. The fault is probably one of several responsible for elevation of the Osgood range; movement on it alone may not have been sufficient to account for the total uplift, for the eastern margin of the fault zone, the downthrown side, contains limited exposures of limestone, argillite, and granodiorite.

Gold and tungsten are the only economically important metals in the district, although minerals containing zinc, copper, silver, molybdenum, lead, and bismuth also occur in the tactite bodies and in small veins or replacement bodies in the metamorphosed sedimentary rocks. The gold ore and the tungsten ore occur in separate deposits resulting from unrelated types and periods of mineralization. However, the presence of the large-scale gold mining operation and mill has been an important factor in the rapid development of the tungsten deposits in the district.

Scheelite (calcium tungstate) is the only tungsten mineral which has been recognized in the district, although it has been reported that scheelite from the Richmond mine (Pl. 1) contains lead tungstate in isomorphous combination with the calcium tungstate. Most of the scheelite has a moderate content of powellite, or calcium molybdate, in chemical combination with the calcium tungstate."

Specifically, the 13 claims of the TNT Inc. mentioned in this application lie on the northern border of the Osgood Range intrusive granodiorite stock. (See Plate III) The map prepared by Hobbs and Clabaugh has been combined with the contour map of Osgood Mountains Quadrangle prepared by the U.S. Geological Survey. The work of Hobbs and Clabaugh must have been somewhat hampered by the less than usual exposure of bedrock along the contact compared to other sections of the Osgood Range

Several cuts with a bulldozer have been made in an effort to reach bedrock and the following has been found.

(1) The cut on Mountain Queen 3 found granodiorite in place

(2) On Mountain Queen 4 granodiorite was found in place in the southerly cut. The cut to the West and North uncovered limestone.

TNT Inc.
P.O. Box 366 Getchell Mine
Red House, Nevada

FORM MF - 103

4. Physical description (continued):

(3) Granodiorite, possibly not a part of the major stock appears on the Northeast wall of the large open pit on Mountain Queen 6 from which all the production has been taken to date. As the pit was opened tactite of good grade with a minimum of powellite was followed in a northerly and westerly direction. Open pit mining was hampered due to a large block of limestone developing on the western side of the pit and over the tactite.

(4) Granodiorite was found in place in the cut on Mountain Queen 7

(5) Granodiorite was found in place in the cut on Mountain Queen 12 which indicates the granodiorite projection might go further west than the map indicates.

(6) A few pieces of good grade tactite were found in the open cut on Mountain Queen 8

(7) Granodiorite was found as indicated in the two cuts on Mountain Queen 9

This application for an exploratory loan is being made to determine through the aid of core drilling:

(1) the occurrance of limestone - granodiorite contacts on this property.

(2) the extent of scheelite ore bodies along these contacts.

(d) Accessibility:
The Getchell Mill is within one mile of most of the property.

(e) Availability of Necessities.
Manpower, materials, supplies, and equipment are readily available with Golconda twenty-seven miles distant and Winnemucca 40 miles distant. A power line serving the Getchell Mill, U.S. Vanadium and other mining Companies runs within a mile of the property. A small spring runs all year on the property.

5. The Exploration Project

b. The proposed work is diamond drilling exploration primarily of the projections into the granodiorite stock. Limestone occurs in at least three of the four major projections. (See Plate III) In other parts of the Osgood Range a projection of limestone into the granodiorite has been most favorable for the deposition of tactite bearing scheelite of a satisfactory grade. Drilling of 15 holes each 300 feet in length which should give in most cases a depth of approximately 200 feet downdip from the surface exposure of the granodiorite-limestone contact is proposed.

(d) Experience:
Fred J. Bartels has had college training in geology, mining, and milling, and for 30 years as mining operator and engineer has worked with copper, lead, zinc, gold, and tungsten. He served for three terms as assistant to Dr. Goodspeed, geology, University of Washington.

TNT Inc.
P.O. Box 366 Getchell Mine
Red House, Nevada

FORM MF - 103

6. Estimate of Costs
   (a) Independent Contracts:
   It is proposed to contract the entire drilling program, the contractor furnishing all equipment, labor, and supplies.
   15 holes 300 feet long equals 4500 feet
   4500 feet at $6.50 per foot=$29,250
   (b) Through (h) Not Applicable

7b. X Money

The TNT Inc. is presently mining on property leased from the Southern Pacific R.R. adjoining the property mentioned in this application. Funds are available in the Treasury and will be set aside to take care of our share of this exploration.

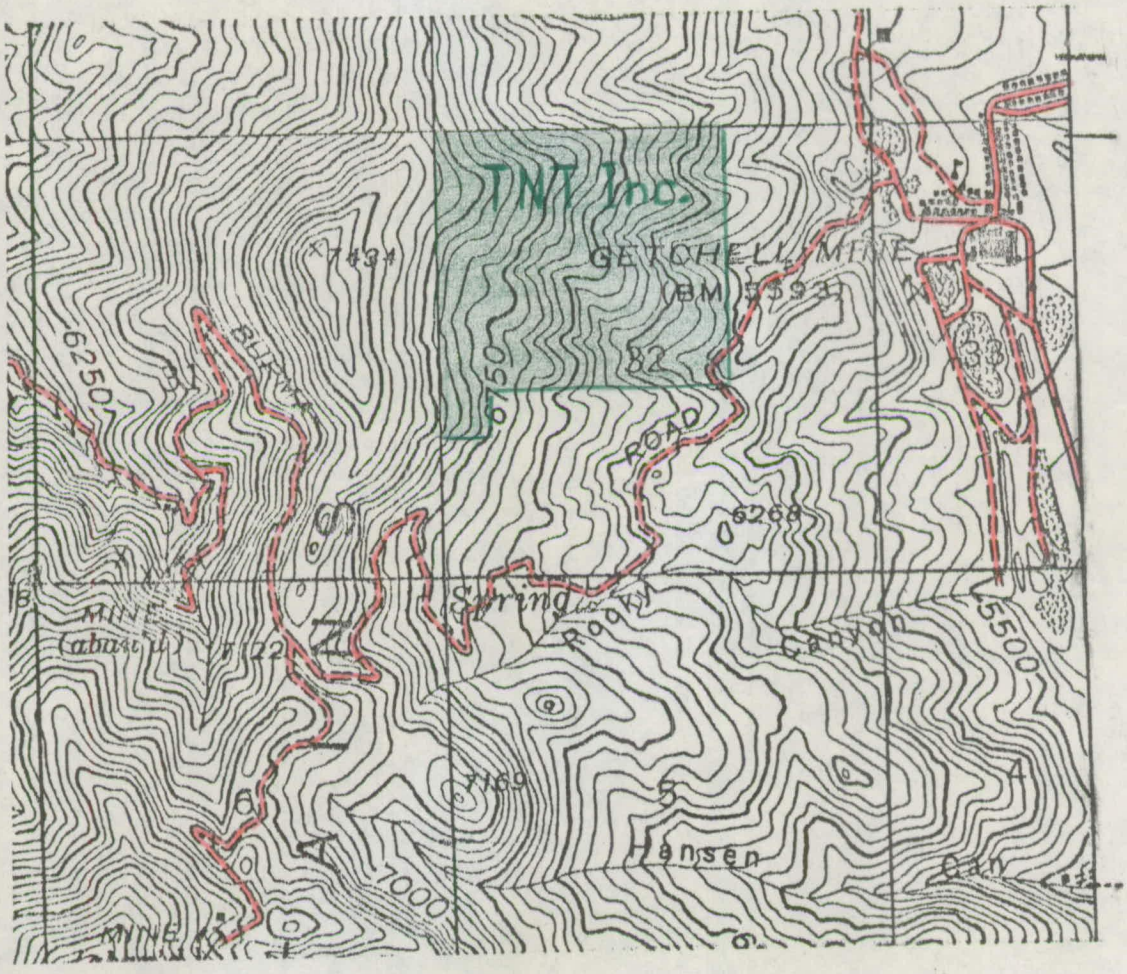
WASHINGTON 25, D. C.

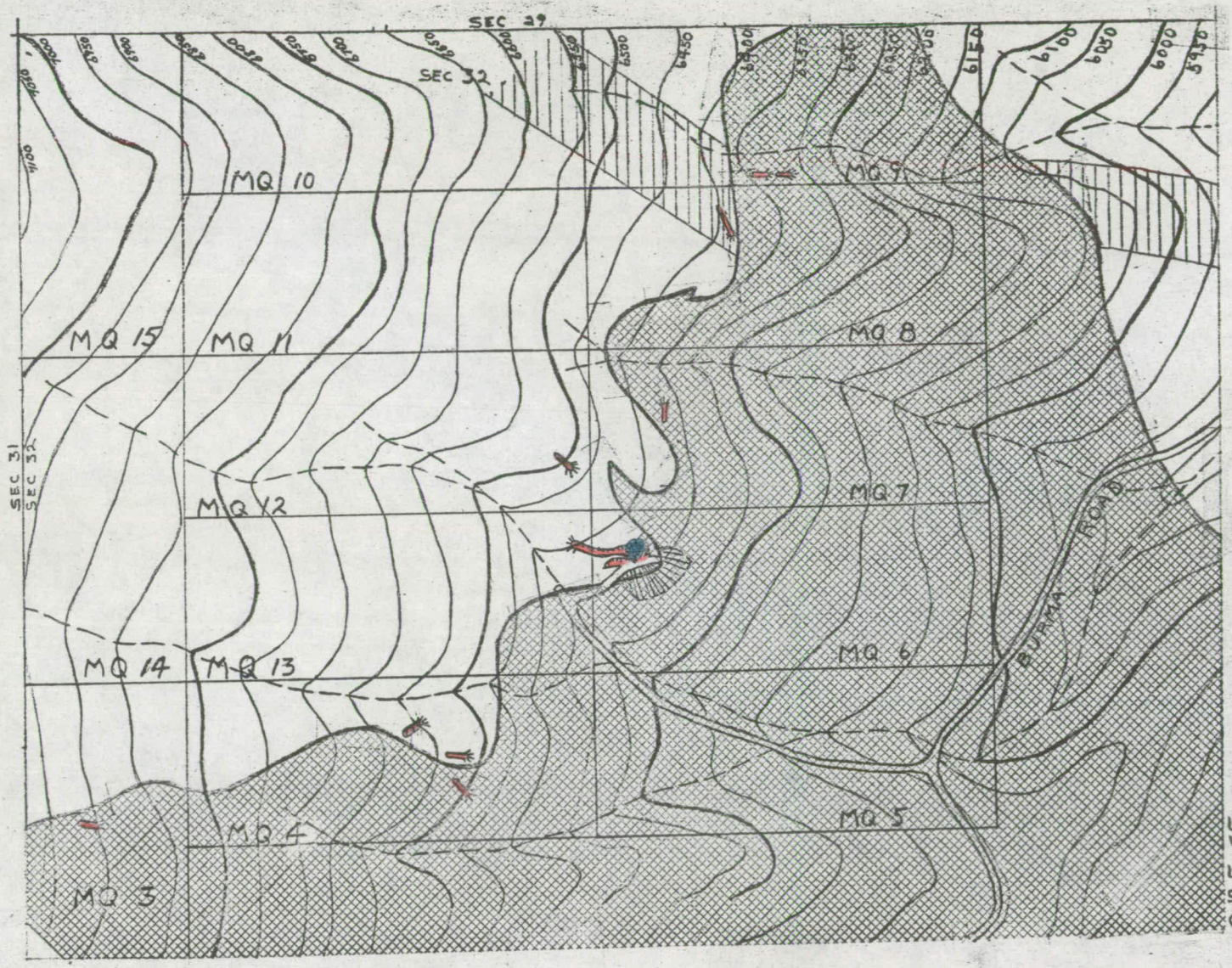
OFFICIAL BUSINESS

Postage due 3 cents

Mr. George C. Selfridge, Chairman
Operating Committee D.M.E.A.
Dept. of the Interior
Washington 25, D.C.

PLATE II


TNT Inc.
GETCHELL MINE
(BM) 5393
7434
6250
6500
82
33
ROAD
6268
Spring
Canyon
5500
7169
Hansen
7000



EXPLANATION

TACTITE

GRANODIORITE

LIMESTONE

HORNFELS AND ARGILLITE

OPEN PITS AND CUTS

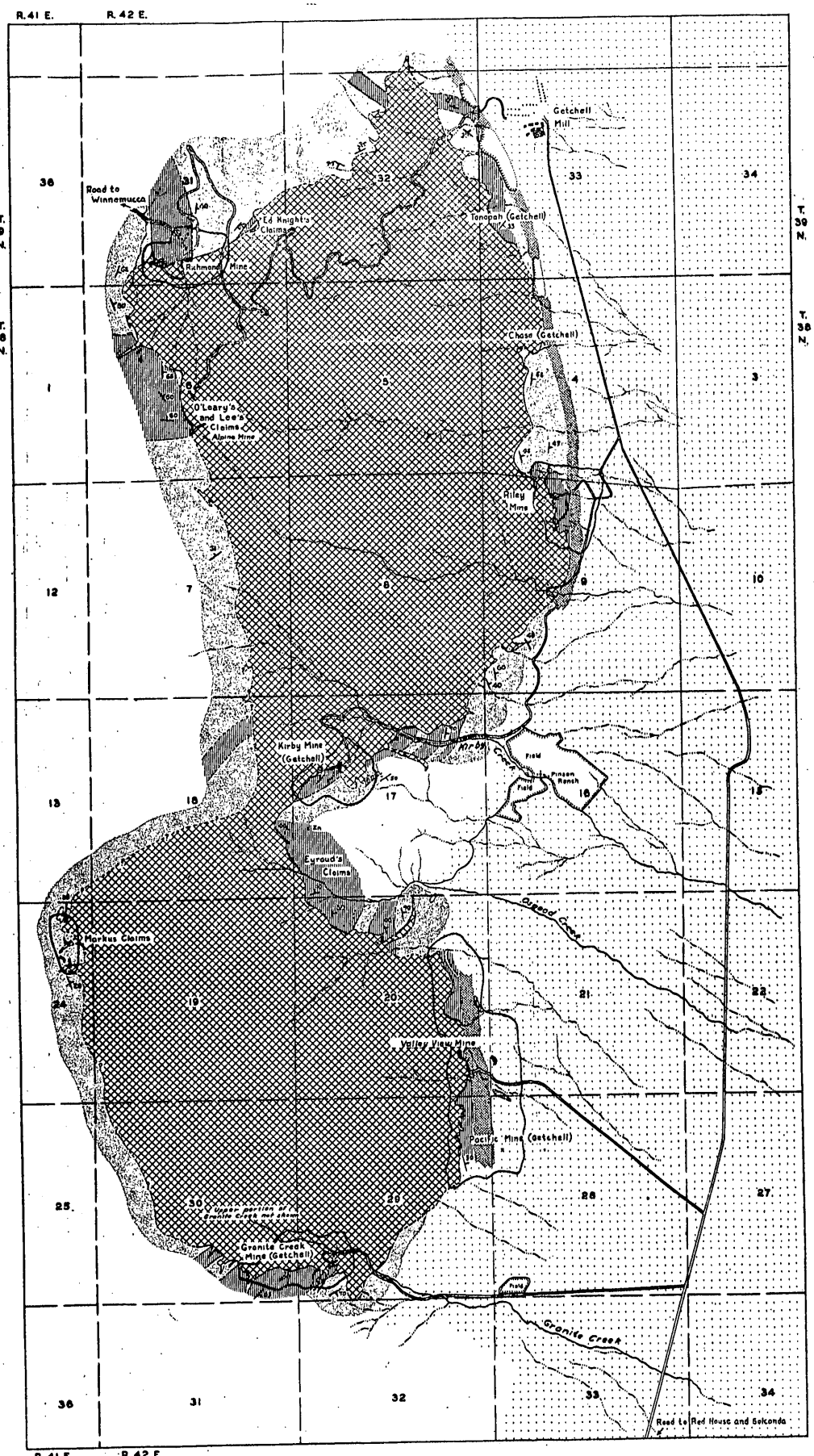
ROAD TO GETCHELL MILL

MQ
MOUNTAIN QUEEN CLAIMS
OWNED BY TNT INC

TNT INC
R 42E T39N SEC 32
Scale 1" = 600'

SOURCE:
University of Nevada Bulletin
Vol. 40 No. 5 Plate 1
U.S. Dept. of Interior Geological
Survey - Osgood Mountains
Quadrangle

PLATE I



EXPLANATION

ALLUVIUM

TACTITE, CHIEFLY SCHEELITE-BEARING

GRANODIORITE

LIMESTONE

HORNFELS AND ARGILLITE

FAULT ZONE

STRIKE AND DIP OF BEDS

OPEN PITS OF GETCHELL MINE (GOLD AND ARSENIC)

ADIT, SHAFT, OR PIT

AREAS MAPPED IN DETAIL

SCALE

0 1000' 2000' 3000' 4000'

BASE IN PART FROM AERIAL PHOTOGRAPHS MADE AVAILABLE BY GETCHELL MINE, INC.

GEOLOGY BY S. E. CLABAUGH AND S. W. HOBBS, APRIL, 1943

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECONNAISSANCE GEOLOGIC MAP OF THE OSGOOD RANGE INTRUSIVE

POTOSI MINING DISTRICT, HUMBOLDT COUNTY, NEVADA

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
3/25	Holt	400
3/25	Martin	400
		800
		140
		140
		130
		110
		100
		220

March 25, 1957

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: General Summary of Contract and Results Obtained
Docket No. DMEA 3609 - Tungsten
TNT, Inc.
Mountain Queen Claims
Humboldt County, Nevada
Contract No. Idm-E787

Operator: TNT, Inc., c/o Getchell Mine, Box 366, Golconda, Nevada

Operator's Property Rights:

The Operator owns four unpatented lode mining claims, situated in sec. 32, T. 39 N., R. 42 E., M. D. B. and M., approximately 1.2 miles northwest of the Getchell mill, Redhouse, Humboldt County, Nevada, and recorded in the office of the County Recorder of Humboldt County at Winnemucca, Nevada, as follows:

Claim Name	Recorded Book No.	Recorded Page No.
Mountain Queen No. 6	6	584
Mountain Queen No. 7	6	584
Mountain Queen No. 12	6	587
Mountain Queen No. 13	6	587

Contract:

(a) Executed April 21, 1955 (Short Form, MF-200A)

(b) Work to be started on or before June 15, 1955, and to be completed on or before October 1, 1955

(c) Work authorized:

Fixed Unit Costs

Diamond core drilling, 600 feet @ $7.50/ft.	$4,500.00
Assaying, 40 samples for WO_3 @ $5.00/each	200.00
Estimated Total Cost of the Project	$4,700.00
Government Participation @ 75 percent	$3,525.00

8623

Contract: (Cont'd)

Amendment No. 1, executed October 14, 1955, effective as of April 21, 1955, extended the time for completion of the contract from October 1, 1955 to June 21, 1956, and changed the work authorization as follows:

STAGE I

Work authorized under original contract,

Estimated Total Cost of Stage I		$3,502.50

STAGE II

PHASE I

Bulldozing access roads and drill sites, 30 hours @ $16.00/hr.	$ 480.00	
Diamond drilling, 900 feet @ $6.50/ft.	5,850.00	
Reaming and casing, or cementing and redrilling, 200 feet @ $2.00/ft.	400.00	
Assaying 24 samples for WO_3, @ $5.00/ea.	120.00	
		$6,850.00

PHASE II

Bulldozing access road and adit site, 10 hours @ $16.00/hr.	160.00	
Drifting and crosscutting, 400 feet @ $31.00/ft.	12,400.00	
Assaying 18 samples for WO_3 @ $5.00/ea.	90.00	
		$12,650.00
Estimated Total Cost of Stage II		19,500.00
Estimated Total Cost of the Project		23,002.50
Government Participation @ 75 percent (rounded)		17,252.00

(d) Work Completed:

STAGE I

Diamond drilling, 459 feet @ $7.50/ft.	$3,442.50	
Assaying, 12 samples for WO_3 @ $5.00/ea.	60.00	$ 3,502.50

STAGE II

Bulldozing, 10 hours @ $16.00/hr.	$ 160.00	
Drifting, 325 feet @ $31.00/ft.	10,075.00	$10,235.00
Total Accepted Cost of the Contract		$13,737.50
Government Participation @ 75 percent		$10,303.12

Work under the contract was commenced on June 15, 1955, and was discontinued before completion on March 22, 1956, due to financial difficulties of the Operator.

Audits: A review in lieu of final audit, dated October 9, 1956 was received November 19, 1956.

Reports: The Final Report of the Field Team, dated December 10, 1956, was received December 17, 1956. Although repeatedly requested to do so, the Operator has not yet submitted his Final Report.

Past Production:

During the year 1954 a total of 604.78 dry tons of ore, averaging 0.87 per cent WO_3, was mined from the Mountain Queen claims and milled in the Getchell mill. From this ore 526.2 units of WO_3 were recovered, the gross proceeds from the sale of which were $19,365.22.

Present Production:

No ore has been produced from the Mountain Queen claims since the date of the contract, and no royalties are presently due the Government.

Certification:

As recommended by the Field Team, a certification of discovery or development was issued by this office on Apr. 3, 1957.

Comment: The project consisted of work on the Mountain Queen group of claims to explore for tungsten, which occurs as scheelite in lenses, pods, and disseminations in tactite along and near a contact between granodiorite and limestone. Reserves of tungsten ore discovered by project work have been estimated by the Field Team as 4,000 tons of inferred ore, averaging 0.6 percent WO_3, with a "a few" tons of measured ore, average grade 0.56 percent WO_3, and a "few hundred" tons of indicated ore, implied to average 0.5 percent WO_3 or better.

W. S. Martin

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

SPHolt:am
cc to: Docket
Code 400
Admr. Read. File
Oper. Comm.
Mr. F. E. Johnson

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
	Selfridge	120 M
	Cullearne	800 ✓
		~~130~~
9/3	Jones	110
	Cullearne	100
		220
		~~FB~~

SEP 3 1964

Memorandum

To: Acting Field Officer, Region II

From: Chief, Division of Exploration Operations

Subject: DMEA-3609 (Tungsten)
TMT, Inc.
Mountain Queen Claims
Humbolt County, Nevada
Contract Idm-K787

With reference to your memorandum of May 6, 1964, please advise the status of the claims if you have an opportunity to visit the property this summer.

George C. Selfridge

FMMurphy/mm
8/20/64
cc: Director's Reading File
Review Committee
Docket
120M

23263

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
	GCS	120
10/21	[illegible]	110
	[illegible]	100
		~~220~~

OCT 21 1964

Memorandum

To: The File

From: Chief, Division of Exploration Operations

Subject: DMEA-3609 (Tungsten)
TNT, Inc.
Mountain Queen Claims
Humbolt County, Nevada
Contract Idm-E787

As the claims were allowed to lapse and the State of Nevada canceled the subject Operator's incorporation, all in 1959, this docket may be closed in 1965 by writing a memorandum to the file.

George C. Selfridge

GCSelfridge/mm
10/21/64
cc: Director's Reading File
Docket

23263

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

OFFICIAL FILE COPY

October 14, 1964

RECEIVED OCT 19 1964

DATE	INITIALS	CODE
10/19	GEF	800
10/20	mm	120 m
		~~120~~

Memorandum

To : Chief, Division of Field Operations, OME, Washington, D. C.

From : Acting Field Officer, OME, Region II

Subject: DMEA-3609 (Tungsten)
TNT, Inc.
Mountain Queen Claims
Humboldt County, Nevada
Contract Idm-E 787

Reference is made to your memorandums of April 7, and September 3, 1964 requesting a report on the status of the claims. A visit was made to the Mountain Queen Claims on September 26, 1964 and the property is inactive. There is no resemblance of a stockpile of tungsten ore on the dump and an inspection of the underground workings was not conducted.

Paul V. Fillo

Paul V. Fillo

cc: Chief, Division of Field Operations, OME, Wash., D. C.

In 1964 Potter was in Battle Mountain, Nev.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
450 Golden Gate Avenue, Box 36012
San Francisco, California, 94102

OFFICIAL FILE COPY
O. M. E
RECEIVED MAY 11 1964

DATE	INITIALS	CODE
May 6, 1964		
5/11		800
Washington, D. C.		720
		500
		220

Memorandum

To : Chief, Division of Field Operations, OME,

From : Acting Field Officer, OME, Region II

Subject: DMEA-3609 (Tungsten)
TNT, Inc.
Mountain Queen Claims
Humbolt County, Nevada
Contract Idm - E 787

Reference to your letter of April 7, 1964, on the above subject. Weather hampered my traveling to visit the subject property, but I managed to talk to Emerson H. Potter on April 26, 1964, in Battle Mountain, Nevada.

He mentioned the claims were dropped five years ago and the assessment work was not kept up. I asked about the 40 tons of ore that was stockpiled on the dump and in the mine. His only comments were he didn't think there was that much of a stockpile on the property.

It is my hope that sometime during the summer a cursory inspection can be made of this property.

Paul V. Fillo

Paul V. Fillo

cc:

Chief, Division of Field Operations, OME, Washington, D. C.

MME Form 7
(2/63)

c

APR 7 1964

OFFICIAL FILE COPY

Date	Surname	Code
	Brown	500
4/6	Jaffurt	800
	GCS	130
4/6	Johnson	110
		100
		220

Memorandum

To: Acting Field Officer, Region II

From: Chief, Division of Field Operations

Subject: DMEA-3609 (Tungsten)
TNT, Inc.
Mountain Queen Claims
Humbolt County, Nevada
Contract Idm-E787

On February 20, 1964, a Form 63, Request for Information On Certified Project, was sent by registered mail to Emerson H. Potter, Battle Mountain, Nevada, owner of the subject property. This Form 63 was returned by the Post Office marked "Unclaimed," although Mr. Potter returned a completed Form 63 mailed to him at the same address in October 1962.

Will you please visit this property when you are in the area and forward any information you are able to obtain concerning it.

George C. Selfridge (gla)

MMerrithew/mm
4/6/64
cc: Director's Reading File
Review Committee
Docket
Code 500

P.S. The Semi-Annual Report of June 30, 1957, states that about 40 tons of ore was stockpiled on the dump and in the mine. Will you please check on this when you visit the property. We suggest that a special trip not be made and that you visit the property sometime this year only when you may be in the vicinity of Winnemucca.

GCSelfridge/gla
4/6/64

23263

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

March 16, 1964

REGISTERED MAIL
RETURN RECEIPT REQUESTED

Re: DMEA-3609 (Tungsten)
TNT, Inc.
Mountain Queen Claims
Humbolt County, Nevada
Contract Idm-E787

Mr. Robert L. Taylor
President
TNT, Inc.
c/o Getchell Mines, Box 366
Golconda, Nevada

Dear Sir:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

Sincerely yours,

W. R. Griswold, Chief
Division of Minerals

MME Form 63
Revised 3-62

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since November 20, 1962 , has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☐

2. Since November 20, 1962 , has there been any production from the land subject to the contract? Yes ☐ No ☐

   A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value
_____		
_____	_____	_____

   B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity		Estimated Grade	Location
Ore	_____	Tons	_____	_____
Concentrates	_____	Tons	_____	_____
Other	_____	Tons	_____	_____

3. Since , has any production been transported through workings (see of contract)? Yes ☐ No ☐

   A. If so, state quantity, value, and disposition of material.

Disposition of Material	Quantity	Value
_____	_____	_____

Submitted by:

Name _____ Title _____

Address _____ Date _____

4512

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

March 16, 1964

REGISTERED MAIL
RETURN RECEIPT REQUESTED

Re: DMEA-3609 (Tungsten)
TNT, Inc.
Mountain Queen Claims
Humbolt County, Nevada
Contract Idm-E787

Mr. Robert L. Taylor
President
TNT, Inc.
c/o Getchell Mines, Box 366
Golconda, Nevada

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Sincerely yours,

W. R. Griswold

W. R. Griswold, Chief
Division of Minerals

MME Form 63
Revised 3-62

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

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Concentrates	_____	Tons	_____	_____
Other	_____	Tons	_____	_____

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Disposition of Material	Quantity	Value
_____	_____	_____

Submitted by:

Name _____ Title _____

Address _____ Date _____

4511

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

March 16, 1964

REGISTERED MAIL
RETURN RECEIPT REQUESTED

Re: DMEA-3609 (Tungsten)
TNT, Inc.
Mountain Queen Claims
Humbolt County, Nevada
Contract Idm-E787

Mr. Robert L. Taylor
President
TNT, Inc.
c/o Getchell Mines, Box 366
Golconda, Nevada

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W. R. Griswold

W. R. Griswold, Chief
Division of Minerals

MME Form 63
Revised 3-62

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_____		

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   A. If so, state quantity, value, and disposition of material.

Disposition of Material	Quantity	Value
_____	_____	_____

Submitted by:

Name _____ Title _____

Address _____ Date _____

4511

MAR 17 WASHINGTON, D.C.

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

OFFICIAL BUSINESS

202 70

REGISTERED

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF THE INTERIOR

INTERIOR DEPT.
SECRETARY'S
MAIL CENTER
MAR 2 1984

REGISTERED MAIL
RETURN RECEIPT REQUESTED

Mr. Robert L. Taylor, President
TNT, Inc.
~~c/o Getchell Mines~~
~~Box 366~~
~~Golconda, Nevada~~

REGISTERED
NO. 598223

RETURN RECEIPT
REQUESTED

15

WASHINGTON, D. C.
MAR 17 1964
REG. DIV.

MAR 27 A.M. 1964

MAR 21 A.M. 1964

#1-INSTRUCTIONS TO DELIVERING EMPLOYEE

☐ Deliver *ONLY* to addressee

☑ Show address where delivered

(Additional charges required for these services)

RETURN RECEIPT

Received the numbered article described on other side.

SIGNATURE OR NAME OF ADDRESSEE *(must always be filled in)*

SIGNATURE OF ADDRESSEE'S AGENT, IF ANY

DATE DELIVERED	ADDRESS WHERE DELIVERED *(only if requested in item #1)*

C55—16—71548-4 GPO

1964 REG. DIV.

WASHINGTON, D. C. MAR 30 1964 REG. DIV.

CARLIN MAR 1964

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

February 20, 1964

REGISTERED MAIL
RETURN RECEIPT REQUESTED

Troy

Mr Robert L. Taylor, President
TNT, Inc.
~~Mr. Emerson H. Potter~~

Battle Mountain, Nevada

Re: DMEA-3609 (Tungsten)
TNT, Inc.
Mountain Queen Claims
Humbolt County, Nevada
Contract Idm-E787

Dear Sir:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

Sincerely yours,

W. R. Griswold, Chief
Division of Minerals

MME Form 63
Revised 3-62

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

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Disposition of Material	Quantity	Value
_____	_____	_____

Submitted by:

Name _____ Title _____

Address _____ Date _____

4511

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

February 20, 1964

REGISTERED MAIL
RETURN RECEIPT REQUESTED

Re: DMEA-3609 (Tungsten)
TNT, Inc.
Mountain Queen Claims
Humbolt County, Nevada
Contract Idm-E787

Mr. Emerson H. Potter

Battle Mountain, Nevada

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W. R. Griswold, Chief
Division of Minerals

MME Form 63
Revised 3-62

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Submitted by:

Name _____ Title _____

Address _____ Date _____

4511

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

February 20, 1964

REGISTERED MAIL
RETURN RECEIPT REQUESTED

Re: DMEA-3609 (Tungsten)
TNT, Inc.
Mountain Queen Claims
Humbolt County, Nevada
Contract Idm-E787

Mr. Emerson H. Potter

Battle Mountain, Nevada

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W. R. Griswold

W. R. Griswold, Chief
Division of Minerals

MME Form 63
Revised 3-62

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Submitted by:

Name _____ Title _____

Address _____ Date _____

4511

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
WASHINGTON 25, D. C. 20240

OFFICIAL BUSINESS

RETURNED TO WRITER
REASON CHECKED
Unclaimed ✓ Refused
Addressee unknown
Insufficient Address
No such street ..... number
No such office in state
Do not re-mail in this envelope

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF THE INTERIOR

REGISTERED MAIL
RETURN RECEIPT REQUESTED

Mr. Emerson H. Potter

Battle Mountain, Nevada

REGISTERED
NO. 598195

15

Name _____
1st Notice FEB 23 1964
2nd Notice MAR 2 1964
Return MAR 9 1964

WASHINGTON, D. C. WEST END STA. FEB 20 1964 USPO

BATTLE MOUNTAIN NEV. MAR 9 1964

BATTLE MOUNTAIN, NEV. USPO FEB 23 1964

WASHINGTON, D. C. MAR 2 1964 DIV.

WASHINGTON, D. C. WEST END STA. FEB 20 1964 USPO

WASHINGTON, D. C. WEST END STA. FEB 20 1964 USPO

WASHINGTON, D. C. WEST END STA. FEB 20 1964 USPO

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

October 31, 1963

Re: [illegible] (Forgotten)
[illegible], Inc.
Mountain Queen Claims
Humbolt County, Nevada
Contract Ior-1787

Mr. Emerson Foster

Battle Mountain, Nevada

Dear Sir:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

Sincerely yours,

s/F. M. Murphy

F. M. Murphy, Acting Chief
Division of Minerals

Repeat registered mail

MME Form 63
Revised 3-62

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

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Disposition of Material	Quantity	Value
_____	_____	_____

Submitted by:

Name _____ Title _____

Address _____ Date _____

4511

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

555 Battery Street
San Francisco 11, California

OFFICIAL FILE COPY
O. M. E.
RECEIVED DEC 12 1962
FILE

Forwarded 500
Holt 502
220

December 10, 1962

Memorandum

To: Fiscal Section, Division of Administrative Services, Office of the Secretary, Department of the Interior, Washington, D. C.

From: Acting Field Officer, OME, Region II

Subject: DMEA-3609 (Tungsten)
TNT Inc.
Mountain Queen Claims
Humboldt County, Nevada
Contract Idm-E787

Enclosed is the original of a Report of Review covering the subject contract.

This office agrees with the facts as stated in this report.

Paul V. Fillo

Enclosure

cc:
Chief, Division of Field Operations, OME, Washington, D.C.
Contract Administration and Audit Division, OME, Washington, D. C.

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
		220

December 3, 1962

Memorandum

To: Acting Field Officer, Region II

From: E. D. Talbert, Chief (Signed) E. D. Talbert
Contract Administration and Audit Division

Subject: DMEA-3609 (Tungsten)
TNT Inc.
Mountain Queen Claims
Humboldt County, Nevada
Contract Idm-E787

The original and one copy of a Report of Royalty Review covering the subject contract are enclosed. If you concur in the facts stated therein, please make the following distribution:

(a) Original to the Fiscal Section, Division of Administrative Services, Office of the Secretary, U. S. Department of the Interior, Washington 25, D. C.; and

(b) One copy for your files.

This Report of Royalty Review is made for record purposes only; therefore, no copy for the Operator is provided.

As evidence of your concurrence, a copy of your memorandum transmitting the original report to the Fiscal Section should be furnished this Division. If for any reason you do not concur, both copies of the report should be returned to this Division with your comments.

Enclosures

EDTalbert/ama 12-3-62

cc:
Docket
Director's Reading File
CA & A Division
Fiscal Section

43683

JOHN KOONTZ
SECRETARY OF STATE

STATE OF NEVADA
DEPARTMENT OF STATE

JOHN K. WOODBURN
DEPUTY

OFFICIAL FILE COPY
O. M. E
RECEIVED NOV 26 1962

DATE		
11/26		800
11/27		500
		220

CARSON CITY, NEVADA
November 23, 1962

To: Department of the Interior, Office of Minerals Exploration, Washington, 25, D. C.
Re: T.N.T., INC. - incorporated June 22, 1954

Replying to your recent inquiry re. the above corporation, you are informed that its charter was revoked (or, if a State other than Nevada is named after its corporate name above, its right to do business in Nevada was forfeited) at the time and for the reason set forth in one of the two following paragraphs which is checked:

( ) The first Monday of March, 192 , for failure to pay the annual license tax then assessed against corporations; or

(x) The first Monday of March, 1959, for failure to file an annual list of officers, directors, designation of resident agent and his acceptance thereof, and to pay the filing fee and penalty thereon.

In either case, you are informed that the charter, or the right to do business in Nevada, as the case may be, has not been reinstated since revocation or forfeiture, for which the law authorizing same makes provision. If you wish to reinstate the company, we shall be glad to advise you as to the total delinquent fees and penalties which must be paid before reinstatement can be allowed, and the procedure to accomplish such reinstatement.

You are further informed that corporations are not required to file in this office any papers, statements or reports, other than their articles of incorporation and any amendments thereof, notice of change of location of principal office and of the agent in charge thereof, and the annual list of officers, etc., above referred to. Hence, we are unable to inform anyone as to the physical or financial operations of any corporation; its property, assets, or liabilities; its stock issues; or the value of its shares, etc. Furthermore, we are never informed as to the registrar or transfer agent of its stock.

In view of the status of the company, as indicated above, we have no information with respect to the current officers, directors, or resident agent of the corporation.

Very truly yours,

John Koontz

Secretary of State.

OFFICIAL FILE COPY
O. M. E
RECEIVED NOV 26 1962

DATE	INITIALS	
		800
		120
		500

Form SS 40
727

JOHN KOONTZ
SECRETARY OF STATE

STATE OF NEVADA
DEPARTMENT OF STATE

CARSON CITY, NEVADA
November 23, 1962

OFFICIAL FILE COPY
O. M. E.
RECEIVED NOV 26 1962

JOHN K. WOODBURN
DEPUTY

DATE	INITIALS	
11/26	[illegible]	800
11/27	[illegible]	500
		220

To: Department of the Interior, Office of Minerals Exploration, Washington, 25, D. C.
Re: T.N.T., INC. - incorporated June 22, 1954

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(x) The first Monday of March, 1959, for failure to file an annual list of officers, directors, designation of resident agent and his acceptance thereof, and to pay the filing fee and penalty thereon.

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Very truly yours,

John Koontz

Secretary of State.

OFFICIAL FILE COPY
O. M. E
RECEIVED NOV 26 1962

DATE	INITIALS	
		800
		120
		500

Form SS 40
727

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

NOV 19 1962

The Secretary of State
State of Nevada
Carson City, Nevada

Re: DMEA-3609 (Tungsten)
TNT, Inc.
Mountain Queen Claims
Humbolt County, Nevada
Contract Idm-E787

Dear Sir:

Please inform us if TNT, Inc., a corporation incorporated under the laws of Nevada, is now active and what addresses you have listed for the corporation and its president, vice president, and secretary.

We have been trying, without success, to get in touch with this corporation regarding the subject contract and will very much appreciate any help you can give us.

Sincerely yours,

George Turnich
Director

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
5/28	a	220
5/29	WSay	400

MAY 28 1959

Memorandum

To: Mr. George Mayor, OME Auditor

From: E. D. Talbert, Acting Chief (Signed) E. D. Talbert
Contract Administration and Audit Division

Subject: Docket No. DMEA-3609 (Tungsten)
TNT Inc.
Contract No. Idm-E787

Your Report of Royalty Review covering the subject project is acceptable and distribution of the regional copies is authorized after correction of the Operator's box number to "366". This correction has been made on the Washington copies.

EDTalbert/ama
May 28, 1959

Copies to: Docket
Director's Reading File
CA & A Division

43683

#1-INSTRUCTIONS TO DELIVERING EMPLOYEE

☐ Deliver *ONLY* to addressee

☐ Show address where delivered

(Additional charges required for these services)

RETURN RECEIPT

Received the numbered article described on other side.

SIGNATURE OR NAME OF ADDRESSEE *(must always be filled in)*

SIGNATURE OF ADDRESSEE'S AGENT, IF ANY

DATE DELIVERED	ADDRESS WHERE DELIVERED *(only if requested in item #1)*
[illegible] 1982	

C55—16—71548-4 GPO

3609

POST OFFICE DEPARTMENT
OFFICIAL BUSINESS

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

BATTLE MOUNTAIN
NOV 24
11 AM
1962
NEV.

POSTMARK OF DELIVERING OFFICE

INSTRUCTIONS: Fill in items below and complete #1 on other side, when applicable. Moisten gummed ends and attach to back of article. Print on front of article RETURN RECEIPT REQUESTED.

RETURN TO

REGISTERED NO.	NAME OF SENDER
598427	MIN. EXPLORATION
CERTIFIED NO.	STREET AND NO. OR P. O. BOX
	DEPT. INTERIOR
INSURED NO.	CITY, ZONE AND STATE
	WASH. 25 D.C.

POD Form 3811 Jan. 1958

C55—16—71548·4

DMEA-3609
TNT, Inc

OFFICIAL FILE COPY
C
RECEIVE 28 52

DATE		
11/27	4007	800
11/28	~~Hebt~~ S.P.H	500 ✓
		220

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

October 19, 1962

Re: DMEA-3609 (Tungsten)
TNT, Inc.
Mountain Queen Claims
Humboldt County, Nev.
Contract Idm-E787

REGISTERED MAIL
RETURN RECEIPT REQUESTED

Mr. Emerson Potter

Battle Mountain, Nevada

Dear Mr. Potter:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

Sincerely yours,

W. R. Griswold

W. R. Griswold, Chief
Division of Minerals

OFFICIAL FILE COPY
O. M. E
RECEIVED NOV 26 1962

DATE	INITIALS	
11/26		800
11-24		100
11/26		~~120~~
11/27		500
		520

MME Form 63
Revised 3-62

DMEA-3609
Idm-E787

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since January 1, 1958, has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☑

2. Since January 1, 1958, has there been any production from the land subject to the contract? Yes ☐ No ☑

   A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value

   B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity	Estimated Grade	Location
Ore	Tons		
Concentrates	Tons		
Other	Tons		

3. Since , has any production been transported through workings (see of contract)? Yes ☐ No ☑

   A. If so, state quantity, value, and disposition of material.

Disposition of Material	Quantity	Value

Submitted by:

Name E. V. Potter Title

Address Battle Mtn. Nev. Date Nov. 20-1962

4511

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
11/19	Holt	300
	Hurd	500
11/19	Talbot	800
	Selbrede	420
11/19	Johnson	110
11-19	Fumich	100
		420

The Secretary of State
State of Nevada
Carson City, Nevada

NOV 19 1962

Re: DMEA-3609 (Tungsten)
TNT, Inc.
Mountain Queen Claims
Humbolt County, Nevada
Contract Idm-E787

Dear Sir:

Please inform us if TNT, Inc., a corporation incorporated under the laws of Nevada, is now active and what addresses you have listed for the corporation and its president, vice president, and secretary.

We have been trying, without success, to get in touch with this corporation regarding the subject contract and will very much appreciate any help you can give us.

Sincerely yours,

George Fumich, Jr.

Director

SPHolt/mm
11-19-62
cc: Director's Reading File
Docket
Region II (2)
Code 500

43683

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

August 9, 1962

Re: DMRA-3609 (Tungsten)
TNT, Inc.
Mountain Queen Claims
Humboldt County, Nev.
Contract Idm-8787

Mr. Emerson Potter

Battle Mountain, Nevada

Dear Mr. Potter:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

Sincerely yours,

W. R. Griswold

W. R. Griswold, Chief
Division of Minerals

MME Form 63
Revised 3-62

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since **January 1, 1958**, has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☐

2. Since **January 1, 1958**, has there been any production from the land subject to the contract? Yes ☐ No ☐

   A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value
_____	_____	_____
_____	_____	_____

   B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity		Estimated Grade	Location
Ore	_____	Tons	_____	_____
Concentrates	_____	Tons	_____	_____
Other	_____	Tons	_____	_____

3. Since _____, has any production been transported through _____ workings (see _____ of contract)? Yes ☐ No ☐

   A. If so, state quantity, value, and disposition of material.

Disposition of Material	Quantity	Value
_____	_____	_____

Submitted by:

Name _____ Title _____

Address _____ Date _____

4511

William [illegible] Holly
3CC So. 79th St.
Springfield, Oregon
Aug 2/1962

Mr. W.R. Griswold.

Dear Sir:

In reference to your letter of July 25/1962.

My intrest in the T.N.T. CORP. was sold in 1955 about the time the DMEA-3609 E787 contract was under-way.

The purchas of the T.N.T. STOCK was negotiated for by Emerson Potter of Battle Mtn., Nevada and I belive he completed the exploration work.

I do not know what intrest Mr Potter has now if any but he would probably be the best grounfid to supply this information.

Sincerely

W.J. Holly

2 copies to R-II 8/9/62

OFFICIAL FILE COPY
O. M. E
RECEIVED AUG 6 1962

DATE	INITIALS	CODE
8/6	[illegible]	800
	[illegible]	500
	[illegible]	
		220

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

7/25/62

July 25, 1962

Re: [illegible]-3609 (Tungsten)
TWI, Inc.
Mountain Queen Claims
Humboldt County, Nevada
Contract Ide-3787

Mr. William J. Holly, President
TWI, Inc.
366 South 79th Street
Springfield, Oregon

Dear Mr. Holly:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

Sincerely yours,

W. R. Griswold

W. R. Griswold, Chief
Division of Minerals

MME Form 63
Revised 3-62

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

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2. Since January 1, 1958, has there been any production from the land subject to the contract? Yes ☐ No ☐

   A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value
_____		
_____	_____	_____

   B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity	Estimated Grade	Location
Ore	_____ Tons	_____	_____
Concentrates	_____ Tons	_____	_____
Other	_____ Tons	_____	_____

3. Since _____, has any production been transported through _____ workings (see _____ of contract)? Yes ☐ No ☐

   A. If so, state quantity, value, and disposition of material.

Disposition of Material	Quantity	Value
_____	_____	_____

Submitted by:

Name _____ Title _____

Address _____ Date _____

4511

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

MAY 21 1962

Re: DMEA-3609 (Tungsten)
TNT, Inc.
Mountain Queen Claims
Humbolt County, Nevada
Contract Idm-E787

TNT, Inc.
c/o Getchell Mine
Box 366
Golconda, Nevada

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

Sincerely yours,

W. R. Griswold, Chief
Division of Minerals

Returned, marked "not at Getchell" See envelope attached

MME Form 63
Revised 3-62

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since January 1, 1958 , has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☐

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	Quantity	Value
_____		
_____	_____	_____

   B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity		Estimated Grade	Location
Ore	_____	Tons	_____	_____
Concentrates	_____	Tons	_____	_____
Other	_____	Tons	_____	_____

3. Since , has any production been transported through workings (see of contract)? Yes ☐ No ☐

   A. If so, state quantity, value, and disposition of material.

Disposition of Material	Quantity	Value
_____	_____	_____

Submitted by:

Name _____ Title _____

Address _____ Date _____

4511

OFFICE OF MINERALS EXPLORATION

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS
EXPLORATION ADMINISTRATION

WASHINGTON 25, D. C.

OFFICIAL BUSINESS

POSTAGE AND FEES PAID
DEPARTMENT OF THE INTERIOR

Mat at Cottrell

Sheet
2 of 2

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

MAY 21 1962

Re: IMRA-3609 (Tungsten)
TNT, Inc.
Mountain Queen Claims
Humbolt County, Nevada
Contract Idm-E787

TNT, Inc.
c/o Getchell Mine
Box 366
Golconda, Nevada

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

Sincerely yours,

W. R. Griswold

W. R. Griswold, Chief
Division of Minerals

MME Form 63
Revised 3-62

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

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	Quantity	Value
_____		
_____	_____	_____

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Type	Quantity		Estimated Grade	Location
Ore	_____	Tons	_____	_____
Concentrates	_____	Tons	_____	_____
Other	_____	Tons	_____	_____

3. Since , has any production been transported through workings (see of contract)? Yes ☐ No ☐

   A. If so, state quantity, value, and disposition of material.

Disposition of Material	Quantity	Value
_____	_____	_____

Submitted by:

Name _____ Title _____

Address _____ Date _____

4511

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

MAY 21 1962

Re: IMEA-3609 (Tungsten)
TNT, Inc.
Mountain Queen Claims
Humboldt County, Nevada
Contract Idm-2787

TNT, Inc.
c/o Getchell Mine
Box 366
Golconda, Nevada

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

Sincerely yours,

W. R. Griswold

W. R. Griswold, Chief
Division of Minerals

MME Form 63
Revised 3-62

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since January 1, 1958, has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☐

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   A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value
_____	_____	_____
_____	_____	_____

   B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity	Estimated Grade	Location
Ore	_____ Tons	_____	_____
Concentrates	_____ Tons	_____	_____
Other	_____ Tons	_____	_____

3. Since _____, has any production been transported through _____ workings (see _____ of contract)? Yes ☐ No ☐

   A. If so, state quantity, value, and disposition of material.

Disposition of Material	Quantity	Value
_____	_____	_____

Submitted by:

Name _____ Title _____

Address _____ Date _____

4512

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

555 Battery Street
San Francisco 11, California

OFFICIAL FILE COPY
O. M. E
RECEIVED APR 2 1962
DATE

March 27, 1962

Memorandum

To: E. D. Talbert, Acting Chief, Contract Administration and Audit Division, OME, Washington, D. C.

From: Acting Field Officer, OME, Region II

Subject: Docket DMEA-3609
TNT Inc.
Mountain Queen Claims
Humboldt County, Nevada
Contract Idm-E787

In reference to your memorandum of March 16, 1962, pertaining to the subject contract, our files contain no further information as to the (1) subsequent examinations of the property, (2) disposition of the stockpile, (3) further activity on the property, or (4) the leasing or change in ownership of the claims.

Paul V. Fillo

Paul V. Fillo

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code

MAR 16 1962

Memorandum

To: Acting Field Officer, Region II

From: Acting Chief, Contract Administration & Audit Division (Signed) E. D. Talbert

Subject: Docket DMEA-3609
TNT Inc.
Mountain Queen Claims
Humboldt County, Nevada
Contract Idm-E787

According to the Washington office files the last examination of the property under the subject contract was on December 31, 1957, which disclosed removal of the mining machinery and no work since a prior examination. The prior examination indicated that about 40 tons of ore had been stockpiled as the result of post-contract work performed, it is assumed, by the Ran-Rex Mining Company mentioned in Mr. Rickers January 15, 1957, memorandum.

Your advice is solicited as to whether your regional files contain any information as to (1) subsequent examinations of the property, (2) disposition of the stockpile, (3) further activity on the property, or (4) the leasing or change in ownership of the claims.

EDTalbert/cac
March 16, 1962

cc: Director's reading file
Contract Admin. & Audit Div.

43683

SEMI-ANNUAL REPORTS OF CERTIFIED PROJECTS

Reporting Period 7/1/57-12/31/57 Date of Examination 12/31/57

Operator TNT, Inc.

Mine Name TNT Mine (Mountain Queen Claims)

County and State Humboldt County, Nevada

Docket Number and Commodity DMEA-3609 (Tungsten)

Contract Number Idm-E 787

OFFICIAL FILE COPY
DMEA
RECEIVED FEB 3 1958
DATE INITIALS CODE
2-4 C 220

Date of Contract

Date of Certification

Expiration Date of Royalty Payments

NO CHANGE

Total Amount of Contract

Total Expenditures under Contract

Amount of Government Participation at %

Royalty Payments this Period

Previous Royalty Payments

Total Royalty Payments to Date

Percent Government Participation Repaid

NO CHANGE

Royalty Due on Production to Date

Royalty Remarks:

	Tons	Analysis
Original Estimate of DMEA Reserves (Field Team Final Report) Mines ☐ Survey ☐ Joint ☐		
Revised Estimate of DMEA Reserves (Field Team) Mines ☐ Survey ☐ Joint ☐	NO CHANGE	
Increase of Reserves by work performed subsequent to DMEA project work		
Production DMEA ore (This Period)		
(Previous)		
(To date)		
Operator's ore found subsequent to DMEA work (This period)	NO CHANGE	
(Previous)		
(To date)		

Percent Revised Reserves mined _____

Investment Data

Shafts			Winzes			Drifts & Crosscuts		
Size	Feet	Cost	Size	Feet	Cost	Size	Feet	Cost

Raises			Drilling			Rehabilitation	
Size	Feet	Cost	Type & Size	Feet	Cost	Description	Cost

NO CHANGE

Facilities

Mine Plant		Mill		Roads	
Description	Cost	Description	Cost	Description	Cost

Remarks

No additional work has been completed. Mining machinery has been moved from the workings.

Signed: FOR: Henry W. Jones (Engineer)

DMEA Form 18
Feb. 58

DEFENSE MINERALS EXPLORATION ADMINISTRATION

ANALYSIS OF SEMIANNUAL REPORT OF CERTIFIED PROJECT

Prepare in duplicate. File original in Official Docket. Send copy

To: Statistics Branch (Code 210)

From: Division of **Iron and Ferro-Alloys**

Report Period **1.1-6-30.57**

DMEA No.	Operator	Contract No.
3609	**T. N. T., Inc.**	**Idm-E787**

ORE ESTIMATES

	Tons	Analysis
DMEA	4,000	0.6 % WO_3
Operator to date	None	
Total	4,000	0.6 " "
Production to date	None	
Ore in ground	4,000	0.6 " "

INVESTMENT

Type	Size		Feet	Cost
Shafts				
Winzes				
Drifts and Crosscuts	-		120 "drifting and stoping"	- (See "Remarks")
Raises				
Drilling	Type			
Rehabilitation	Description			

FACILITIES

Mine Plant		
Mill		
Roads		

REMARKS

"Examination revealed about 120 feet of additional drifting and stoping completed since the final report was written. About 40 tons of ore was stockpiled on the dump and in the mine. No apparent shipments were made."

Carbon to W. Chamberlain

Prepared by Stephen P. Holt Date 3.11.58

31390

SEMI-ANNUAL REPORTS OF CERTIFIED PROJECTS

Reporting Period 1/1/57 - 6/30/57 Date of Examination 6/30/57

Operator TNT, Inc.

Mine Name TNT Mine (Mountain Queen Claims)

County and State Humboldt County, Nevada

Docket Number and Commodity DMEA-3609 (Tungsten)

Contract Number Idm-E 787

OFFICIAL FILE COPY
DMEA
RECEIVED AUG 5 1957

DATE	INITIALS	CODE
8/5	Corm	100

Date of Contract 4/21/55

Date of Certification 4/3/57

Expiration Date of Royalty Payments 4/21/65

Total Amount of Contract $23,002.50

Total Expenditures under Contract $13,737.50

Amount of Government Participation at 75% $10,303.12

Royalty Payments this Period None

Previous Royalty Payments None

Total Royalty Payments to Date None

Percent Government Participation Repaid None

Royalty Due on Production to Date None

Royalty Remarks: No production from the mine.

TNT, Inc. DMEA-3609 Idm-E 787

				Tons	Analysis
Original Estimate of DMEA Reserves (Field Team Final Report)	Mines [ ]	Survey [ ]	Joint [X]	4,200	0.6% WO_3
Revised Estimate of DMEA Reserves (Field Team)	Mines [ ]	Survey [ ]	Joint [ ]	No change	
Increase of Reserves by work performed subsequent to DMEA project work				None	
Production DMEA ore	(This period)			None	
	(Previous)			None	
	(To date)			None	
Operator's ore found subsequent to DMEA work	(This period)			None	
	(Previous)			None	
	(To date)			None	

Percent Revised Reserves mined None

Investment Data

Shafts			Winzes			Drifts & Crosscuts		
Size	Feet	Cost	Size	Feet	Cost	Size	Feet	Cost

Raises			Drilling			Rehabilitation	
Size	Feet	Cost	Type & Size	Feet	Cost	Description	Cost

Facilities

Mine Plant		Mill		Roads	
Description	Cost	Description	Cost	Description	Cost

Remarks

Examination revealed about 120 feet of additional drifting and stoping completed since the final report was written. About 40 tons of ore was stockpiled on the dump and in the mine. No apparent shipments were made.

Signed Henry W. Jones (Engineer)
Henry W. Jones

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
4/1	Holt	400
4/1	Martin	400
4-2	Chambers	800
		~~140~~
		~~140~~
4/3	Selbridge	130
"	Johnson	110
"	Mittendorf	100
		220

Lamb
Kilgaard

APR 4 - 1957

TNT, Inc.
c/o Getchell Mine
Box 366
Golconda, Nevada

Re: Docket No. DMEA 3609 - Tungsten
Mountain Queen Claims
Humboldt County, Nevada
Contract No. Idm-E787

Gentlemen:

Enclosed is a certification of discovery or development which covers all the land described in Article 2 of the contract.

By the terms of the Exploration Project Contract, as amended, and of the certification all minerals mined or produced from April 21, 1955, to April 21, 1965, are subject to the Government's percentage royalty as set forth in the contract until the sum of $10,303.12 is paid.

Payments should be made to Mr. Spangler Ricker, Executive Officer, DMEA Field Team, Region II, 1605 Evans Avenue, Reno, Nevada. Checks should be made to the Defense Minerals Exploration Administration. The purchaser should be advised to deduct royalties from the amount due on each shipment and forward check direct to the Executive Officer. Royalty payments to the Government should be accompanied by suitable evidence, such as settlement sheets, showing quantity and grade of the products sold, the name of the purchaser, and the price and charges certified to be correct by the purchaser.

You are requested to notify Mr. Spangler Ricker of any changes in ownership or production rights that might have any effect on the Government's right to its percentage royalty. Also, if production ceases at any time for any extended period, please notify Mr. Ricker at 6-month intervals that no production has been made, when that is the case.

Sincerely yours,

C. O. Mittendorf

Administrator

Enclosure

SPHolt:am 3-25-57 - 4-1-57
cc to: Docket
Code 400
Admr. Read. File
Oper. Comm.

cc to: Audit Div.
FT REG II
Messrs. F. E. Johnson
F. D. Lamb, Rm. 3608
R. W. Holliday, USBM
T. H. Kilgaard, USGS

8623

DMEA Form 7
(12-56)

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Date	Surname	Code
3/25	Holt	400
3/25	Martin	400
3-27	Chambers	800
	Martin	140
	Dwyer	140
		130
		110
		100
		220

TNT, Inc.
c/o Getchell Mine
Box 366
Golconda, Nevada

Re: Docket No. DMEA 3609 - Tungsten
Mountain Queen Claims
Humboldt County, Nevada
Contract No. Idm-E787

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Sincerely yours,

Administrator

Enclosure

cc to: T. H. Kilsgaard, USGS
FT REG II

cc to: Audit Div.
Messrs. F. E. Johnson
F. D. Lamb, Rm 3608
R. W. Holliday, USBM

SPHolt:am 3-25-57
cc to: Docket
Code 400
Admr. Read. File
Oper. Comm.

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(12-56)

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Date	Surname	Code
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3/29	Martin	400
3-27	Chambers	800
		140
		140
4/3	[illegible]	130
"	[illegible]	110
"	Mittendorf	100
		220

APR 4 - 1957

Mr. Clarence A. Fredell, Acting Director
Technical Services Division
Defense Materials Service
General Services Administration
7th and D Streets, S. W.
Washington 25, D. C.

Re: Docket No. DMEA 3609 - Tungsten
TNT, Inc.
Mountain Queen Claims
Humboldt County, Nevada
Contract No. Idm-E787

Lamb
Kielgaard

cc to: FT REG II
Messrs. F. E. Johnson
F. D. Lamb, USBM
R. W. Holliday, USBM
T. H. Kilsgaard, USGS

Dear Mr. Fredell:

Enclosed is a copy of a certification of discovery or development issued under the subject contract.

Contract No. Idm-E787 for the exploration of the Mountain Queen tungsten deposits was executed April 21, 1955. Expenditures up to $23,002.50 were authorized by the contract as amended, of which the Government's share at 75 percent was $17,252.00. Cost of the work completed was $13,737.50, of which the Government's share was $10,303.12.

The object of the exploration program was to test the possible tungsten occurrences in tactite along and near a contact between granodiorite and limestone. The program employed diamond drilling and adit drifting to explore the mineralized zone.

The contract, as amended, provided for 1,359 feet of diamond core drilling, 40 hours bulldozing access roads, drill sites and site for an adit portal, and 400 feet of drifting and crosscutting. Work completed comprised 459 feet of diamond drilling, 10 hours of bulldozing, and 325 feet of drifting.

Reserves of tungsten ore discovered by project work are estimated as 4,000 tons of inferred ore averaging 0.6 percent tungsten trioxide (WO_3), with a few tons of measured ore averaging 0.56 percent WO_3, and a few hundred tons of indicated ore, implied to average 0.5 percent WO_3 or better.

SPHolt:am 3-25-57
cc to: Docket
Code 400
Admr. Read. File
Oper. Comm.
Audit Div.

Sincerely yours,

C. O. Mittendorf

Administrator

Enclosure

8623

IN REPLY REFER TO:

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

RECEIVED JAN 17 1957

DATE	INITIALS	CODE
1-17	Cw	230
		225

January 16, 1957

Re: DMEA 3609 Idm-E787
T. N. T. Inc.
T. N. T. Inc. Mine
Humboldt County, Nevada
$23,002.50 - 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

A contract approving the expenditure of $23,002.50 was awarded, approving the exploration by drilling, drifting and/or crosscutting of an outcropping of scheelite-bearing silicated limestone.

One diamond drill hole encountered low grade material, but a second hole showed 5.2 feet of 0.42% WO_3 material. Following the drilling a 334-foot adit was authorized and driven to intersect the plug like body of silicated limestone at approximately the same horizon as the scheelite-bearing material cut in Drill Hole No. 2. The adit although only a few feet from the drill hole failed to show other than low grade mineralization, and the work was stopped, a total of $13,737.50 having been expended.

Because scheelite-bearing material was cut in the drill hole and a means provided for mining the ore exposed in the open cut, the examiners and the Field Team recommended that certification be made.

I concur with the recommendation.

N. E. Nelson

N. E. Nelson

DMEA
FILE COPY
DMEA
RECEIVED JAN 18 1957
DATE | INITIALS | CODE
1-18 | C | 220
225

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

1605 Evans Avenue
Reno, Nevada

January 15, 1957

Memorandum

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMEA-3609 (Tungsten)
TNT, Inc.
Mountain Queen Claims
Humboldt County, Nevada
Contract No. Idm-E 787
(Your letter dated January 10, 1957)

Since October 17, 1956, we have had no correspondence with the Operator on subject contract. Mr. Potter, however, telephoned from Lovelock, Nevada, about six weeks ago and requested information as to how the contract could be assigned to a new Operator. I advised Mr. Potter that the contract completion date had expired but that we would be pleased to consider an extension of time if we received a formal request from him and the expectant new Operator. Since that time, I have had no contact with Mr. Potter.

On December 3, 1956, our engineer, Mr. H. W. Jones, visited the property. About 20 feet of additional work had been done. The miner in charge stated he was working for Mr. Harvey Fellow, Ran-Rex Mining Company, Bountiful, Utah. No shipments or ore had been made nor were expected to be made unless Getchell resumes custom work.

The additional 9 feet of drifting, mentioned in my memorandum of October 17, 1956, to Mr. Mavor, had been

done before the expiration date of the contract.

I would recommend that the project be terminated and that a certification be made. At the same time of certification, the TNT, Inc., C/o Getchell Mine, Box 366, Golconda, Nevada, as well as Mr. E. H. Potter, superintendent of TNT, Inc., should be reminded of their obligations regarding royalties and that any other parties, to whom property may be leased, should be advised of such obligations. Mr. Jones had verbally informed the miner at the Mine, at the time of his visit, of the obligation to the Government. In the meantime, we shall keep abreast of any current developments.

S. Ricker

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
1/7		400
1/9		130
1/9		110
		~~100~~
1-10		220
		225

JAN 10 1957

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

Re: Docket No. DMEA 3609 - Tungsten
TWT, Inc.
Mountain Queen claims
Humboldt County, Nevada
Contract No. Idm-E787

Dear Mr. Ricker:

We have no word on the subject termination since your memorandum of October 17, 1956, to Mr. Mavor stating that you intended to terminate. Please advise what has happened since that date, with your recommendation. Because of certain complications we believe the termination should be prepared in this office.

Also please advise whether the additional 9 feet of drifting mentioned in your memorandum of October 17 was completed before or after the expiration date of the contract.

We are making a certification of this project as recommended in the Final Report of the Field Team, with your concurrence.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

APPROVED:

O. M. Bishop

Member, Bureau of Mines

Thor H. Kiilsgaard

Member, Geological Survey

SPHOLT:foc 1/7/57
cc to: Docket
Code 400
Admr. Read. File
Oper. Comm.
FT. REG. II
Messrs. R. W. Holliday, USBM
T. H. Kiilsgaard, USGS

8623

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DATE	INITIALS	CODE
1-8	C	220

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

Date January 4, 1957

DMEA Docket No. 3609
DMEA Contract No. IDM-E787
Commodity Tungsten
Name of applicant T.N.T., Inc.
Name of property T.N.T. mine (Mountain Queen claims)
Location of property Humboldt County, Nevada
Estimated cost of project

Memorandum

To: W. S. Martin, Chief, Iron and Ferroalloys Division-DMEA
Through: Chief, Br. of Ferrous Metals & Ferroalloys

From: R. W. Holliday, Commodity Specialist, Branch of Ferrous Metals & Ferroalloys

Subject: Review of Field Team Final Report
(Application, Field Team Report, etc.)

1. Date of subject document: 12/10/56. 2. Date received by reviewer: 12/20/56.
3. Prior reports on this property known to reviewer: Yes [ ] No [x]
4. Prior reports on nearby properties known to reviewer: Yes [ ] No [x]
5. Information available on past production: Yes [ ] No [x]
6. Other pertinent factors known to reviewer: Yes [ ] No [x]
7. Explain items marked yes above:

8. Factors needing special consideration:
a. Location [ ]
b. Ownership [ ]
c. Evidence of mineralization [ ]
d. Geology [ ]
e. Proposed exploration method [ ]
f. Alternate exploration method [ ]
g. Costs [ ]
h. [ ]

9. Action advised:
a. Obtain information from applicant [ ]
b. Refer to Field Team [ ]
c. Denial [ ]
d. Agree with Field Team [x]
e. Disagree with Field Team [ ]
f. Suggest alternate plan [ ]
g. Request another examination [ ]
h. Approval [ ]
i. Consult with Mr. _____ at _____ AEC office.

10. Remarks: (Use back of page if necessary) Subject report recommends certification of discovery based on an inferred 4,000 tons of ore averaging 0.6 percent WO_3.

R. W. Holliday

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

RECEIVED
DEC 17 1956
D.M.E.A.

1605 Evans Avenue
Reno, Nevada

December 14, 1956

Memorandum

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMEA-3609 (Tungsten)
T. N. T. Inc. Mine
Humboldt County, Nevada
Contract No. Idm-E787

Enclosed are four copies of our final report on subject contract by H. W. Jones, Bureau of Mines and R. G. Reeves, Geological Survey in which the issuance of a certificate of discovery is recommended.

Roscoe Smith and I concur in the recommendation.

S. Ricker

Encl.

Reviewed by
DMEA OPERATING COMMITTEE
12-21-56

ACTION ON INTERIM 3609
OR FINAL FIELD TEAM REPORT
Date 12-21

Referred to:

1. ~~Mr. Mitchnoory~~
2. ~~[illegible]~~
3. ~~Mr. Chambers~~
4. ~~Docket Control Mails and Files~~
5. Division
6. Docket Control Mails and Files

Note comments in report regarding:

1. Inferred ore reserves
2. Certification recommended.
3.
4.

and take appropriate action.

- - - - - - - -

Action taken by Division:

Robert E. Adams

FINAL FT. R

BUREAU OF MINES
WASHINGTON, D.C.
DEC 17 9 24 AM '56

UNITED STATES
DEPARTMENT OF THE INTERIOR
FRED A. SEATON, SECRETARY

RECEIVED

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION II

FINAL REPORT

DMEA-3609, Idm-E787 (Tungsten)
T.N.T., Inc.
T.N.T. mine (Mountain Queen claims)
Humboldt County, Nevada

by

H. W. Jones
U. S. Bureau of Mines

R. G. Reeves
U. S. Geological Survey

December 10, 1956

Reviewed by
DMEA OPERATING COMMITTEE
12-21-56
(date)

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DEC 1 1956
DMEA

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Introduction	1
Conclusions and Recommendations	1
Location, Accessibility, and Local Facilities	2
Property	3
The DMEA Project	3
Geology	5
Ore Deposits	6
Sampling	8
Ore Reserves	8

ILLUSTRATIONS

Figure 1 . . . . . Index map

2 . . . . . Geologic map

3 . . . . . Adit and Sections

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INTRODUCTION

The T.N.T. mine, Mountain Queen claims, Humboldt County, Nevada, was explored by T.N.T., Inc., Post Office Box 366, Golconda, Nevada, in cooperation with the Defense Minerals Exploration Administration, docket DMEA-3609, contract Idm-E787 dated April 21, 1955. The purpose of the project was to explore for scheelite ore bodies in tactite along the downward continuation of a contact between limestone and granite by diamond drilling and underground exploration. Financial difficulties of the operator led to the termination of the project before it was completed. Two diamond drill holes encountered scheelite-bearing tactite. An adit driven underneath surface workings to further explore this zone disclosed only small pods of scheelite-bearing tactite below ore grade. Diamond drilling started June 22, 1955 and was completed July 12, 1955. An amendment to the contract, dated October 14, 1955, permitted additional drilling and drifting. Work started on this phase November 1, 1955 and was discontinued incomplete March 22, 1956.

An examination to map the workings was made October 12, 1956 by R. G. Reeves, U. S. Geological Survey.

CONCLUSIONS AND RECOMMENDATIONS

The favorable area was partly explored by the diamond drilling and underground work. To adequately explore the area the 50 feet of

crosscutting as proposed in the amendment to the contract should be completed; however, this small amount of work can be done by a financially sound operator without Government assistance.

As a result of Government assistance, some ore of commercial grade was discovered. Ore in the surface pit was made more accessible, as it can be mined from underground through a raise from the adit. It is therefore recommended that a Certificate of Discovery be issued. It is further recommended that no further Government assistance be granted due to the small size and discontinuous nature of the ore bodies, which limits possibilities of making additional significant discovery of ore.

No ore was produced from the property during the contract and no royalties are due the Government.

LOCATION, ACCESSIBILITY, AND LOCAL FACILITIES

The Mountain Queen claims are in sec. 32, T. 39 N., R. 42 E., M.D.B.&M., Potosi mining district, Humboldt County, Nevada, on the east slope of the Osgood Mountains at an altitude of 6,500 feet.

The mine is 1.2 miles northwest of the Getchell mill and above the Getchell open pit. The mine is reached by travelling easterly from Winnemucca on U. S. Highway 40 for 18 miles, 2 miles beyond Golconda, turning north on State Highway 18 for 14 miles, thence left on an improved gravel road 12.8 miles to

Getchell. The unimproved road from the Getchell mill to the T.N.T. mine is often closed by snow and mud. The last half mile has grades of 25 percent and is accessible only to vehicles with extra low gear ratios.

Mine equipment, lumber, and supplies can be obtained in Winnemucca and to a limited extent at the Getchell mine warehouse. The nearest source of water is the Getchell mine. Housing is sometimes available at the Getchell mine townsite.

PROPERTY

A roadway was constructed by the operators to their open pit which is approximately 30 feet deep, 60 feet wide, and 80 feet long, and from which ore was mined and milled prior to the DMEA work. During 1954 a total of 604 dry tons of ore averaging 0.87 percent WO_3 was treated at the Getchell mill. The gross proceeds of the 526.2 recovered units amounted to $19,365.22. There has been no production since December 22, 1954.

The corporation holds 13 unpatented lode claims by right of location, of which only the Mountain Queen Nos. 6, 7, 12, and 13 are included in the project area.

THE DMEA PROJECT

Work proposed under the terms of the exploration contract was to diamond drill two holes not less than AX size for a total of 600 feet. The location, direction, inclination, and length of each

hole was subject to prior written approval of the Government.

The drill hole sites were laid out and drilling started June 22, 1955. Two holes totalling 459 feet were completed by July 12, 1955. Ore was cut in both holes. As a result the operators requested and were granted Amendment No. 1 which allotted funds for a new Stage II.

Amendment No. 1 work was to consist of two phases to be performed concurrently as follows: bulldoze access roads to drill sites for four additional diamond drill holes and for an adit site; diamond drill not in excess of 900 feet of holes in locations specified; drive an adit approximately 350 feet in length under the surface pit, and drive 2 crosscuts totalling 50 feet along mineralized sections in the adit.

Bulldozing for an adit site under phase 2 started November 1, 1955 and crosscutting started November 10, 1955. The adit was driven north for 334 feet but the operators claimed only 325 feet. A 4-foot slab round was broken from the granite footwall on the east side of the adit face.

The adit cut hornfels and granite (fig. 3). The hornfels contains a few erratically distributed pods of scheelite-bearing tactite that are below ore grade. Phase 1 diamond drilling was not

done. No work was done after March 22, 1956 and part of the machinery was removed. Several unsuccessful attempts were made to contact the operators to determine their intentions.

Expenditures

Total approved cost		$23,002.50
Stage I		
459 ft. diamond drilling @ $7.50/ft.	$3,442.50	
Assaying 12 samples @ $5.00/ea.	60.00	
Total, Stage I		$ 3,502.50
Stage II Phase 2		
Bulldozing, 10 hrs. @ $16.00/hr.	$ 160.00	
Driving adit 325 ft. @ $31.00/ft.	10,075.00	
Total, Stage II		$10,235.00
Total expenditures, Stages I and II		$13,737.50
Government's share of cost at 75 percent		$10,303.13
Government's share unexpended		$ 6,948.87

No production was maintained during the course of the project and there are no royalties due the Government.

GEOLOGY

The Mountain Queen claims are on a contact between granodiorite and sedimentary rocks, at the north end of the Osgood Range. The sedimentary rock in this part of the range is principally shale of Middle Cambrian age, containing a few quartzite and limestone beds as much as 200 feet thick and a few discontinuous limestone lenses. These rocks have been intruded by a granodiorite stock about 8 miles

long and 2 miles wide which forms the core of the range. Near the contact the shales have been metamorphosed to hornfels and the limestones have been silicified or metamorphosed to tactite. Most of the tactite bodies contain scheelite, and a few large tungsten deposits and several smaller ones border the stock[1/].

1/ Hobbs, S. W., and Clabaugh, S. E., 1946, Tungsten deposits of the Osgood Range, Humboldt County, Nevada: Univ. Nev. Bull. Vol. XL, No. 5, Pl. 1.

The Mountain Queen claims cover a section of the contact along the northwest side of the granodiorite stock. In this area the metamorphic rocks are argillaceous hornfels which contain discontinuous lenses of limestone and limy hornfels. In general the bedding strikes northerly and dips steeply and the beds are truncated by the granodiorite, but on the Mountain Queen No. 6 claim almost all attitudes of bedding have been observed, and it is unsafe to project strikes or dips more than a few feet.

ORE DEPOSITS

Scheelite showings on the Mountain Queen No. 6 claim described herein, are the same ones examined in 1954 in

response to application DMEA-3203, under the name Mountain Queen No. 5.

The ore body revealed in the open pit on the Mountain Queen No. 6 claim is in a limestone lens about 50 feet wide and 100 feet or more long which occupies an embayment in the granodiorite (fig. 2). Parts of the limestone contain disseminated pyrite and other parts contain disseminated scheelite, but the ore is a lens about 5 feet wide of silicated limestone which contains both scheelite and pyrite. In a few places scheelite also occurs finely disseminated in hornfels near the granodiorite contact.

The limestone does not everywhere contain scheelite; the ore that has been mined is reported to have come from a horizontal layer about 20 feet below the surface. The ore body trends generally north and is surrounded by a halo of gossan-like material composed of iron oxide and silica, which is locally called "capping." This "capping" appears to underlie, overlie, and cut through parts of the ore body. Scheelite ore is reported to have been exposed on the surface above the pit in a very small outcrop. (DMEA-3203, Sample BM-532.) Most of the ore has come from the bottom 6 or 8 feet of the pit, and two 180-foot vertical drill holes in the bottom of the pit are reported to be all in ore averaging 0.5 percent WO_3 or better.

map above
18'

The best ore that was mined contained from 1 to 1.5 percent WO_3. Total production from this pit is said to be 604.7815 tons averaging 0.87 percent WO_3 which grossed $19,365.22.

SAMPLING

Samples were taken from core at drill hole No. 1; these assayed less than 0.01 percent WO_3. Drill hole No. 2 assays are as follows:

Sample No.	Interval, feet From	Interval, feet To	Percent WO_3
1599	146.0	146.5	<0.01
1600	147.8	149.0	0.45
1601	149.0	151.0	0.11
1602	151.0	153.0	0.38
1603	153.0	154.5	0.44

Two samples taken of mineralized areas in the adit assayed as follows:

Sample No.	Width, feet	Percent WO_3	Remarks
277	3.0 vert.	0.21	Taken across best showing in watercourse 35-ft. point.
279	4.0 vert.	0.02	Taken across tactite at 55-ft. point.
294	4.0 horiz.	0.02	Slight mineralized zone near granite contact.

ORE RESERVES

Measured reserves of a few tons averaging 0.56 percent WO_3 are revealed around the edge of the pit on Mountain Queen No. 6 claim, and indicated reserves of a few hundred tons may be found below the

pit. The ore body may extend to a depth of 100 feet below the pit in a block 50 by 100 feet. By assuming a tenth of this block is ore, 4,000 tons averaging 0.6 percent WO_3 is inferred.

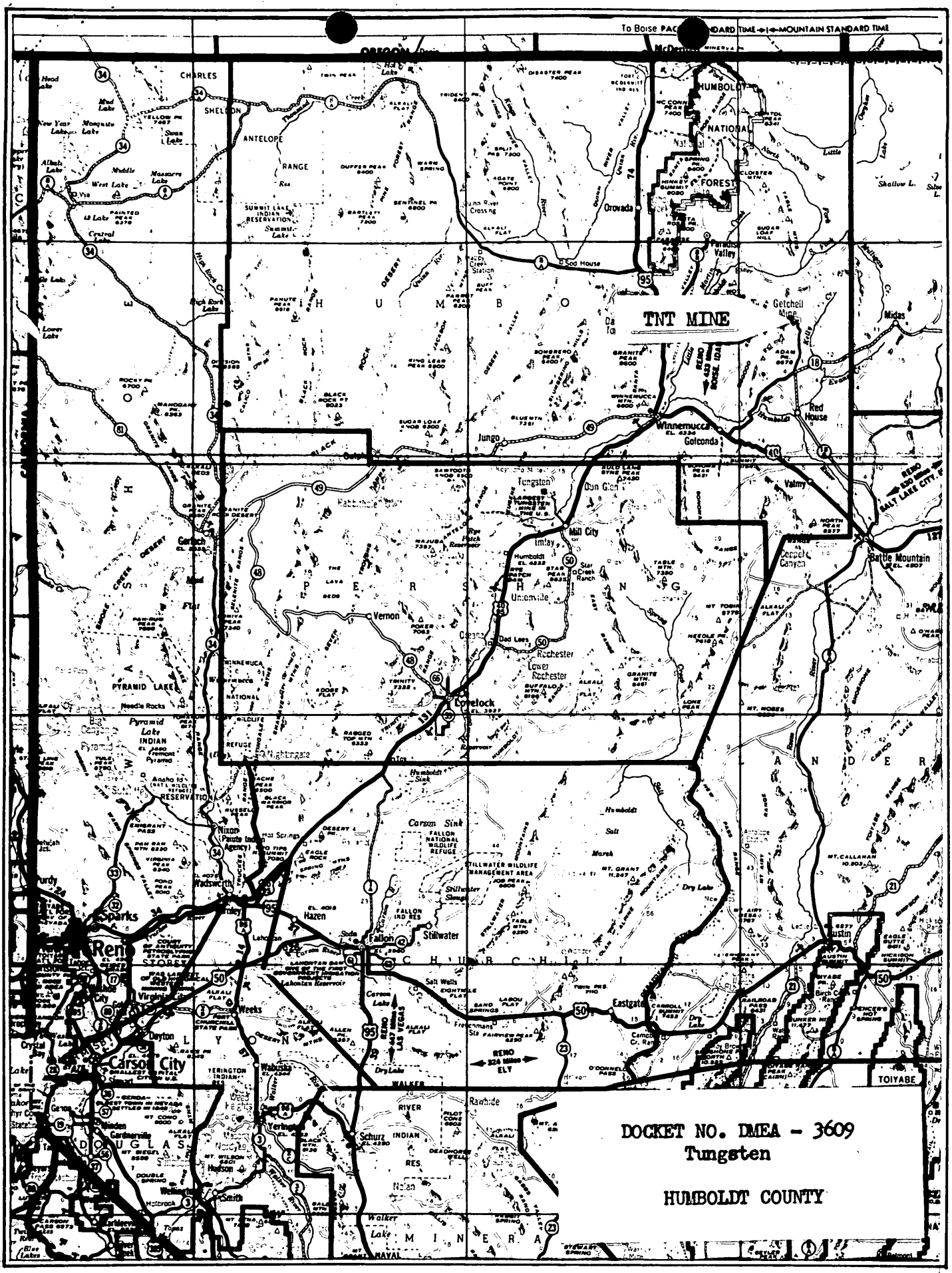

Figure 1 LOCATION MAP NEVADA

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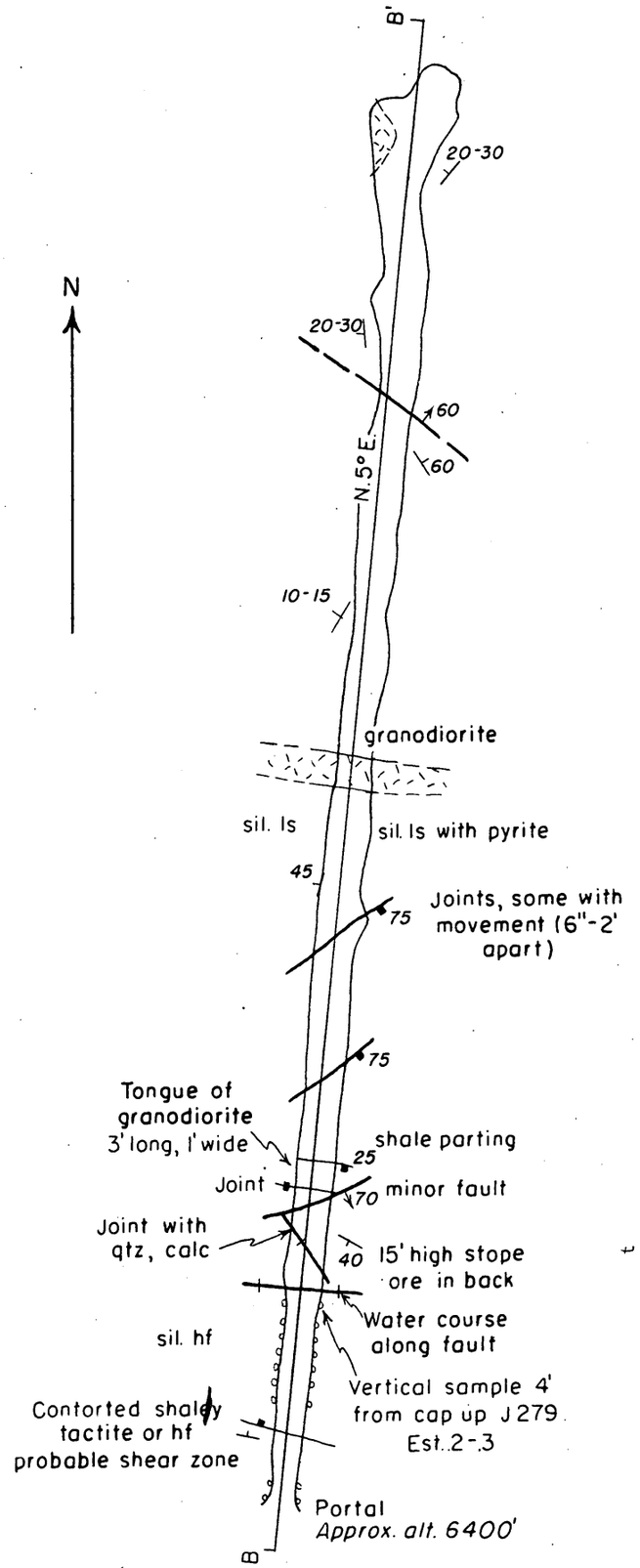
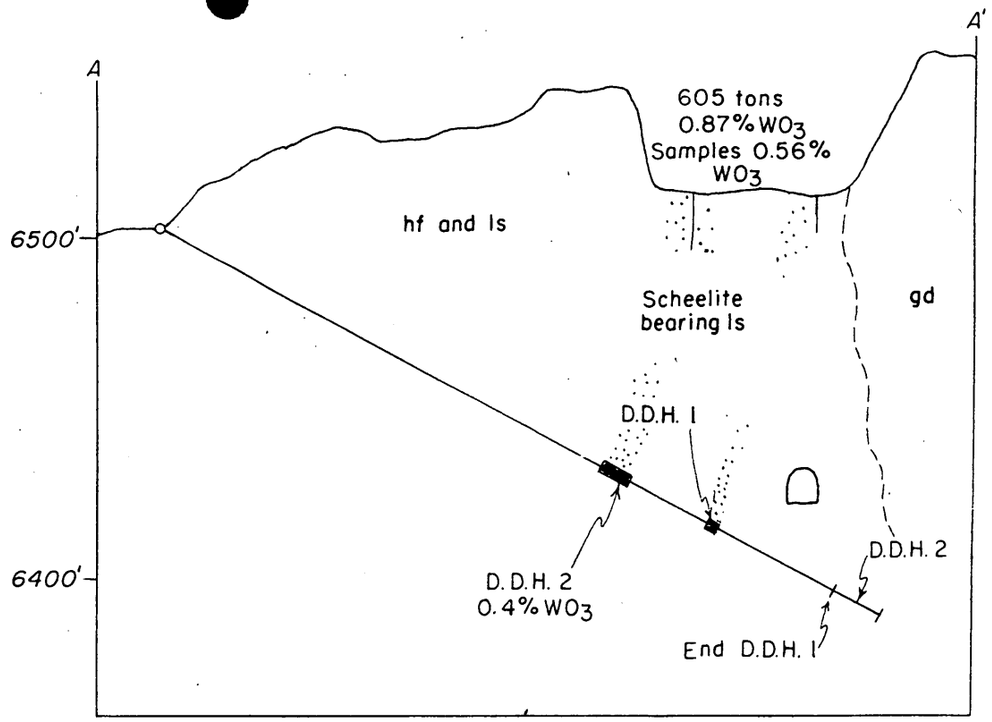
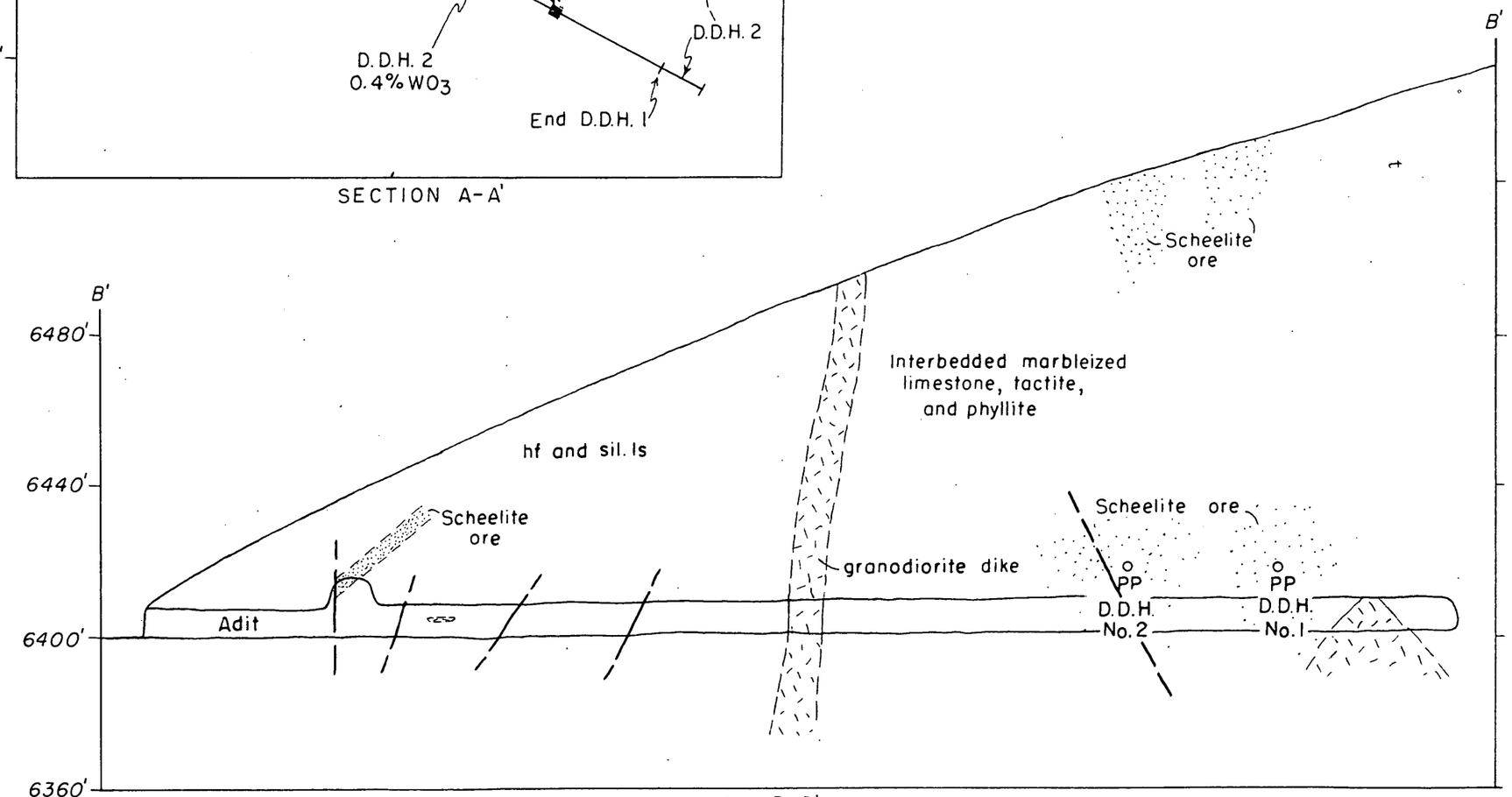
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA 3609
Idm E-787
(TUNGSTEN)





SECTION A-A'



SECTION B-B'

TNT MINE, HUMBOLDT COUNTY, NEVADA

40 0 40 80 Feet

Figure 3.

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U.S. DEPT. OF AGRICULTURE

Talbert

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

NOV - 7 1956

Mr. George Mayer
DMEA Auditor
420 Custom House
555 Battery Street
San Francisco 11, California

Re: Idm-E767, DMEA-3609
TNT Inc.
TNT Mine
Humboldt County, Nevada

Dear Mr. Mayer:

Your letter of November 1, 1956, requests advice as to the Government's liability for contribution to 9 feet of cross-cutting not claimed by the Operator.

A liability does exist but, in view of the circumstances in this case as stated in your letter, it appears proper that your Report of Review should give no consideration to the unclaimed footage. In the unlikely event that the Operator subsequently claims the additional amount an appropriate revision may be made at that time.

Sincerely yours,

(Signed) E. D. Talbert

E. D. Talbert, Acting Chief
Contract Administration
and Audit Division

EDTalbert/wb
November 7, 1956

Copy to: Docket
Admr. Reading File
Mr. Chambers

RCS.

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

RECEIVED
OCT 23 1956

1605 Evans Avenue
Reno, Nevada

October 17, 1956

Memorandum

To: George Mavor, DMEA Auditor, Region II

From: Executive Officer, DMEA Field Team, Reg. II

Subject: Docket No. DMEA-3609 (Tungsten)
TNT Inc. Mine
Humboldt County, Nevada
Contract No. Idm-E 787

We have not been able to contact the Operator of subject contract since receipt of his monthly MF-104, MF-104A vouchers for February, 1956.

We had been billed for 325 feet of advance at that date. Since that date, there has been an advance of nine feet additional, for which there has not been a request for payment. Inasmuch as the Operator cannot be contacted and completion date has long since expired, I do not believe an effort should be made to make payment. We intend to terminate the contract.

I believe your final Report of Review can be completed.

S. Ricker

SRicker:ft
c c: Finance Office, Reg. II
Opr. Com., DMEA, Wash. D. C.
RMSmith
File

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

1201

SYMBOLS

DL = Day Letter

NL = Night Letter

LT = International Letter Telegram

The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

10A258 1956 OCT 4 PM 4 57

3609

O REA277 NL PD=RENO NEV 4=

DEFENSE MINERALS EXPIRATION ADMN=

INTERIOR BLDG WASHDC=

REURTEL DOCKET NUMBER DMEA3609 TNT NO NARRATIVE REPORT ON MF-104, MF-104A FORMS SUBMITTED SUBSEQUENT TO FEB 1956. CERTIFICAE OF DISCOVERY WILL BE RECOMMENDED=

S RICKER=.

RECEIVED OCT - 5 1956

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

INTERIOR DEPARTMENT
Defense Minerals Exploration
Administration
14X4401, Revolving Fund, Defense
Production Act, Interior
(Allocated Working Fund to the Office
of the Secretary)

DOCKET
SURNAME
Holt
Martin
Chambers
Mittenday

OCT - 4 1956

MR. SPANGLER RICKER, EXECUTIVE OFFICER
DMEA FIELD TEAM, REGION II
1605 EVANS AVENUE
RENO, NEVADA

REOURLET SEPTEMBER 7 CONCERNING DOCKET NO. DMEA 3609, TNT. WE MUST TERMINATE GOVERNMENT'S OBLIGATION UNDER CONTRACT EITHER BY MUTUAL AGREEMENT OR UNILATERALLY BEFORE WE CAN DEMAND OPERATOR'S FINAL REPORT. PLEASE ADVISE WHETHER OPERATOR HAS SUBMITTED MF-104, MF-104A, AND NARRATIVE REPORTS FOR ANY MONTH SUBSEQUENT TO FEBRUARY 1956.

George C. Selfridge
by C. O. Mittenday
CHAIRMAN, OPERATING COMMITTEE

SPHOLT:foc
10/4/56
cc to: Docket
Code 400
Admr. Read. File
Operating Comm.
FT. REG. II
Messrs. R. W. Holliday, USBM
T. H. Kiilsgaard, USGS

R.C.K.

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

RECEIVED
OCT - 4 1956

1605 Evans Avenue
Reno, Nevada

Oct. 2, 1956

T. N. T., Inc.
C/o Getchell Mine
Box 366
Golconda, Nevada

Re: Docket No. DMEA-3609 (Tungsten)
T. N. T., Inc. Mine
Humboldt County, Nevada
Contract No. Idm-E 787

Gentlemen:

In lieu of a reply from you to our letters dated August 1, 1956, and May 15, 1956, we assume that you do not intend to complete the work under referenced contract.

Will you, therefore, submit the Operator's Final Report in accordance with Article 6, Item (c) of the contract? Five copies of the report should be submitted.

Very truly yours,

S. Ricker
Executive Officer
DMEA Field Team, Region II

SRicker:ft
cc: Opr. Com., DMEA, Interior Bldg., Wash., D.C.
Finance Office, Region II
Geo. Mavor
RMSmith
File

BUREAU OF MINES
WASHINGTON, D. C.

OCT 4 9 35 AM '56

DOCKET
Surname:
Chapman
Marion
Selfridge
Fletcher

400

SEP - 7 1956

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

Re: Docket No. DMEA-3609, Tungsten
TNT, Inc.
Mountain Queen claims
Humboldt County, Nevada
Contract No. Idm-E787

Dear Mr. Ricker:

Reference is made to your letter of August 1, 1956, to the above-noted corporation, concerning the possibility of resumption of work on the subject project.

Apparently the Operator has not replied to your letter and does not plan to complete the project. We, therefore, believe it would be advisable to ask for the Operator's Final Report, and to submit your Final Report, in order that we may terminate the project.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

Frank D. Lamb

Member, Bureau of Mines

N. E. Nelson

Member, Geological Survey

cc: Docket
Code 400
Oper. Committee
Adm. Read. File
T. Kiilsgaard, USGS
R. W. Holliday, USBM
FT, Region II

TLChapman/ls
8/31/56

P. S. - If the Operator submitted vouchers for March or any subsequent month, please send us the Forms 104-A pursuant to Operating Committee Special Notice No. 192 of March 20, 1953.

R.G.S.

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

RECEIVED
AUG - 3 1956

1605 Evans Avenue
Reno, Nevada

August 1, 1956

T. N. T. Incorporated
c/o Getchell Mine
Box 366
Golconda, Nevada

Re: Docket No. DMEA-3609 (Tungsten)
TNT Inc. Mine
Humboldt County, Nevada
Contract No. Idm-E787

Gentlemen:

The completion of work date on referenced contract expired June 21, 1956.

If you are unable to complete the work according to contract will you please advise us at your earliest convenience so that we can prepare a mutual termination agreement. If you intend to resume work in the immediate future, we will consider giving you upon request an extension of time for completion of contract. This request should give us an approximate starting date.

Very truly yours,

S. Ricker
Executive Officer
DMEA Field Team, Region II

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

cc: E. H. Potter
Box 173
Battle Mountain, Nev.

E. H. Potter
Box 366
c/o Getchell Mine
Red House, Nevada

DMEA

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

RECEIVED
MAY 17 1956

1605 Evans Avenue
Reno, Nevada

May 15, 1956

Memorandum

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMEA-3609 (Tungsten)
TNT Inc. Mine
Humboldt County, Nevada
Contract No. Idm-E787

Attached are four copies of Interim Report by H. W. Jones on subject contract and two copies of my letter to the Operator requesting information on his plans toward completing the work in accordance with the contract.

S. Ricker

Attach.

INTERIM REPORT

RECEIVED
MAY 17 1956

DMEA-3609 (Tungsten) May 15, 1956
TNT, Inc.
TNT Mine (Mtn Queen claims)
Humboldt County, Nevada
Contract No. Idm-E787

The mine was visited May 10, 1956. Work since the last inspection of March 22 consisted of blasting and mucking a single round from the east side of the crosscut along the granite-tactite contact. There was very little showing of scheelite and no samples were taken. Sample No. 294 taken across the 4.0 feet of tactite during the previous visit assayed 0.02 WO_3.

No one was at the mine camp or the working and most of the machinery was removed. Mr. Potter, the operator, could not be located in Battle Mountain, Nev.

Henry W. Jones

Henry W. Jones
Mining Engineer

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

RECEIVED
MAY 17 1956

1605 Evans Avenue
Reno, Nevada

May 15, 1956

Mr. E. H. Potter, Supt.
c/o Getchell Mine
Box 366
Golconda, Nevada

Re: Docket No. DMEA-3609 (Tungsten)
TNT Inc. Mine
Humboldt County, Nevada
Contract No. Idm-E787

Dear Mr. Potter:

Would you please advise us on your intention towards completing the work outlined in referenced contract. According to our engineer's report on his visit to the property on May 10, 1956, the mine was inactive and some of the equipment had been removed.

Very truly yours,

S. Ricker
Executive Officer
DMEA Field Team, Region II

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

RECEIVED
APR 5 - 1956

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 4/2/56

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Wash., D.C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Interim Inspection Report

Attached are four copies of Interim Report on

Docket No. DMEA-3609

Contract No. Idm-E787

Commodity Tungsten

Operator TNT, Inc.

Property TNT Mine (Mtn. Queen claims)
Humboldt County, Nevada

By Henry W. Jones

Dated 4/2/56

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

BUREAU OF MINES
WASHINGTON, D. C.

APR 5 9 28 AM '56

RECEIVED
APR 5 - 1956

INTERIM REPORT

Docket No.: DMEA-3609 (Tungsten) April 2, 1956

Name and address of operator: TNT Inc.
c/o Getchell Mine
P. O. Box 366
Golconda, Nevada

Name and location of property: TNT Mine, (Mtn. Queen claims)
Humboldt County, Nevada

Contract No.: Idm-E787

The mine was inspected March 22, 1956 to determine the work progress since the previous visit of February 7, 1956. The adit was driven an additional 96 feet for a total advance of 334 feet. A thin tactite structure with erratic scheelite mineralization was encountered at 328 feet, adjacent to the granite footwall at the face. Irregular bands of hornfels occur along the footwall edge of the tactite. Mineralization appeared stronger on the east side of the crosscut. Therefore, drifting was recommended along the tactite in that direction. One sample was cut along the east wall, but results have not yet been received.

Work is again at a standstill due to lack of miners and capital. The Operator expects to resume drifting in the immediate future.

Henry W. Jones
Mining Engineer

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
MAR 20 1956

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of [illegible], 1956 Docket No. DMEA [illegible] Contract No. [illegible]
Operator's Name [illegible] Minerals [illegible]
Address [illegible]
Contract Amount, $ [illegible] Government Participation: 75 % Amount, $ [illegible]

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY WSay		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling		[illegible]	[illegible]			
Bulldozing		[illegible]	[illegible]			
Crosscutting	[illegible]	[illegible]	[illegible]	[illegible]		
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment		[illegible]	[illegible]			
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
Totals	[illegible]	[illegible]	[illegible]			

I certify that the above bill is correct and just and that payment therefor has not been received.

Date 3/5/56 *Payee J. M. I. Inc.

Per E. H. Pattie Title Supt.

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—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.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 2092.50

Signature
(Authorized Certifying Officer)

Date MAR 20 1956 Vou. No. SF-DMCA-30

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E787 in accordance with the terms of the contract.

Signature Henry W. Jones Title Mining Engineer Date 3/7/56

Henry W. Jones

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] Title Executive Officer Date 3/7/56

S. Ricker

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

DMEA SECRETS MAR - 1956
RECEIVED
MAR 26 1956

Month of February 1956 Docket No. DMEA 3609 Contract No. DMA-E-787
Operator's Name T. N. T. Inc. Minerals Tungsten
Address Box 366, Getchell Mine, Golconda, Nev.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting								
Crosscutting	Ft.	$2790.00	90ft.	$10075.00	325	$31.00	400	$31.00
Raising								
Shafts								
Winzes								
Drilling: Core								
Rock, casin & cement Churn	Ft.			$ 342.50			900	6.50
							200	2.00
Auger								
Stripping Bulldozing	Hr.	///////////	///////	$ 160.00			40	16.00
Trenching								
Test Pits								
Roads and Trails								
Sampling & analysis	sample			$ 60.00			42	5.00
TOTAL DISTRIBUTED COSTS		$2790.00		$13737.40				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased					Stage 1 Completed			$3502.50
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$2790.00		$13737.40				$23002.50

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date 3/5/56 Operator T N T Inc.
Per E H Potter Title Supt.

REMARKS:

NOTE.—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.

(Instructions on reverse)

(For Government use only)

Henry W. Jones

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

The tunnel is now in 325 ft. The limestone formation continued until we reached 275 ft then we crossed a fault zone and the formation then changed to hornblende. The last 25 ft shows some scheelite and in the face the granite contact shows about 4 ft from the bottom There is now about 5 or 6 ft of ore showing on top of the contact, but we have no assays to date, however it looks about .40

E H Gotter

✓ DMEA

RECEIVED
FEB 20 1956

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 2/17/56

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Wash., D.C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Interim Inspection Report

Attached are four copies of Interim Report on

Docket No. DMEA-3609

Contract No. Idm-E787

Commodity Tungsten

Operator TNT, Inc.

Property TNT Mine, Humboldt Co., Nev.

By Henry W. Jones

Dated 2/15/56

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
FEB 20 1956

INTERIM REPORT

Docket No.: DMEA-3609 (Tungsten) February 15, 1956

Name and address of operator: TNT, Inc.
c/o Getchell Mine
P. O. Box 366
Golconda, Nevada

Name and location of property: TNT Mine (Mtn. Queen Claims)
Humboldt County, Nevada

Contract No. Idm-E787

The mine was visited February 7, 1956 to determine advance under terms of the contract. The adit face was 238 feet from the portal, which was a 65 foot advance since the inspection of January 9, 1956. A granite tongue was intersected from 170 to 179 feet, and the remaining 59 feet of adit was in hard silicified limestone. Considerable amounts of banded pyrite was noted at and near the face, but no scheelite was observed.

Work was at a standstill for the week prior to the visit due to lack of miners. Plans are to resume crosscutting within the week.

Henry W. Jones
Mining Engineer

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of January, 1956 Docket No. DMEA 309 Contract No. DMEA 707
Operator's Name T.N.T. Inc. Minerals Tungsten
Address Box 344, Gatchell Mine, Golconda, Nevada
Contract Amount, $23,002.50 Government Participation: 75 % Amount, $17,252.00

RECEIVED FEB 20 1956

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY (WGM): Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling		$342.50	$342.50			
Bulldozing		140.00	140.00			
Crosscutting	$2,480.00	$4,805.00	$7,285.00			
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	-	$60.00	$60.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$2,480.00	$6,407.50	$8,887.50	2,480.00	8,467.50	10,947.50

I certify that the above bill is correct and just and that payment therefor has not been received.

Date 2/2/56 *Payee T.N.T. Inc.

Per E. A. Gatter Title Superintendent

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—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.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 1868 00

Signature
(Authorized Certifying Officer)

Date Vou. No. SF-DMCA-29

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E787 in accordance with the terms of the contract.

Signature Henry W Jones Title Mining Engineer Date 2/10/56

Henry W Jones

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [signature] Title Executive Officer Date 2/10/56

S. Ricker

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

ACCOUNTS

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED FEB 13 1956

OPERATOR'S UNIT COST AND PROGRESS REPORT

RECEIVED FEB 20 1956

Month of January 6 1956 Docket No. DMEA 3609 Contract No. DMI-2787

Operator's Name T.N.T. Inc. Minerals Tungsten

Address Box 36, Getchell Mine, Golconda, Nevada

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
	Ft.	$2480.00	80	$7285.00	235	$31.00	400	$31.00
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes	Ft.	None	None	$3442.50			900	$6.50
Drilling: Core & Cement							200	$2.00
Churn								
Sugidosing	Ft.	None		$160.00			40	$16.00
Stripping								
Trenching								
Test Pits								
Sampling Trails				$60.00			42	
Total Distributed Costs		$2480.00	80	$10,947.50	Stage 1 Completed			Total Costs Authorized by Contract $23,002.50
Operating Equipment Purchased								3,502.50
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		$2480.00		$10,947.50				23,002.50

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date 2/2/56 Operator T.N.T. Inc.

Per E. H. Potter Title Superintendent

Remarks:

NOTE.—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.

(Instructions on reverse)

(For Government use only)

Henry W. Jones

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

T. H. T. INC. (TUNGSTON)
BOX 366 GETCHELL MINE
GOLCONDA, NEVADA

DOCKET NO. DMEA-3609

Contract No. IDM- 1787

NARRATIVE REPORT

The tunnel is now in 235 ft. The formation is still limestone disseminated with sulfides, but shows no sign of scheelite. The last 10 foot seems to indicate that the formation is changing, is beginning to show iron sulfides.

E. H. Potter

E. H. Potter

D M E A

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JAN 25 1956

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

Date 1/23/56

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Wash., D.C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Interim Inspection Report

Attached are four copies of Interim Report on

Docket No. DMEA-3609

Contract No. Idm-E787

Commodity Tungsten

Operator TNT Inc.

Property TNT Mine (Mtn Queen Claims)
Humboldt County, Nevada

By H. W. Jones, USBM
R. G. Reeves, USGS

Dated 1/23/56

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

BUREAU OF MINES
WASHINGTON, D. C.
JAN 25 8 18 AM '56

INTERIM REPORT

Docket No. DMEA-3609 (Tungsten) January 23, 19

RECEIVED
JAN 25 1956

Name and address of operator: TNT Inc.
c/o Getchell Mine
P. O. Box 366
Golconda, Nevada

Name and location of property: TNT Mine (Mountain Queen Claims)
Humboldt County, Nevada

Contract No. Idm-E787

The TNT mine was visited January 9, 1956 by H. W. Jones and R. G. Reeves, accompanied by the Operators, Lyman Thomas and Emerson Potter.

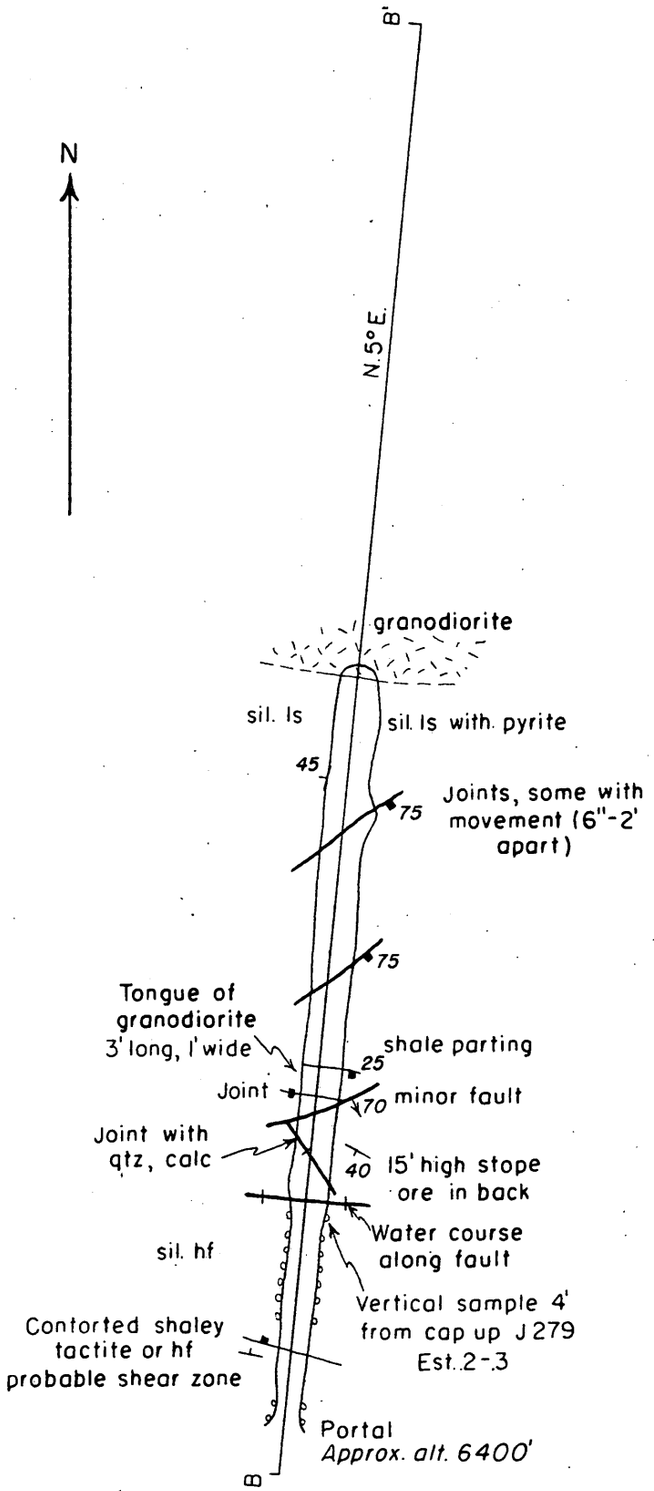
The adit was being driven N. 5° E. from the approximate portal location shown on the geologic map accompanying the examination report. The face was 173 feet from the portal, a 138 foot advance since the inspection of November 21, 1955. The adit was driven through 53 feet of sheared scheelite bearing tactite, hornfels, silicified limestone and open water courses that required timbering. The scheelite-bearing tactite about 4 feet thick, striking N. 65° W. and dipping 40° SW persisted for 55 feet. From the 55-foot point to the face, the adit was in silicified limestone. A small tongue of granodiorite was cut at 80 feet; and at the face granodiorite was again intersected but no mineralization was noted.

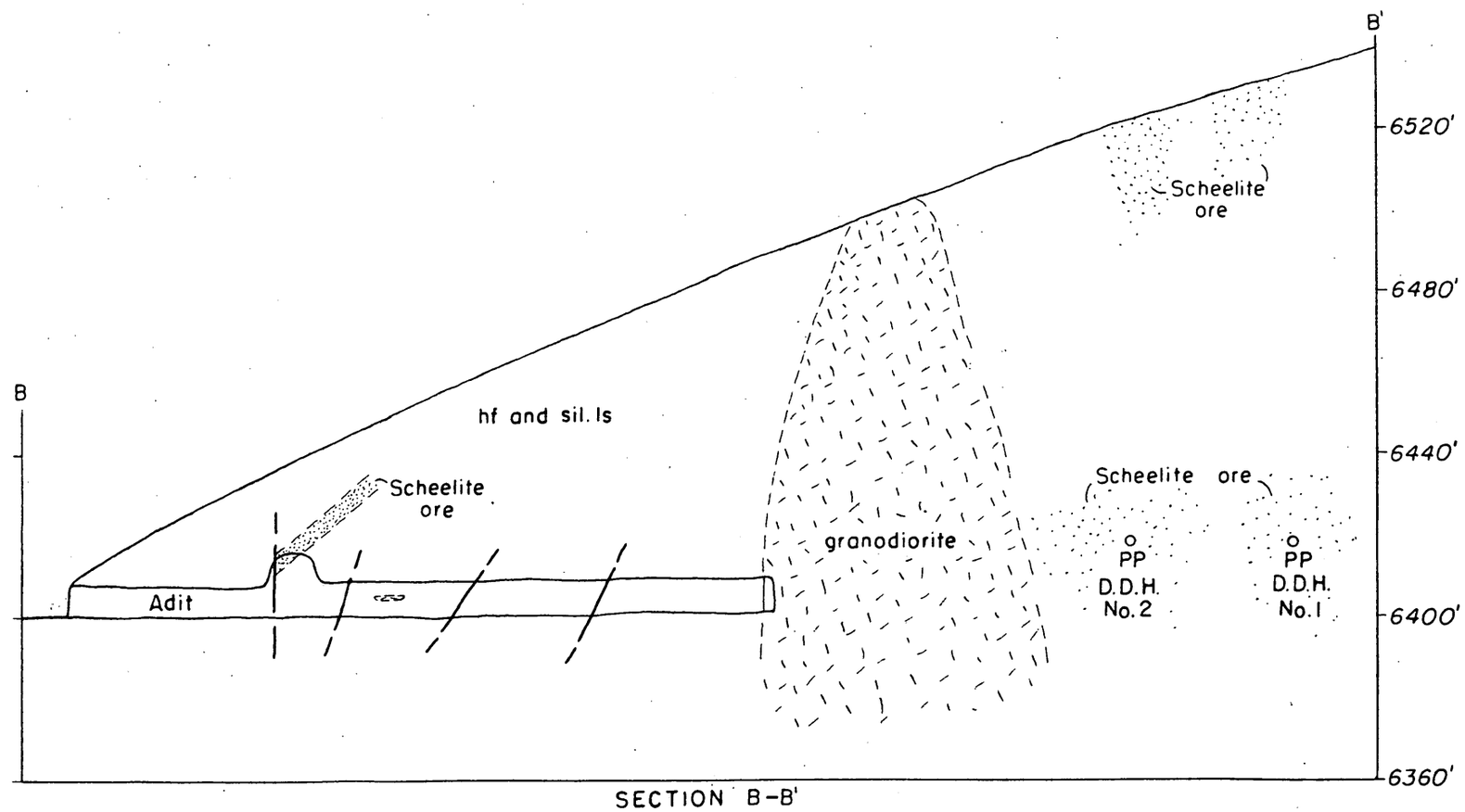
Plans are to alter the adit heading slightly to due North and continue on this course to intersect the mineralized section of the diamond drill hole (Stage I).

BM sample 279 of the tactite zone at the 55 foot point assayed 0.02 percent WO_3.

Henry W. Jones
U. S. Bureau of Mines

R. G. Reeves
U. S. Geological Survey





SECTION B-B'

TNT MINE, HUMBOLDT COUNTY, NEVADA

40 0 40 80 Feet

Figure 1

Form MM-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

RECEIVED
ACCOUNTS FEB 14 1956
FEB - 2 1956

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of December, 1955 Docket No. DMEA 3609 Contract No. ~~IDM-E787~~

Operator's Name T.N.T. INC Minerals Tungston

Address Box 366 %Getchell Mine, Golconda, Nev.

Contract Amount, $23,002.50 Government Participation: ____% Amount, $ ~~23,002.50~~ 17,252.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY WSM		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	None	3,442.50	3,442.50			
Bulldozing	"	160.00	160.00			
Crosscutting						
Drifting	2945.00	1860.00	4805.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	None	60.00	60.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	2945.00	5522.50	8467.50			

I certify that the above bill is correct and just and that payment therefor has not been received.

Date Jan 1 1956 *Payee T.N.T. INC

Per _____ Title Supt.

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—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.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$2208.25

Lloyd W. Sielander
Signature Authorized Certifying Officer
(Authorized Certifying Officer)

Date FEB 6 1956 Vou. No. F-DMEA-58

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E787 in accordance with the terms of the contract.

Signature Henry W. Jones Title Mining Engineer Date 2/1/56

Henry W. Jones

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature S. Ricker Title Executive Officer Date 2/1/56

S. Ricker

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
FEB 14 1956

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of December 1955 Docket No. DMEA 3609 Contract No. IDM-E787
Operator's Name TNT Inc. Minerals Tungsten
Address Box 366, Scotchell Line, Colconda, Nevada

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	Ft.	2,945.00	95	4,805.00	155	$31.00	400	$31.00
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core	Ft.	None	None	3,442.50	~~000~~		900	$6.50
Ream Cas Churn & Cement							200	$2.00
Auger								
Stripping Bulldozing	Hr.	None	-	160.00			40	$16.00
Trenching								
Test Pits								
Roads and Trails								
Sampling & analysis	Samples	-	~~000.00~~	60.00			54	$5.00
TOTAL DISTRIBUTED COSTS		2,945.00	95	8,467.50				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased					Stage 1 Completed			3,502.50 ~~23,002.50~~
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		2,945.00		8,467.50				23,002.50

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date Jan 1 1956 Operator TNT INC.

Per E H Potter Title Supen.

REMARKS:

NOTE.—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.

(Instructions on reverse)

(For Government use only)

Henry W. Jones

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

T. N. T. Inc.
Box 366, Getchell Mine
Golconda, Nevada

Docket No. DMEA-3609

Contract No. IDM-e787

RECEIVED
FEB 14 1956

NARRATIVE REPORT

The tunnel is now in 155 feet and the last 100 feet has been in hard limestone. There has been no sign of ore for the last 100 feet.

E. H. Potter

E. H. Potter, Supt.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
DEC - 8 1955

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

Date 12/6/55

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 3609

Contract Idm-E 787

Commodity Tungsten

Operator - TNT Inc.

Property - TNT Mine (Mountain Queen Claims, Humboldt County, Nev.)

By Henry W. Jones

Dated 12/5/55

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

INTERIM REPORT

Docket No.: DMEA-3609 (Tungsten) 12/5/55

RECEIVED
DEC - 8 1955

Name and address of Operator: T. N. T. Inc.
c/o Getchell Mine
P. O. Box 366
Golconda, Nevada

Name and location of property: TNT Mine
Mountain Queen Claims
Humboldt County, Nevada

Contract No.: Idm-E787

The TNT Mine was inspected November 21, 1955. Phase 2, consisting of bulldozing and driving an adit, was started November 1, 1955.

A bulldozer cut was extended from the existing road along the hillside, just under the established tunnel site marker, for a distance of 150 feet. A 14 by 14 foot building was skidded to the site; a portable compressor moved into place and a mucking machine installed. Work on the adit was started November 10, 1955. Timber sets were installed at the portal and the adit advanced 35 feet on a north bearing. A strong water course and partial cave in massive limestone was encountered at 25 feet and extended nearly to the face. Occasional specks of scheelite were noted along the eastern edge of the drift within the oxidized filling material, and became more numerous as the adit progressed. The northeast part of the face was in oxidized tactite formation containing commercial amounts of scheelite directly adjoining the gray limestone.

Sample No. 277 was taken vertically along 3 feet of the exposed material.

The drift is being driven with a three man crew on a contract basis. At the onset of winter weather, work in an open pit at another property will be terminated and the men used for advancing the drift on a 3 shift basis.

Henry W. Jones
Mining Engineer

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

RECEIVED
JAN 11 1956

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of November, 1955 Docket No. DMEA 3609 Contract No. Kan-8787
Operator's Name T. N. T. Inc. Minerals Tungsten
Address Box 366, c/o Getchel Mine, Golconda, Nevada
Contract Amount, $ Government Participation: 75% Amount, $ 23,002.50

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling					3,442.50	3,442.50
Bulldozing	$160.00	0	$ 160.00	$160.00	0	$160.00
Crosscutting						
Drifting	1,860.00		1,860.00	1,860.00	0	1,860.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis					60.00	60.00
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	2,020.00	0	$2,020.00	2,020.00	3,502.50	5,522.50

I certify that the above bill is correct and just and that payment therefor has not been received.
Date Dec. 1, 1955 *Payee T. N. T. Inc.
Per C. H. Potter Title Superintendent

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—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.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:
$ 1515 00
Signature (Authorized Certifying Officer)
Date 5 Vou. No. SF-DMEA-24
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Ion-2787 in accordance with the terms of the contract.

Signature Henry W. Jones Title Mining Engineer Date Dec. 12, 1955

Henry W. Jones

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature S. Rucker Title Executive Officer Date 12/12/55

S. Rucker

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of November 1955 Docket No. DMEA 3609 Contract No. Km-R787

Operator's Name T. N. T. Inc. Minerals Tungsten

Address Box 366, Getchel Mine, Golconda, Nevada

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting								
Crosscutting	Ft.	1,860.00	60 ft.	1,860.00	60	1,860	400	$31.00
Raising								
Shafts								
Winzes								
Drilling: Core	Ft.			3,442.50			900	$ 6.50
Ream, Case & Cement Churn	Ft.						200	$ 2.00
Auger								
Stripping Bulldozing	Hr.	160.00	10	160.00			40	$16.00
Trenching								
Test Pits								
Roads and Trails								
Sampling-Analysis	Samples			60.00			54	$ 3.00
TOTAL DISTRIBUTED COSTS		2,020.00		5,522.50				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased					Stage I completed			$ 3,002.50
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		2,020.00		5,522.50				$23,002.50

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date Dec. 1, 1955 Operator T. N. T. Inc.

Per E. H. Potter Title Superintendent

E. H. Potter

NOTE.—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.

REMARKS:

(Instructions on reverse)

(For Government use only)

Henry W. Jones

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

RECEIVED
JAN 11 1956

T. N. T. Inc. (Tungsten)
Box 366 Getchell Mine
Golconda, Nevada

Docket No. DMEA-3609
Contract No. Idm-E787

NARRATIVE REPORT

Work on the amended contract, Stage II, phase 2, was started November 1, 1955. A roadway about 180 feet long was bulldozed to the tunnel site and equipment moved in. The drift was started November 10 and was 60 feet long by November 30. Some scheelite ore was developed along the lime-granite contact in the tunnel.

E. H. Potter

DMEA

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
NOV - 3 1955

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

Date: 11/1/55

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 3609

Contract Idm-E 787

Commodity Tungsten

Operator - TNT Inc.

Property - TNT Mine, Humboldt Co., Nev.

By Henry W. Jones

Dated 11/1/55

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

BUREAU OF MINES
WASHINGTON, D. C.

Nov 3 8 59 AM '55

RECEIVED
NOV - 3 1955

INTERIM REPORT

Docket No.: DMEA-3609 (Tungsten) November 1, 1955

Name and address of operator: TNT Inc.
c/o Getchell
P. O. Box 366
Golconda, Nevada

Name and location of property: TNT Mine
Mountain Queen Claims
Humboldt County, Nevada

Contract No.: Idm-E787

An amended contract dated October 14, 1955 with TNT Inc., allowing additional diamond drilling and 400 feet of drift and crosscuts, was executed by the operator.

Mr. L. E. Potter telephoned on October 26, 1955 and arranged for an engineer to visit the property on the following day, October 27, to establish the drill sites and site for the adit portal, as determined by the map accompanying the contract.

The operator plans on bulldozing out the tunnel site on or before November 1, 1955 and to start underground drifting shortly thereafter. Diamond drilling will not be started until additional bids are obtained or until the operator purchases their own drilling equipment.

Henry W. Jones
Mining Engineer

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

RECEIVED
OCT 27 1955

1605 Evans Avenue
Reno, Nevada

October 25, 1955

Memorandum

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMEA-3609 (Tungsten)
TNT, Inc.
Mountain Queen Claims
Humboldt County, Nevada
Contract No. Idm-E787

Reference is made to your letter of October 17, 1955 pertaining to Amendment No. 1 to the subject contract.

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

S. Ricker

Encl.

DOCKET
SURNAME
Martin
400
Talbot
Delfred
F.E. Johnson

OCT 17 1955

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

Re: Docket No. DMEA 3609 - Tungsten
TMT, Inc.
Mountain Queen Claims
Humboldt County, Nevada
Contract No. Idm-E787

Dear Mr. Ricker:

Enclosed are the original and five copies of Amendment No. I to the above referenced project, signed by the Administrator for the Government.

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

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

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (JB)

Enclosure

APPROVED:

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

Thor H. Kiilsgaard (JB)
Member, Geological Survey

TLChapman:foc
10/12/55
cc to: Docket
Code 400
Adm. Read. File
Operating Comm.
FT. REG. II
Messrs, Holliday, USBM
Kiilsgaard, USGS

R.G.H.

Docket Copy

EXPLORATION PROJECT CONTRACT
TNT INC.
DOCKET NO. DMMA-3609

AMENDMENT NO. 1

It is agreed this _____ day of _____, 1955, between the United States of AMERICA, acting through the Department of the Interior, Defense Minerals Exploration Administration, and TNT Inc., that Contract IDM-3707 (Docket No. DMMA-3609), dated April 21, 1955, is amended effective April 21, 1955, as follows:

1. In Article 3, the time for the completion of the work is extended from "October 1, 1955" to "June 21, 1956".

2. In Article 5, the figures "$4,700.00" and "$3,525.00" are changed to read "$[illegible],200.00" and "$18,150.00," respectively.

3. In Exhibit "A", prior to this Amendment No. 1, the work set forth is designated "Stage I," and a new "Stage II" is added reading as follows:

STAGE II

The work under Stage II consists of two phases, which may be performed concurrently: (1) diamond drilling, and (2) driving an adit level and crosscutting. The map entitled "Geologic Map of TNT, Inc. Mine" attached hereto and made a part hereof, shows the approximate positions, lengths, and courses of the work.

PHASE I

Bulldoze access roads to drill sites, and prepare drill sites for diamond drilling approximately at the hole locations indicated on the attached map. Not to exceed 30 hours of bulldozing shall be performed under Phase I.

The drilling specifications are set forth approximately below:

Diamond drill hole No. 3, shall be 250 feet in length, on a course N. 60° E. and a dip of minus 10 degrees.

Diamond drill hole No. 4, shall be drilled from the same drill site as hole No. 3, and shall be 270 feet in length, on a course N. 75° E. and a dip of minus 10 degrees.

Diamond drill hole No. 5, shall be drilled from the same drill site as holes No. 1 and No. 2 and shall be 160 feet in length, on a course N. 30° E. and horizontal.

Diamond drill hole No. 6, shall be 220 feet in length, on a course N. 22° E. and horizontal.

Each hole shall be not less than AX in size, and the total length of all holes shall not exceed 900 feet. The core from mineralized zones shall be split and assayed for WO_3, but not to exceed 24 assays shall be made under Phase I. The portions of core from mineralized zones that are not used for analyses shall be kept in core boxes and labeled for inspection by the Government. The holes shall be reamed and cased, or cemented and redrilled, as necessary.

PHASE II

Bulldoze an access road to the adit site and prepare an adit site. Not to exceed 10 hours of bulldozing shall be performed under Phase II.

An adit shall be driven approximately from the position indicated on the attached map, at an elevation of 6,430 feet, approximately 350 feet in length, and on a course of due north. Two crosscuts shall be driven from the adit approximately at the points indicated on the attached map. The two crosscuts shall total approximately 50 feet. The adit and the two crosscuts shall not exceed an aggregate of 400 feet. The adit and the crosscuts shall be timbered as necessary and shall be not less than 4½ feet by 6½ feet in cross-section in the clear. Mineralized zones in the adit and crosscuts shall be sampled and assayed for WO_3, but not to exceed 18 assays shall be made under Phase II.

4. In Exhibit "A", prior to this Amendment No. 1, the Fixed Unit Costs set forth are designated as "Stage I", the totals at the end are deleted, and a new "Stage II" and new project totals are added reading as follows:

STAGE II

PHASE I

Bulldozing access roads and diamond drill sites, 30 hours @ $16.00/hr.	$ 480.00
Diamond drilling, 900 feet @ $6.50/ft.	5,850.00
Reaming and casing, or cementing and	

redrilling, 200 feet @ $2.00/ft. $ 400.00

24 samples assayed for WO_3 @ $5.00 per sample 120.00

Estimated Total Cost of Phase I $ 6,850.00

PHASE II

Bulldozing access road and adit site, 10 hours @ $16.00/hr. $ 160.00

400 feet of adit and crosscutting @ $31.00/ft. 12,400.00

18 samples assayed for WO_3 @ $5.00 per sample 90.00

Estimated Total Cost of Phase II	12,650.00
Estimated Total Cost of Stage II	19,500.00
Government Participation @ 75%	14,625.00
Estimated Total Cost of Project	26,800.00
Government Participation @ 75%	18,150.00

****

Executed in counterparts the day and year first above written.

THE UNITED STATES OF AMERICA

By [illegible]
Exploration Administration

TWT INC.

By_____

Appd. Sol. Off.

Rubin

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

OCT 7 1955

Memorandum

To: The Administrator, DMEA
Attention: W. S. Martin

From: Associate Solicitor, Division of Mineral Resources

Subject: Docket No. DMEA-3609 (Tungsten), Contract No. Idm-E787

Pursuant to Mr. Martin's memorandum of September 30, 1955 we have prepared the attached Amendment No. 1 in satisfactory legal form for execution subject to the attachment of the map referred to in amendment.

Robert P. Dwyer

Robert P. Dwyer
Associate Solicitor, Division of
Mineral Resources

Attachments

HCRubin:fvh 10-5-55

Copy to: DMEA Docket
Sol. Docket
W. S. Martin (2)
R. P. Dwyer
H. C. Rubin
Chron. File

DOCKET
400 SURNAME
Chapman
Martin

September 30, 1955

MEMORANDUM

To: Acting Assistant Solicitor, Defense Minerals

From: Iron and Ferro-Alloys Division, DMEA

Subject: Preparation of Amended Contract
Docket No. DMEA 3609
TNT, Inc.
TNT Mine
Humboldt County, Nevada
Contract No. Idm-E787

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

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

Attachment

TLCHAPMAN:foc
9-30-55
cc to: Docket
Code 400

AMENDED
EXPLORATION PROJECT CONTRACT
TNT, INC.
DOCKET NO. DMEA-3609

ANNEX I

WHEREAS, the parties of this amended contract are also parties to Contract Idm-E787 (Docket No. DMEA 3609), dated April 21, 1955, hereinafter called the "Prior Contract", and

WHEREAS, the exploration work provided for under the Prior Contract was satisfactorily completed and the main objectives were reached prior to October 1, 1955, and the parties desire to expand the exploration program of the Exploration project;

NOW THEREFORE, it is mutually agreed, effective as of October 1, 1955, the Prior Contract is amended and superseded by this amended contract, which shall govern all the rights and obligations of both parties, except that vouchers and claims for the Government's contribution to the work performed under the Prior Contract and payment thereof by the Government shall be therein provided.

The Operator hereby releases and agrees to save harmless the Government from all claims and demands arising out of the Prior Contract, except as otherwise herein provided.

AMENDED
EXPLORATION PROJECT CONTRACT
TNT, INC.
DOCKET NO. DMEA-3609

EXHIBIT "A"

Description of the Work

The objective of this project is exploration for tungsten. The work is outlined in two stages below.

STAGE I

The work in this stage was completed prior to October 31, 1955, is outlined in Exhibit "A" of the Prior Contract, and is incorporated herein by reference.

STAGE II

The work under Stage II consists of two projects, which may be carried on concurrently, and are identified as diamond drilling and driving an adit level and crosscutting. The accompanying map "Geologic Map of TNT, Inc. Mine" shows the approximate position, length and courses of the proposed work.

Access roads and drill sites for diamond drilling are to be bulldozed approximately as indicated on the accompanying map.

Diamond drill hole No. 3, shall be, approximately, at the position indicated on the accompanying map, 250 feet in length, on a course N. 60° E. and a dip of minus 10 degrees.

Diamond drill hole No. 4, drilled from the same location as hole No. 3, shall be, approximately, 270 feet in length, on a course N. 75° E. and a dip minus 10 degrees.

Diamond drill hole No. 5, drilled from the same drill site as holes No. 1 and No. 2 of the Prior Contract shall be, approximately, 160 feet in length, on a course N. 30° E. and horizontal.

Diamond drill hole No. 6 shall be, approximately, at the position indicated on the accompanying map, 220 feet in length, on a course N. 22° E. and horizontal.

These holes shall be not less than AX in size, and the total length shall not exceed 900 feet. The core from mineralized zones shall be split and assayed for WO_3. The remainder of the core shall be kept in core boxes and labeled for inspection.

An adit shall be driven, approximately, from the position indicated on the accompanying map, at an elevation of 6430 feet, 350 feet in length, and on a course due north. Two crosscuts shall be driven from the above adit approximately at the points indicated on the accompanying map. The total of these two crosscuts shall be approximately 50 feet. All this horizontal work shall be not less than 4½ feet X 6½ feet in the clear and timbered where necessary. Adit and crosscuts shall be sampled in mineralized zones and assayed for WO_3.

Estimated Costs of the Project
Fixed Unit Costs

Stage I

Total actual cost of Prior Contract, subject to audit	$3,502.50

STAGE IX

Bulldozing access roads and diamond drill sites, 30 hours at $16.00 per hour (costs to include operator, fuel, oil, upkeep, etc.)	$ 480.00	
Diamond drilling, 900 feet at $6.50/ft.	5,850.00	
Reaming, casing, cementing and re-drilling 200 feet at $2.00 per foot	400.00	
24 samples to be assayed for WO_3 at $5.00 per sample	120.00	
Estimated total for diamond drilling		$6,850.00
Bulldozing access road and adit site, 10 hours at $16.00 per hour	160.00	
400 feet of adit and crosscutting at $31.00 per foot.	12,400.00	
18 samples to be assayed for WO_3 at $5.00 per sample	90.00	
Estimated total cost of adit and crosscuts		$12,650.00
Total estimated cost of project		$23,002.50
Government participation at 75% (approx.)		$17,252.00

IN REPLY REFER TO:

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

RECEIVED
SEP 26 1955

September 23, 1955

Re: DMEA 3609, Idm-E787
TNT Inc.
TNT Mine
Humboldt Co., Nevada
$17,837.00 - Tungsten

Memorandum

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

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

Subject: Review of supplemental application and Final Field Team Report.

The original contract called for the drilling of 600 feet of diamond drill hole at a cost of $4,700. Only 459 feet of hole were drilled at a cost of $3,442.00. One of the two holes drilled cut material of ore grade and more drilling is considered warranted, hence the supplemental application asking for assistance in carrying out a 2-stage program consisting of: Stage I, core drilling 750 feet of hole, to be followed by Stage II:--300 feet of adit and 50 feet of crosscutting all at a cost of $17,837.00.

The work under the original contract was well done. Ore-grade material was found in one hole and a certificate of discovery is recommended by the Field Team. More work is recommended in order that the tonnages of drill indicated and inferred ore may be increased and development justified.

I concur with the recommendations of the Field Team.

N. E. Nelson

N. E. Nelson

20 mEa

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

RECEIVED

1605 Evans Avenue
Reno, Nevada

September 14, 1955

Memorandum

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMEA-3609 (Tungsten)
TNT Inc.
TNT Mine
Mountain Queen Claims
Humboldt County, Nevada
Contract No. Idm-E787

Attached are four copies of our final report and supplemental application report by Roscoe M. Smith, Geological Survey and Glenn G. Gentry, Bureau of Mines.

The report recommends that a certificate of discovery be issued to the operator and that a supplementary contract be consummated to allow for additional exploration work.

I am in agreement with the recommendations and am attaching three copies of the operator's application for additional exploration aid. One copy has been retained in our files.

S. Ricker

Attach.

Reviewed by
DMEA OPERATING COMMITTEE
9-21-55
(Date)

FINAL
F.T. Rpt

UNITED STATES
DEPARTMENT OF THE INTERIOR
DOUGLAS McKAY, SECRETARY

RECEIVED
SEP 16 1955

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION II

FINAL REPORT
and
SUPPLEMENTAL APPLICATION REPORT

DMEA-3609, Contract Idm-E787 (Tungsten)
T. N. T. Incorporated
Mountain Queen Claims
Humboldt County, Nevada

By

Glenn G. Gentry
Mining Engineer
U. S. Bureau of Mines

Roscoe M. Smith
Geologist
U. S. Geological Survey

September 13, 1955

Reviewed by
DMEA OPERATING COMMITTEE
9-21-55
(date)

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ILLUSTRATIONS

Fig. 1 - Location map TNT Mine, Humboldt County, Nevada.

Fig. 2 - Geologic map and logs.

INTRODUCTION

The Mountain Queen Claims, also known as the T. N. T. Mine, Pershing County, Nevada, was explored by T. N. T. Incorporated, c/o the Getchel Mine, P. O. Box 366, Golconda, Nevada, in cooperation with the Defense Minerals Exploration Administration, Docket DMEA-3609, under a contract Idm E-787, dated April 21, 1955. Work was begun June 22, 1955 and completed July 12, 1955, and an examination of the property to evaluate the completed program was made July 19, 1955 by Glenn G. Gentry, U. S. Bureau of Mines, and R. M. Smith, Geologist, U. S. Geological Survey, accompanied by Mr. W. E. Bell, Vice-President, Mr. R. O. Eymann, Secretary and Treasurer, and Mr. L. G. Thomas, Director for the Company. Mr. Fred J. Bartels, the former manager of the T. N. T. Inc., has resigned that position due to ill health and has been replaced by Mr. W. E. Bell. Mr. Bartels still retains his stock interest in the company and his position on the company's Board of Directors.

SUMMARY

The purpose of the project was to explore the possible downward continuation of a scheelite deposit that is exposed in an open pit on the Mountain Queen #6 claim. Two diamond drill holes were drilled to intersect the deposit 80 feet below the open pit. One of the holes intersected 7 feet of ore of commercial grade, the other inter-

sected a weakly mineralized zone. As a result of the work, 3,000 tons of tungsten ore averaging 0.45 percent WO_3 was indicated and in addition a similar quantity can be inferred.

The operator considers that additional exploration is necessary before development of the property is warranted. Accordingly, he has submitted a supplemental application to drill four diamond drill holes, and contingent upon the results to drive 350 feet of adit to further explore the deposit.

CONCLUSIONS AND RECOMMENDATIONS

Because ore of commercial grade was discovered, the Government is entitled to royalties from production and should certify a discovery. However, production is not economically feasible and development is not warranted without additional exploration. The DMEA work indicates that the mineralized zone may be larger than could be inferred before the work was done and that additional exploration is justified. It is recommended that the DMEA participate in this additional exploration.

The revised program consists of 750 feet of diamond drilling followed by 300 feet of adit and 50 feet of crosscut, and would require four months to complete. The Government's share of the estimated total cost $17,837.00 would be $13,377.75. To facilitate administration of the contract, it is also recommended that work be based on unit cost rather

than actual cost and that Stage 2 be made subject to the prior written approval of the Government.

LOCATION AND ACCESSIBILITY

The Mountain Queen Claims are in Sec. 32, T. 39 N., R. 42 E., Pershing County, Nevada, Potosi Mining District, Pershing County, Nevada on the north end of the Osgood Range at an altitude of 6,500 feet. To reach the mine which is 44.8 miles northeast of Winnemucca, Nevada, the nearest supply center, go northeast on two lane paved highway US 40 for 18 miles, turn left (north) on Nevada State Highway 18 for 14 miles, turn left (north) on an improved gravel road 12.8 miles to the Getchel Mine. Proceed westerly through the Getchel camp and follow the steep unsurfaced "Burma Road" 1.2 miles to the property. The last half mile requires a vehicle with four-speed transmission.

Roads are frequently closed during the winter by snowdrifts and during the spring by mud but the working season is in general twelve months per year.

Mine labor is available in Winnemucca and engineering work was done on a part time basis by Mr. Grant Harvey, engineer for the Getchel Mine Incorporated.

Water, power and assay office are all available at the Getchel mine as well as an operating custom tungsten mill.

THE PROJECT

The work was justified by the exposure of tungsten ore in the open pit averaging 0.56 percent WO_3; the total production from the pit of 605 tons averaging 0.87 percent WO_3; and inferred reserves below the pit of 4,000 tons averaging 0.6 percent WO_3.

In the contract a project was specified consisting of 600 feet of diamond drilling and analyses of 40 samples. The diamond drilling was started on June 22, 1955 and completed on July 12, 1955, as follows:

Diamond drilling approved by contract - 600 feet

Completed:
DDH No. 1 - 6/22/55-7/2/55 - 222.0 ft.
DDH No. 2 - 7/3/55-7/12/55 - 237.0 ft.
459.0 feet
Not completed 141.0 feet

The remaining 141.0 feet of drilling was not used, as insufficient footage remained to reach the ore zone from the drill location. The drilling was conducted by the Boyles Brothers Drilling Company of Salt Lake City, Utah, on a contract basis of $6.62 per foot. Additional costs were incurred by the company in providing drilling water, engineering services and supervision.

The core recovery is estimated in excess of 95 percent. All drill core (Size AX) were placed in 46 card board boxes, properly labeled, and stored in the building owned by the T.N.T. Inc. Company, about 1/2 mile south of the mine.

The two diamond drill holes were completed according to the contract, and have been successful in disclosing additional scheelite mineralization below the surface.

The work appears to have been well done and is considered to be satisfactory to the Government.

EXPENDITURES

Total approved:	$4,700.00
Expended: 459 feet of drilled hole at $7.50 per foot	3,442.50
	$1,257.50

Govt. participation in expended funds at 75% = $2,581.87
Govt. share in unexpended funds at 75% = 443.13

No production was made by the operator during the diamond drilling operations.

EFFICIENCY OF OPERATIONS

The diamond drilling was conducted in an efficient manner. Mr. W. E. Bell and Mr. R. O. Eymann, now in active charge of the company operations, appear to be reliable and responsible men who are sincerely endeavoring to conduct all of the exploration work on a sound and economic basis.

EQUIPMENT

The exploration contract was on the basis of "fixed unit costs" and no equipment was purchased for the project.

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GEOLOGY AND ORE DEPOSITS

The Mountain Queen Claims lie on a granodiorite contact at the north end of the Osgood Range. The sedimentary rock in this part of the range is principally shale of Middle Cambrian age containing quartzite, and limestone beds as much as 200 feet thick and a few discontinuous limestone lenses. These rocks have been intruded by a granodiorite stock. Near the contact the shales have been metamorphosed to hornfels and the limestones have been silicified or metamorphosed to tactite. Most of the silicated limestone and tactite bodies contain scheelite and a few large tungsten deposits and several smaller ones border the stock.[1/]

In the area of the Mountain Queen Claims the metamorphic rocks are argillaceous hornfels which contain discontinuous lenses of limestone. In general the bedding strikes northerly and dips steeply, but on the Mountain Queen #6 claim bedding in many attitudes has been observed and it is unsafe to project strikes or dips more than a few feet.

The ore body revealed in the open pit and cut by the DMEA drill holes are lenses of disseminated scheelite in zones of silicated limestones. The best ore is reported to have come from a horizontal layer about 20 feet below the surface but the DMEA drill holes indicate

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1/ Hobbs, S. W., and Clabaugh, S. E., 1946, Tungsten deposits of the Osgood Range, Humboldt County, Nevada, University of Nevada Bull., Vol. XL #5, Plate 1.

that the mineralized zone extends to a depth of at least 80 feet and is about 7 feet wide and strikes parallel with the granodiorite contact.

The best of ore that was mined contained 1.5 percent WO_3. Total production from the pit is 605 tons averaging 0.87 percent WO_3 which grossed $19,365.22. The samples of the ore exposed in the open pit averaged 0.56 percent WO_3, and the average of the 7-foot ore intercept cut in the diamond drill hole 2 was 0.34 percent WO_3.

Because of the proximity of the Getchel tungsten mill, ore of the grade discovered by the DMEA work is of economical value.

SAMPLING

All of the drill cores were examined by means of an ultra-violet mineralight and with the exception of the core taken for sample, showed no scheelite.

DDH No. 1	From		To		Percent WO_3
BM 1596	180.45	ft.	180.92	ft.	*0.01
BM 1597	182.6	ft.	184.0	ft.	*0.01
BM 1598	184.0	ft.	184.2	ft.	*0.01
DDH No. 2					
BM 1599	146.0	ft.	146.55	ft.	*0.01
BM 1600	147.8	ft.	149.0	ft.	0.45
BM 1601	149.0	ft.	151.0	ft.	0.11
BM 1602	151.0	ft.	153.0	ft.	0.38
BM 1603	153.0	ft.	154.5	ft.	0.44

ORE RESERVES

Measured reserves of a few tons averaging 0.56 percent WO_3 are revealed around the edge of the open pit on the Mountain Queen #6 claim.

The DMEA drill holes 1 and 2 cut the mineralized zone 80 feet below the open pit and 80 feet apart thereby indicating ore in a block 100 feet long, 100 feet high, and 7 feet wide. As only one of the two holes cut ore grade material, only half of this block (3,000 tons) is indicated ore averaging 0.45 percent WO_3.

As the mineralized zone appears to be parallel with the granodiorite contact, it is inferred that additional reserves may be found to the south along the extension of the indicated block. An additional 3,000 tons of the same grade is inferred in the block to be explored by the proposed diamond drill holes 3 and 4.

It is also inferred that other ore bodies may be found in embayments in the contact which will be explored by the proposed diamond drill holes 5 and 6, but no tonnage can be assigned.

PROPOSED EXPLORATION

An exploration project consisting of two diamond drill holes totaling 459 feet has been completed under a DMEA loan which authorized 600 feet of diamond drilling. This project is called herein Stage I.

The operator has submitted a supplemental application for an extension of the exploration project with an increase in funds of $17,837.00 to be done in two additional stages called herein Stages II and III.

Stage II consists of 750 feet of diamond drilling in four additional holes, fig. 2.

Stage III consists of 350 feet of adit and 50 feet of crosscut.

The work proposed in Stage II is justified by the results obtained in Stage I but the adit proposed in Stage III is not warranted unless the proposed drill holes indicate additional reserves of the same or better grade.

In order to provide for sufficient work to delineate the size and grade of the ore body, it is suggested that Stage III be included in the contract but be made contingent on Stage II and subject to the prior written approval of the Government.

EXPLORATION COSTS

The operator submitted a cost estimate with the proposed program that is considered to be well planned and reasonable. With the exception of changing the diamond drilling costs per foot to include contingencies and core analyses, the costs are the same as submitted by the applicant and are as follows:

Stage II

750 feet (AX hole) @ $6.51/ft.	$4,882.50
Assaying 40 samples for WO_3 @ $5.00 each	200.00
Contingencies (cementing etc.)	317.50
Est. total cost Stage II	$5,400.00

Estimated drilling cost for 750 feet = $7.20/ft.

Stage III - To be contingent upon results of Stage II.

Total drilling cost -	$7.20/ft.	$5,400.00

Stage III		Cost per foot
2 Miners @ $16.00/day - 50 days	$1,600.00	
2 Slushermen @ $16.00/day - 50 days	1,600.00	
2 Surfacemen @ $16.00/day - 50 days	1,600.00	
1 Supervisor @ $450.00/mo. - 2-1/2 mo.	1,125.00	
	$5,925.00	$14.81
Operating materials and supplies:		
2,250 gal. gasoline @ $0.285	$ 641.00	
1,000 " Diesel oil @ $0.19	190.00	
100 " lube oil @ $0.82	82.00	
3,500 lbs. dynamite @ $0.25	875.00	
2,000 blasting caps @ $0.03	60.00	
9,000 feet blasting fuse @ $0.0125	126.00	
28 pcs. drill steel @ $10.00	280.00	
200 lbs. carbide @ $0.17	34.00	
50 feet air hose @ $0.44	22.00	
50 feet water hose @ $0.32	16.00	
400 feet 2-inch air pipe @ $0.60	240.00	
400 feet 3/4-inch water pipe @ $0.21	84.00	
110 feet BM - timber & lagging @ $85.00/M	935.00	
1,000 feet wire rope @ $0.217	217.00	
500 feet 5/8-inch wire rope @ $0.286	143.00	
	$3,945.00	$ 9.86
Operating equipment: (Rental)		
D8 Cat. - 40 hours @ $16.00	$ 640.00	
Use allowance:		
Skagit slusher	82.00	
Traxcavator cat	333.00	
Compressor	150.00	
Pickup truck	38.00	
Blower	6.00	
Mach drill	32.00	
	$1,281.00	$ 3.20

Miscellaneous:

Accounting @ $75.00/mo.	$ 187.00	
Assays - 40 samples @ $10.00/ea. ?	400.00	
Compensation insurance	421.00	
Social Security	118.00	
Unemployment comp.	160.00	
	$1,286.00	$ 3.22
		$31.10

Total estimated cost:

Stage I	$ 5,400.00
Stage II	12,437.00
	$17,837.00

The Stage II drilling project should be completed in 30 working days. Stage II should be completed in 50 work days on a 2 shift basis.

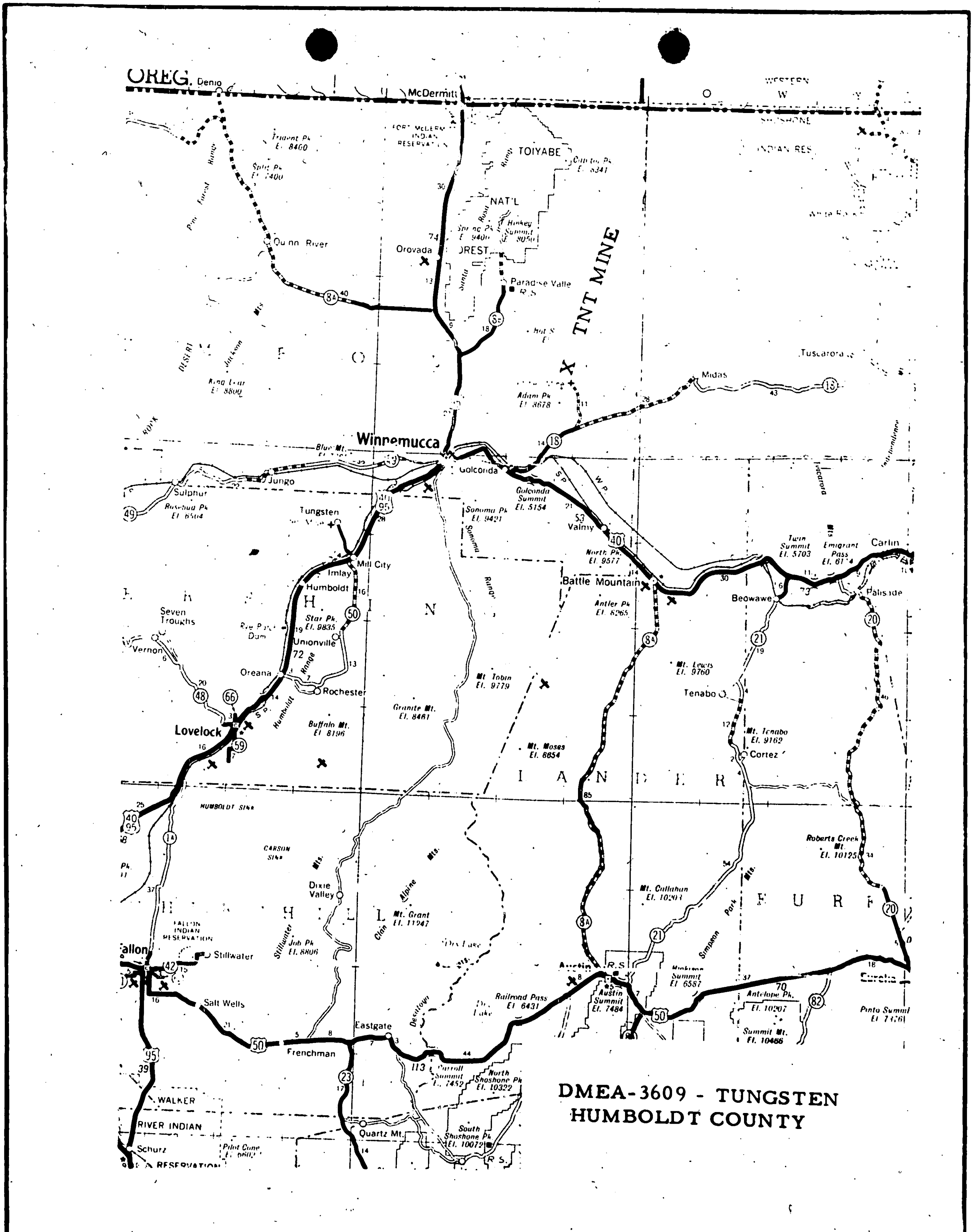

FIG. 1. LOCATION MAP NEVADA

U. S. Geological Survey, DMEA 3609
DRILL LOG

Mine: TNT

Hole No.: 1
Sheet 1 of 1
Logged by G Harvey & R Smith
Scale: 1 in. = 50 ft.

Bearing: N 55 E
Inclination: -28
Length: 222
Date started: 6-22-55
Date stopped: 7-2-55

Site: Mountain Queen claims
Coordinates: collar:
bottom:
Elevations: collar: 6502
bottom: 6398
water: none

Explanation
scheelite

Size and condition of hole	Interval feet	Log	Geology: Rock	Geology: description	Scheelite	Assays % WO3
BX	0					
AX			Hornfels and silicated limestone	Bedding @ 20°-30° locally micaceous	None	
	50					
95 % Core recov.			few 6"-2' grd. dikes			
	100					
	150					
	180.4		sil. ls.	½" qtz-carb. stringers @ 30°	1/64-1/8" xals dissem. in sil. ls.	0.01
	184.2		marble (?) 182-184	fractures @ 45°		
	197.5			bedding @ 15°		
AX			granodiorite porphyry	joints @ 45°	None	
END	222					

DRILL LOG

U. S. Geological Survey
Mine: T.N.T.

Hole No.: 2
Sheet 1 of 1
Logged by G. Harvey & R. Smith
Scale: 1 in. = 50 ft.

Bearing: N 70 E
Inclination: - 28°
Length: 237 ft.
Date started: 7-3-55
Date stopped: 7-12-55

Site: Mt. Queen claims
Coordinates: collar:
bottom:
Elevations: collar: 6502
bottom: 6391
water: None

DMEA 3609
Explanation
scheelite

Size and condition of hole	Interval feet	log	Geology: Rock	Geology: description	Scheelite	Assays % WO_3
BX	0 – 21		Hornfels silicated limestone tactite			
AX						
95% core recov.				146 - 146.5	few specks	0.01
				147.8		
			silicated limestone	pyrite-seams and ½" aggregates	¼ to ⅛"	0.45
				Calcite seams @ 45°-70°	149.0 crystals uniformly	0.11
				fractures @ 45°	151.0 disseminated within	0.38
	147.8			bedding @ 60°	153.0 each interval	0.44
	154.5				154.5	
	164		6" qtz-calcite	mineralized 1" @ 40°	few specks	
	169		Hornfels and many grd. dikes	bedding @ 45°		
	206		marcasite @ 10°		3 specks	
	213			Contact @ 45° prob. concordant		
END	237		Granodiorite porphyry			

0.34

TNT INC
Getchell Box 366
Golconda, Nevada

July 29, 1955

Defense Minerals Exploration Administration,
Bureau of Mines,
1605 Evans Avenue,
Reno, Nevada

Gentlemen:

Herewith is a supplementary application for aid in an exploration project, Docket No. DMEA 3609 and Contract No. Idm-E-787.

The application comprises: (1) filled-in regulation form MF-103 with 4 attached sheets, (2) one attached geologic map.

Other information will be furnished at your request. Personal conference can be arranged if you so desire.

Very truly yours,

William J. Holly, President

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION II
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RENO, NEVADA

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

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

Not to be filled in by applicant.

Docket No. .....
Metal or Mineral .....
Date Received .....
Estimated Cost .....
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: TNT Inc. Getchell Box 366, Golconda, Nevada

Corporation- organized under the laws of 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. page 1 attached

(*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

Same a described in Docket No. DMEA 3609 and Contract No. Idm-E-787

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

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

Owner

(*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. Not applicable

(*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 3. (a) above.

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.

16—66551-1

Same as described in Docket No. DMEA 3609 and Contract No. Idm-E-787 with additions shown on map attached

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

(*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 40 days and be completed within 6 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)? Yes.

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

[X] Money [X] 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 July 29, 1955

TNT Inc.
(Applicant)

By William J. Kelly
W. E. Bell
Richard O. Eymann

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

Address of
Prisoner of

Oratio in
laetis actibus

TNT Inc.
Getchell Box 366
Golconda, Nevada

1. Name of applicant:

(c) President - William J. Holly, Springfield, Oregon
Vice-President - William E. Bell, Winnemucca, Nevada
Secretary-Treasurer - Richard O. Eymannn, Getchell Box 366, Golconda, Nevada.

5. The exploration project:

(b) The exploration work is indicated tentatively on the map attached hereto entitled, "Geologic Map of TNT, Inc. Mine, Humboldt County, Nevada".
This work is a continuation of the work applied for in Docket No. DMEA 3609 and approved and completed in Contract No. Idm-E-787. This completed work is shown on the attached map as DDH No. 1 and DDH No. 2.
The project is to be divided into two stages.
Stage I Diamond drilling
Stage II Adit and crosscuts
Beginning of work on Stage II is dependent on satisfactory results from Stage I.

Description of Stage I
Satisfactory results obtained from Contract No. Idm-E-787 indicates the value of further diamond drilling to explore ground shown on attached map. Four holes are to be diamond drilled not less than AX in size, and not exceeding a total maximum of 750 feet. (141 feet of 600 feet of diamond drilling approved in Contract No. Idm-E-787 was not used because it was felt to be geologically unsound to begin a hole restricted to a limited length) It is proposed the location, direction, inclination, and approximate depth of each hole shown on the map shall be subject to the prior written approval of the Government.
Proposed DDH No. 3, 4, and 5 will explore the occurrence of scheelite on the limestone- granodiorite contact immediately adjacent to DDH 1 and 2. Proposed DDH No 6 would explore the occurrence of scheelite on two contacts. Sizeable ore bodies have been found in other parts of the Osgood Range in formations similar to the ground DDH No. 6 would explore.

TNT Inc.
Getchell Box 366
Golconda, Nevada

5. The exploration project:
   (b) continued

Description of Stage II
The proposed adit 350 feet in length and crosscuts totaling 50 feet in length are shown on the attached map.

(d) Experience:
TNT Inc. is presently mining and shipping over 600 tons of tungsten ore per month on ground nearby. The Company has just completed exploration work under Contract No. Idm-E-787. In addition the services of G. J. Harvey, mining engineer with Getchell Mine, have been obtained on a consulting basis.

6. Estimate of costs:

Stage I

(a) Independent contracts	
It is proposed to contract the entire drilling program, the contractor furnishing all equipment, labor, and supplies. Based on experience in Contract No. Idm-E-787 it is estimated the diamond drilling contract will cost $6.51 per foot.	
750 feet at $6.51/ft.	$4882.50
(b) Analyze core for WO_3	200.00
(c) to (g) not applicable.	
(h) Contingencies (cementing, etc.) approximately 6% of other costs	317.50
Estimated total cost Stage I	$5400.00

Stage II

It is estimated the adit and crosscuts can be completed in 50 work days or 2½ calendar months on a 2 shift basis. All costs are estimated on this time period.

	Total cost $	Cost per foot $
(a) Independent contracts: None.		
(b) Labor, supervision, consultants:		
Labor-		
2 miners at $16. each for 50 days	1600.00	
2 slushermen $16. ea. for 50 days	1600.00	
2 surfacemen $16. ea, for 50 days	1600.00	
Supervision and Consultant		
1 supervisor at $450 per mo. for 2½ months	1125.00	
Total labor, supervision, consult.	5925.00	14.81

TNT Inc.
Getchell Box 366
Golconda, Nevada

6. Estimate of costs(cont'd)

Stage II (cont'd)		Total cost $	Cost per foot $
(c) Operating materials and supplies:			
2250 gal.	Gasoline/28.5¢	641.00	
1000 gal.	Diesel Oil/19¢	190.00	
100 gal.	Oil/82¢	82.00	
3500 lbs.	Powder/25¢	875.00	
2000 "	Caps/3¢	60.00	
9000 ft.	Fuse/1.4¢	126.00	
28 pcs.	Drill Steel/$10.	280.00	
200 lbs.	Carbide/17¢	34.00	
50 ft.	Air hose/44¢	22.00	
50 ft.	Water hose/32¢	16.00	
400 ft.	2"air pipe/60¢	240.00	
400 ft.	3/4" water pipe/21¢	84.00	
11M bdft.	Timber & lagging/$85.	935.00	
1000 ft.	Wire Rope/21.7¢ $\frac{1}{2}$"	217.00	
500 ft.	5/8" Wire Rope/28.6¢	143.00	
Total operating materials & supplies		3945.00	9.86
(d) Operating Equipment:			
Rental-			
D-8 Cat, 40 hours/$16.		640.00	
Use-Allowance			
Skagit slusher		82.00	
Traxcavator cat		333.00	
Compressor		150.00	
Pickup Truck		38.00	
Blower		6.00	
Drill		32.00	
Total operating equipment		1281.00	3.20
(e) & (f) None			
(g) Miscellaneous:			
Accounting at $75 per mo.		187.00	
Assays - 40 samples at $10.		400.00	
Workmans compensation		421.00	
Social Security		118.00	
Unemployment compensation		160.00	
Total miscellaneous		1286.00	3.22
Estimated total cost Stage II		$12437.00	$31.10

Estimated total cost Stage I and Stage II $ 17,837.00

TNT Inc.
Getchell Box 366
Golconda, Nevada

7b. Money

The TNT Inc. is presently mining on property leased from the Southern Pacific Land Co. adjoining the property mentioned in this application. Funds are available in the Treasury and will be set aside to take care of our share of this exploration.

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

ACCOUNTS AUG - 8 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of June - July, 1955 Docket No. DMEA 2600 Contract No. Ian-2-757
Operator's Name TMT Inc. Minerals Tungsten
Address Getchell Box 366, Golconda, Nevada
Contract Amount, $ 4700.00 Government Participation: 75 % Amount, $ 3525.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	3442.50	None	3442.50			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	60.00	None	60.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	3502.50	None	3502.50			

I certify that the above bill is correct and just and that payment therefor has not been received.

Date 8-3-55 *Payee TMT Inc.

Richard O. Egmann

Per Richard O. Egmann Title Sec. - Treas.

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—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.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 2626.87

Signature [illegible] Authorized Certifying Officer
(Authorized Certifying Officer)

Date AUG 17 1955 Vou. No. SF-DMEA-4

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. IdmE 787 in accordance with the terms of the contract.

Signature Benjamin F. Sharkey Title Mining Engineer Date Aug 5, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] Title Executive Officer Date 8/5/55

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

ACCOUNTS AUG - 8 1955

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of June-July 1955 Docket No. DMEA 3809 Contract No. [illegible]-R-787
Operator's Name TMT Inc. Minerals Tungsten
Address Getchell Box 366, Golconda, Nevada

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core	Feet	3442.50	459	3442.50	459		600	$ 7.50
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Sampling-Analysis	Sam.	60.00	12	60.00	12		40	5.00
TOTAL DISTRIBUTED COSTS		3502.50		3502.50				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		3502.50		3502.50				4700.00

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

REMARKS:

Date 8-3-55 Operator TMT Inc.
Richard O. Eyrmann
Per Richard O. Eyrmann Title Sec. - Treas.

→ NOTE.—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.

(Instructions on reverse)

(For Government use only)

Benjamin A. Sheahan, Mining Engineer

INSTRUCTIONS

Preparation of Form MF–104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF–104A has been designed to tie in with Form MF–104 for both monthly and cumulative costs. The "Total Costs" on Form MF–104A for each month should equal the monthly "Total Costs" as reported on Form MF–104. This is also true of the "Total Costs To Date".

In preparing Form MF–104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 83-38475

[redacted]

TMT Inc.
Getchell Box 888
Golconda, Nevada

Docket No. DMRA 3099
Contract No. 14n-E-787
August 9, 1955

On June 15, 1955 work was begun on the diamond core drilling as specified in Contract No. 14n-E-787.

Boyles Bros. Drilling Company of Salt Lake City, Utah was the drilling contractor. Grant Harvey, mining engineer with Getchell Mine, did the analysis and prepared the drill log attached.

Actual drilling on DDH #1 was begun on June 23 at a dip of 23 degrees. Some scheelite was found between 170' and 185'. The hole was completed on July 5 at a footage of 220'.

DDH # 2 was begun on July 5 at a dip of 22 degrees. Between 147' and 154' approximately 0.2 scheelite was found. The hole was completed at a footage of 257' on July 12.

No unusual difficulties were encountered.

Our Company is highly pleased with the results of the drilling contract with the Government. 141' of authorized footage remained unused because it appeared unwise to begin a hole with such limited footage. Because of the satisfactory results from DDH # 1 and DDH # 2 the Company is applying for additional aid to further explore this ground.

The cooperation and assistance received from your Reno office was of the highest level and we wish to express our pleasure in having worked with you in this joint effort to explore for a greater reserve of domestic tungsten.

TMT Inc.
Richard O. Eymann
Richard O. Eymann
Secretary-Treasurer

Docket DMEA 3609
Contract No. E737

TNT Inc.
Getchell, Box 366
Golconda, Nevada

NARRATIVE

Hole #1
Location 85' W Mount Queen # 6
280' S Mount Queen #12
Direction N 53 degrees E
Dip -28 degrees
Elevation 6500

Footage	Description	Percentage Recovery	Percentage Assay
1 -1.7'	Decomposed highly Micasious Granodiorite at .5 to .7 ft. Highly Siliceous Pyrite high in Content	35 %	—
1.7-14'	Limestone Calcite Vienlets Fractured Mica Phenocrysts Pyrites	35 %	No Lamp
14'-15'	Silicified Limestone Bedding obscure Mica Finegrained Not abundant Little Pyrite	100 %	No Lamp
15'-17'	Silicified Limestone bedding obscure Mica Fine grained More abundant	77 %	No Lamp
17'-19'	Silicified Limestone Highly Fractured Very Micaseous Bedding is highly folded	77 %	No Lamp
19'-20'	Silicified Limestone Phenocrysts Qtz-Mica-Plagoclose	80%	No Lamp
20'-23'	Granodiorite & Pyrite Highly Silicified Little Mica & Pyrite	92%	No Lamp
23'-26'	Limestone Bedding folded intensely High Silica-Calcite-Mica-Pyrite	92%	No Lamp
26'-29.0	Zone Imperfect Contact Lime & Granodiorite Phenocrysts Qtz-Mica-Pyrite-Plagoclose	90%	No Lamp
29.0-30.2	Granodiorite Sill High Silica Mica & Fine grained Garnets & Pyrite present	90%	No Lamp
30.2'-32'	Limestone Bedding folded High Silica Mica present in abundance Very Fined Grained	100%	No Lamp
32'-33.6	Limestone High Sil. Some Calcite	100%	No Lamp
33.6-34.6	Limestone Little Pyrite & Mica High Sil. Mica Content High	100%	No Lamp
34.6-38	Limestone (Metamorphosed)	100%	No Lamp

TNT Inc.
Cotchell, Box 366
Golconda, Nevada

Hole #1

Footage	Description	Percentage Recovery	Percentage Assay
	Silicified Granodiorite Vienlets (3")		
30 -40.6	Limestone running through Much Mica Bio Mica content very high concentrated	100%	No Lamp
40.6-42'	Granodiorite in spotches Granodiorite intermixed	96%	No Lamp
42'-44'	Mica Schist Little Quartz High Sil. Some lime bedding 23' to Core	100%	No Lamp
44'-47'	Limestone Pyrite & Calcite abund. Phenocrysts Qtz-Mica-Plagoeclose & Marcasite	100%	No Lamp
47'-48'	Granodiorite High Silica Some Mica & Marcasite	75%	No Lamp
48'-53'	Limestone Highly Metamorphosed High Silica Much Mica & Pyrite	75%	No Lamp
53'-54'	Limestone Little Calcite Phenocrysts Qtz-Plagroclose & Mica	100%	No Lamp
54'-57'	Granodiorite Sill. Highly folded & silicified Fine grained	100%	No Lamp
57'-59'	Limestone Mica & Qtz. High quartz content	100%	No Lamp
59'-61'	Limestone Little Pyrite More Mica (Note Mica is mostly Biotite Mica) Much quartz & Mica	100%	No Lamp
61'-63'	Limestone Less Pyrite Highly siliceous	100%	No Lamp
63'-67'	Limestone fine grained Less Mica & Pyrite Phenocrysts Qtz-Bionica -Plagroclose	100%	No Lamp
67'-73'	Granodiorite Sill. Plagroclose Qtz-Bionica-Phenocrysts	100%	No Lamp
73'-75'	Granodiorite Sill. High Silica Fine grained Mica	100%	No Lamp
75'-76'	Limestone Little Pyrite Plagroclose-Qtz-Bio Mica-Phenocrysts	100%	No Lamp
76'-77'	Granodiorite Sill. High Silica Fine Grained Mica	100%	No Lamp
77'-83'	Limestone Bedding runs 25 degrees to core High Sili Fine grained Mica Pyrite also runs parallel	100%	No Lamp
83'-84'	Limestone Bedding runs 25 degrees to core Very folded Little Pyrite & Mica	67%	No Lamp
84'-91'	Siliceous Limestone Calcite vienlets Bedding is folded intensely but-Fine grained Mica Some bedding runs 30 degrees to Core	67%	No Lamp
91'-95'	Siliceous Limestone Calcite Veinlets	100%	No Lamp

Hole #1

Footage	Description	Percentage Recovery	Percentage Assay
	High Sili. Qtz Crystals not formed good Pyrites present		
95'-100'	Limestone Calcite Veinlets	100%	No Lamp
	High Sili. Qtz crystals not formed good Pyrites present		
100'-105'	Limestone Calcite Veinlets Highly folded	100%	No Lamp
	High Sili. Fine grained Mica Qtz Bedding folded to 30 degrees to Core		
105'-110'	Limestone Pyrites in Veinlets	100%	No Lamp
	High Sili. Fine grained Mica Bedding folded		
110'-115'	Limestone Some Pyrite present	100%	No Lamp
	High Sili. Qtz content increasing Mica & Garnet Fine grained		
115'-120'	Limestone Pyrite & Calcite Veinlets	100%	No Lamp
	High Sili. Mica Crystals large & abundant		
120'-125'	Limestone Pyrite & Calcite Veinlets	100%	No Lamp
	High Sili. Highly folded Mica fine grained		
125'-130'	Limestone Some Pyrite Calcite Veinlets	100%	No Lamp
	High Sili. Mica fine grained Pyrite & Calcite		
130'-135'	Limestone Calcite Vein at 31.4'	100%	No Lamp
	High Sili. Qtz abundant Fine grained Biomica & Garnet present		
135'-141'	Limestone Pyrite & Calcite Veinlets	100%	No Lamp
	High Sili. Qtz abundant & Mica present Bedding 30' to hole		
141'-145'	Limestone More Calcite Veinlets	100%	No Lamp
	High Sili. Qtz abundant & Mica & Garnets fine grained Bedding folded intensely		
145'-155'	Limestone Calcite & Pyrite Veinlets	100%	No Lamp
	High Sili. Qtz Highly folded beds to beds at 10' to Core Some Mica		
155'-162'	Limestone Calcite & Pyrite present	100%	No Lamp
	High Sili. Qtz & Mica larger grained		
162'-166'	Limestone Calcite Veinlets Highly folded	100%	No Lamp
	High Sili. Medium grained Mica & Qtz Mica is quite prevalent		
166'-172'	Limestone Calcite Veinlets Little Pyrite Highly folded & Metamorphosed	100%	No Lamp
	High Sili. Mica fine grained Bedding folded		
172'-176'	Limestone More Pyrite & Marcasite	98%	No Lamp
	High Sili. Mica fine grained roughly foliated		
176'-182'	Limestone Pyrite content high & little pyrite	100%	Very little Lamps

Docket DMEA 3609
Contract No. E787

TNT Inc.
Getchell Box 366
Golconda, Nevada

Hole #1

Footage	Description	Percentage Recovery	Percentage Assay
182'-184'	Marble with Calcite Veinlets present High Sili. Fine grained Mica	100%	Lamps little
184'-185.6'	Limestone Pyrite & Calcite present Impure High Sili.	75%	Lamps little
185.6-187'	Limestone High Sili. Fine grained Mica	100%	No Lamp
187'-192'	Limestone Pyrite & Calcite present Little Pyrite	100%	No Lamp
192'-193'	Quartzite Course grained Qtz High Sili. Fine grained Mica	100%	No Lamp
193-195'	Limestone Highly folded Much Pyrite High Sili. Fine grained Mica	100%	No Lamp
195'-197.4'	Limestone Highly folded Much Pyrite Fine grained granite with Mica	100%	No Lamp
197.4'-202'	Veins through it Little Pyrite Almost all Mica & Qtz. Phenocrysts & Feldspar	100%	No Lamp
202'-205'	Grano Diorite Porphyry Pyrite more abundant	74%	No Lamp
205'-212'	Grano Diorite Porphry	100%	No Lamp
212'-214'	Grano Diorite Porphry	100%	No Lamp
214'-222'	Grano Diorite Porphry	100%	No Lamp

Docket DMEA 3609
Contract No. E 707

TNT Inc.
Getchell Box 366
Golconda, Nevada

NARRATIVE

Hole # 2

Footage	Description	Percentage Core Recovery	Percentage Assay
	High Sili Fine grained Mica		
0-9'	Quartz abundant Some decomposed Cr	11%	No Lamp
	High Sili. Fine grained Mica scarse		
9'-11'	Limestone Some Pyrites	100%	No Lamp
	High Sili. Calco pyrite		
11'-16'	Limestone pyrites highly fractured	100%	No Lamp
	High Sili. Grano Diorite Sill 4" thick at 16.3		
16'-17'	Limestone pyrite in 1/4" vein at 16.2	100%	No Lamp
	High Sili. Fine grained Garnets		
17'-21'	Limestone 3" Granodiorite at 17.0' Pyrite	90%	No Lamp
	High Sil. Highly folded bedding		
21'-26'	Limestone Calcite & Pyrite	40%	No Lamp
	High Sil. Fine grained Garnets		
26'-31'	Limestone Qtz & Calcite Phenocrysts	50%	No Lamp
	High Sil. Fine grained garnets		
31'-33'	Limestone & Fine grained - pyrites	100%	No Lamp
	High Sili. Bedding Bedding roughly 11 to hole		
33'-36'	Limestone Fine grained Garnets & Pyrite	100%	No Lamp
	High Sil. Fine grained & pourous		
36'-41'	Limestone Little pyrite	64%	No Lamp
41'-45'	Limestone Large Phenocrysts Calcite	85%	No Lamp
	H20 Course at 47' Some pyrite		
45'-51'	Limestone Large phenocrysts Calcite	100%	No Lamp
	Large Phenocrysts Calcite		
51'-52'	Limestone Small Stringers Black Calcite	100%	No Lamp
52'-55'	Limestone Large Phenocrysts Calcite	100%	No Lamp
55'-60.4	Limestone Large Phenocrysts Calcite	100%	No Lamp
	High Sili.		
60.4'-61.4	Limestone Pyrite Calcite	100%	No Lamp
	Some Sili. Large Phenocrysts Calcite		
61.4'-63.7	Limestone	100%	No Lamp
	High Sili. largely Quartz		
63.7'-64.3'	Limestone Little Pyrite	100%	No Lamp
64.3-65'	Metamorphosed Limestone		
	Large Phenocrysts (1MM) of Calco Pyrite		
	Bornite,Pyrite,Calcite,Fibrous Calcite,Qtz	100%	No Lamp
	Has Pyrite-Calcite crystals & Scheelite		
65'-65.6'	Limestone (Metamorphosed)	100%	No Lamp
	High Silica		
65.6'-66'	Limestone Sm amount Pyrite	100%	No Lamp
66'-69'	Grano diorite Porphry & Sill	100%	No Lamp
	High Sili. Fine grained Garnets		
69'-75'	Limestone Little Pyrite	100%	No Lamp
	Bedding around 20 degrees to Core		

Docket MMA 3609
Contract No. E 707

TNT Inc.
Getchell Box 366
Golconda, Nevada

Hole # 2

Footage	Description	Percentage Recovery	Percentage Assay
75'-79'	Granodiorite Porphory High Silica Very Micaceous	100%	No Lamp
79'-85'	Limestone Pyrites Highly Silicified	100%	No Lamp
85'-89'	Limestone Fine grained Garnets Highly Silicified	100%	No Lamp
89'-95'	Limestone Fine grained Garnets Fine grained Garnets	100%	No Lamp
95'-99'	Limestone High Silica Bedding folded	100%	No Lamp
99'-104'	Limestone High Silica High Silica Bedding folded	100%	No Lamp
104'-109'	Limestone & varies High Silica Bedding folded	100%	No Lamp
109'-114'	Limestone to obscure High Silica Fine grained	100%	No Lamp
114'-119'	Limestone Garnets & Pyrite High Silica Fine grained Garnets & Pyrite	100%	No Lamp
119'-124'	Limestone High Silica Fine grained Garnets	100%	No Lamp
124'-129'	Limestone Bedding at 15 degrees to Core High Silica Fine grained Garnets	100%	No Lamp
129'-134'	Limestone & Pyrite Bd. 15 degrees to Core Very calcareous with inclusions of fine grained garnets	100%	No Lamp
134'-136'	Impure Limestone Inclusions Quartz & Garnets	70%	No Lamp
136'-140.7'	Impure Limestone Some pyrites Fine grained Qtz & Mica & Garnets & Veinlets	97%	No Lamp
140.7-142'	Limestone Fine grained Qtz & Mica & Garnets	97%	No Lamps
142'-145'	Limestone Marcasite present in veinlets	100%	No Lamp
145'-147.5'	Silicified Lime Marcasite-Qtz & Crystalline Calcite	100%	No Lamp
147.5'-149	Limestone Much Marcasite & Pyrites & Calcopyrite	100%	Lamps Gd
149'-154.5'	Limestone Crystalline Calcite	100%	Lamps Gd
154.5'-155'	Limestone Crystalline Calcite	100%	No Lamp
155'-157'	Limestone Crystalline Calcite	100%	No Lamp
157'-164.8'	Limestone Crystalline Calcite	100%	No Lamp
164.8'-165'	Garnets & Marcasite at 164' 3" thick Limestone Fine grained Calcite Little Pyrite	100%	Lamps Little
165'-167'	Silicified Limestone	100%	No Lamps

TMT Inc.
Gotchell Box 366
Golconda, Nevada

Docket MLA 3609
Contract No. E 707

Hole # 2

Footage	Description	Percentage Core	Percentage Assay
	High Silli Mica very fine grained Qtz.		
167'-169'	Limestone Fine grained to medium grained Interbedded with Horn Fels	90%	No Lamp
169'-174'	Granodiorite Porphery These are intermixed	90%	No Lamp
174'-177'	Limestone & Granodiorite Porphery Included Limestone	100%	No Lamp
177'-184'	Granodiorite Porphery Little included Limestone	100%	No Lamp
184'-187'	Granodiorite Porphery	100%	No Lamp
187'-187.5'	Granodiorite Porphery	100%	No Lamp
187.5'-187.9'	Limestone Little included Lime & Hornfels	100%	No Lamp
187.9'-194'	Granodiorite Porphery	100%	No Lamp
194'-194.8'	Granodiorite Porphery	100%	No Lamp
194.8'-196'	Limestone Mica present	100%	No Lamp
196'-196.6'	Granodiorite Porphery	100%	No Lamp
196.6'-197'	Limestone Mica present High Silli. Mica & Garnets	100%	No Lamp
197'-203'	Limestone present High Silica Bedding folded to obscure	100%	No Lamp
203'-207'	Limestone Qtz & Pyrites present Highly Siliceous & Micaseous	100%	No Lamp
207'-210'	Limestone Little pyrite & Calcopyrite Bedding roughly 50 to 60 degrees to core Highly silicified & dense	100%	No Lamp
210'-211'	Limestone Green shade Bedding roughly 65 degrees to Core	100%	No Lamp
211'-211.4'	Granodiorite Highly silicified & Metamorphosed	100%	No Lamp
211.4'-213.1'	Limestone folded intensely little granodiorite running through it Greenshade	100%	No Lamp
213.1'-223	Granodiorite Porphyry		
223'-237'	Granodiorite Porphyry	100%	No Lamp

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JUL - 7 1955

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

July 5, 1955

Memorandum

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Interim Inspection Report

Attached are the original and three copies of an Interim Report on:

Docket No. DMEA- 3609

Contract No. Idm-E 787

Commodity Tungsten

Operator TNT, Inc.

Property TNT Inc. Mine (Mtn. Queen Claims)
Humboldt Co., Nev.

By H. W. Jones

Dated 7/5/55

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

Attachments 4

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

BUREAU OF MINES
WASHINGTON, D. C.
JUL 7 9 24 AM '55

INTERIM REPORT

Docket No.: DMEA-3609 - Tungsten July 5, 1955

RECEIVED
JUL - 7 1955

Name and address of Operator: Mr. Fred J. Bartels
TNT Inc.
c/o Getchell
P. O. Box 366
Golconda, Nevada

Name and location of property: TNT Inc. Mine
Mountain Queen claims
Humboldt County, Nevada

Contract No.: Idm-E787

Information was received from the Operator that the contract diamond drillers would be ready to start operations by June 22, 1955. Accordingly, a visit was made to the TNT mine on June 20, 1955. The drill station was staked and bearings set for the drill holes as determined by the map accompanying the contract. A surface alignment of N. 55° E., and -30° dip was laid out for proposed drill hole No. 1. Using the same drill station, proposed drill hole No. 2 was aligned on a N. 73° E. strike and having a -30° dip. Drilling is to be done by the Boyles Bros. drilling company of Salt Lake City, Utah.

Henry W. Jones

Henry W. Jones

Henry W. Jones
Mining Engineer

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

THE INTERIOR
Minerals Administration
RECEIVED
MAY 13 1955

1605 Evans Avenue
Reno, Nevada

May 11, 1955

Memorandum

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMEA-3609 - Tungsten
TNT, Inc.
TNT Inc. Mine
Mountain Queen claims
Humboldt County, Nevada
Contract No. Idm-E787

Reference is made to your letter of April 21, 1955 with which you transmitted the original and five copies of the above subject contract.

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

S. Ricker

Encls.

BUREAU OF MINES
WASHINGTON, D. C.

MAY 13 8 13 AM '55

400

DOCKET
Surname:
Rutledge
Holladay
Navarro
Chandler
Selfridge
F E Johnson

APR 21 1955

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

Re: Docket No. DMEA 3609-Tungsten
TNT, Inc.
TNT Inc. mine
Mountain Queen claims
Humboldt County, Nevada

Dear Mr. Ricker:

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 two maps.

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.

Please note that the location, direction, inclination, and approximate depth of the drill holes are subject to the prior written approval of the Government.

Sincerely yours,

George C. Selfridge (GCS)
Chairman, Operating Committee

Enclosures

APPROVED:

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

Thor H. Kiilsgaard (THK)
Member, Geological Survey

cc: Docket
Adm. Reading File
Code 400
Oper. Committee
FT, Reg. 2 - Reno
Thor Kiilsgaard, USGS
Robt. Holliday, USBM

FARutledge/ls 4/19/55

R.C.G.

400

DOCKET
SURNAME
Rutledge
Martin

April 6, 1955

Memorandum

To: Acting Assistant Solicitor, Defense Minerals

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

Subject: Review and preparation of Exploration Contract
Docket No. DMEA 3609 - Tungsten
TMT Inc.
TMT Inc. mine
Mountain Queen claims
Humboldt County, Nevada

Transmitted herewith is a rough draft of a proposed contract for your use in preparing the final draft. Copies of the two maps referred to in the draft are attached hereto.

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

Attachment

FARutledge:foc
4-6-55
cc to: Docket
Code 400
Adm. Reading File

TMT INC
EXPLORATION PROJECT CONTRACT
Docket No. DMEA 3609

EXHIBIT "A"

DESCRIPTION OF THE WORK

The exploration work on this project is indicated on the map attached hereto and made a part hereof entitled "Figure 2 - Geologic Map of the TMT mine, Humboldt County, Nevada."

Diamond drill two holes not less than AX in size; total footage to be drilled shall not exceed a maximum of 600 feet. The location, direction, inclination, and approximate depth of each hole shall be subject to the prior written approval of the Government.

All drill cores shall be stored in appropriate core boxes and properly marked for examination and logging by the Government.

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 be furnished to the Government.

ESTIMATED COSTS OF PROJECT

AGREED UNIT COSTS

Drill 600 feet at $7.50 per foot	$4,500.00
Analyse 40 samples for WO_3 at $5.00 per sample	200.00
TOTAL AGREED COSTS	$4,700.00
GOVERNMENT PARTICIPATION @ 75%	$3,525.00

EXPLORATION PROJECT CONTRACT

TMT INC.

DOCKET NO. DMEA 3609

ANNEX I

The land referred to in Article 2 of the Contract consists of four (4) unpatented mining claims located approximately 1.2 miles west of the Getchell Mill, Red House, Nevada, and recorded in the office of the Humboldt County Recorder, Humboldt County, Nevada at Winnemucca, Nevada, as follows:

Name of claim	Book No.	Page No.
Mountain Queen No. 6	6	584
Mountain Queen No. 7	6	584
Mountain Queen No. 12	6	587
Mountain Queen No. 13	6	587

Location of the above-referenced claims is indicated on Plate I attached hereto and made a part hereof.

Docket

IN REPLY REFER TO:

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

March 31, 1955

Re: DMEA-3609
TNT Inc.
(Mountain Queen Claims)
Humboldt Co., Nevada
$4,800 - Tungsten

WSM

Memorandum

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

From: E. L. Newcomb, U. S. Geological Survey

Subject: Review of exploration proposal

The operator's proposal to drill 15 holes to test the scheelite-bearing contact zone on the Mountain Queen No. 6 claim is not justified.

However, the limited program (2 drill holes) recommended by the Field Team is reasonable and is confined to the best target on the property. The proposed holes will test beneath the open pit where 605 tons of 0.87 percent WO_3 ore has been produced. The Field Team states that two 18 foot vertical holes are reported to have remained in ore averaging 0.5 percent WO_3, which suggests the possibility that ore extends to depth.

I recommend the two drill holes be approved and that the locations be subject to the Field Team's prior approval.

E. L. Newcomb

E. L. Newcomb

DMEA

Docket

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

1605 Evans Avenue
Reno, Nevada

March 18, 1955

Memorandum

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMEA-3609 - Tungsten
TNT Inc. mine
Mountain Queen Claims
Humboldt County, Nevada

In response to your letter of January 10, 1955 on above subject docket, we are attaching four copies of report DMEA-3609, TNT, Inc., Mountain Queen claims, Humboldt County, Nevada (Tungsten) by R. M. Smith, geologist, U. S. Geological Survey and G. G. Gentry, mining engineer, U. S. Bureau of Mines dated March 11, 1955.

The report recommends that an exploration project be approved consisting of two diamond drill holes totaling 600 feet at a cost of $4,800.00; Government participation would be $3,600.00.

The proposal seems reasonable and I recommend that a contract be consummated.

S. Ricker

Attachments

F.T. on-site exam

Reviewed by
DMEA OPERATING COMMITTEE
3-25-55
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DOUGLAS McKAY, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION II

DMEA-3609

TNT, Inc., Mountain Queen Claims

Humboldt County, Nevada

(Tungsten)

R. M. Smith, Geologist
U. S. Geological Survey

Glenn G. Gentry, Mining Engineer
U. S. Bureau of Mines

March 11, 1955

Reviewed by
DMEA OPERATING COMMITTEE
3-25-55
(date)

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ILLUSTRATIONS

Figure 1 - Location map
Figure 2 - Geologic map of the TNT Mine, Humboldt County, Nevada

EXAMINATION REPORT

Docket No.: DMEA-3609 (Tungsten)

Applicant: TNT, Inc.
P. O. Box 366, Getchell Mill
Red House, Nevada
c/o Fred J. Bartels, Manager

Property: TNT, Inc. Tungsten Mine
Adjacent to the Getchell Mill
Humboldt County, Nevada

INTRODUCTION

TNT, Inc., Mr. Fred J. Bartels, Manager, applied to the Defense Minerals Exploration Administration on December 14, 1954 for financial assistance in a $29,250.00 project to explore an exposure of tungsten ore on the Mountain Queen No. 6 mining claim.

The mine was examined February 27, 1955. During the examination the examining engineers were accompanied by:

Mr. Fred J. Bartels, Manager for the applicant, and
Mr. Lyman Thomas, a partner of the applicant.

Due to the depth of snow covering, the examination was confined principally to the open pit from which the applicant had partially removed the snow. The surface geology (fig. 2) was mapped during the summer of 1954 by P. E. Hotz and C. R. Willden as part of U. S. Geological Survey investigations in the Osgood Mountains. The deposit was also mapped by Stager and Willden in February 1954 in response to application DMEA 3203.

SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

The tungsten ore bodies on the Mountain Queen claims are pods of disseminated scheelite in zones of silicated limestone or tactite within lenses of metamorphosed limestone. The limestone lenses are erratically distributed and discontinuous. Where these lenses are cut by a granodiorite contact small ore bodies result. Reserves of a few hundred tons of measured and indicated ore and 4,000 tons of inferred reserves averaging 0.5 percent WO_3 are estimated on the Mountain Queen No. 6 claim.

The applicant has proposed an indefinite program of exploration by diamond drilling in the area of the existing open pit. The ore reserves justify a small DMEA exploration program to test the downward continuation of ore exposed in the pit. It is recommended that a project be approved consisting of two diamond drill holes to total 600 feet at a maximum cost of $4,800.00. Government participation at 75 percent would amount to $3,600.00.

NAME AND LOCATION OF PROPERTY

(a) The TNT, Inc. Tungsten is situated 44.8 miles northeast of Winnemucca, Nevada, and is approximately 1.2 miles west of the Getchell Mill.

(b) The mine is located in Humboldt County, Nevada.

(c) The mining claims are reported to be located in sec. 32, T. 39 N., R. 42 E. and in the Potosi mining district.

CONDITION AND ACCESSIBILITY OF ROAD

From Winnemucca, Nevada a traveler proceeds easterly on U. S. Highway 40 for a distance of 18 miles via an all weather road, thence northerly on Nevada State Highway No. 18 for a distance of 14 miles via an all weather road, thence northerly on an improved graveled road for a distance of 12.8 miles to the Getchell Mill of the Getchell Mine, Inc. A trailer house occupied by Mr. Bartels is located adjacent to the mill. From Bartels' trailer house to the TNT Tungsten Mine it is approximately 1.2 miles via an unimproved mountain road having heavy gradients suitable only for motor vehicles having an extra low gear ratio. The road from Nevada State Highway No. 18 to the Getchell Mill is a private road and is maintained for all weather travel by the Getchell Mine, Inc. The road from Bartels' camp to the TNT mine is presently maintained by the applicant and is subject to closing at any time during the winter months by snow storms and high winds which cause excessive drifting of snow. Muddy roads during the spring months will also render travel difficult at times.

COMPETENCY OF APPLICANT AND OPERATING PERSONNEL

Mr. Bartels, who states that he expects to supervise the proposed exploration, reports that he has had 30 years experience as a mining operator and engineer and is presently engaged in producing tungsten ore from land several miles west of the Mountain Queen No. 6 claim.

Mr. Lyman Thomas, one of the partners in the company, reports that he has had many years experience as a hard rock miner and appears to have a much better knowledge of the property than Mr. Bartels.

Mr. Bartels also reported: "Funds are available in the treasury and will be set aside to take care of our share of this exploration."

APPLICANT'S PROPERTY RIGHTS

The applicant states the TNT, Inc. hold 13 unpatented mining claims, by right of location, that all assessment work has been done on these claims and that no financial obligations are against said claims, which are:

Name of claim	Recording Data Book No.	Page No.
Mountain Queen No. 3	A4	312
Amended location	6	582
Mountain Queen No. 4	A4	312
Amended location	6	583
Mountain Queen No. 5	A4	313
Amended location	6	583
Mountain Queen No. 6	6	584
" 7	6	584
" 8	6	585
" 9	6	585
" 10	6	586
" 11	6	586
" 12	6	587
" 13	6	587
" 14	6	588
" 15	6	588

These mining claims are reported to be recorded in the office of the Humboldt County Recorder, Humboldt County, Nevada at Winnemucca, Nevada.

The mining claims considered to be pertinent to the proposed exploration are: Mountain Queen Nos. 6, 7, 12 and 13, and the other claims listed should be excluded.

DEVELOPMENT AND SURFACE FACILITIES

The operators have constructed a road to the open pit in which

location the proposed drilling will be conducted. The open pit dimensions are approximately 30 feet deep x 60 feet wide x 80 feet in length. No mining operations are presently conducted in this area. The operators have the following mining equipment on hand, owned by the TNT, Inc., and in use at one of their adjacent properties:

1 - IR Air Compressor, 105 cu.ft. capacity

1 - Swede Air Leg - with drill steel, air and water hose

1 - Byers Power Shovel - 3/4 cu.yd. dipper, mounted on cat treads

1 - DD Slusher with cables and scraper

1 - Cat 4D Power Loader

1 - 3/4 ton Chevrolet pickup truck

Mr. Bartels valued the above equipment at $27,000.00. The company, however, owe a balance of $750.00 on the Byers power shovel. The above equipment appears to be in good operating condition.

Current mining operations are being conducted on a deposit on adjoining land owned by the Southern Pacific Railroad which is west of the Mountain Queen claims and is under lease to the applicant. The applicant reports that this deposit is not eligible for a DMEA loan because the owner will not sign a Consent to Lien.

PAST OPERATION

The operators started opening up the pit about July 1, 1954 and discontinued mining operations about December 22, 1954. During this period the following tonnage of scheelite ore was mined and shipped via truck to the Getchell Mill:

Date	No. Trucks	Net dry tons	%WO_3	Value at Mill	Treatment charges	Net Proceeds	Contained Units WO_3
8-4-54	11	82.7105	0.50	$ 1,521.86	$ 506.26	$ 1,015.60	41.355
"	3	23.083	0.31	263.35	148.50	114.85	7.156
8-6-54	4	29.679	0.37	404.11	188.07	216.04	10.981
8-10-54	14	111.274	0.56	2,293.10	677.64	1,615.46	62.313
8-10/11-54	4	34.7465	0.25	319.70	218.48	101.22	8.687
8-12/14-54	2	16.2935	0.24	143.89	107.76	36.13	3.910
8-18-54	6	54.3305	1.28	2,559.16	335.98	2,223.18	69.543
8-19-54	2	16.1735	0.16	95.22	107.04	---	2.588
9-19/20-54	9	83.4965	2.18	6,698.43	510.98	6,187.45	182.022
9-21-54	2	17.3645	1.75	1,118.26	114.19	1,004.07	30.388
8-21/23-54	7	70.983	0.71	1,854.63	435.90	1,418.73	50.398
9-28/29-54	8	64.647	0.88	2,093.51	397.88	1,695.63	56.889
	72	604.7815	0.87 wt.avg.	$19,365.22	$3,748.68	$15,628.36	526.2300
Less shipment on 8-19-54						11.82	
						$15,616.54	

Dividends at $0.15 per share are reported to have been paid to the stockholders during the summer of 1954. The TNT, Inc. is reported to be incorporated in the State of Nevada. The incorporation amounting to $75,000.00, consists of 150,000 shares of stock at $0.50 per share. A total of 38,600 shares are reported to have been issued to:

Name	Address	Number of shares	Unsold shares of Treasury stock
Richard O. Eymann	Star Route, Mohawk, Oregon	5250	
Wm. J. Holly	366 S.79th St., Springfield, Oregon	7750	
Fred J. Bartels	P.O.Box 366, Red House, Nevada	5000	
Lyman Thomas	Battle Mountain, Nevada	4500	
Pete Taylor	"	4500	
Robert L. Taylor	"	3500	
Kenneth Nielson	"	4500	
Ned Bell	"	3600	
		38600	111,400

The operators have retained Mr. James Callahan, Attorney at Law, Humboldt County Court House, Bridge Street, Winnemucca, Nevada, to represent them in all legal matters.

Officers of the TNT, Inc. Company are listed as:

Name	Position	Address
Robert L. Taylor	President	Battle Mountain, Nevada
Fred J. Bartels	Vice Pres. & Gen'l Mgr.	P.O.Box 366, Red House, Nev.
Milton V. Taylor	Secty. & Treasurer	Battle Mountain, Nev.
Richard O. Eymann	Vice President	Star Route, Mohawk, Oregon
William J. Holly	"	366 S.79th St., Springfield, Ore.
Kenneth Nielson	"	Battle Mountain, Nevada
Lyman Thomas	"	" "

MANPOWER, SUPPLIES, ETC.

The usual mining labor can probably be obtained from Winnemucca, Nevada, and/or from adjacent towns. The major part of mining supplies may also be obtained from Winnemucca and the operators can also probably obtain some supplies from the warehouse of the Getchell Mine.

GEOLOGY

The Mountain Queen claims lie on a granodiorite contact at the north end of the Osgood Range. The sedimentary rock in this part of the range is principally shale of Middle Cambrian age, containing

a few quartzite and limestone beds as much as 200 feet thick and a few discontinuous limestone lenses. These rocks have been intruded by a granodiorite stock about 8 miles long and 2 miles wide which forms the core of the range. Near the contact the shales have been metamorphosed to hornfels and the limestones have been silicified or metamorphosed to tactite. Most of the tactite bodies contain scheelite and a few of large tungsten deposits and several smaller ones border the stock.[1/]

The Mountain Queen claims cover a section of the contact along the northwest side of the granodiorite. In this area the metamorphic rocks are argillaceous hornfels which contain discontinuous lenses of limestone and limy hornfels. In general the bedding strikes northerly and dips steeply and the beds are truncated by the granodiorite, but on the Mountain Queen No. 6 claim bedding in almost all attitudes has been observed, and it is unsafe to project strikes or dips more than a few feet.

ORE DEPOSITS

Scheelite showings on the Mountain Queen No. 5 claim examined in 1954 in response to application DMEA 3203, are the same ones described herein, but renamed Mountain Queen No. 6.

The ore body revealed in the open pit on the Mountain Queen No. 6 claim is a limestone lens about 50 feet wide and 100 feet or more long which occupies an embayment in the granodiorite (fig. 2). Parts of

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1/ Hobbs, S. W. and Clabaugh, S. E., 1946, Tungsten deposits of the Osgood Range, Humboldt County, Nevada: Univ. Nev. Bull. Vol. XL, No. 5, Pl. 1.

the limestone contain disseminated pyrite, other parts contain disseminated scheelite, but the best ore is a lens about 5 feet wide of silicated limestone which contains both scheelite and pyrite. In a few places scheelite also occurs finely disseminated in hornfels near the granodiorite contact.

The limestone is not everywhere mineralized with scheelite. The ore that has been mined is reported to have come from a horizontal layer about 20 feet below the surface. The ore body trends generally north and is surrounded by a halo of gossan-like material composed of iron oxide and silica, which is called "capping." This "capping" appears to underlie, overlie, and cut through parts of the ore body. Scheelite ore is reported to have cropped out on the surface above the pit in a very small showing. (DMEA 3203, Sample BM532.) Most of the ore has come from the bottom 6 or 8 feet of the pit, and two 18-foot vertical drill holes in the bottom of the pit are reported to be all in ore averaging .5 percent WO_3 or better.

The best ore that was mined contained from 1 to 1.5 percent WO_3. Total production from this pit is said to be 604.7815 tons averaging 0.87 percent WO_3 which grossed $19,365.22.

SAMPLING

Owing to snow conditions, sampling was confined to the exposures of scheelite at the base of the face of the open pit. (Refer to fig. 2 for the location of these samples.)

Sample No.	Width	Description	%WO_3
BM 1485	6.3 ft.	West face of pit - Near south side. Lms-gr-qtz-heavy Fe sulphides.	0.73
" 1486	8.6 "	West side of pit - 5 ft. south of 1485. Lms-tactite-epidote-garnets-considerable Fe sulphides.	0.12
" 1487	13.0 "	West face of pit - Mostly Lms - Heavy sulphides. 5.7 ft. North of end of No. 1485.	0.54
" 1489	5.7 "	Face of pit - Between Nos. 1485 and 1487. Lms-tactite-qtz-heavy Fe sulphides.	0.86

ORE RESERVES

Measured reserves of a few tons averaging 0.56 percent WO_3 are revealed around the edge of the pit on Mountain Queen No. 6 claim, and indicated reserves of a few hundred tons may be found below the pit. The ore body may extend to a depth of 100 feet below the pit in a block 50 by 100 feet, and assuming a tenth of this block is ore then 4,000 tons averaging 0.6 percent WO_3 is inferred.

PROPOSED EXPLORATION

In the application, Mr. Bartels has proposed to drill 15 diamond drill holes, each hole to a depth of 300 feet, or a total of 4,500 feet of drilling at a cost of $6.50 per foot, amounting to $29,250.00. Government participation of this amount at 75% would be $21,937.50.

However, during the examination and subsequent conference, Mr. Bartels explained that he had no firm proposal for the drilling and wanted the examining geologist and engineer to propose an exploration program. He did, however, suggest drilling diamond drill holes

through the granodiorite contact to test the downward and lateral continuation of the ore body mined in the Mountain Queen No. 6 pit. His reason for suggesting this was his belief that 80 percent of the contact of the Osgood stock consists of tungsten ore. Drilling random holes aimed simply to cut the contact without geologic evidence of ore bodies at depth is not justified.

If a section of the granodiorite contact could be found where the strike and dip of the limestone beds are parallel with the contact, then a target for exploration might be inferred, but this parallelism is not likely as bedding planes in all attitudes are observed in the immediate vicinity of the area of proposed exploration.

The method suggested by the applicant is a sound one to test the downward continuation of the ore body mined in the open pit. Considering the erratic nature of tungsten deposits such a project qualifies as exploration.

These considerations were discussed with the applicant who revised his drilling proposal to a less ambitious program consisting of two 300-foot drill holes (fig. 2) to cut the ore zone about 100 feet below the pit.

The examining engineers consider that the tungsten ore exposed at the base of the present pit on the Mountain Queen No. 6 claim justifies 2 diamond drill holes of 300 feet each, or a total of 600 feet, to explore for the downward continuation of the ore body. Inasmuch as the amount of the diamond drilling footage is small it is doubtful that an independent contractor could afford to enter a bid on the basis of $6.50 per foot as submitted by Mr. Bartels. However,

the examining engineers consider that a cost of $8.00 per foot is sufficient to include the rental of a diamond drill rig and to provide labor, supplies, hauling water and necessary sampling and assaying.

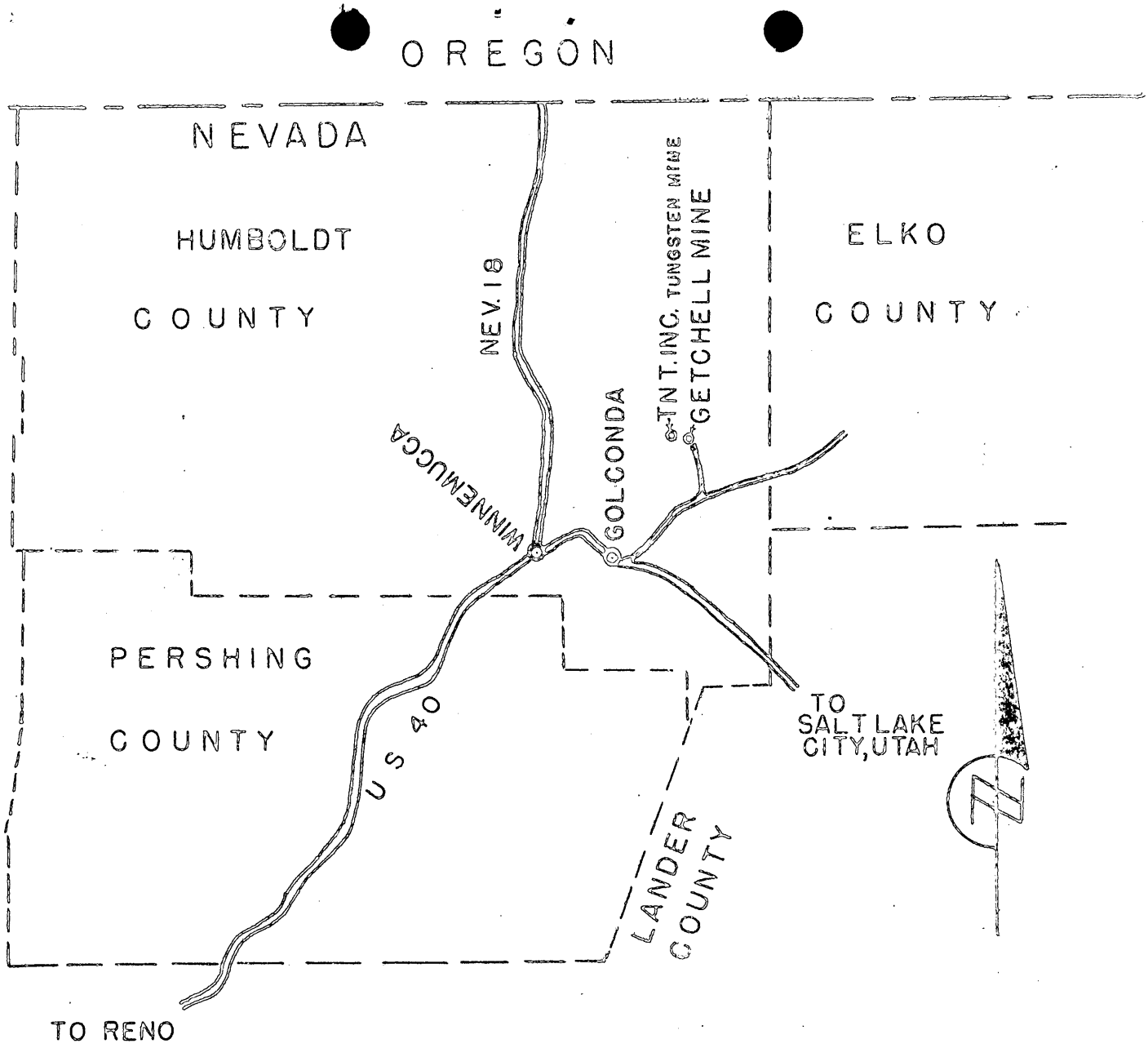
The examining engineers also recommend that a contract, if approved, specify that the drill holes are not to be started until the location of said drill holes are discussed with representatives of the Government. The applicant is to properly care for the drill cores and store same for inspection by Government.

	Amount	Cost Per Foot
Supervision and accounting and sampling	$ 400.00	$0.67
1 - drill operator at $25.00 per day for 30 days	750.00	1.25
1 - drill operator helper and truck driver at $15.00 day for 30 days	450.00	0.75
Hauling water: Truck travel for 180 miles at $0.14 mile	25.20	0.04
Assaying: 30 samples for WO_3 at $5.00 each	150.00	0.25
Supplies for drill rig	300.00	0.50
Prepare drill site	50.00	0.08
Truck costs moving drill rig to and from mine	50.00	0.08
Transportation of men - 100 miles at $0.10	10.00	0.02
		3.64
Insurance	301.92	0.53
		4.17
Necessary core boxes	25.00	0.04
Rental of drill rig with rods and bits operated by gasoline engine	2,250.00	3.75
	$4,762.12	$7.96
Rounded to		$8.00

The contract, if approved, to be prepared upon a unit or footage basis.

Independent contracts:	None
To be purchased:	None
To be rented by the operator:	1 - diamond drill machine, powered by a gasoline engine, with necessary drill rods and bits, size "AX", and with all operating tools.
Rehabilitation and repairs of existing buildings, installations:	None
New buildings, improvements, installations:	None
Total cost of project:	$4,800.00
Government participation at 75%:	$3,600.00

The examining engineer considers that the drilling project can be completed in 30 working days.



T N T, INC.

HUMBOLDT COUNTY, NEVADA

DOCKET No. DMEA 3609 - TUNGSTEN

FIGURE, 1

SCALE 1" = 25 MILES

For the present, pleas

EXPLANATION

TACTITE

GRANODIORITE

LIMESTONE

HORNFELS AND ARGILLITE

OPEN PITS AND CUTS

ROAD TO GETCHELL MILL

MQ
MOUNTAIN QUEEN CLAIMS
OWNED BY TNT INC

TNT INC

R 42E T 39N SEC 32

Scale 1" = 600'

SOURCES:

University of Nevada Bulletin Vol. 40 No. 5 Plate 1

U.S. Dept. of Interior Geological Survey - Osgood Mountains Quadrangle

PLATE I

DOCKET
Surname:
Martin
R. Johnson

JAN 12 1955

Hon. George W. Malone
United States Senate
Washington 25, D. C.

My dear Senator Malone:

On January 11, 1955, we received your letter of January 5 requesting information on the status of the application for exploration aid, dated December 15, 1954, submitted by Mr. Fred J. Bartels, Red House, Nevada, our Docket No. DMEA 3609-Tungsten, Mountain Queen claims (TNT, Inc., mine).

The above-mentioned application from Mr. Bartels was received here on December 20, 1954. After review by our Iron and Ferro-Alloys Division and by the commodity specialists of the Bureau of Mines and the Geological Survey, on January 10, 1955, we asked our Field Team, Region III, to make a field examination of the Mountain Queen claims.

Because you have indicated an interest in this matter, we will report to you as soon as our consideration of the application is completed.

Sincerely yours,

C. O. Mittendorf

Administrator

cc: Docket
FT, Region 3
Code 400
Adm. Read. File
T. Kiilsgaard, USGS
R. W. Geehan, USBM

WSMartin/ls
1-11-55

R.C.J.

GUY CORDON, OREG., CHAIRMAN
EUGENE D. MILLIKIN, COLO.
GEORGE W. MALONE, NEV.
ARTHUR V. WATKINS, UTAH
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ALTON LENNON, N. C.
THOMAS A. BURKE, OHIO
KIRKLEY S. COULTER, CHIEF CLERK

400

United States Senate

COMMITTEE ON
INTERIOR AND INSULAR AFFAIRS

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 11 1955

January 5, 1955

Unrea. -3609 - out for F.T. exam. (43203 denied)

TNT, Inc.

Mr. C. O. Mittendorf
Administrator
Defense Minerals Exploration Admin.
Department of the Interior
Washington 25, D. C.

WBM

Dear Mr. Mittendorf:

I am writing on behalf of Mr. Fred J. Bartels of Red House, Nevada, who has made application to your agency for an exploration loan.

His application for aid in an exploration project, pursuant to DMEA Order 1, under the Defense Production Act of 1950, as amended, was sent to you December 15, 1954. It would be appreciated if you would advise me the status of his loan application and of any other pertinent information.

With best wishes, I am

Sincerely yours,

George W. Malone

DOCKET
SURNAME

400 Rutledge
Martin
Geehan
Kiilsgaard
Hedges
Selfridge
H Johnson

JAN 1 0 1955

TMT Inc.
Getchell Mine
P. O. Box 366
Red House, Nevada

Re: Docket No. DMEA 3609 - Tungsten
TMT Inc. mine
Mountain Queen claims
Humboldt 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. Spangler Rieker, Executive Officer, DMEA Field Team, Region III, 420 Customhouse, 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. Mittendorf (for)

Administrator

FARUTIEDGE:foc
1-5-55
cc to: Docket
Code 400
Adm. Reading File
Operating Comm.
FT. REG. III
R. W. Geehan, USBM
T. H. Kiilsgaard, USGS

R.C.S.

DOCKET
SURNAME

400 Rutledge
Martin
Geehan
Selfridge
Kjellmeen

JAN 1 0 1955

Mr. Spangler Ricker, Executive Officer
DMEA Field Team, Region III
420 Customhouse
555 Battery Street
San Francisco 11, California

Re: Docket No. DMEA 3609 - Tungsten
TMT Inc.
TMT Inc. mine
Mountain Queen claims
Humboldt County, Nevada

Dear Mr. Ricker:

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

A prior application from the same applicant, for exploration assistance restricted to the Mountain Queen No. 5 claim, was denied April 2, 1954. The deposit in that area now appears to be covered by the present Mountain Queen Nos. 8 and 9 claims.

A new appraisal of the area by the Field Team seems justified by the recorded production from the Mountain Queen No. 6 claim. During the examination copies of all available settlement sheets covering production from the Mountain Queen claims should be obtained from the applicant.

Two copies of a relevant memorandum dated December 30, 1954, by E. L. Newcomb, Geological Survey, are enclosed for your information.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (JHB)

Enclosure

APPROVED:

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

Thor H. Kiilsgaard
Member, Geological Survey (JHB)

FARutledge:foc
1-5-55
cc to: Docket
Code 400
Adm. Reading File
Operating Comm.
FT. Reg. III
R. W. Geehan, USBM
T. H. Kiilsgaard, USGS

R.C.

Docket

IN REPLY REFER TO:

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

December 30, 1954

Re: DMEA-3609
TNT Inc.
(Mountain Queen Claims)
Humboldt Co., Nevada
$29,250 - Tungsten

WSM

Memorandum

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

From: E. L. Newcomb, U. S. Geological Survey

Subject: Review of application

The TNT Inc. was denied DMEA exploration assistance (Docket DMEA-3203) on April 2, 1954, for a project on the Mountain Queen No. 5 claim.

A Field Team examination report had recommended the application (DMEA-3203) should be denied. The applicant's proposed stripping and trenching work was primarily prospecting inasmuch as promising evidence of mineralized tactite zones was not exposed on the property. Diamond drilling was not justified on basis of the very limited tungsten mineralization in a few small, localized tactite occurrences.

The applicant's present proposal (DMEA-3609) is exclusively diamond drilling to prove the presence of tungsten mineralization at depth. In order for a program of this type to be geologically feasible, a persistent continuous zone of mineralized tactite or other favorable host rock should be clearly delineated by preliminary prospecting or exploration. Our present information does not indicate that such a zone has been proven to exist on the Mountain Queen claims. Under the circumstances, I believe we are justified in denying the applicant's proposed drilling project.

The settlement sheets for production from the Mountain Queen No. 6 should be requested from the applicant as supporting material for his application. Inasmuch as the previous field examination was limited to the Mountain Queen No. 5 claim and the reported

Copy retained 400

production of 604 tons of 0.87 percent WO_3 was obtained from the Mountain Queen No. 6 claim, another examination of the entire Mountain Queen group of claims may be warranted. Although diamond drilling is not justified at this time, it is possible that sufficient prospecting may have been done to indicate the Mountain Queen claims have some merit and a limited amount of exploration assistance is warranted.

E. L. Newcomb

E. L. Newcomb

December 22, 1954
Subject: DMEA-3609
Re: Exploration Assistance
TNT Inc. Mine

TNT Inc.
Getchell Mill
P. O. Box 366
Red House, Nevada

Gentlemen:

The receipt of your application dated December 14, 1954 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-3609 and referred to the Iron and Ferro-Alloys Division.

Kindly identify all future correspondence relating to your application by this docket number.

Sincerely yours,

Robert E. Adams, Chief
Operations Control and
Statistics Division

60932

DEC 20 1954

TNT INC.
Getchell Mine
P.O. Box 366
Red House, Nevada

December 15, 1954

Defense Minerals Administration
Department of Interior
Washington 25, D. C.

Gentlemen:

Herewith is an application for aid in an exploration project, pursuant to DMEA order 1, under the defense production act of 1950, as amended.

The application comprises: (1) filled-in regulation form MF - 103 with 6 attached sheets. (2) 3 maps of mining claims which show location where work will be done.

Other information will be furnished at your request. Personal conference can be arranged if you so desire.

The TNT Inc. address is Getchell Mine, P.O. Box 366, Red House, Nevada.

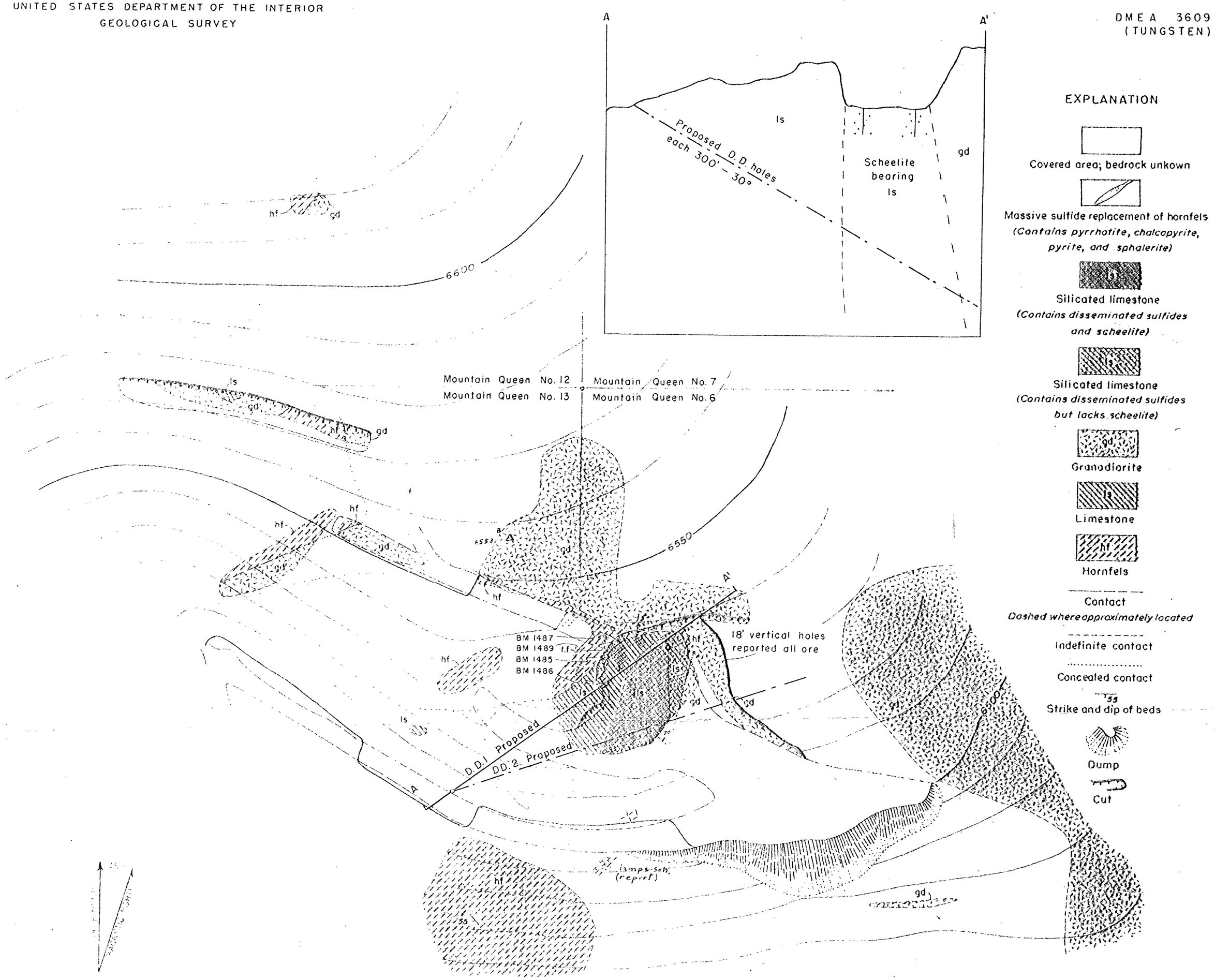
Very truly yours,

Fred J. Bartels

Fred J. Bartels

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DME A 3609
(TUNGSTEN)



Mapped by P. E. Hotz and C. R. Wilden, 1954
Additions by R.M. Smith, 1955

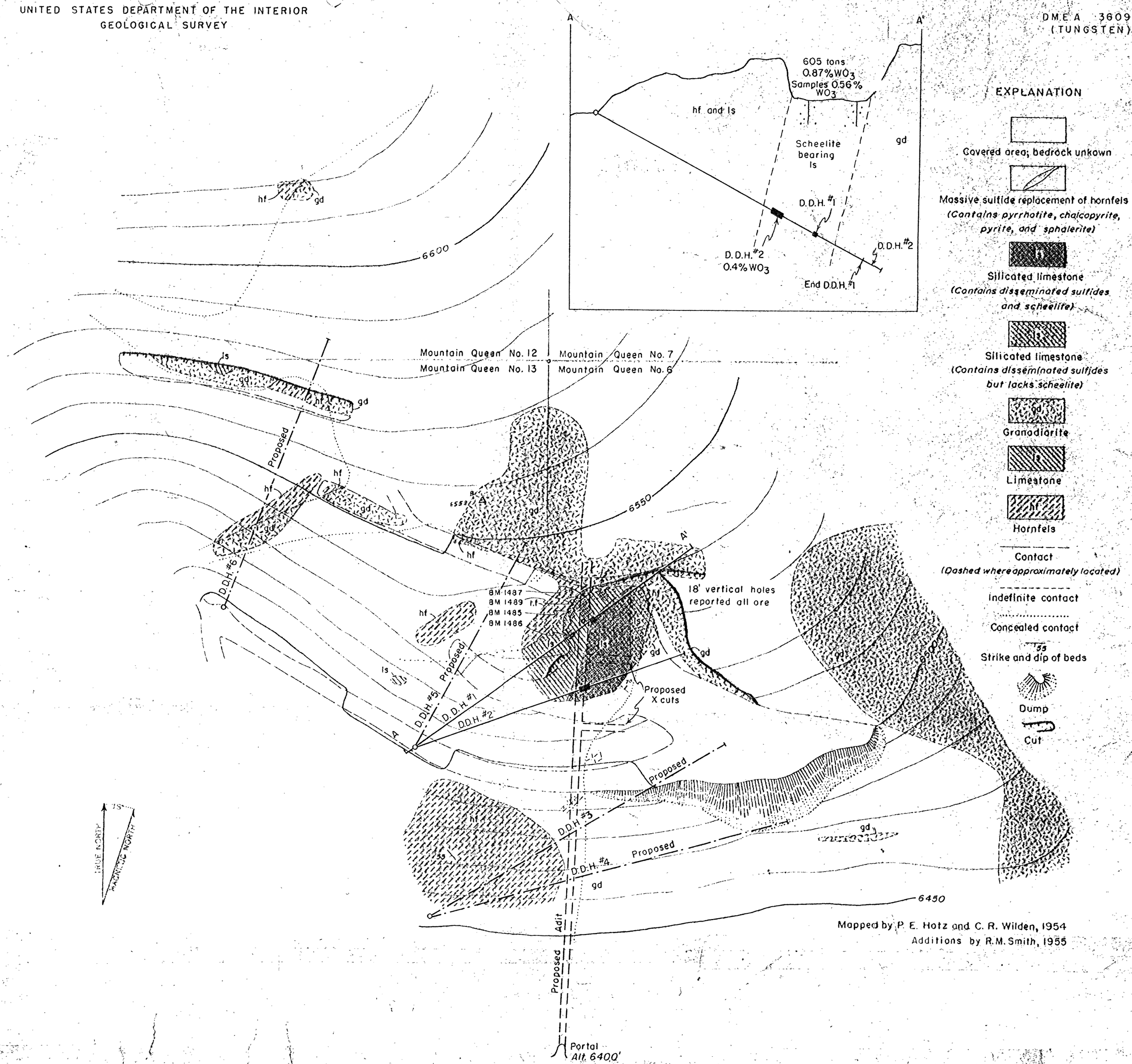
GEOLOGIC MAP OF THE TNT MINE, HUMBOLDT COUNTY, NEVADA

50 0 50 100 150 Feet

Figure 2

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA 3609
(TUNGSTEN)

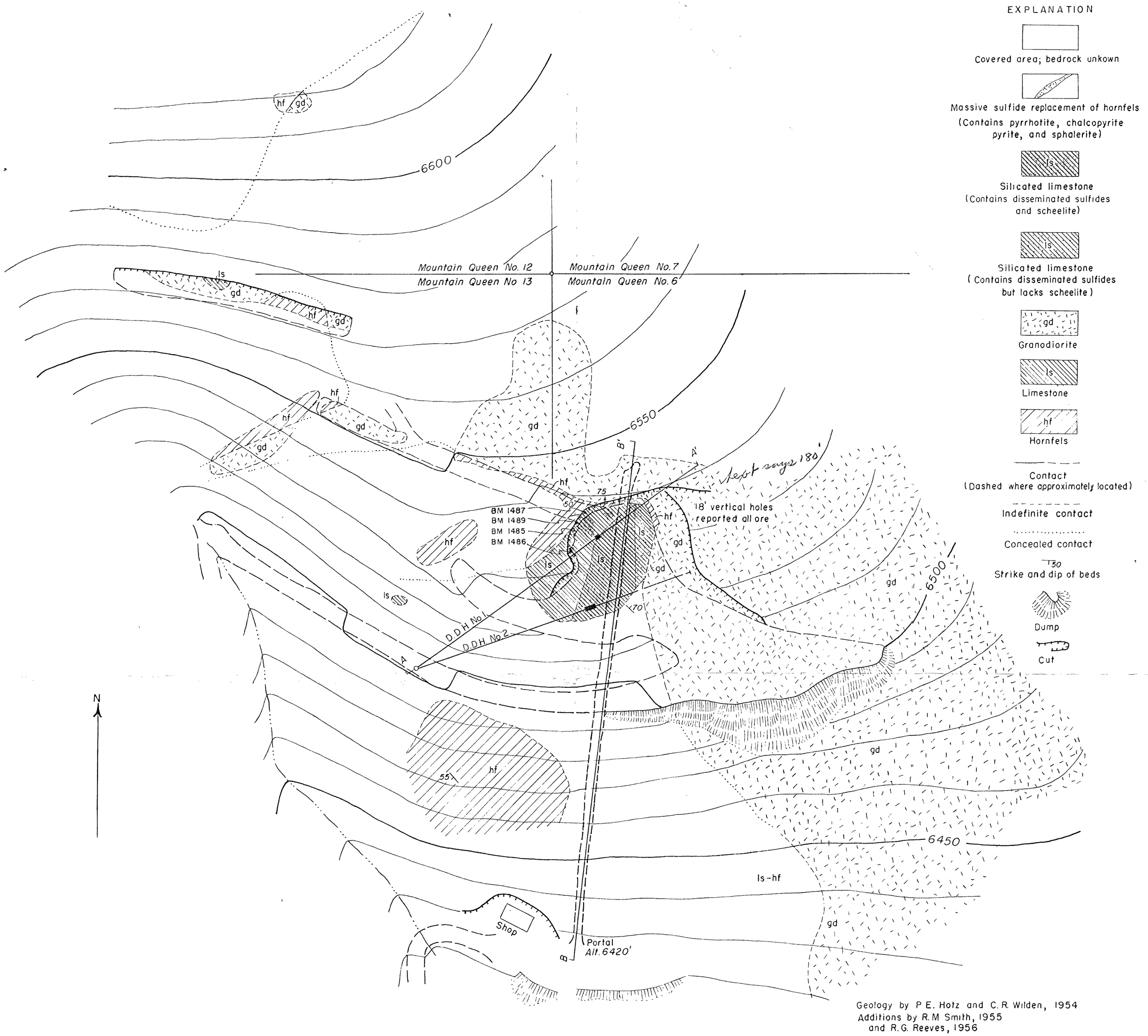


GEOLOGIC MAP OF THE TNT MINE, HUMBOLDT COUNTY, NEVADA

Figure 2

UNITED STATES DEPARTMENT THE INTERIOR
GEOLOGICAL SURVEY

DMEA 3609
Idm E-787
(TUNGSTEN)



GEOLOGIC MAP OF THE TNT MINE, HUMBOLDT COUNTY, NEVADA

0 50 100 150 Feet

Figure 2

MAPPED BY P.E. HOTZ & C.R. WILDEN, 1954
ADDITIONS BY R.M. SMITH, 1955
ADDITIONS BY G.J. HARVEY, 1955

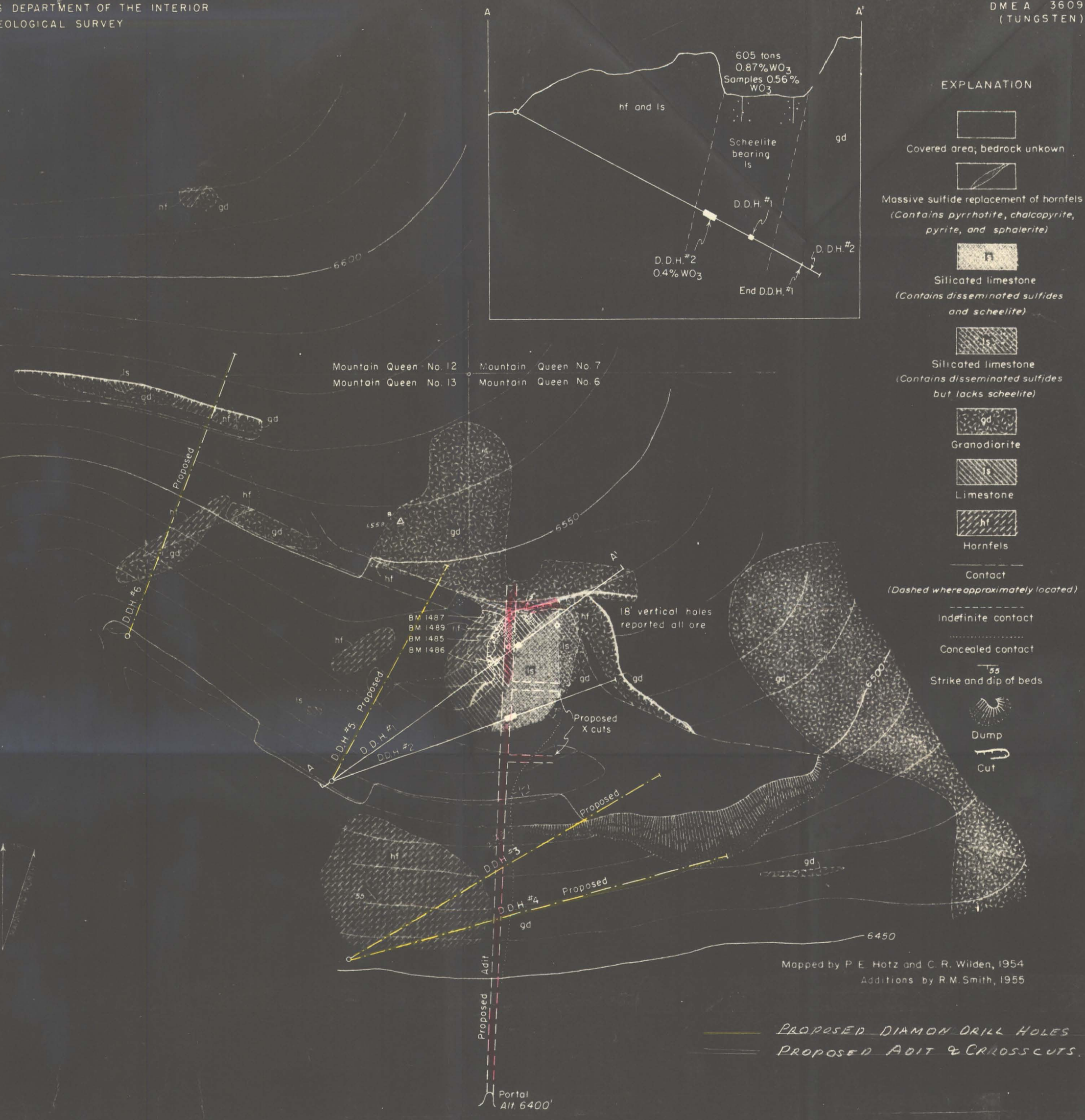
GEOLOGIC MAP OF TNT, INC. MINE

HUMBOLDT COUNTY, NEVADA

Scale 1" = 50'

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA 3609
(TUNGSTEN)

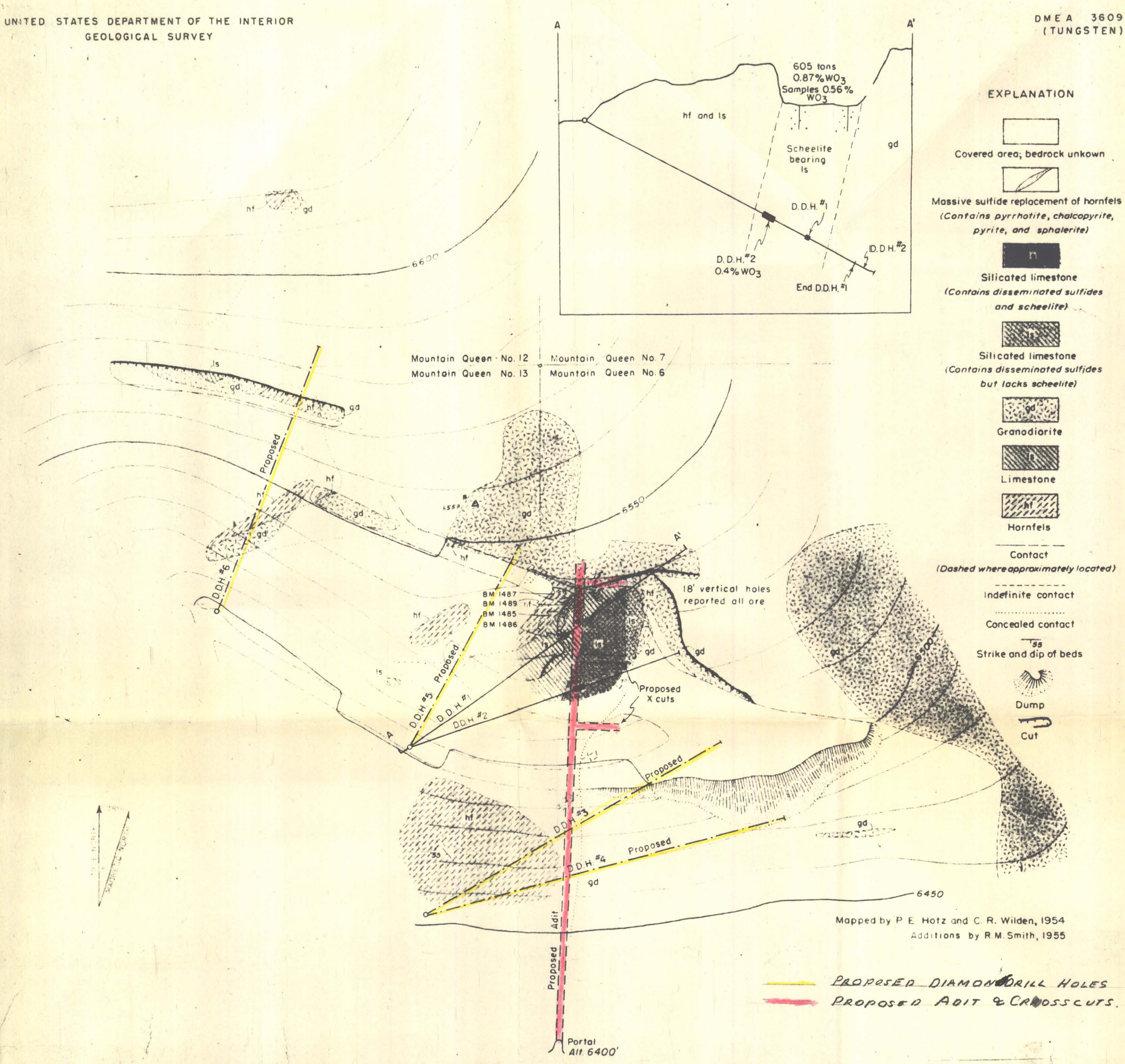


GEOLOGIC MAP OF THE TNT MINE, HUMBOLDT COUNTY, NEVADA

Figure 2

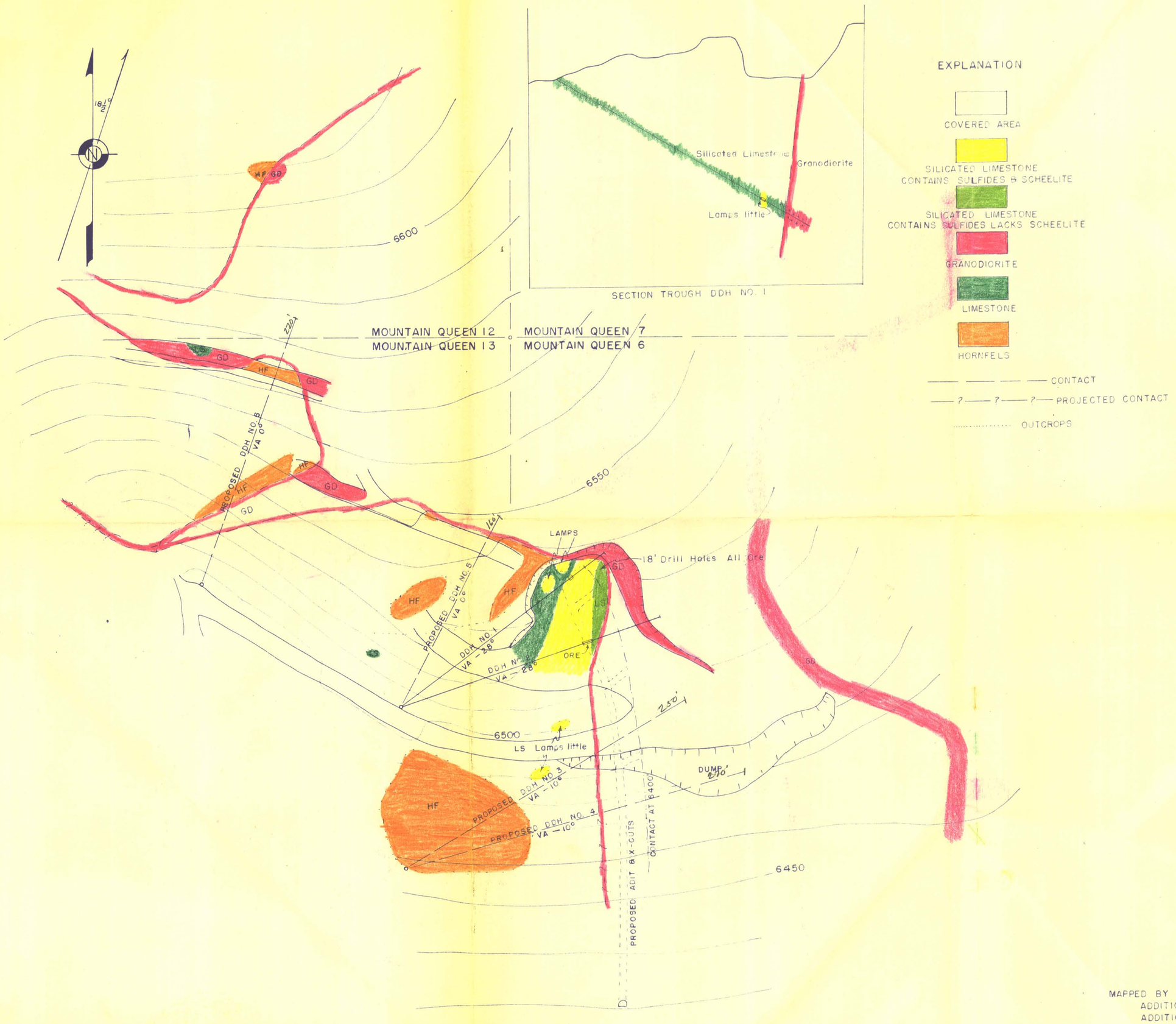
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA 3609
(TUNGSTEN)



GEOLOGIC MAP OF THE TNT MINE, HUMBOLDT COUNTY, NEVADA

Figure 2



MAPPED BY P.E. HOTZ & C.R. WILDEN, 1954
ADDITIONS BY R.M. SMITH, 1955
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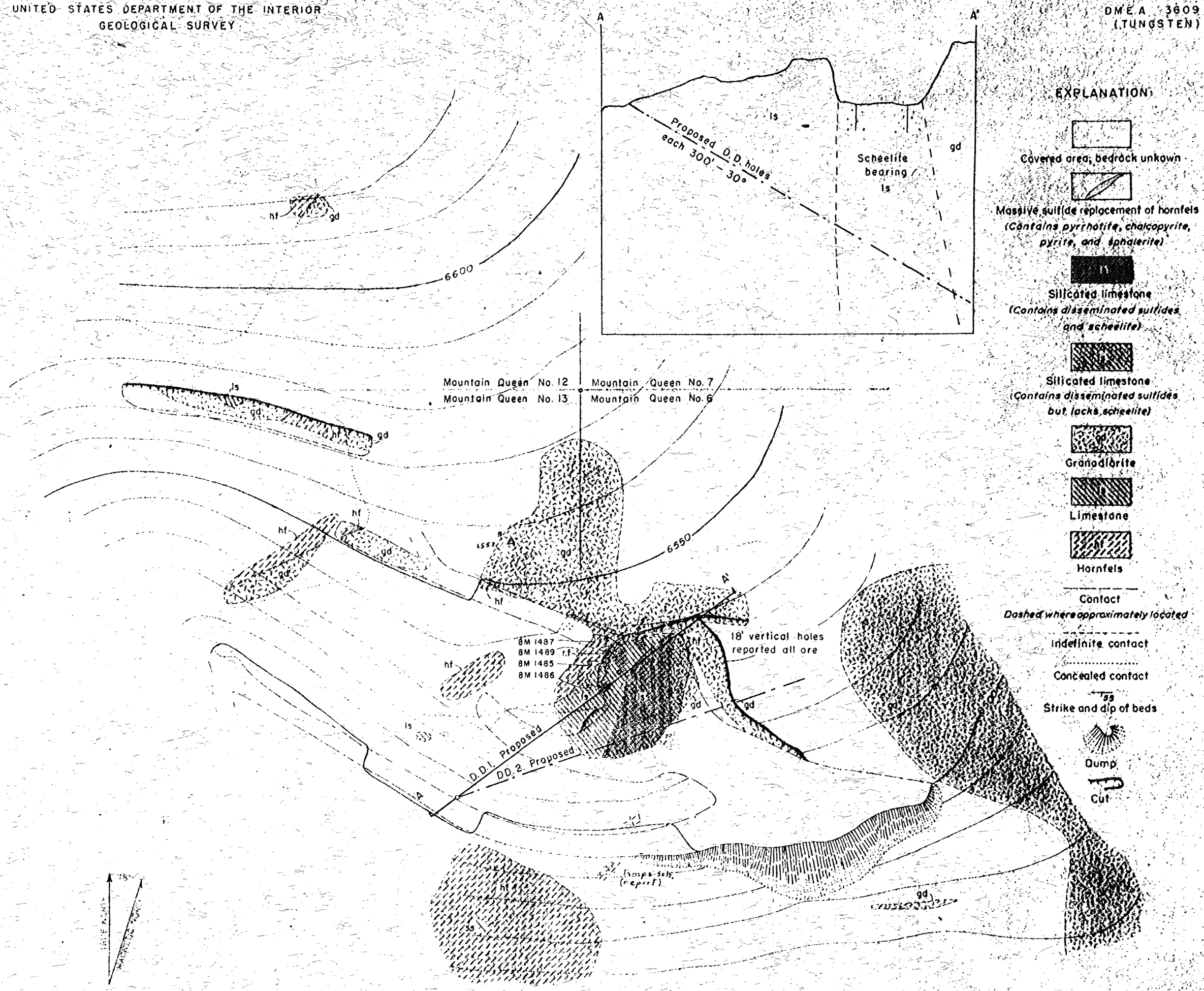
GEOLOGIC MAP OF TNT, INC. MINE

HUMBOLDT COUNTY, NEVADA

Scale 1" = 50'

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA 3609
(TUNGSTEN)



Mapped by P. E. Hotz and C. R. Wilden, 1954
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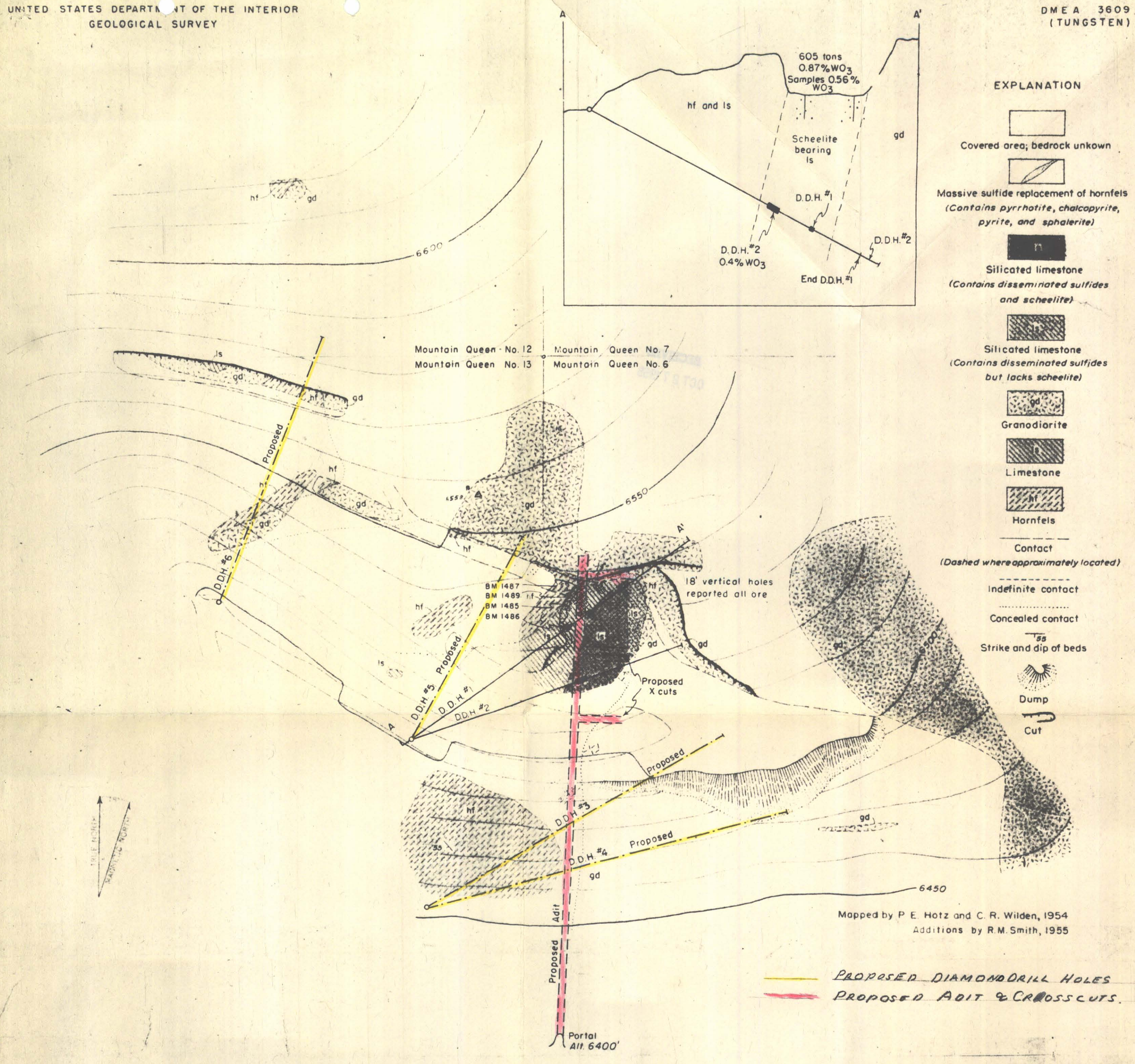
GEOLOGIC MAP OF THE TNT MINE, HUMBOLDT COUNTY, NEVADA

50 0 50 100 150 Feet

Figure 2

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA 3609
(TUNGSTEN)



GEOLOGIC MAP OF THE TNT MINE, HUMBOLDT COUNTY, NEVADA

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Figure 2