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.
3273	**Consolidated Uranium Mines, Inc**	Idm-E680

ORE ESTIMATES

	Tons	Analysis
DMEA	65,000 *	0.37 % WO_3 *
Operator to date	None	
Total	65,000 *	0.37 " " *
Production to date	3,232 **	0.37 " " **
Ore in ground	61,768 **	0.37 " " **

INVESTMENT

Type	Size		Feet	Cost
Shafts			None	
Winzes			None	
Drifts and Crosscuts	6' x 7'		59	$ 1,750.
Raises			None	
Drilling	Type		None	
Rehabilitation	Description		None	

FACILITIES

Mine Plant	None	
Mill	None	
Roads	None	

REMARKS

* "Official" reserve tonnage and grade.
** Reported production tonnage and grade adjusted to "Official" grade.

"The mine has been idle since about January 9, 1956. . . . Negotiations between the Wah Chang Mining Corporation and all of the interested parties for the purpose of purchasing and milling ores from the Schofield mine have not been resolved.

Copies to W. Crowell

Prepared by Stephen P. Holt Date 2.6.58
(Revised 4.7.58)

31398

SEMI-ANNUAL REPORTS OF CERTIFIED PROJECTS

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

Operator Lory M. Free, dba Y-Z Mining Company

Mine Name Schofield (North Tempiute) Mine

County and State Lincoln County, Nevada

Docket Number and Commodity DMEA-3273 (Tungsten)

Contract Number Idm-E 680

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:

DMEA-3273 Idm-E 680

	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)		
(Previous)	NO CHANGE	
(To date)		

Percent Revised Reserves mined _____

Investment Data

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

NO CHANGE

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

Facilities

Mine Plant		Mill		Roads	
Description	Cost	Description	Cost	Description	Cost

Remarks

NO CHANGE

Signed Glenn G. Gentry (Engineer)
Glenn G. Gentry

SEMI-ANNUAL REPORTS OF CERTIFIED PROJECTS

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

Operator Lory M. Free dba Y-Z Mining Company

Mine Name Schofield (North Tempiute) Mine

County and State Lincoln County, Nevada

Docket Number and Commodity DMEA-3273 (Tungsten)

Contract Number Idm-E 680

OFFICIAL FILE COPY
DMEA
RECEIVED AUG 5 1957

DATE	INITIALS	CODE
8/8	Eom	100

Date of Contract June 24, 1954

Date of Certification Oct. 8, 1956

Expiration Date of Royalty Payments June 24, 1964

Total Amount of Contract $77,035.00

Total Expenditures under Contract $63,084.00

Amount of Government Participation at 75% $47,313.00

Royalty Payments this Period None

Previous Royalty Payments $1,393.45

Total Royalty Payments to Date $1,393.45

Percent Government Participation Repaid 3%

Royalty Due on Production to Date None

Royalty Remarks: The mine has been idle since about January 9, 1956.

Y-Z Mining Company DMEA-3273 Idm-E 68[illegible]

						Tons	Analysis
Original Estimate of DMEA Reserves (Field Team Final Report)							
Mines	[ ]	Survey	[ ]	Joint	[X]	65,160	0.37% WO_3
Revised Estimate of DMEA Reserves (Field Team)							
Mines	[ ]	Survey	[ ]	Joint	[ ]		
Increase of Reserves by work performed subsequent to DMEA project work						0	
Production DMEA ore				(This period)		0	
				(Previous)		2,300	0.52% WO_3
				(To date)		2,300	0.52% WO_3
Operator's ore found subsequent to DMEA work				(This period)		0	
				(Previous)		0	
				(To date)		0	

Percent Revised Reserves mined 3.53%

Investment Data

Shafts			Winzes			Drifts & Crosscuts		
Size	Feet	Cost	Size	Feet	Cost	Size	Feet	Cost
	None			None		6'x7'	59[illegible]	$1,750.

Raises			Drilling			Rehabilitation	
Size	Feet	Cost	Type & Size	Feet	Cost	Description	Cost
	None			None		None	

Facilities

Mine Plant		Mill		Roads	
Description	Cost	Description	Cost	Description	Cost
None		None		None	

Remarks

Negotiations between the Wah Chang Mining Corporation and all of the interested parties for the purpose of purchasing and milling ores from the Schofield Mine have not been resolved.

Signed Glenn G. Gentry (Engineer)

Dec
3273

NF 104 A

Acct Narrative forwarded
to Washington on letter
February 9 - 1956

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JUN - 6 1956

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of December, 1955 Docket No. DMEA 3273 Contract No. [illegible]-E 600
Operator's Name Consolidated Uranium Mines, Inc. Minerals Tungsten
Address 430 South Main St., Salt Lake City, Utah
Contract Amount, $ 77,035.00 Government Participation: 75 % Amount, $ 57,776.25

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	- - -	1,105.00	1,105.00			
Bulldozing						
Crosscutting	- -	20,773.00	20,773.00			
Drifting	1,609.50	31,015.50	32,706.00			
"D" Drill Station	1690.50	500.00	500.00			
(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						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
	1690.50					
TOTALS	1,609.50	61,393.50	63,084.00			

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

Date Feb. 1, 1956 *Payee Consolidated Uranium Mines, Inc.

Per [illegible] Title Secty-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:

$ 1267.90

Lloyd H. [illegible]
Authorized Certifying Officer

Signature (Authorized Certifying Officer)

MAY [illegible]

Date Vou. No. SF-DMEA-35

(See other side)

REFERENCES: Y-2 Mining Co.

SCALE 1 in = 100 ft.

CONSOLIDATED URANIUM MINES, INC.

DMEA 3273 Cont. IDM-F680

NORTH TEMPIUTE MINE

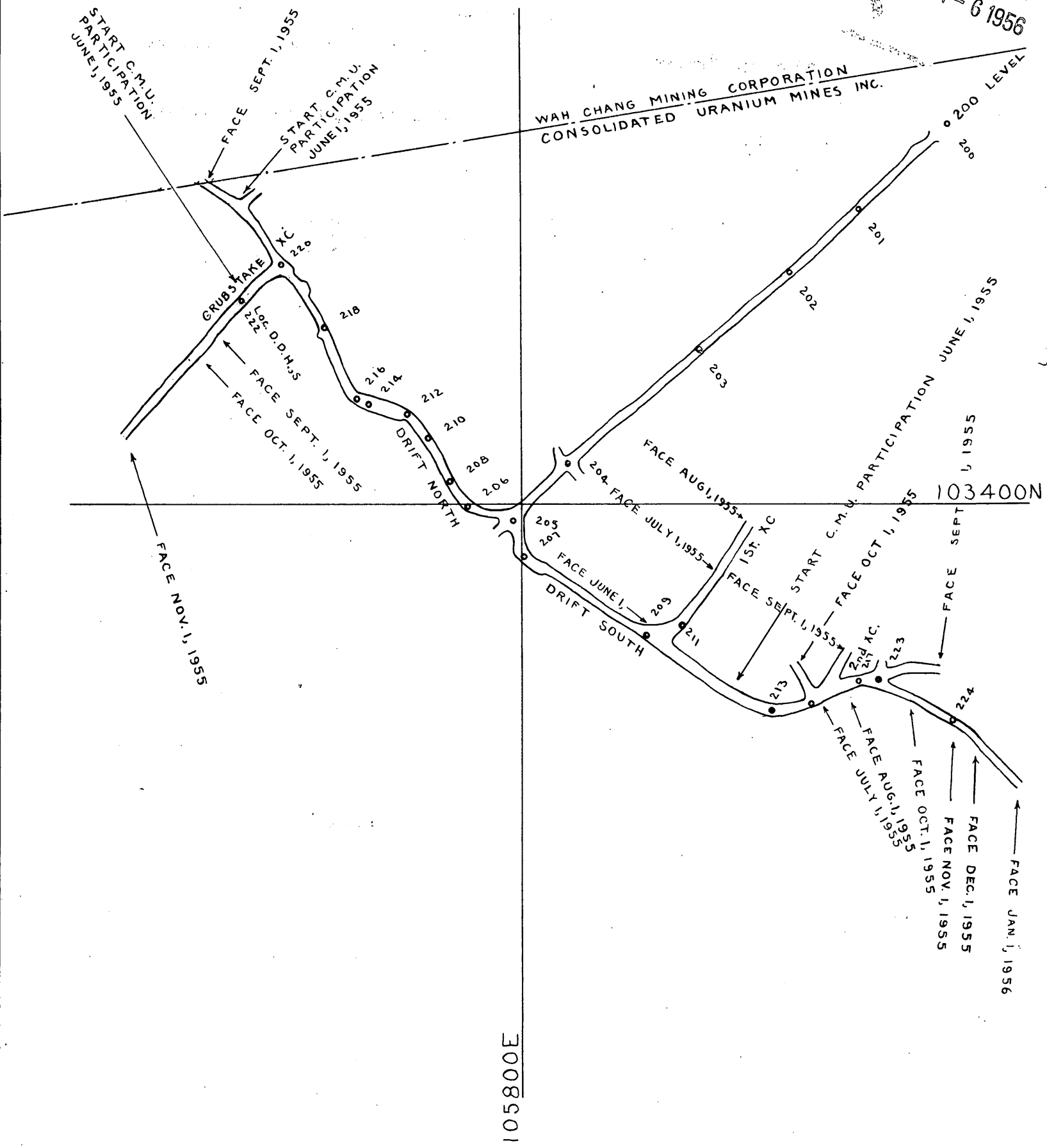
TEMPIUTE NEVADA

Sept. 1, 1955

DRAWN BY Lyman Moore

REVISED _____ DATE _____

RECEIVED JUN - 6 1956



Form [illegible]104A
(A[illegible]52)

Budget Bureau No. 42-R1151
Approval expires 6-30-53.

RECEIVED
FEB 14 1956

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of December 1955 Docket No. DMEA 3273 Contract No. IDO-E 600
Operator's Name Consolidated Uranium Mines, Inc. Minerals Tungsten
Address 438 South Main St., Salt Lake City, Utah

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	1 ft.	1,690.50	49	32,706.00	946	34.50		
Crosscutting	1 ft.	---	---	28,773.00	834	34.50		
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn	1 ft.			1,105.00	170	6.50		
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
"D" Drill Station				500.00				
TOTAL DISTRIBUTED COSTS		1,690.50	49 Ft.	63,084.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								

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 February 1, 1956 Operator Consolidated Uranium Mines, Inc.

Per [signature] Title Secretary-Treasurer

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)

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

RECEIVED
FEB 14 1956

January 31, 1956

Mr. S. Ricker, Executive Officer
D.M.E.A. Field Team, Region II
U. S. Bureau of Mines
1605 Evans Ave.
Reno, Nevada

Re: Dockett No. DMEA-3273 (Tungsten)
Consolidated Uranium Mines, Inc.
Schofield Mine
Lincoln County, Nevada
Contract No. IDM-E 680

COPY

Dear Mr. Ricker:

During the month of December, 1955, the drift south on the Moody Hanging Wall was advanced 49 feet.

The first 33 feet of advance was upon the hanging wall bedding fissure of the Moody Bed with a limestone hanging wall and a tactite footwall. At 33 feet the bedding fissure made a sharp turn to the south and the last 16 feet of advance was entirely in the tactite of the Moody Ore Bed.

Assays of the zone prospected by the drift follow:

Face at start of month, 0.18% WO3 over full drift width of tactite
Face at start of month, #10, 0.37% WO3 over full drift width of tactite
Face at start of month, #20, 0.27% WO3 over full drift width of tactite
Face at start of month, #30, 0.47% WO3 over full drift width of tactite
Face at start of month, #40, 0.18% WO3 over full drift width of tactite

At from 10 to 50 feet further the drift should intersect an ore zone which was mined in a surface tunnel.

Yours truly,

CONSOLIDATED URANIUM MINES, INC.

By Lyman Moore
Lyman Moore, Mining Engineer

LM:em

SEMI-ANNUAL REPORTS OF CERTIFIED PROJECTS

Reporting Period 7/1/56 - 12/31/56 Date of Examination 12/31/56

Operator Lory M. Free, d/b/a (Y-Z Mining Co.

Mine Name Schofield (North Tem piute) Mine

County and State Lincoln County, Nevada

Docket Number and Commodity DMEA-3273 (Tungsten)

Contract Number Idm-E680

RECEIVED JAN 28 1957 D.M.E.A.

Date of Contract 6/24/54

Date of Certification 10/8/56

Expiration Date of Royalty Payments 6/24/64

Total Amount of Contract $77,035.00

Total Expenditures under Contract $63,084.00

Amount of Government Participation at 75 % $47,313.00

Royalty Payments this Period -0-

Previous Royalty Payments $1,393.45

Total Royalty Payments to Date $1,393.45

Percent Government Participation Repaid 3%

Royalty Due on Production to Date -0-

Royalty Remarks: All exploration work was discontinued on or about January 9, 1956 and the mine has been idle since that date.

DMEA-3273 Y-Z Mining Co., Idm-E680

	Tons	Analysis
Original Estimate of DMEA Reserves (Field Team Final Report) Mines / / Survey / / Joint / X /	65,160	0.37% WO_3
Revised Estimate of DMEA Reserves (Field Team) Mines / / Survey / / Joint / /		
Increase of Reserves by work performed subsequent to DMEA project work	-0-	
Production DMEA ore (This period)	-0-	
(Previous)	2,300	0.52% WO_3
(To date)	2,300	0.52% WO_3
Operator's ore found subsequent to DMEA work (This period)	-0-	
(Previous)	-0-	
(To date)	-0-	

Percent Revised Reserves mined 3.53

Investment Data

Shafts Size	Shafts Feet	Shafts Cost	Winzes Size	Winzes Feet	Winzes Cost	Drifts & Crosscuts Size	Drifts & Crosscuts Feet	Drifts & Crosscuts Cost
	None			None		6x7	59	$1,750

Raises Size	Raises Feet	Raises Cost	Drilling Type & Size	Drilling Feet	Drilling Cost	Rehabilitation Description	Rehabilitation Cost
	None			None		None	

Facilities

Mine Plant Description	Mine Plant Cost	Mill Description	Mill Cost	Roads Description	Roads Cost
None		None		None	

Remarks

This office has no definite information relative to plans for the resumption of operations. We understand that Wah Chang (Black Rock) is negotiating for production.

Signed _____ (Engineer)
Glenn G. Gentry

3273

Date _____

Referred to:

1. ~~Mr. Mattenbrink~~
2. ~~Mr. Johnson~~
3. Mr. Chambers
4. ~~Docket Control Mails and Files~~
5. ~~Dun & Bradstreet Division~~
6. Docket Control Mails and Files

Note comments in report regarding:

1. Lease in default
2. Operator still obligated to complete
3. contract unless DMEA
4. is willing to terminate.

and take appropriate action.

- - - - - -

Action taken by Division:

Initials

RECEIVED

MAR 23 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 3/21/56

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-3273

Contract No. Idm-E680

Commodity Tungsten

Operator Consolidated Uranium Mines, Inc.

Property Schofield Mine, Lincoln County, Nevada

By G. G. Gentry

Dated 3/14/56

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
MAR 23 1956

INTERIM REPORT

Docket No.: DMEA-3273 (Tungsten) March 14, 1956

Name and address of operator: Consolidated Uranium Mines, Inc.
E. G. Frawley, President
438 South Main Street
Salt Lake City, Utah

Name and location of property: Rae Ella, Rae Ella No. 2 and Phyllis claims (Schofield mine)
Lincoln County, Nevada

Contract No.: Idm-E680 (amended)

The Schofield mine was visited on March 8, 1956 and a conference held with officials of the North Tem Piute Mining and Development Company, the owners of the mining claims. The Consolidated Uranium Mines, Inc., assignee of the contract, discontinued all mining work on January 9, 1956 and removed all of their mining machinery and supplies. Therefore, no operations are being presently conducted at the mine.

By letter, dated February 1, 1956, Mr. E. G. Frawley informed the Executive Officer of DMEA as follows:

"We have been forced to conclude it will be impractical and uneconomical to transport ore from the Schofield mine in Lincoln County to our concentrating mill near Austin, and have accordingly allowed our lease to revert back to Mr. Lory Free, from whom we obtained it. We are not informed as to whether or not Mr. Free will wish to continue under the DMEA contract."

During the period of exploration by the Consolidated Uranium Mines, Inc., an estimated 2,000 tons of scheelite ore was produced and stockpiled adjacent to the portal of the adit for future shipment to a concentrating mill. Various samples taken of the stockpile indicate scheelite mineralization varying from 0.28% WO_3 to 0.32% WO_3. This stockpile remains intact at the mine.

The following information was obtained from the Hiko, Nevada office of the North Tem Piute Mining and Development Company, owners of the property:

'On March 1, 1956, Mr. Merle Schofield, President of the above company, the lessor, notified Mr. Lory M. Free, the lessee, that his lease was in default and would be cancelled, This notice of default was sent to Mr. Free by registered mail, receipt requested, and the receipt of said letter was duly acknowledged by Mr. Free under date of March 4, 1956. The owners have had no further word from Mr. Free relative to this matter.'

The original lease between the North Tem Piute Mining and Development Company, a Nevada corporation of Hiko, Nev., owner, and Mr. Lory M. Free of Panaca, Nev., lessee, was dated July 2, 1951 and recorded on July 9, 1951 in Book "N", page 393 of Miscellaneous Records in the Office of the County Recorder, County of Lincoln, Pioche, Nevada.

A supplemental lease agreement between the above parties, dated February 9, 1954 voided the original lease. The lease agreement, presently in force, states on page 3: "In the event of a termination, any ore owned jointly be lessee and owner, all ownership shall thereupon pass from lessee to owner."

"On page 8, paragraph 15 of the lease specified: In case the lessee shall fail to keep or perform all or any of the terms, conditions or covenants herein contained on its part to be kept and performed, then and in such event, owner may elect to terminate this lease and all of the rights of lessee hereunder shall be considered terminated as of the thirtieth day after the date of the service of such notice; provided, however that if the terms, conditions or covenants claimed in said notice to have been breached, can be remedied and if the lessee shall within such thirty (30) days period remedy the same, then said lease shall not be terminated for such breach and shall continue in full force and effect. Lessee shall be permitted to correct such claimed default within the time above limited."

Mr. Free has posted a notice at the mine of work performed by the Consolidated Uranium Mines, Inc., as pertaining to man shifts required to hold his lease, and from the wording of the "Termination clause" in the lease, it appears that the owners cannot enter and take possession of the mining claims until April 1, 1956.

Mr. Free and his associates were not available for consultation and this office has no information as to their intensions for future work in the mine.

The North Tem Piute Mining and Development Company officials advised the writer that they are not financially able to operate the Schofield mine and expected to sell the property if a buyer could be found.

for Glenn G. Gentry
Mining Engineer

3273

Date 1-26

Referred to:

1. ~~Mr. Mitchenden~~
2. ~~Mr. Johnson~~
3. ~~Mrs. Chambers~~
4. ~~Deputy General Mails and Files~~
5. ~~Mr. Goldman~~
6. Deputy General Mails and Files

Note comments in report regarding:

1. Needs follow up?
2. Term - Recommended but nothing said about certification.
3.
4.

and take appropriate action.

- - - - - -

Action taken by Division:

See letter of 1/24/56 to Op. Com. from Ex. Off FT Reg II (400 file attached.)
Also wait for reply by Operator to FT's letter of 1/24/56 asking about intentions

WSM

Initials

Docket File

INTERIM REPORT

RECEIVED
JAN 26 1956

Docket No.: DMEA-3273 (Tungsten) January 23, 1956

Name and address of operator: Consolidated Uranium Mines, Inc.
E. G. Frawley, President
438 South Main Street
Salt Lake City, Utah

Name and location of property: Rae Ella, Rae Ella No. 2 and Phyllis Claims (Schofield Mine)
Tempiute Mining District
Lincoln County, Nevada

WSM

Contract No.: Idm-E680 (amended)

Accompanied by D. B. Tatlock, geologist of the U.S. Geological Survey, the Schofield mine was visited on January 17 and 18, 1956 and a conference held with R. E. Cox, former mine superintendent. No exploration work was being conducted in the mine and all employees had been laid off. The Operator had retained as a watchman, Stanley Kaiser, who resides in a trailer house about one half mile east of the mine.

Under date of January 8, 1956, the Executive Officer had advised Mr. Frawley relative to the date of the proposed inspection and requested that the company mining engineer, Mr. Lyman Moore, meet with the DMEA representatives at the mine on January 17. No reply to the Executive Officer's letter has been received and the Operator did not send a representative to the property on the dates of the DMEA inspections.

Mr. R. E. Cox stated that all exploration work had been discontinued on or about January 9 and that his services as mine superintendent had ended on January 11.

On the afternoon of January 17, two of the Operators trucks arrived at the mine for the purpose of transferring all company owned machinery and supplies from the Schofield mine to another company controlled mining property situated near Mina, Nev.

Mr. Cox further explained that he had received no information from Mr. Frawley relative to the reason for discontinuing operations at the Schofield mine.

Total work completed:

	Feet
Main crosscut	465.0
South drift	789.3
North drift	587.5
	1,841.8
Approved by contract	1,837.8
Excess over contract	4.0
Completed by Lory M. Free	1,096.0
Completed by Consolidated Uranium Mines, Inc.	745.8
	1,841.8

	Feet
Diamond drilling approved by contract	2,020
Diamond drilling completed	170
Uncompleted	1,850

Financial:

Amount approved by contract	$77,035.00
Expenditures as of 11/30/55	61,393.50
Unexpended	$15,641.50
	3 910.42
	11.731.18

Contract Period:

Contract dated	June 24, 1954
Expiration date	March 24, 1956
Unexpended time	2 months

Geology:

At approximately 30 feet back of the face of the South drift, exploration has disclosed tactite striking nearly due south and dipping approximately 45° West. An examination of this area by mineralight indicated scheelite which is expected to assay in excess of 0.5 percent WO_3.

The face of the South drift was in limestone carrying heavy iron sulfides and a very light dissemination of scheelite crystals. Samples taken during the inspection on November 22, 1955 and shown on the maps accompanying the report of that date, assayed as follows:

Sample No.	Width, feet	Location	%, WO_3
BM-1759	5	Car sample - South drift	0.09
1760	5	Do	0.07
1761	5	Do	0.42
1762	5	Do	0.08
1763	5	Do	0.20
1764	5	Do	0.19
1765	Shovel	North crosscut - North drift	0.12
1766	"	(stockpile) Portal of adit	0.29
1767	3	Grubstake vein - diamond drill crosscut North drift	0.02
1768	3.2	Do	0.02
1769	6	Scheelite in limestone - diamond drill crosscut North drift	0.02

Under date of December 7, 1955, the Operator requested a further amendment to the contract to convert the diamond drilling on the Grubstake vein to diamond drilling of the Moody vein at 100 to 200 feet below the present level.

However, inasmuch as the drifting and crosscutting approved by the contract have been completed and the geological objectives attained, it is recommended that the request for a further amendment be denied and the project terminated. Additional reasons for recommending denial of the request for further exploration are:

1. Diamond drilling by two different drilling contractors only succeeded in drilling a total of 170 feet, due principally to rock formations. It, therefore, appears doubtful that additional drilling in the same formation, even though on a minus inclination, would be successful. It is probable that considerable money would be spent without reaching the objectives.

2. The exploration work concluded has exposed scheelite mineralization to the extent that the ore shoots can be inferred to the 300 level.

3. The Moody vein is being presently mined in the adjoining Lincoln mine at approximately 300 feet below the Schofield mine.

This office has received no information from Mr. Frawley relative to his future plans for the Schofield mine and the financial report on Forms MF-104 and MF-104A for the month of December, 1955 have not been submitted.

Tungsten ore produced by the Consolidated Uranium Mines, Inc. has amounted to approximately 2,000 short weight tons and is presently stockpiled adjacent to the portal of the Schofield adit. No scheelite ore has been shipped from the Schofield mine by the operator and no effort is being made to bring the property into regular production.

Glenn G. Gentry - USBM
Mining Engineer

D. B. Tatlock - USGS
Geologist

REGION II
SEMI-ANNUAL REPORT
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JAN 17 1956

Docket No.: DMEA-3273 (Tungsten) **Date:** 12/31/55

Contract No.: Idm-E680

Operator: Lory M. Free: d/b/a
Y-Z Mining Company
Panaca, Lincoln County, Nev.
(Assigned to Consolidated Uranium Mines, Inc. on 6/1/55)

Schoffield Mine
Tempiute District
Lincoln Co., Nev.

Date of Contract: 6/24/54 **Completion Date:** 4/24/56

	Total	Expenditures	Gov't Participation
Amount of Contract:	$77,035.00	$63,808.50	$47,856.38

Date Certified: Not yet certified. Certification will be recommended.

Estimated Reserves

DMEA Project	Tons	Grade	Gross Value
Measured:			
Indicated:			
Inferred:	80,800	0.44	$2,242,800.00
January 1, 1956			
Measured:	1,500	0.4	$ 37,800.00
Indicated:	8,452	0.43	228,960.00
Inferred:	76,073	0.43	2,060,817.00

	This Period	Todate	Gross Value
Production:	1,500	3,732.80	$37,800.00

	This Period	Todate	Percent Payment
Royalty:	0	1,393.45	2.92

Status: Leased to E. G. Frawley, Pres., Consolidated Uranium Mines Co., 438 South Main St., Salt Lake City, Utah. The project is active and the exploration is nearing completion. No definite plans by Operators to bring property into active production. Request for amendment to use balance of funds available has been received. Our recommendation is being currently studied.

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

RECEIVED DEC 19 1955

Month of November, 1955 Docket No. DMEA 3273 Contract No. IDM E 680
Operator's Name Consolidated Uranium Mines, Inc. Minerals Tungsten
Address 438 South Main St., Salt Lake City, Utah
Contract Amount, $ 77,035.00 Government Participation: 75 % Amount, $ 57,776.25

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY WBM		
	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		1,105.00	1,105.00			
Bulldozing						
Crosscutting		28,773.00	28,773.00			
Drifting	724.50	30,291.00	31,015.50			
"D" Drill Station		500.00	500.00			
(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						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	724.50	60,669.00	61,393.50			

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

Date Dec. 6, 1955 Payee Consolidated Uranium Mines, Inc.

Per W. Christensen Title Secretary-Treasurer

*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:

$ 543.37

Lloyd H. Sjolander
Authorized Certifying Officer
Signature
(Authorized Certifying Officer)

Date DEC 12 1955 Vou. No. SF-DMEA-21

(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-E680 in accordance with the terms of the contract.

Signature Glenn G. Gentry Title Mining Engineer Date 12/8/55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature S. Ricker Title Executive Officer Date 12/8/55

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 RECEIVED DEC - 9 1955

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

DEC 19 5

Month of November 195 5 Docket No. DMEA 3273 Contract No. IDM E 680
Operator's Name Consolidated Uranium Mines, Inc. Minerals Tungsten
Address 438 So. Main St., Salt Lake City, Utah

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	1 Ft.	724.50	21	31,015.50	899	34.50	1837.8	
Crosscutting	1 Ft.	None	None	28,773.00	834	34.50		
Raising								
Shafts								
Winzes								
Drilling: Core	1 Ft.			1,105.00	170	6.50	2020	
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
"D" Drill Station				500.00		500.00		
TOTAL DISTRIBUTED COSTS		724.50	21	61,393.50				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								77,035.00

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.

Date Dec. 6, 1955 Operator Consolidated Uranium Mines, Inc.

Per M. Christensen Title Secretary-Treasurer

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)

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

December 5, 1955

Mr. S. Ricker, Executive Officer
D.M.E.A. Field Team, Region II
U. S. Bureau of Mines
1605 Evans Ave.
Reno, Nevada

Re: Docket No. DMEA-3273 (Tungsten)
Consolidated Uranium Mines, Inc.
Schofield Mine
Lincoln County, Nevada
Contract No. IDM-E 680

Dear Mr. Ricker:

During the month of November, 1955, the drift south on the Moody Hanging Wall was advanced 21 feet. All of the progress was in Tactite with the Limestone Hanging Wall about 3 feet outside the south drift wall (judging by Leyner holes drilled November 30th).

The face at the start of the period assayed 0.22% WO_3 over the drift width and an assay 10 feet further assayed 0.07 % WO_3, also over the full drift width.

At from 60 to 100 feet further the drift should intersect an ore zone which was mined in a surface tunnel.

Yours truly,

CONSOLIDATED URANIUM MINES, INC.

By Lyman Moore
Lyman Moore, Mining Engineer

LM:em

COPY

REFERENCES "Y-Z" Mining Co.

SCALE 1 in = 100 ft.

CONSOLIDATED URANIUM MINES INC.

DMEA 3273 Cont. IDM-F680

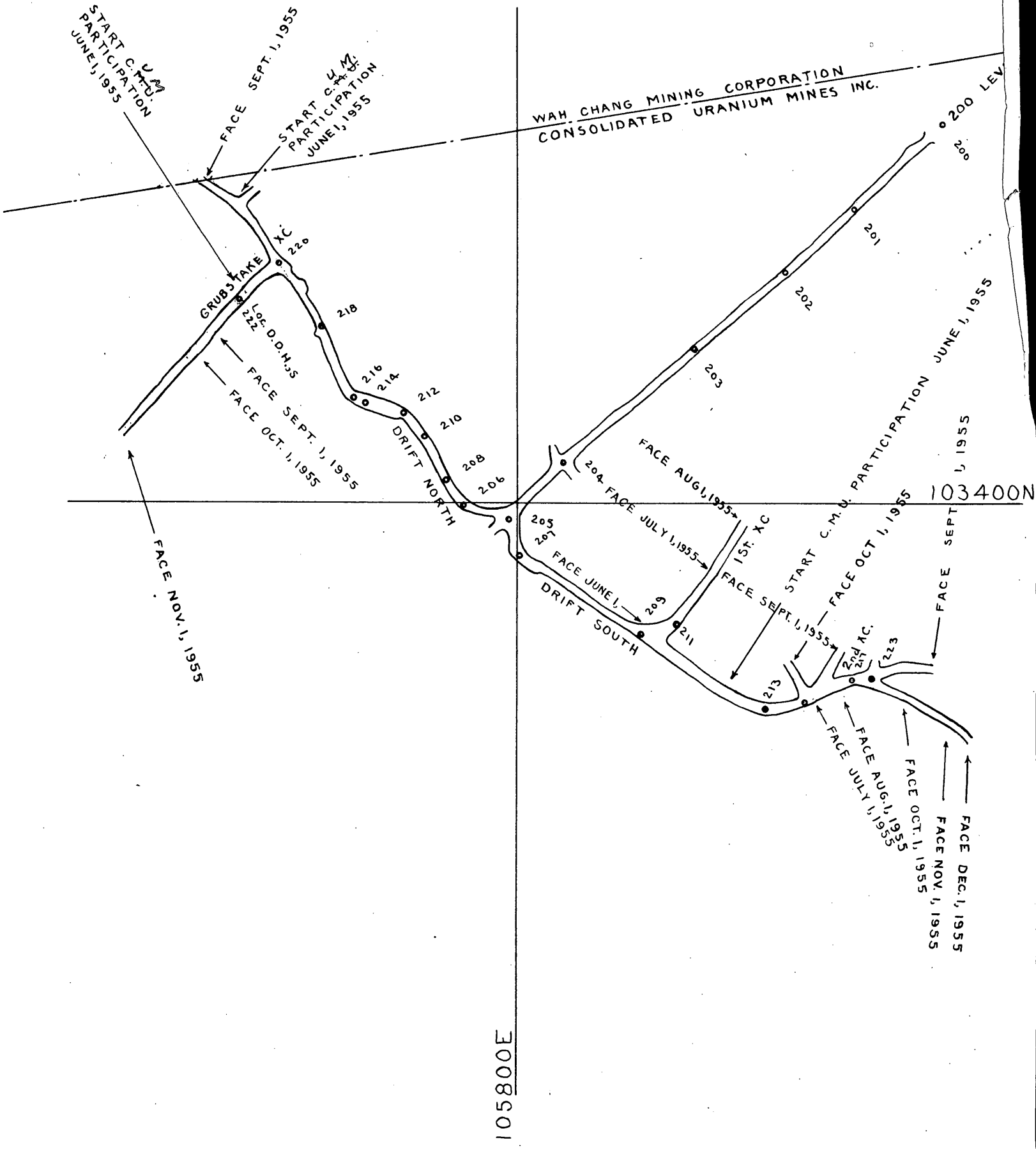
NORTH TEMPIUTE MINE

TEMPIUTE NEVADA

Sept. 1, 19

DRAWN BY Lyman Moo

REVISED DATE



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DEC 19 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

Date 11/30/55

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 3273

Contract Idm-E 680 (amended)

Commodity Tungsten

Operator - Consolidated Uranium Mines, Inc.

Property - Schofield Mine, Lincoln County, Nev.

By Glenn G. Gentry

Dated 11/29/55

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DEC - 2 1955

S. Ricker
Executive Officer
DMEA Field Team, Region II

Attachments

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

INTERIM REPORT

Docket No.: DMEA-3273 (Tungsten) 11/29/55

Name and address of operator: Consolidated Uranium Mines, Inc.
E. G. Frawley, Pres.
438 South Main Street
Salt Lake City, Utah

Name and location of property: Rae Ella, Rae Ella No. 2 and Phyllis Claims (Schofield Mine)
Tempiute Mining District
Lincoln County, Nevada

Contract No.: Idm-E680 (amended)

Accompanied by R. E. Cox, mine superintendent, the Schofield Mine was visited on November 22. Six men are employed on this exploration project and steady progress has been maintained. Additional ore has been added to the mine stockpile and Mr. Cox estimates that there is now 1,000 tons of ore ready for shipment to a mill. However, no ore has been shipped by the present operator since he assumed the lease on the property, and no definite information could be obtained as to his plans for the treatment of the ore stockpiled.

Work completed:	Feet	Feet
North drift: Total advance to property line	26.0	26.0
North Diamond Drill crosscut: Previously reported	92.0	
Advance 10/12-11/22/55	92.8	
		184.8
South drift: Previously reported	222.0	
Advance 10/12-11/22/55	33.5	
		255.5

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	Feet	Feet
Crosscut No. 1		98.0
Crosscut No. 2		37.0
Crosscut No. 3		9.0
Back switch		37.0
		647.3
Completed by Lory M. Free		1,096.0
TOTAL		1,743.3
Drifting and crosscutting approved by contract		1,837.8
Less work completed		1,743.3
UNCOMPLETED		94.5
Diamond drilling approved by contract		2,020.0
Diamond drilling completed		170.0
UNCOMPLETED		1,850.0

GEOLOGY

North drift: (Diamond drill crosscut)

Approximately 125 feet south of Station 220, the crosscut intersected scheelite mineralization in limestone over a width of 6 feet. Examination by mineralight indicated about 0.10 percent WO_3. About 154 feet south of Station 220, the crosscut encountered the Grubstake vein, which has a width of 3 feet and is composed of mixed limestone and tactite. Examination by mineralight indicated about 0.15 to 0.20 percent WO_3. From the Grubstake vein to the face, a distance of 30.8 feet, only very spotty occurrences of scheelite were observed in the limestone; and the face of the completed crosscut was in limestone in which no scheelite was observed.

South drift:

The main South drift has been following the limestone footwall contact and has encountered tactite on the hanging wall. The tactite contains heavy iron sulphides and scheelite estimated to average 0.3 to 0.45 percent WO_3.

Sampling:

Six car samples were secured from the South drift and three channel cut samples were secured from the diamond drill crosscut off the North drift. The results of the sampling will be submitted in the next interim report.

Samples secured during the inspection on October 12, 1955 from locations shown on the maps attached to this report, assayed as follows:

Sample No.	%, WO_3	Location	Character
BM-			
1746	0.13	South drift	car sample
1747	*0.01	North drift	" "
1748	0.07	" "	" "
1749	0.08	" "	" "
1750	0.05	" "	" "
1751	0.02	" "	" "
1752	0.23	" "	" "
1753	0.56	" "	" "

*=Less than.

Financial:

Amount approved by contract	$77,035
Expenditures as of 10/31/55	60,669
Unexpended	$16,366

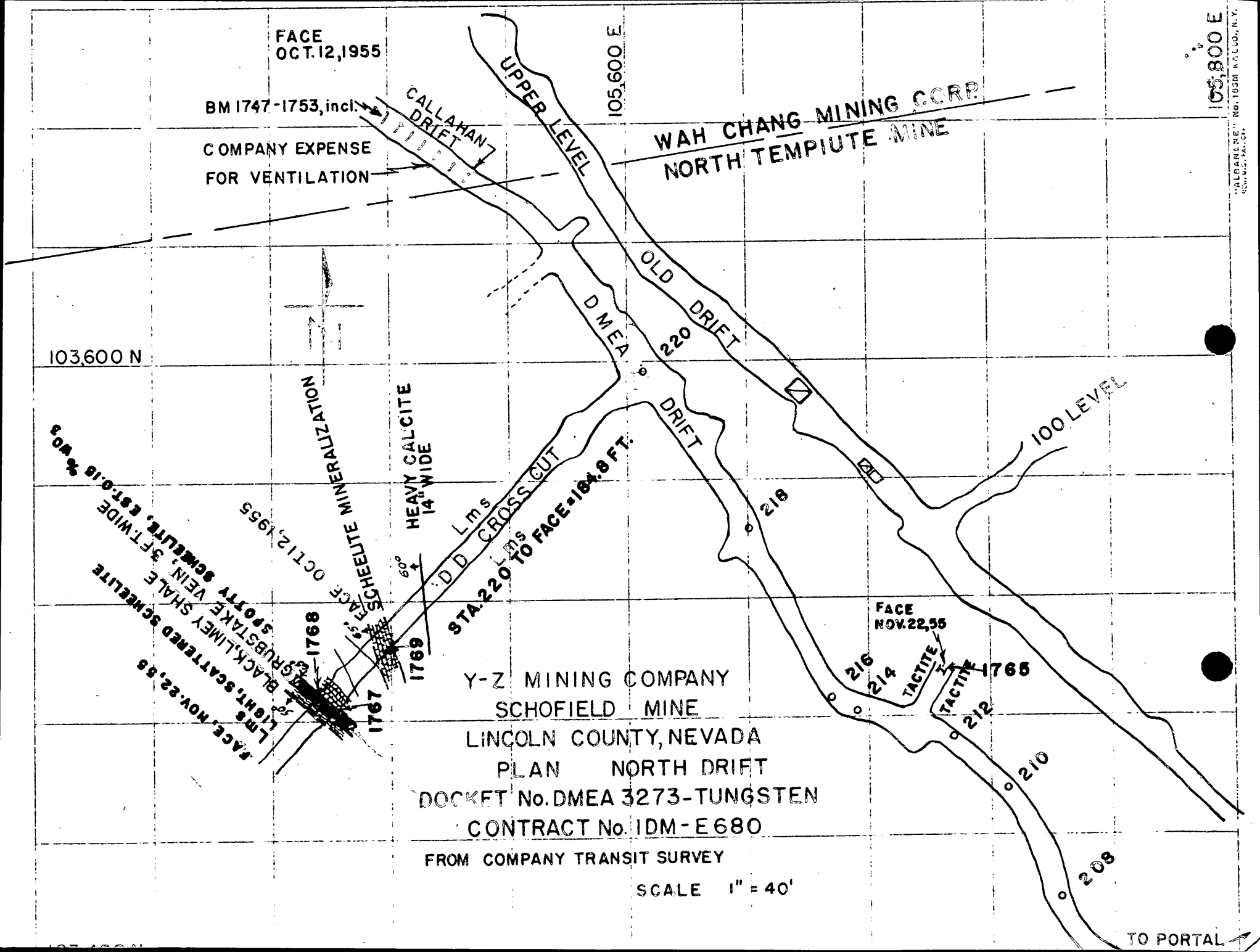
Contract dated: June 24, 1954
Expiration date: March 24, 1956
Unexpended time: 4 months

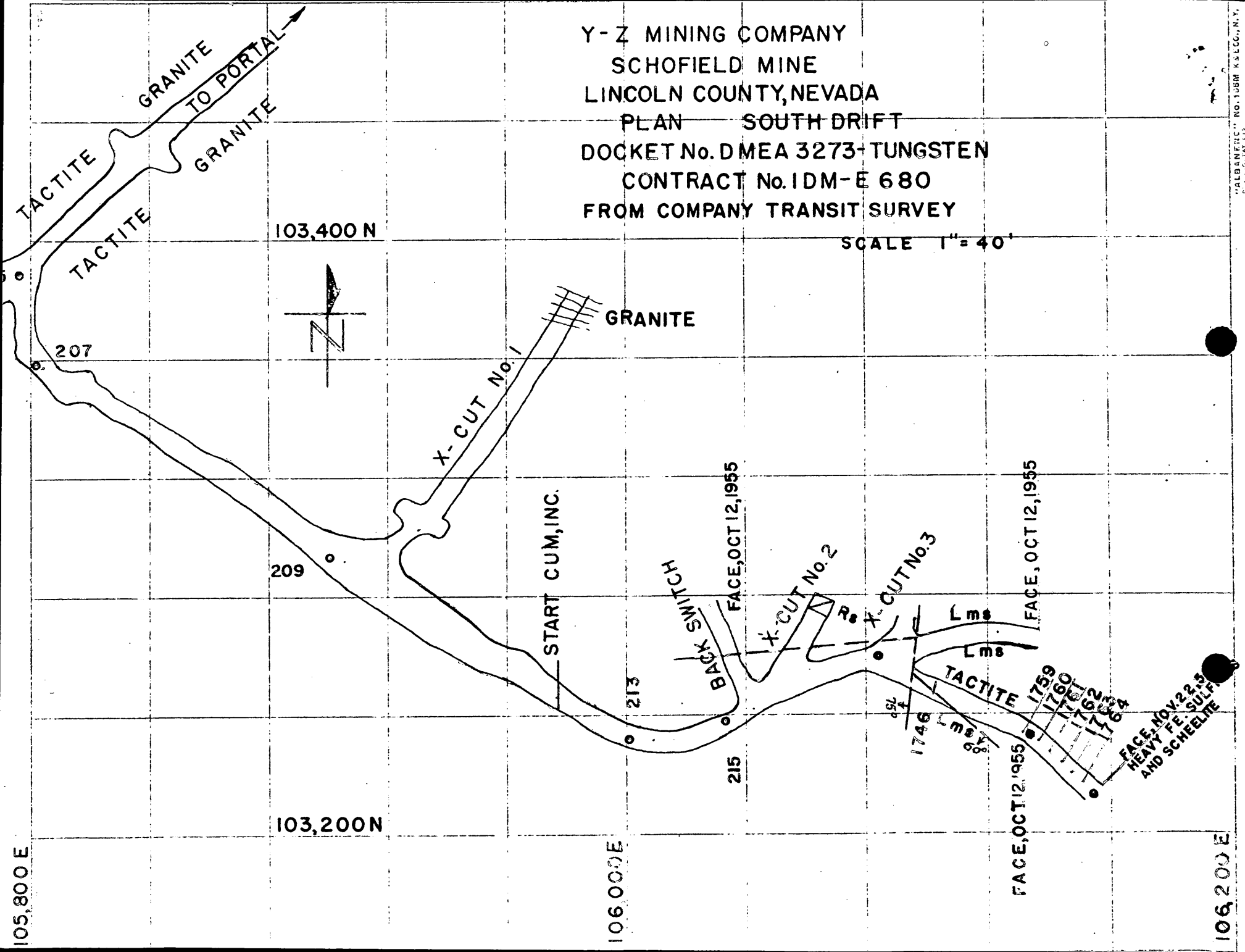
General:

At the present time the operator is principally engaged in extending several raises above the South drift in order to block out additional ore reserves.

Exploration will also be continued by extending the South drift in a southeasterly direction to connect with a shaft.

Glenn G. Gentry
Mining Engineer


FACE
OCT. 12, 1955
BM 1747-1753, incl.
COMPANY EXPENSE
FOR VENTILATION
CALLAHAN DRIFT
UPPER LEVEL
105,600 E
105,800 E
WAH CHANG MINING CORP.
NORTH TEMPIUTE MINE
OLD DRIFT
DMEA
220
DRIFT
100 LEVEL
103,600 N
218
HEAVY CALCITE
14' WIDE
SCHEELITE MINERALIZATION
Lms
DD CROSS CUT
STA. 220 TO FACE = 184.8 FT.
60°
FACE OCT 12, 1955
FACE, NOV. 22, 55, 3 FT. WIDE
LIGHT SCATTERED SCHEELITE
BLACK LIMEY SHALE VEIN
SPOTTY SCHEELITE, EST. 0.15 % WO3
1768
1769
1767
FACE
NOV. 22, 55
216
214
TACTITE
1765
212
210
208
TO PORTAL
Y-Z MINING COMPANY
SCHOFIELD MINE
LINCOLN COUNTY, NEVADA
PLAN NORTH DRIFT
DOCKET No. DMEA 3273-TUNGSTEN
CONTRACT No. IDM-E680
FROM COMPANY TRANSIT SURVEY
SCALE 1" = 40'


Y-Z MINING COMPANY
SCHOFIELD MINE
LINCOLN COUNTY, NEVADA
PLAN SOUTH DRIFT
DOCKET No. DMEA 3273-TUNGSTEN
CONTRACT No. IDM-E 680
FROM COMPANY TRANSIT SURVEY
SCALE 1" = 40'
GRANITE
TO PORTAL
GRANITE
TACTITE
TACTITE
103,400 N
GRANITE
207
X-CUT No. 1
209
START CUM, INC.
213
BACK SWITCH
FACE, OCT 12, 1955
X-CUT No. 2
Rs
X-CUT No. 3
Lms
Lms
FACE, OCT 12, 1955
TACTITE
1759
1760
1761
1762
1763
1764
1746
Lms
60°
215
FACE, OCT 12, 1955
FACE, NO. V. 2 2.5
HEAVY FE. SULFI
AND SCHEELITE
103,200 N
105,800 E
106,000 E
106,200 E

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED NOV 16 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

NOV 23 1955

Month of October, 1955 Docket No. DMEA 3273 Contract No. DMEA - B 60

Operator's Name Consolidated Uranium Mines, Inc. Minerals Tungsten

Address 433 So. Main Street, Salt Lake City, Utah

Contract Amount, $ 77,035.00 Government Participation: 75 % Amount, $ 57,776.25

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY WSM: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
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Drifting	1,403.50	28,887.50	30,291.00			
Drill Station		500.00	500.00			
(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						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$3,474.00	$56,115.00	$60,069.00			

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

Date Nov. 11, 1955 Payee Consolidated Uranium Mines, Inc.

Per N. Christensen Title Secty-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:

$ 3415.50

Signature _____
(Authorized Certifying Officer)

Date _____ Vou. No. SF-DMEA-18

(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. 1dm-2680 in accordance with the terms of the contract.

Signature Glenn G. Gentry Title Mining Engineer Date 11/15/55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Glenn G. Gentry Title Executive Officer Date 11/15/55

For: S. Micker

MONTHLY REPORT OF OPERATOR

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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

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED NOV 16 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

NOV 23 1955

Month of October 195 5 Docket No. DMEA 373 Contract No. 101-C 63
Operator's Name Consolidated Uranium Mines, Inc. Minerals Tungsten
Address 430 South Main St., Salt Lake City, Utah

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	1 Ft.	$1463.50	43	$30,291.00	670	34.50	1837.8	
Crosscutting	1 Ft.	3070.50	89	20,775.00	634	34.50		
Raising								
Shafts								
Winzes								
Drilling: Core	1 Ft.			1,105.00	170	6.50	2020	
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
"D" Drill Station	1			500.00		500.00		
TOTAL DISTRIBUTED COSTS		$4,534.00	132	$60,669.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								77,035.00
TOTAL COSTS								

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 Nov. 11, 1955 Operator Consolidated Uranium Mines, Inc.

Per W. Christensen Title Secretary-Treasurer

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)

Glenn G. Gentry

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

RECEIVED
NOV 23 1955

November 10, 1955

Mr. S. Ricker, Executive Officer
D.M.E.A. Field Team, Region II
U. S. Bureau of Mines
1605 Evans Avenue
Reno, Nevada

Re: Docket No. DMEA-3273 (Tungsten)
Consolidated Uranium Mines, Inc.
Schofield Mine
Lincoln County, Nevada
Contract No. IDM-E 680

Dear Mr. Ricker:

During the month of October, 1955 the XC to the Grubstake Fissure was advanced 89 feet and the drift south on the Moody Hanging Wall was advanced 43 feet.

Progress in the XC to the Grubstake Fissure was 89 feet. The first 80 feet of advance was in a fine grained shaley limestone or hornfels. Two bedding fissures were encountered. Each contained a foot of limey gouge but no scheelite or garnet. Some small areas of weak garnet mineralization were cut. One assayed 0.07 % WO_3 over 5 feet and another 0.03 WO_3 also over 5 feet. Careful examination with a mineral light failed to show any strong scheelite mineralization. The last 9 feet of the advance was in a dark crystalline limestone which is believed to be in the Grubstake Hanging Wall.

The Grubstake Fissure is supposed to contain excellent scheelite values 300 feet north of the cross cut and just across our north property line. Present plans call for a drift to be run to the north on the strongest showings intersected by the cross cut.

The drift south on the Moody Hanging Wall was advanced 43 feet. The first 25 feet of progress was on the hanging wall contact of tactite below limestone and samples cut in the exposed tactite at 10 foot intervals assayed 0.67% WO_3, 0.13% WO_3 and 0.08% WO_3. The high assay was taken where the contact was intersected by a 10 foot wide fracture zone. The contact took a sharp turn to the south at 25 feet and the last 18 ft. of

advance was made entirely in the tactite of the Moody Bed. Two samples cut the full width of the drift assayed 0.25% WO_3 and 0.22% WO_3.

Yours truly,

CONSOLIDATED URANIUM MINES, INC.

By Lyman Moore
Lyman Moore, Mining Engineer

LM:em

REFERENCES Y-Z Mining Co.

SCALE 1 in = 100 ft.

CONSOLIDATED URANIUM MINES, INC.

DMEA 3273 Cont. IDM-F680

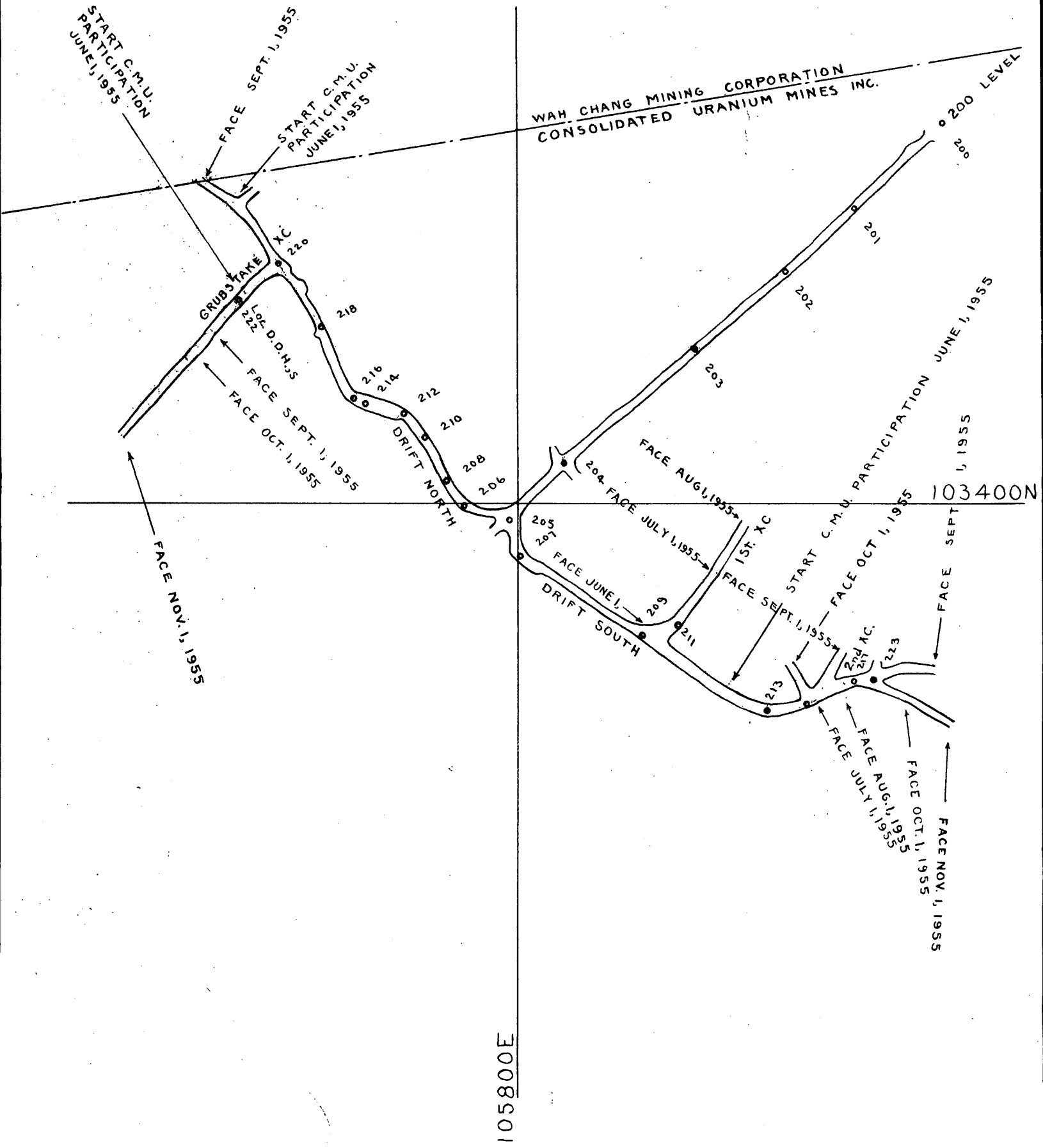
NORTH TEMPIUTE MINE

TEMPIUTE NEVADA

Sept. 1, 1955

DRAWN BY Lyman Moore

REVISED DATE



R m Ea
400

RECEIVED
OCT 21 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

Date: 10/19/55

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 3273

Contract Idm-E 680

Commodity Tungsten

Operator - Consolidated Uranium Mines, Inc.

Property - Schofield Mine, Lincoln County, Nev.

By Glenn G. Gentry

Dated 10/19/55

S. Ricker
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

RECEIVED
OCT 21 1955

Docket No.: DMEA-3273 (Tungsten) October 19, 1955

Name and address of operator: Consolidated Uranium Mines, Inc.
E. G. Frawley, Pres.
438 South Main Street
Salt Lake City, Utah

Name and location of property: Rae Ella, Rae Ella No. 2, and Phyllis Claims (Schofield Mine)
Tempiute Mining District
Lincoln County, Nevada

Contract No.: Idm-E680 (amended)

SUMMARY

Accompanied by Messrs. R. M. Smith and Don Tatlock of the U. S. Geological Survey and R. M. Cox, mine superintendent for the operator, the Schofield mine was visited on October 12.

Five men are employed on the exploration project and steady progress has been maintained. While a moderate tonnage of mill grade ore has been added to the stockpile at the mine, no shipments have been made since the Assignee assumed the contract. The stockpile is estimated to contain approximately 550 tons of ore which is to be trucked to the company owned mill near Austin, Nevada and milled there.

The North drift has been extended north of the Wah Chang Mining Corporation property line and connected with the old Callahan tunnel level for the purpose of ventilation. This work was conducted by the operator at his expense and under an arrangement between the

operator and the Wah Chang Mining Corporation. Ventilation in the Schofield mine has been much better since this air connection was made.

At the portal of the adit, the operators have installed four sets of timbers consisting of 8 by 8 by 6 inch caps on approximately 4 foot centers. All sets are lagged on top and the first two sets are side lagged.

WORK COMPLETED

		Feet
North drift:		
	Previously reported	26.0
	Advance 9/11-10/12/55	-
	Total	26.0 feet to property line

North drift - diamond drill crosscut to Grubstake vein:

Previously reported	42.0
Advance 9/11-10/12/55	50.0
Total	92.0

South drift - (Main drift)

Previously reported	186.8
Advance 9/11-10/12/55	35.2
Total	222.0

South drift - Back Switch, NW

Previously reported	-
Advance 9/11-10/12/55	30.0
Total	30.0

South drift - Crosscut No. 1:

Previously reported	37.0
Advance 9/11-10/12/55	-
Total	37.0

	Feet
South drift - Crosscut No. 2:	
Previously reported	9.0
Advance 9/11-10/12/55	-
Total	9.0
Total advance previously reported	400.8
Total advance 9/11-10/12/55	115.2
Total	516.0

Resume:

		Feet
Drifting and crosscutting approved by contract:		1,837.8
Completed by Lory M. Free	1,096.0 feet	
Completed by Consolidated Uranium Mines, Inc.	516.0	
	1,612.0	1,612.0
Uncompleted		225.8
Diamond drilling approved by contract:		2,020.0
Diamond drill completed		170.0
Uncompleted		1,850.0

SAMPLING

Samples secured during the inspection on September 11 and listed on the map accompanying that report are as follows:

Sample No.	%, WO_3		Location
1678	*0.01	car sample	North drift
1679	*0.01	"	"
1680	0.01	"	"
1681	*0.01	"	"
1682	*0.01	"	"
1683	0.25	"	South drift
1684	0.01	"	"
1685	0.04	"	"
1686	0.07	"	"
1687	0.22	"	"
1688	0.10	"	Crosscut No. 2
1689	0.11	"	"
1690	0.02	"	"

*=less than.

Samples secured on October 12 from the North drift, to be included in the next interim report, are numbers 1747 to 1753, inclusive.

GEOLOGY

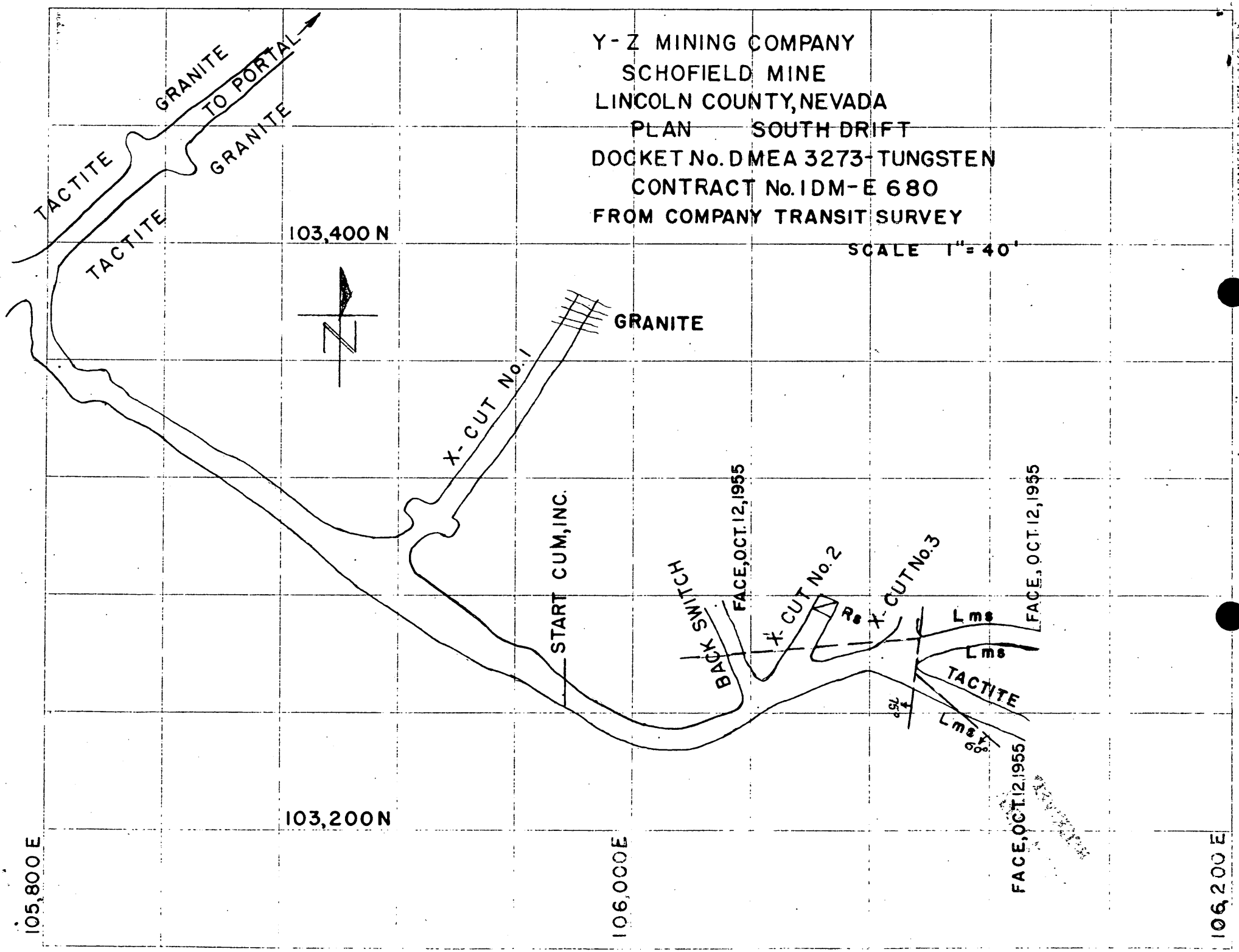
North drift: The crosscut extended along the course of the one diamond drill hole and noted as the "diamond drill crosscut" has been driven principally through barren limestone which has a general NW to SE strike and dips rather steeply to the west. Near the present face, a small amount of scheelite mineralization was observed, and it seems probable that the intersection with the Grubstake vein could be expected.

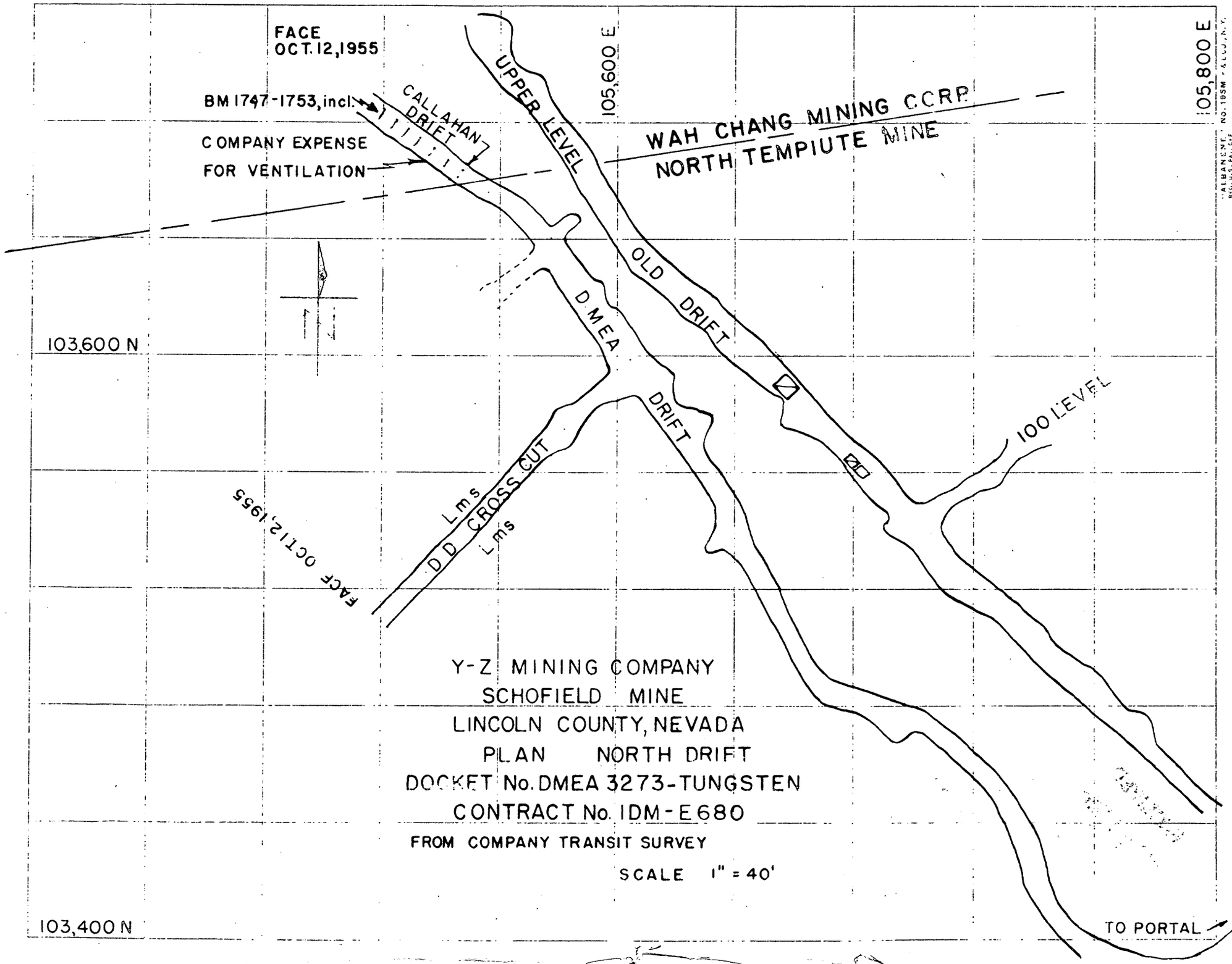
South drift: The drift has been changed from a course N87°E to a course S65°E and is now following the contact. Considerable scheelite mineralization was observed along the north wall of the drift.

FINANCIAL

Amount approved by contract	$77,035.00
Expenditures reported 9/30/55	56,115.00
Unexpended	$20,920.00

Glenn G. Gentry
Mining Engineer


Y-Z MINING COMPANY
SCHOFIELD MINE
LINCOLN COUNTY, NEVADA
PLAN SOUTH DRIFT
DOCKET No. DMEA 3273-TUNGSTEN
CONTRACT No. IDM-E 680
FROM COMPANY TRANSIT SURVEY
SCALE 1" = 40'
TACTITE
GRANITE
TO PORTAL
GRANITE
TACTITE
103,400 N
N
GRANITE
X-CUT No. 1
START CUM, INC.
BACK SWITCH
FACE, OCT. 12, 1955
X-CUT No. 2
Rs
X-CUT No. 3
Lms
Lms
TACTITE
Lms
75°
60°
FACE, OCT. 12, 1955
FACE, OCT. 12, 1955
103,200 N
105,800 E
106,000 E
106,200 E


FACE
OCT. 12, 1955
BM 1747-1753, incl.
COMPANY EXPENSE
FOR VENTILATION
CALLAHAN DRIFT
UPPER LEVEL
105,600 E
WAH CHANG MINING CORP.
NORTH TEMPIUTE MINE
105,800 E
OLD DRIFT
DMEA
DRIFT
100 LEVEL
103,600 N
Lms
DD CROSS CUT
Lms
FACE OCT 12, 1955
Y-Z MINING COMPANY
SCHOFIELD MINE
LINCOLN COUNTY, NEVADA
PLAN NORTH DRIFT
DOCKET No. DMEA 3273-TUNGSTEN
CONTRACT No. IDM-E680
FROM COMPANY TRANSIT SURVEY
SCALE 1" = 40'
103,400 N
TO PORTAL

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

ACCOUNTS OCT 18 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of September, 1955 Docket No. DMEA 3273 Contract No. IDM-E 690
Operator's Name Consolidated Uranium Mines, Inc. Minerals Tungsten
Address 438 South Main Street, Salt Lake City, Utah
Contract Amount, $ 77,035.00 Government Participation: 75 % Amount, $ 57,776.25

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		$ 1,105.00	$ 1,105.00			
Bulldozing						
Crosscutting	$1,063.00	23,639.50	25,702.50			
Drifting	1,035.00	27,772.50	28,807.50			
"D" Drill Station		500.00	500.00			
(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						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$2,098.00	$53,217.00	$56,115.00			

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

Date Oct. 11, 1955 *Payee Consolidated Uranium Mines, Inc.

Per M. Christensen Title Secretary-Treasurer

*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)

NOV 14 1955

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

$2173.50

David W. Stoberg

Signature (Authorized Certifying Officer)

Date NOV 7 1955 Vou. No. SF-DMCA-17

(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-E680 in accordance with the terms of the contract.

Signature Glenn G. Gentry Title Mining Engineer Date 10/13/55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature S. Ricker Title Executive Officer Date 10/14/55

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).

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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-101A
(April 1952)

Budget Bureau No. 42-R1151
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Sept. 5 195 Docket No. DMEA 3273 Contract No. IDM-E 680

Operator's Name Consolidated Uranium Mines, Inc. Minerals Tungsten

Address 438 South Main St., Salt Lake City, Utah

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	1 Ft.	$1,035.00	30	$26,607.50	635	$34.50	18378	
Crosscutting	1 Ft.	1,863.00	54	25,702.50	745	34.50		
Raising								
Shafts								
Winzes	1 Ft.			1,105.00	170	6.50	2020	
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
"D" Drill Station	1			500.00		500.00	1	
TOTAL DISTRIBUTED COSTS		2,898.00	84	56,115.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								77,035.00

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 Oct. 11, 1955 Operator Consolidated Uranium Mines, Inc.

Per [signature] Title Secretary-Treasurer

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)

[signature]

RECEIVED
NOV 14 1955

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

October 10, 1955

Mr. S. Ricker, Executive Officer
D.M.E.A. Field Team, Region II
U. S. Bureau of Mines
1605 Evans Ave.
Reno, Nevada

Re: Docket No. DMEA-3273 (Tungsten)
Consolidated Uranium Mines, Inc.
Schofield Mine
Lincoln County, Nevada
Contract No. IDM-E680

Dear Mr. Ricker:

During the month of September, 1955 the XC to the grubstake was advanced 22 feet, the drift south was advanced 32 feet and the back switch drift south was advanced 30 feet. A full crew was on the property but spent most of the period re-laying the mine track with heavier rail (suitable for locomotive haulage) and preparing ore previously developed for stoping.

Progress in the XC to the grubstake fissure was 22 feet. All the advance was in shaley limestone. No samples were taken but crystals of scheelite were noted in the limestone.

In the main drift south on the hanging wall of the Moody ore zone a cross fault cut off the contact and a new drift was collared at the cross fault and advanced 32 feet. All of the progress was on the hanging wall contact zone with a limestone hanging wall and tactite footwall. No assays have been returned but judging from its appearance under a mineral light the tactite should assay 0.30% WO3.

The back switch drift south was collared and advanced 30 feet. A fault which offset the contact to the north forced us to run our haulageway in the hanging wall limestone for 70 feet until we could swing back onto the fissure and the back switch is in this by passed portion of the fissure. The first 8 feet of advance was in the hanging wall limestone and the remaining 22 feet was in the tactite of the Moody ore zone. No assays have been returned on this portion but judging from an examination with the mineral light it should assay 0.30% WO3.

Yours truly,

CONSOLIDATED URANIUM MINES, INC.

By Lyman Moore
Lyman Moore, Mining Engineer

LM:ea

REFERENCES Y-Z Mining Co.

SCALE 1 in = 100 ft.

CONSOLIDATED URANIUM MINES, INC.

DMEA 3273 Cont. IDM-F680

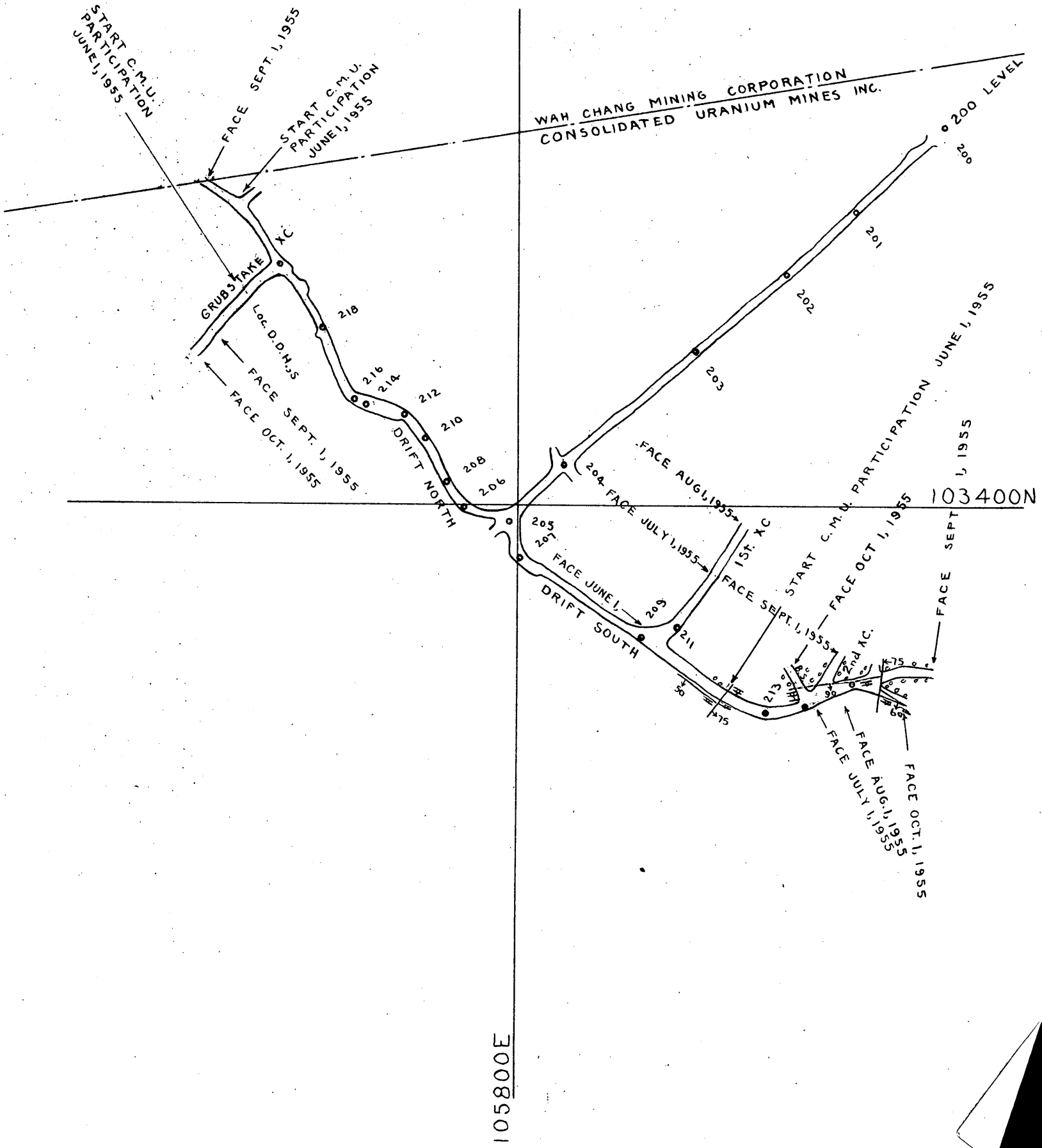
NORTH TEMPIUTE MINE

TEMPIUTE NEVADA

Sept. 1, 1955

DRAWN BY Lyman Moore

REVISED _____ DATE _____



RECEIVED

OCT 3 - 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

9/29/55

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- 3273

Contract No. Idm-E 680

Commodity Tungsten

Operator Consolidated Uranium Mines, Inc. (Assignee)

Property Schofield Mine
Lincoln County, Nevada

By Glenn G. Gentry

Dated 9/23/55

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)

RECEIVED
OCT 3 - 1955

INTERIM REPORT

Docket No.: DMEA-3273 (Tungsten) September 23, 1955

Name and address of operator: Consolidated Uranium Mines, Inc., Assignee
E. G. Frawley, President
438 South Main Street
Salt Lake City, Utah

Name and location of property: Raw Ella, Rae Ella No. 2 and Phyllis claims (Schofield Mine)
Tempiute Mining District
Lincoln County, Nevada

Contract No. Idm-E680, Amended

SUMMARY

The Schofield mine was visited on September 11 and the DMEA exploration work inspected. Mr. R. E. Cox, mine superintendent, was not available during the inspection.

From five to seven men have been employed on the project and steady progress has been made. Additional new equipment, on hand at the mine and ready for installation, consists of 1 EIMCO No. 12 B mucking machine, 1 Mancha battery locomotive and charging unit, and five mine cars. The removal of 12- and 16-pound mine rail, used by Mr. Free, and the installation of 30-pound rail throughout the mine is being made in order to reduce transportation difficulties and to haul additional tonnage.

During a conference on September 8 with representatives of the company in their Salt Lake City office, it was learned that no

shipments of crude ore had been made by the Assignee and that future shipments would be made to a tungsten mill owned by the Consolidated Uranium Mines, Inc. and located approximately 21 miles east of Austin, Nevada. The distance from the Schofield mine to this mill is about 250 miles. The mill is presently treating scheelite ore produced by the Linka mine, and the two ores are to be kept separate. The operator expects to accurately weigh and sample the crude ore hauled from the Schofield mine and to maintain adequate production records for Government inspection.

WORK COMPLETED

South drift:

Previously reported		153.6 feet
Advance 8/14-9/11		33.2 feet
	Total	186.8 feet

North drift:

Previously reported		4.5 feet
Advance 8/14-9/11		21.5 feet
	Total	26.0 feet

South drift - crosscutting:

Previously reported		18.0 feet
Advance 8/14-9/11 (Crosscut No. 2)		19.0 feet
	Total	37.0 feet

South drift - crosscutting:

Previously reported		None
Advance 8/14-9/11 (Crosscut No. 3)		9.0 feet
	Total	9.0 feet

North drift - crosscutting:

Diamond drill crosscut	
Previously reported	12.0 feet
Advance 8/14-9/11	30.0 feet
Total	42.0 feet

Total exploration 8/14-9/11	= 112.7 feet
Total previously reported	= 288.1 feet
	400.8 feet

Resume:

Drifting and crosscutting approved by contract		1,837.8 feet
Completed by Lory M. Free		1,096.0 feet
Completed by Assignee		400.8 feet
	Completed - Total	1,496.8 feet
	Uncompleted	341.0 feet

Diamond drilling approved by contract	2,020.0 feet
Completed	170.0 feet
Uncompleted	1,850.0 feet

The Assignee has been unable to secure the services of a diamond drilling contractor, and it now appears very doubtful that the drilling phase of the project will be completed. The operator has continued to extend the crosscut off the North drift in a westerly direction and follow D.D.H. No. 1, in an effort to find the Grubstake vein.

SAMPLING

South drift - Crosscut No. 1 :

Sample No.	Width, feet	%, WO_3	
BM-			
1662	4.5	0.27	Car sample
1663	4.5	0.25	"
1664	4.5	*0.01	"
1665	4.5	*0.01	"
1666	4.5	0.01	"
1667	4.5	0.03	"
1668	4.5	*0.01	"

South drift:

Sample No.	Width, feet	%, WO_3	
BM-			
1646	4.5	0.12	Car sample
1647	4.5	0.08	"
1648	4.5	0.24	"
1649	4.5	0.44	"
1650	4.5	0.19	"
1651	4.5	0.24	"
1652	4.5	0.19	"
1653	4.5	0.16	"
1654	4.5	0.26	"
1655	4.5	0.24	"
1656	4.5	0.20	"
1657	4.5	0.04	"
1658	4.5	0.04	"
1659	4.5	0.19	"
1660	4.5	0.17	"

Northdrift:

	1661	4.5	0.07	"
(stockpile)	1669	Grab & chip	0.19	Ore stockpiled for shipment to mill.

FINANCIAL

Amount approved by contract	$77,035.00
Expenditures reported 7/31/55	46,765.50
Unexpended	$30,269.50

Glenn G. Gentry
Mining Engineer

Form ME-101 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

ACCOUNTING SEP 2

OPERATOR'S MONTHLY REPORT AND VOUCHER

RECEIVED OCT 10 1955

Month of August, 1955 Docket No. DMEA 3273 Contract No. Ida-E 600
Operator's Name Consolidated Uranium Mines, Inc. Minerals Tungsten
Address 430 South Main St., Salt Lake City, Utah
Contract Amount, $ 77,035.00 Government Participation: 75 % Amount, $ 57,776.25

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY WSM: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	0	1,105.00	1,105.00			
Bulldozing						
Crosscutting	2,691.00	21,148.50	23,839.50			
Drifting	3,760.50	24,012.00	27,772.50			
"D" Drill Station		500.00	500.00			
(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						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	6,451.50	46,765.50	53,217.00			

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

Date 9/23/56 *Payee Consolidated Uranium Mines, Inc.

Per M. Christensen Title Secretary-Treasurer

*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:

$ 4838 62

Cheryl M. Christensen
Authorized Certifying Officer

Signature
(Authorized Certifying Officer)

Date Vou. No. SF-DMEA-14

(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-E680 in accordance with the terms of the contract.

Signature Glenn G. Geary Title Mining Engineer Date 9/26/55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: Executive Officer DMEA Field Team

Signature S. Ricker Title Region II Date 9/26/55

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.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
OCT 10 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 1955 Docket No. DMEA 3273 Contract No. 10a-C 660
Operator's Name Consolidated Uranium Mines, Inc. Minerals Tungsten
Address 430 South Main St., Salt Lake City, Utah

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	1-Ft.	3,760.50	109	27,772.50	605	34.50	1837.8	
Crosscutting	1-Ft.	2,691.00	78	23,039.50	691	34.50		
Raising					1496			
Shafts								
Winzes								
Drilling: Core	1 Ft.			1,105.00	170	6.50	2020	
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
"D" Drill Station	1			500.00		500.00	1	
TOTAL DISTRIBUTED COSTS		6,451.50		53,217.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								77,035.00
TOTAL COSTS								

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 9/23/55 Operator Consolidated Uranium Mines, Inc.

Per W. Christensen Title Secretary-Treasurer

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)

Glenn E. Greenley

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
OCT 10 1955

438 South Main Street

September 19, 1955

xxxxxxx
xxxxxxxxxx

P. O. Box 2578

Mr. S. Ricker, Executive Officer
D.M.E.A. Field Team, Region II
U. S. Bureau of Mines
1605 Evans Ave.
Reno, Nevada

Re: Docket No. DMEA-3273 (Tungsten)
Consolidated Uranium Mines, Inc.
Schofield Mine
Lincoln County, Nevada
Contract No. IDM-E680

Dear Mr. Ricker:

During the month of August, 1955, the main drift south was advanced 77 feet, the second XC from the south drift was advanced 38 feet, the XC to the grubstake was advanced 40 feet, and the drift to the north was advanced 32 feet.

The total advance was 109 feet of drifting and 78 feet of cross cutting.

The main drift south is being advanced on the hanging wall of the Moody ore zone. For the first 38 feet of drifting the fissure averaged 0.20% WO3 over the drift width. At 38 feet a cross-fault was hit which has offset the ore zone to the south. The remainder of the progress was in the tactite of the Moody ore zone. A new drift is being collared at the fault and turned sharply to follow the offset.

The second XC from the south drift was collared and advanced 38 feet. All of the progress was in well mineralized tactite. The present face is in low grade tactite.

The XC to the grubstake fissure was advanced 40 feet. All the progress was in shaley limestone.

The main drift to the north was advanced 32 feet where it has reached the property line. All of the progress was in the tactite of the Moody ore zone.

Yours truly,

CONSOLIDATED URANIUM MINES, INC.

By Lyman Moore
Lyman Moore, Mining Engineer

LM:em

REFERENCES Y-Z Mining Co.

SCALE 1 in = 100 ft.

CONSOLIDATED URANIUM MINES, INC.

DMEA 3273 Cont. IDM-F680

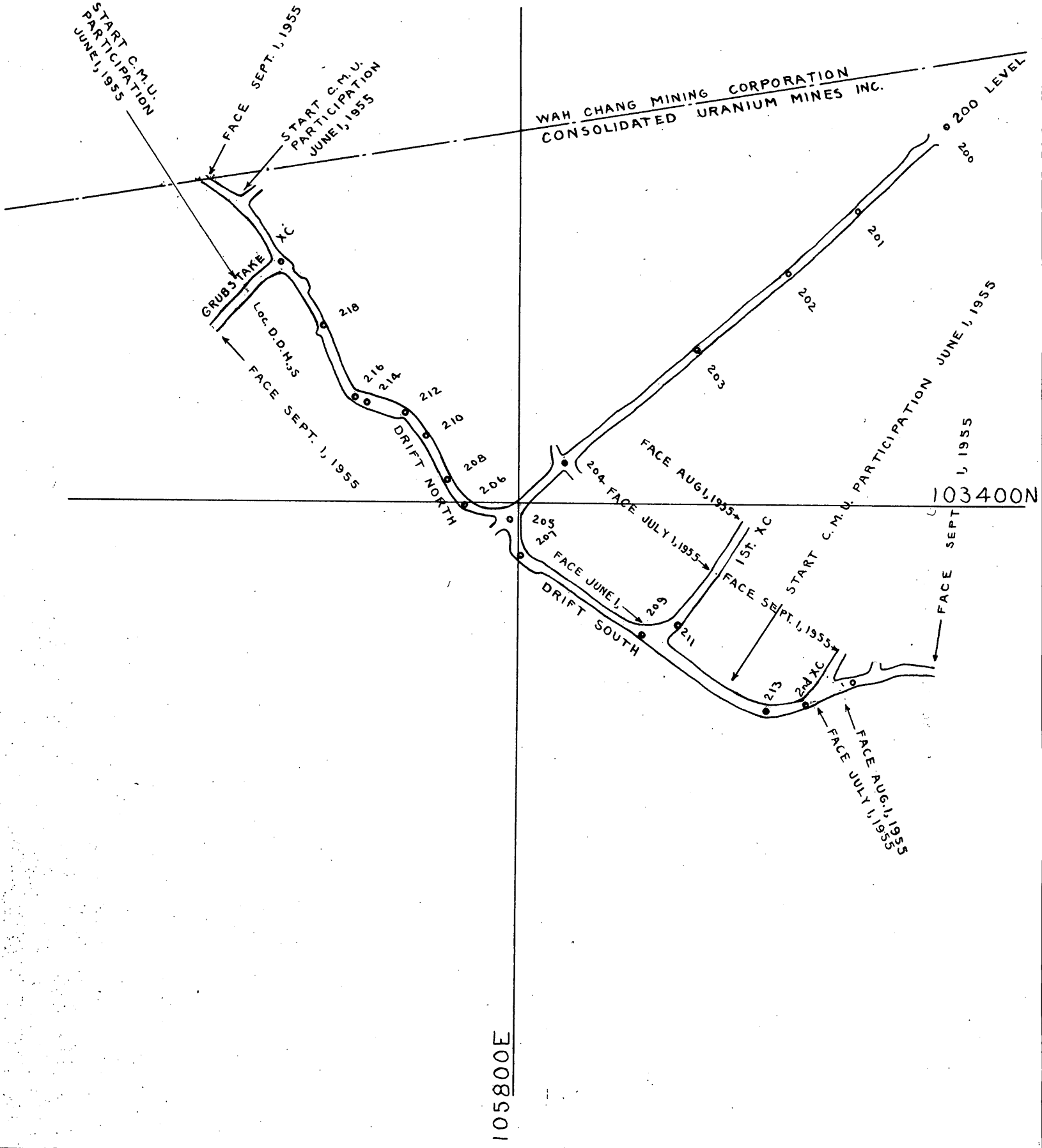
NORTH TEMPIUTE MINE

TEMPIUTE NEVADA

Sept. 1, 1955

DRAWN BY Lyman Moore

REVISED DATE



DMEA

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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AUG 31 1956

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

8/29/55

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- 3273

Contract No. Idm-E 680

Commodity Tungsten

Operator Consolidated Uranium Mines, Inc.

Property Schofield Mine, Lincoln County, Nev.

By Glenn G. Gentry

Dated 8/26/55

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)

RECEIVED
AUG 3 1 1955

INTERIM REPORT

Docket No.: DMEA-3273 - Tungsten August 26, 1955

Name and address of operator: Consolidated Uranium Mines, Inc.
E. G. Frawley, President
307 Darling Building
Salt Lake City, Utah

Name and location of property: Rae Ella, Rae Ella No. 2 and Phyllis claims (Schofield Mine)
Tempiute Mining District
Lincoln County, Nevada

Contract No.: Idm-E680 amended

SUMMARY

Accompanied by Mr. R. E. Cox, the Schofield Mine was visited on August 14 and 15, 1955.

The assignor and assignee have executed the assignment of the contract, and under date of August 22, 1955 these documents were mailed to the Washington office of DMEA for signature of the Administrator.

The Consolidated Uranium Mines, Inc. have continued to extend the various workings according to the amended exploration contract and have been successful in exposing additional scheelite mineralization.

Approximately 500 tons of tungsten ore has been stockpiled at the mine as the result of recent exploration. At a later date, Mr. Frawley expects to ship approximately 1,000 tons of ore to a metallurgical plant in Salt Lake City, Utah for test purposes. The results of this test work are expected to be valuable in determining the necessary flow sheet for

a new milling plant which the operator is contemplating for erection at Crystal Springs, approximately 40 miles east of the mine. The Government will receive royalties from the proposed 1,000 ton shipment.

WORK COMPLETED

Total advance by Consolidated Uranium Mines, Inc.:

South drift	153.6 feet
North drift	4.5 feet
	158.1 feet

Crosscutting:

South drift -	crosscut No. 1	100 feet
	crosscut No. 2	18
North drift -	diamond drill crosscut	12
		130 feet

Total	288.1 feet

The operator has not resumed diamond drilling. Mr. Cox has been unable to secure the services of a reliable drilling contractor at any reasonable cost. For that reason, the company have started crosscutting, following the diamond drill hole No. 1.

GEOLOGY

The South drift extension has disclosed considerable scheelite mineralization though near the face limestone was encountered which showed massive pyrite in which no scheelite was noted. Samples BM-1646-1658 were secured from this drift and the WO_3 analyses will be included in the next interim report.

South drift - Crosscut No. 1: This crosscut was extended through mineralized tactite to the contact with the granite where the scheelite ended. Samples BM-1662-1668 were secured from the crosscut and the WO_3 analyses will be included in the next interim report.

South drift - Crosscut No. 2: This crosscut was extended through well mineralized tactite for a short distance and will be continued to the granite contact.

North drift: This drift was continued for a distance of 4.5 feet through well mineralized tactite. The operators, under a tentative agreement with the Wah Chang Mining Corporation, expect to continue this drift and connett with one of the levels of the Lincoln mine and thereby improve ventilation in the Schofield mine. Sample BM-1661 was secured from the 4.5 foot advance and will be reported with the other samples.

North drift - diamond drill crosscut: This crosscut was extended through barren limestone which has a general northwest-southeast strike and dipping steeply to the west. No scheelite mineralization was noted.

Glenn G. Gentry
Mining Engineer

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SEP 27 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Memorandum

1605 Evans Avenue
Reno, Nevada

Date: 9/26/55

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

WSM

From: Executive Officer, DMEA Field Team, Region II

Subject: Operator's Monthly Progress Reports - Forms MF-104 and MF-104A

Attached are two copies of each of the subject report(s) received from the operator as listed below. These reports have been audited and passed to the Treasury for payment.

Contract No.	Operator	Report Dated	Period Covered
Idm-E680 DMEA-3273	Consolidated Uranium Mines	9/14/55	June, 1955
Idm-E680 DMEA-3273	Consolidated Uranium Mines	9/14/55	July, 1955

S. Ricker
Executive Officer
DMEA Field Team, Region II

Attachments

Copy to: H. C. Miller
R. M. Smith
File

MF June July

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

ACCOUNTS RECEIVED SEP 22 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

SEP 27 1955

Month of July, 195 5 Docket No. DMEA 3273 Contract No. Idm-3600

Operator's Name Consolidated Uranium Mines, Inc. Minerals Tungsten

Address 430 South Main Street, Salt Lake City, Utah

Contract Amount, $ 77,035.00 Government Participation: 75 % Amount, $ 57,776.25

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	$	$ 1,105.00	$ 1,105.00			
Bulldozing						
Crosscutting	1,345.50	19,803.00	21,148.50			
Drifting	931.50	23,080.50	24,012.00			
"D" Drill Station		500.00	500.00			
(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						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$ 2,277.00	44,488.50	46,765.50			

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

Date Sept. 14, 1955 Payee Consolidated Uranium Mines, Inc.

Per E. H. Crawley Title President

*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:

$ 1707 75

Lloyd H. Sjolander
Signature Authorized Certifying Officer
(Authorized Certifying Officer)

Date Vou. No. SF-Dmca-13

(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-1680 in accordance with the terms of the contract.

Signature [signature] Title Mining Engineer Date 9/21/55

Glenn G. Gentry

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: Executive Officer DMEA Field Team

Signature [signature] Title Region II Date 9/21/55

J. 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

ACCOUNTS SEP 28 1955 RECEIVED

DEFENSE MINERALS EXPLORATION ADMINISTRATION

SEP 27 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 1955 Docket No. DMEA 3273 Contract No. Idr-660

Operator's Name Consolidated Uranium Mines, Inc. Minerals Tungsten

Address 436 South Main St., Salt Lake City, Utah

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	1-Ft.	931.50	27	24,012.00	696	34.50	1837.8	
Crosscutting	1-Ft.	1345.50	39	21,148.50	613	34.50		
Raising								
Shafts								
Winzes								
Drilling: Core	1 Ft.			1,105.00	170	6.50	2020	
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
"D" Drill Station	1			500.00		500.00	1	
TOTAL DISTRIBUTED COSTS		2,277.00		46,765.50				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								77,035.00
TOTAL COSTS		2,277.00		46,765.50				

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.

REMARKS:

Date Sept. 14, 1955 Operator Consolidated Uranium Mines, Inc.

Per E. G. Jepsen Title President

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)

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

430 South Main Street

RECEIVED
SEP 27 1955

September 9, 1955

xxxxxxx
xxxxxxxxxxx

P. O. Box 2578

Mr. S. Ricker, Executive Officer
D.M.E.A. Field Team, Region II
U. S. Bureau of Mines
1605 Evans Ave.
Reno, Nevada

Re: Docket No. DMEA-3273 (Tungsten)
Consolidated Uranium Mines, Inc.
Schofield Mine
Lincoln County, Nevada
Contract No. IDM-E680

Dear Mr. Ricker:

During the month of July, 1955, a crew of 6 men worked on the above project. The main drift south was advanced 27 feet and the first cross-cut northeast from the main drift south was advanced 39 feet. The total monthly advance was 66 feet.

The main drift south is being advanced on the hanging wall of the Moody ore zone. The first 17 feet of the advance was in the limestone hanging wall due to a 35 ft. offset of the zone by a cross fault. The hanging wall was cut at 17 and the last 10 ft. was advanced on the hanging wall ore zone. Car samples from this 10 ft. averaged 0.25% WO_3.

The first XC to the northeast from the main drift south was advanced 39 feet. The first 29 feet were in massive tactite which assayed 0.04% WO_3 to 0.27% WO_3. The last 10 ft. of advance was in the foot wall sulfide zone where there is heavy mineralization of pyrite and pyrrhotite, and which assayed 0.20% WO_3. The face of the drift has reached the foot wall contact with granite.

Yours truly,

CONSOLIDATED URANIUM MINES, INC.

By Lyman Moore
Lyman Moore, Mining Engineer

LM:em

REFERENCES Y-Z Mining Co.

SCALE 1 in = 100 ft.

CONSOLIDATED URANIUM MINES INC.

DMEA 3273 Cont. IDM-F680

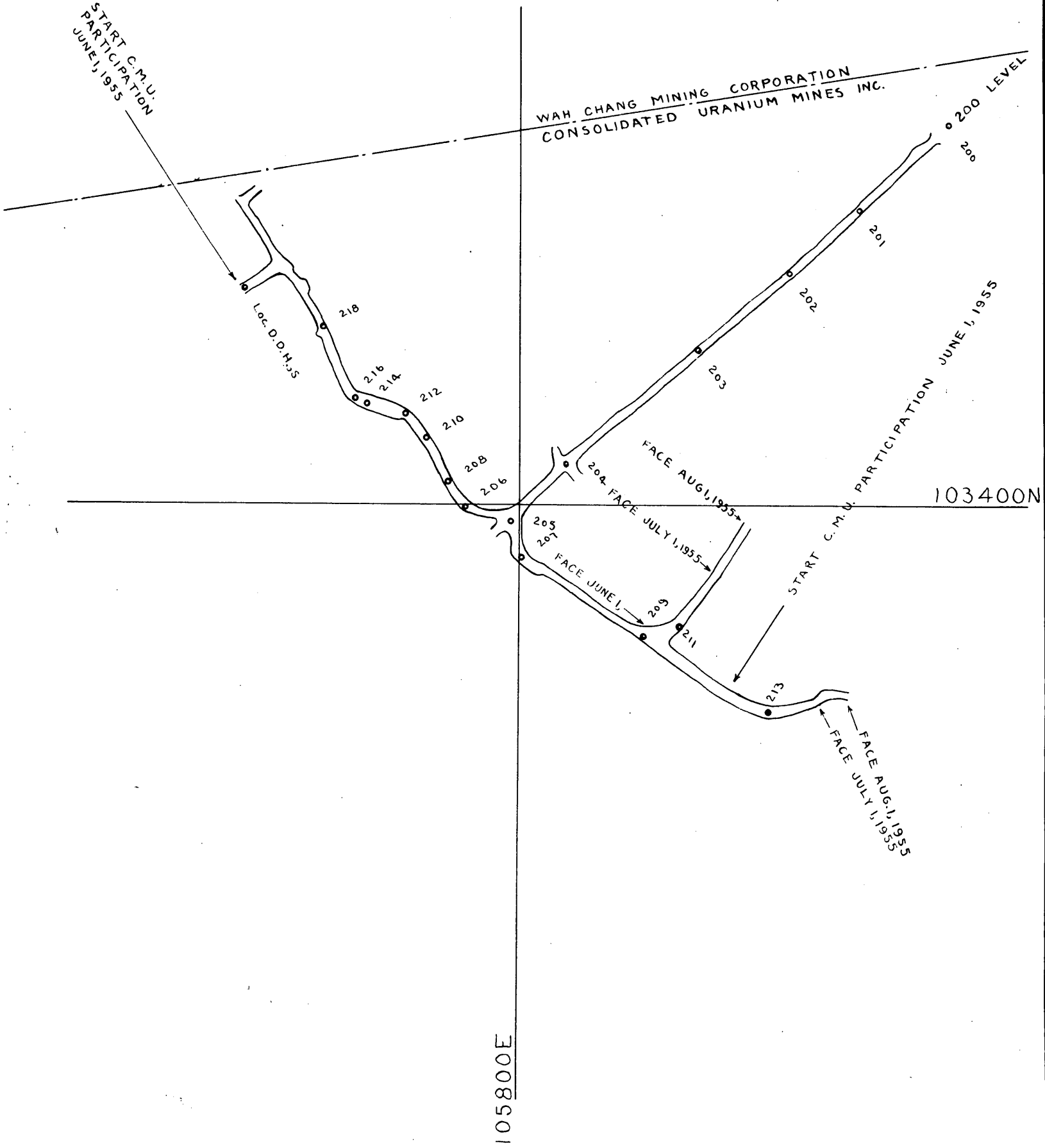
NORTH TEMPIUTE MINE

TEMPIUTE NEVADA

Sept. 1, 1955

DRAWN BY Lyman Moore

REVISED _____ DATE _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JUL 18 1955

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

July 15, 195

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- 3273

Contract No. Idm-E 680

Commodity Tungsten

Operator Y. Z. Mining Co.

Property Schofield Mine, Lincoln Co., Nev.

By Glenn G. Gentry

Dated July 14, 1955

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)

INTERIM REPORT

Docket No.: DMEA-3273 - Tungsten July 14, 1955

RECEIVED JUL 13 1955

Name and address of operator: Lory M. Free, d/b/a
Y. Z. Mining Company
Panaca, Nevada

Name and location of property: Rae Ella, Rae Ella No. 2 and Phyllis Claims (Schofield Mine)
Tempiute Mining District
Lincoln County, Nevada

Contract No.: Idm-E680

SUMMARY

The Schofield mine was visited on July 8, 1955 for the purpose of inspecting the work performed under the exploration contract. The inspection was made in the company of Mr. Lory M. Free and R. E. Cox, one of the miners employed by Mr. Free.

Under date of May 21, 1955, the Y.Z. Mining Company entered into an "option agreement" with Mr. E. G. Frawley who desired to purchase the mining lease on the Schofield mine, held by Mr. Free and his partners.

Under date of June 1, 1955, Mr. Frawley adquired the said mining lease and by letter dated July 6, 1955 requested the DMEA exploration contract No. Idm-E680 be assigned to the Consolidated Uranium Mines, Inc. of which Mr. Frawley is president.

Due to the change in ownership of the mining lease, it was necessary to check the measurements of the exploration work concluded by Mr. Free as of May 31, 1955 and to establish measuring points for the new lessees.

The exploration work accomplished by Mr. Free in accordance with the contract consisted of:

Crosscutting	505.0 feet
Drifting	591.0 feet
Diamond drilling	114.2 feet

1 Diamond drill station

The examining engineer considers the work done by Mr. Free as being satisfactory to the Government.

Beginning on June 1, 1955, the mine operations for the Consolidated Uranium Mines, Inc. have been supervised by Mr. Jerry Ricker, who accompanied the examining engineer for one hour on the afternoon of July 8, 1955.

Since assuming the mining lease on July 1, the new lessee has produced and stockpiled at the mine an estimated 100 tons of scheelite ore. An inspection of this stockpile by mineralight on the night of July 8 indicated an approximate average of 0.4% WO_3.

The operator's report that no tungsten ore has been shipped since July 1. No definite information could be obtained from the new lessees superintendent relative to their plans for marketing the future production of crude tungsten ore.

On the date of this inspection, the lessees personnel consisted of 1 superintendent, 2 miners, and 1 mechanic-truck driver. The miners are working one shift per day and seven days per week on a contract basis. For conducting drilling, blasting, hand mucking, hand tramming and hauling water, the miners receive $10.00 per foot. The equipment and mining supplies are furnished by the lessee. The miners are dissatisfied with the present contract price and have requested

an increase to $12.00 per foot plus the installation of a battery locomotive for haulage.

The lessee's superintendent reported that he would confer with company officials in Salt Lake City, Utah, relative to the miners request for an increase in the drifting contract rate.

The exploration work performed by the Consolidated Uranium Mines, Inc. has amounted to:

Extension of the southeast drift	63.2 feet
Extension of the northeast crosscut	52.3 feet
TOTAL	115.5 feet

Diamond drilling:

Under date of June 4, 1955, Mr. Howard H. Knighten, drilling contractor employed by Mr. Free, started diamond drilling from the crosscut off the northwest drift. The drill hole was extended horizontally for a distance of 114.2 feet in an effort to intersect the Grubstake Vein and abandoned at that point by the drilling contractor as he was unable to proceed further. Numerous faults and water courses were encountered which resulted in the loss of drilling water. The character of the rock also caused excessive wear on the bits and loss of diamonds. Mr. Knighten had contracted to do the diamond drilling at $3.15 per foot. However, due to the difficulties encountered, Mr. Knighten canceled his contract and removed his equipment.

During the latter part of June, the Consolidated Uranium Mines, Inc. in a further effort to complete the diamond drilling program employed the firm of Palmer and Decker of Bishop, Calif. This company installed the necessary heavier drilling rig and an experienced operator and started work. However, they found the supply of compressed air and water

to be inadequate and discontinued operations until these conditions could be corrected.

Mr. Palmer has advised that he had informed Mr. Frawley relative to the above matters and was awaiting his decision.

Glenn G. Gentry
Mining Engineer

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JUL 12 1955

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

July 8, 1955

Memorandum

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Interim Inspection Report

Attached are the original and three copies of an Interim Report on:

Docket No. DMEA- 3273

Contract No. Idm-E 680

Commodity Tungsten

Operator Y. Z. Mining Co.

Property Schofield Mine
Lincoln Co., Nev.

By Glenn G. Gentry

Dated 7/8/55

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)

RECEIVED
JUL 12 1955

INTERIM REPORT

Docket No.: DMEA-3273 - Tungsten July 8, 1955

Name and address of operator: Lory M. Free
Y. Z. Mining Company
Panaca, Nevada

Name and location of property: Rae Ella, Rae Ella No. 2 and Phyllis claims
(Schofield Mine)
Tempiute Mining District
Lincoln County, Nevada

Contract No.: Idm-E680

SUMMARY

The office of the Y. Z. Mining Company, located in Panaca, Nev., was visited on June 29, 1955 and a conference held with Mr. Lory M. Free, president and operator for the mining company.

As Mr. Free was not at the mine during the inspection on June 3 and 4 and was also out of the State when his office was visited on June 4, the purpose of the present visit was to secure details of recent shipments of crude ore from the mine and royalty due the Government; also to discuss the recent sale of the mining lease by Mr. Free to the Consolidated Uranium Mines, Inc. and such other details pertinent to the continuation of the DMEA exploration contract.

Under date of June 29, 1955, Mr. Free submitted a written request that the exploration contract be assigned to the Consolidated Uranium Mines, Inc. However, at this writing, this office has not

received a request from the Consolidated Uranium Mines, Inc. for such an assignment of contract.

Mr. Free also advised that his active interest in the property was ended on May 31, 1955 and for that reason a final inspection of Mr. Free's exploration work will be made on or about July 9, 1955.

The diamond drilling, conducted by Mr. Howard H. Knighten, amounted to 114.2 feet of drill hole and was discontinued on June 22, 1955 due to intersecting numerous fissures, loss of water and excessive bit wear and loss of diamonds. Mr. Knighten was conducting the drilling on a contract basis at $3.15 per foot. The plans of future drilling by the Consolidated Uranium Mines, Inc. are indefinite. No definite information was available relative to processing present and future production.

Glenn G. Gentry
Mining Engineer

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

ACCOUNTS RECEIVED SEP 22 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

SEP 27 1955

Month of June, 1955 Docket No. DMEA 3273 Contract No. Idm-E630
Operator's Name Consolidated Uranium Mines, Inc. Minerals Tungsten
Address 438 South Main St., Salt Lake City, Utah
Contract Amount, $ 77,035.00 Government Participation: 75 % Amount, $ 57,776.25

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	1,105.00	None	1,105.00			
Bulldozing						
Crosscutting	2,380.50	17,422.50	19,803.00			
Drifting	2,691.00	20,389.50	23,080.50			
"D" Drill Station		500.00	500.00			
(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						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$ 6,176.50	38,312.00	44,488.50			

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

Date Sept. 14, 1955 *Payee Consolidated Uranium Mines, Inc.

Per [signature] Title President

*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:

$ 4632.37

Signature [signature]
(Authorized Certifying Officer)
Authorized Certifying Officer

Date Vou. No. SF-DMEA-13

(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-E680 in accordance with the terms of the contract.

Signature Glenn G. Gentry Title Mining Engineer Date 9/21/55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: Executive Officer DMEA Field Team

Signature S. Ricker Title Region II Date 9/21/55

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-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

ACCOUNTS SEP 22 1955

RECEIVED

SEP 27 1955

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of June 1955 Docket No. DMEA 3273 Contract No. Idm-E680

Operator's Name Consolidated Uranium Mines, Inc. Minerals Tungsten

Address 438 South Main St., Salt Lake City, Utah

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	1 Ft.	$2,691.00	78	$23,080.50	669	$34.50	1837.8	
Crosscutting	1 Ft.	2,380.50	69	19,803.00	574	34.50		
Raising								
Shafts								
Winzes								
Drilling: Core	1 Ft.	1,105.00	170	1,105.00	170	6.50	2020	
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
"D" Drill Station	1			500.00		500.00	1	
TOTAL DISTRIBUTED COSTS		$6,176.50		44,488.50				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								77035.00
TOTAL COSTS		$6,176.50		44,488.50				

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.

REMARKS:

Date Sept. 14, 1955 Operator Consolidated Uranium Mines, Inc.

Per E. J. Frawley Title President

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)

Glenn J. Frawley

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
SEP 27 1955

430 South Main Street

September 10, 1955

xxxxxxx
xxxxxxxx

P. O. Box 2578

Mr. S. Kicker, Executive Officer
D.M.E.A. Field Team, Region II
U. S. Bureau of Mines
1605 Evans Ave.
Reno, Nevada

Re: Docket No. DMEA-3273 (Tungsten)
Consolidated Uranium Mines, Inc.
Schofield Mine
Lincoln County, Nevada
Contract No. IDM-E680

Dear Mr. Kicker:

During the month of June, 1955, a crew of 7 men worked on the above project and the main drift south was advanced 78 feet and the first XC northeast from the main drift south was advanced 69 feet, making a total advance of 147 feet for the month of June. 170 feet of diamond drilling was also done.

The main drift south is being advanced on the hanging wall of the Moody ore zone. At the start of June the face was 230 feet southeast of the main cross cut. The first 15 feet of advance was in a fault zone which cut the Moody zone at about right angles and judging from the surface outcrop (about 200 vertical feet above) it displaced the Moody ore zone about 35 feet to the northeast. The drift was swung to the left but was still in the limestone hanging wall of the Moody at the close of the month. Cut samples from the hanging wall limestone ran from 0.00 WO3 to 0.15 WO3.

The first XC to the northeast from the main drift south was collared 160 feet from the main XC and advanced 69 feet. All of the advance was in tactite which assayed 0.00% WO3 to 0.12% WO3.

From the main drift north 295 feet north of the main XC 170 feet of diamond drilling was done with the grubstake vein as the objective. Some very broken hard silicious rock was encountered and drilling had to be abandoned after three holes were lost in this unfavorable ground.

Yours truly,

CONSOLIDATED URANIUM MINES, INC.

By Lyman Moore
Lyman Moore, Mining Engineer

LM:em

REFERENCE Y-Z Mining Co.

SCALE 1 in = 100 ft.

CONSOLIDATED URANIUM MINES INC.

DMEA 3273 Cont. IDM-F680

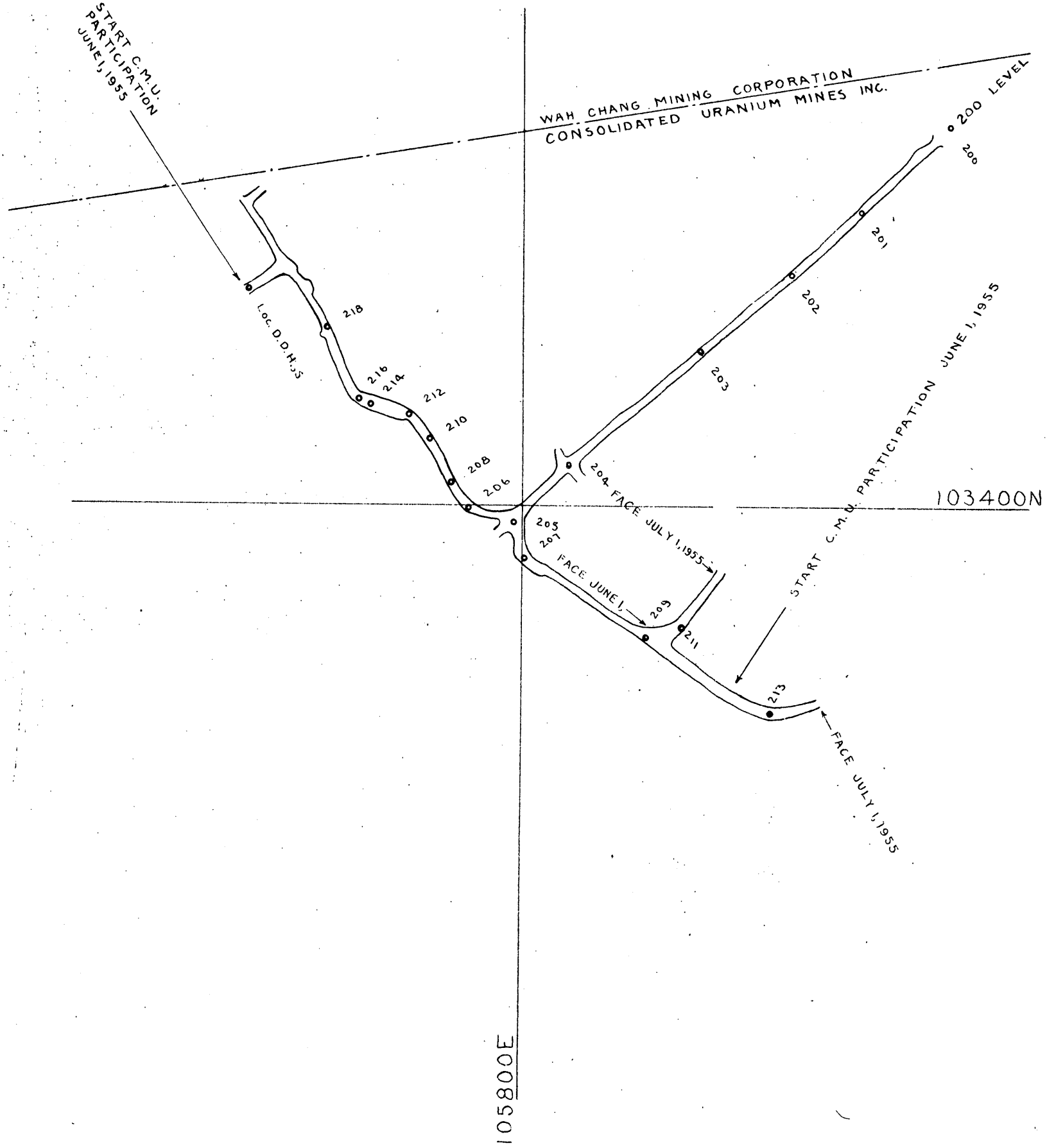
NORTH TEMPIUTE MINE

TEMPIUTE NEVADA

Sept. 1, 1955

DRAWN BY Lyman Moore

REVISED _____ DATE _____



RLC

REGION II
SEMI-ANNUAL REPORT
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Docket No.: DMEA-3273 (Tungsten) **Date:** June 30, 1955

Contract No.: Idm-E680

Operator: Y. Z. Mining Co. (Schofield Mine)
Lory M. Free, d/b/a
Panaca, Lincoln County, Nevada

Date of Contract: June 24, 1954 **Completion Date:** April 24, 1956

	Total	Gov't Participation	Operator
Amount of Contract:	$77,035.00	$57,776.25	$19,258.75
Expenditures:	$39,054.30	$29,290.73	$ 9,763.57

Date Certified: Not yet certified. Certification will be recommended.

Status: The exploration project has not been completed.

	Tons	Grade	Gross Value	Deductions	Net Value
Total **Production DMEA:**	2,232.8	0.52%	$31,332.73	None	$31,332.73

	This Period	Todate	Percent Payment
Royalty:	$1,393.45	$1,393.45	4.75

Remarks:

Under date of June 1, 1955, the mining lease on the Schofield mine was sold to the Consolidated Uranium Mines Co., represented by E. G. Frawley, Pres., 307 Darling Bldg., Salt Lake City, Utah, who has requested that the remainder of the exploration project be assigned to his company. Mr. Frawley is continuing the exploration work, and approval of assignment of contract is recommended. The production is presently being stockpiled at the mine.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JUN 17 1955

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

June 15, 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- 3273

Contract No. Idm-E 680

Commodity Tungsten

Operator Y-Z Mining Co.

Property Schofield Mine, Lincoln Co., Nev.

By Glenn G. Gentry

Dated June 15, 1955

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)

INTERIM REPORT

RECEIVED
JUN 17 1955

Docket No.: DMEA-3273 - (Tungsten) June 15, 1955

Name and address of operator: Lory M. Free, d.b.a.
Y-Z Mining Co.,
Panaca, Nev.

Name and location of property: Rae Ella, Rae Ella No. 2, and
Phyllis claims
(Schofield Mine)
Tempiute Mining District
Lincoln County, Nevada

Contract No.: Idm-E680

SUMMARY AND CONCLUSIONS

The Schofield mine was visited on June 3 and 4, 1955 for the purpose of inspecting the work performed under the exploration contract.

Mr. Lory Free, the operator, was not at the mine on either of the above dates, therefore, the examining engineer was alone during the inspection.

By letter, dated June 8, 1955, Mr. Free advised this office that he had transferred his lease on the Schofield mine to Mr. E. G. Frawley of 307 Darling Building, Salt Lake City, Utah. The "option agreement" is dated May 21, 1955; copy of which is attached hereto.

Exploration work since the last inspection on April 14, 1955 has consisted of advancing the southeast drift and crosscutting in a southwesterly direction from near the face of the northwest drift.

Mr. Free's letter reports that 1,000 tons of scheelite ore has been shipped to the Molybdenum Corporation of America and that royalties will be paid to the Government upon receipt of settlement.

As the new owners of the mining lease were not present during the inspection, no information could be gained relative to their plans for future operations, development, and production and treatment of ore mined.

Mr. Free has employed Mr. Howard H. Knighten, diamond drilling contractor of 615 California Ave., Boulder City, Nev., to conduct the diamond drilling under Amendment No. 2. Mr. Knighten started drilling on the afternoon of June 4, 1955 from the crosscut off the northwest drift (see plan map).

Mr. Knighten drilled 1,260 feet of holes for the M.I.A. Mines Co. under contract No. Idm-E481 and is considered as a reliable and efficient contractor.

WORK COMPLETED

Amendment No. 1

		Feet
Drifting and crosscutting approved		1,147.8
Completed - initial crosscutting	465.0'	
drifting, northwest	361.0'	
drifting, southeast	188.0'	
crosscutting	30.0'	
		1,044.0
Uncompleted		103.8

Amendment No. 2

	Feet
Drifting and crosscutting approved	690.0
Completed - drifting, southeast	42.0
Uncompleted	648.0

GEOLOGY

Southeast drift:

From April 14 to June 4, 1955, the drift had been extended through tactite which was heavily impregnated with iron pyrite. Examination by mineralight indicated good values in scheelite. In the face of the drift, considerable white quartz was exposed, carrying both scheelite and iron pyrites.

Diamond drill crosscut off northwest drift:

The tactite extends 24 to 27 feet southwest of the drift and at that point is cut off by limestone. Examination of this 24 feet by mineralight indicates good scheelite values.

SAMPLING

Five samples, BM-1584-BM-1588, were taken but results have not yet been received.

FINANCIAL

Expenditures:

Under Amendment No. 1 - approved	$39,600.00
Expended as of 4/30/55 (reported by Free)	36,121.50
Unexpended	$ 3,478.50
Under Amendment No. 2 - approved	$37,435.00
42 foot advance @ $34.50/ft.	1,449.00
Unexpended	$35,986.00

Glenn G. Gentry
Mining Engineer

Pahrump, Nevada
June 6, 1955

Mr. S. Wicker, Executive Officer
Small Field Team, Region 11
Department of the Interior
Bureau of Mines
1605 Evans Avenue,
Reno, Nevada

Dear Mr. Wicker:

R:DMEA-2273
Ich - KRSO

We have transferred our lease to Mr. E. G. Frawley, 307 Darling Building, Salt Lake City, Utah. I am enclosing a copy of our agreement with him so that you may know that he was informed of our DMEA activities.

I am going to operate the property for the month of June, the same as in the past. The operator should likely be changed on the contract, beginning with the month of July to Mr. E. G. Frawley. It now appears that my partner, Mr. Roland Dor, or myself will supervise the completion of the contract.

There are some royalties due the government that I will take care of when I receive the settlement from Molybdenum Corporation of America for the 1000 tons of ore which we have just completed shipping to them and for the part of a shipment which is now at U.S. Vanadium in Bishop.

I appreciate very much the assistance, courtesy and cooperation that has been extended to me by your office.

I was most sorry that I was away and missed Mr. Gentry on his last trip. I have learned to think a great deal of Mr. Jones and Mr. Gentry and hope to have further association with them.

Please convey my thanks to Mr. Johnson and his secretary and all who have been so very helpful in this operation.

If you have any suggestions or instructions, please do not hesitate to send them to me.

Sincerely,

Harry C. Ivey

HCI/j

Copy

RECEIVED

JUN 17 1955

OPTION AGREEMENT

THIS OPTION AGREEMENT, made and entered into this 21st day of May, 1955, by and between LORY M. FROST, ROLAND COX, JOHN J. FRADER and DANIEL N. FROST, all of Lincoln County, Nevada as Parties of the First Part, and L. G. FRAWLEY of Salt Lake City, Utah, as Party of the Second Part,

WITNESSETH:

THAT WHEREAS, the Parties of the First Part now hold a certain Mining Lease dated the 9th day of February, 1954, as Lessee, executed in their favor by North Star Pluto Mining & Development Co., a Nevada corporation, which said Lease is recorded in Book O, of Misc., on Page 2.5, Lincoln County, Nevada Records, and covers the unpatented mining claims described as follows, to wit:

Rae Ella, Rae Ella Nos. 2 to 4, incl., Phyllis Phyllis Nos. 2 to 5, incl., West Break, East Side, East Side Nos. 2 and 3, Edice, Edice Nos. 2 to 4, incl., Vick, Vickie, Vickie No. 2, Joy, Joy No. 2, Annie, Annie No. 2, Mammoth, Mammoth Nos. 2 to 5, incl., Hogsback, Mineral Hill, Mineral Hill Nos. 2 to 7, inc.,

and

WHEREAS, said Parties of the First Part desire to sell to the Party of the Second Part all of their right, title and interest in and to said Mining Lease, and the Party of the Second Part desires to purchase the interest of said First Parties in and to said Mining Lease, for the considerations and upon the terms and conditions as follows:

$80,000.00 lawful money of the United States of America, payable as follows:

$20,000.00 upon the execution of this Option Agreement, the receipt whereof is hereby acknowledged by the Parties of the First Part.

$20,000.00 on or before May 20, 1956, the check evidencing such payment to be made out and sent to Mr. Lory M. Frost, Panaca, Nevada.

$40,000.00 on or before January 10, 1957, the

WHEREAS, the Parties of the First Part have heretofore made application to the D. M. E. A. for development funds for said property, part of which funds have been received; and under the terms of the agreement between the First Parties and the D. M. E. A. the property has been subjected to a covenant running with the land requiring the operator of the mining property to repay the funds heretofore received and spent by the First Parties, as well as the funds still to be received and spent, out of certain percentages of the returns

derived from the sale of ores and/or concentrates therefrom.

NOW THEREFORE: The said Parties of the First Part, for and in consideration of the payment made and the payments to be made, as hereinabove set forth, hereby agree to sell to the said Party of the Second Part, all of their right, title and interest in and to said Mining Lease dated February 9, 1954, as above set forth and referred to, and hereby agree, in the event the owners of said mining claims will consent to the assignment and transfer of said Mining Lease, to assign, transfer and set over unto the Second Party all of their right, title and interest in and to said Mining Lease for the considerations aforesaid or, in case the owners of said mining claims will not consent to the assignment and transfer of said Mining Lease, hereby agree to execute a Sub-Lease in favor of the Second Party carrying substantially the same terms and conditions as the Mining Lease above referred to, reserving, however, in the case of such a Sub-Lease, the right to three (3%) percent of the net earnings, from the property, the term net earnings to have the meaning usually and generally assigned to it in the mining business.

In consideration of the promise and agreement on the part of the First Parties to sell to the Second Party all of their right, title and interest in and to said Mining Lease, the Party of the Second Part hereby agrees to carry out and perform all of the terms and conditions of the Mining Lease of February 9, 1954, so that such mining lease shall be kept in full force and effect and all terms and conditions shall be fully complied with until the Parties of the First Part have received the full payment of $30,000.00 hereinabove referred to.

It is mutually understood and agreed between the Parties hereto that the said Party of the Second Part may, at his option, insofar as the Parties of the First Part are concerned, assign, transfer and set over unto a corporation any right, title and interest in and to said mining lease which the said Second Party shall acquire from the Parties of the First Part.

It is further understood and agreed between the Parties hereto that in the event the Party of the Second Part shall fail, neglect or refuse to make the payment, or any of them, as hereinabove set forth, or shall fail, neglect or refuse to carry out and perform the terms and conditions of the Mining Lease of February 9, 1954, the said Parties of the

First Part may, at their option, on twenty days due notice in writing, by registered mail addressed to the Party of the Second Part at 307 Darling Building, Salt Lake City, Utah, give notice of termination, and unless the deficiencies complained of have been remedied within the 20-day period, the Parties of the First Part may terminate this Option Agreement and retain all considerations theretofore paid them by the Party of the Second Part as liquidated damages.

This Option Agreement shall be and become binding upon the heirs, executors, administrators and assigns of the respective parties hereto.

IN WITNESS WHEREOF, the Parties hereto have hereunto set their hands, this 21st day of May, 1956.

Lory M. Free

Richard C. Free

John Dunlap

Darell Free

PARTIES OF THE FIRST PART

R. G. Frowley

PARTY OF THE SECOND PART

State of Utah)
) ss.
County of Salt Lake)

On this 21st day of May, 1956, personally appeared before me, the undersigned authority, Lory M. Free, Richard Cox, John J. Franks and Darell H. Free, and R. G. Frowley, known to me and known by me to be the persons executing the within and foregoing instrument, and acknowledged to me that they executed the same freely and voluntarily for the uses and purposes therein contained.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official notarial seal, the day and year first above written.

Virginia M. Richardson
Notary Public

My Commission Expires: [illegible]

Form MF-10* (Rev.)
(April 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.4
Approval expires 6-30-53.

ACCOUNTS RECEIVED JUL 2 5 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

AUG - 1 1955

Month of May, 1955 Docket No. DMEA 3273 Contract No. IDM-5380
Operator's Name Lory M. Free Minerals Tungsten
Address Panaca, Nevada
Contract Amount, $ 39,600.00 Government Participation: 75% Amount, $ 29,700

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						
Bulldozing						
Crosscutting	$1,380.00	$16,042.50	$17,422.50			
Drifting	410.50	20,079.00	20,489.50	* 6510.00	20,079.00	20,589.50
Cut one Diamond Drill Station	500.00	none	500.00			
(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						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$2,290.50	$36,121.50	$38,412.00	$7,190.50	$36,121.50	$38,312.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date June 6, 1955 *Payee Lory M. Free
Lory M. Free
Per _____ Title _____

*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)

* See Audit Statement attached

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

$ 1642.87

Signature _____
(Authorized Certifying Officer)

Date JUL 27 1955 Vou. No. SF Dmea-2

(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-E680 in accordance with the terms of the contract.

Signature Glenn G. Gentry Title Mining Engineer Date 7/22/55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature S. Ricker Title Executive Officer DMEA Field Team Region II Date 7/22/55

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.

GPO 83-38476

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

RECEIVED AUG - 1 1955

ACCOUNTS JUL 25 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of May 1955 Docket No. DMEA 5273 Contract No. IDM - B 680

Operator's Name Lory M. Free Minerals Tungsten

Address Panaca, Nevada $29,700

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	1 ft.	$410.50	9	$20,489.50	591	$34.50)	1147.8	$34.50
Crosscutting	1 ft.	1,380.00	40	17,422.50	505	34.50)		34.50
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
1 Diamond Drill Station	1	$500.00	1	$ 500.00	1096	$500.00	1 Station	$500.00
TOTAL DISTRIBUTED COSTS		$2,290.50	49	$38,412.00				TOTAL COSTS AUTHORIZED BY CONTRACT
*See attached Audit Statement		-100.00		-100.00				
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$2,190.50	49	$38,312.00				39,600.00

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.

Date June 6, 1955 Operator Lory M. Free

Lory M. Free

Per Title

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)

Glenn G. Gardner

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
AUG - 1 1955

Narrative: DMM Docket No. 3275

Operation this month has been much the same as in the past. The lense of ore in the south seems to still be continuing.

We have completed a small cross out in the north drift which looks very encouraging.

We would like to get as much of the diamond drilling done in the month of June as possible. I am enclosing a map of present workings. I have no way of making copies, Will you please make the additional copies? Thank you.

Respectfully submitted:

Date: June 6, 1955 Operator Lory M. Free
Lory M. Free

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION II

RECEIVED
AUG - 1 1955

Administrative Audit Difference Statement

Date: July 27, 1955
Payee's
Reference: Docket ETA 2275
Contract No. S-[illegible]

Lory M. Duca
Duncan, Novelo

Dear Mr. Duca:

Upon examination of the above Payee's Reference, a difference was found which made it necessary to suspend your account accordingly:

Amount Claimed $ 2,[illegible] (Vou M-104)

Difference $ 100.00

Amount Approved $ 2,100.00

The reason for the difference was due to: error in calculation for Drifting. 0' X [illegible] per ft. is [illegible] not [illegible] as claimed on voucher.

Correct totals for M-104 covering the month of May are as follows:

Approved Monthly Total	Approved Totals Previously Reported	Approved Totals to Date
[illegible]	[illegible]	[illegible]

Any reclaim for deductions made above must be supported by the ORIGINAL of this form.

Very sincerely yours,

L. H. SJOLANDER

L. H. Sjolander
Budget and Finance Branch
Region III

Form DMEA-101 (Rev.)
(April 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R10.6.4
Approval expires 6-30-53.

MAY 31 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of April, 1955 Docket No. DMEA 3273 Contract No. IDM-[illegible] 680

Operator's Name Lory B. Free Minerals Tungsten

Address Pioneer, Nevada

Contract Amount, $32,600 Government Participation: 75 % Amount, $28,700

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY WSM: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	None	$16,042.50	$16,042.50			
Drifting	$1621.50	16,457.50	$20,079.00			
(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						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$1,621.50	$34,500.00	$36,121.50			

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

Date May 6, 1955 *Payee Lory B. Free

Per _____ Title _____

*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:

$1216.12

Signature Floyd W. Stalnaker
Authorized Certifying Officer
(Authorized Certifying Officer)

Date MAY 23 1955 Vou. No. SF-DMEA-31

(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-E680 in accordance with the terms of the contract.

Signature [signature] Title Mining Engineer Date May 9, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: For: Henry W. Jones Executive Officer DMEA Field Team

Signature [signature] Title Region II Date May 9, 1955

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.

GPO 83-38476

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

Bureau of the Interior
Minerals Administration
MAY 31 1955

Month of April 195 5 Docket No. DMEA 3275 Contract No. 1DL-5-680
Operator's Name Lory M. Free Minerals Tungsten
Address Panaca, Nevada $29,700

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	lft.	$1,621.50	47	$20,079.00	582	$34.50	1147.5	39600.00 ~~$34.50~~
Crosscutting	lft.	None	None	16,042.50	465	34.50		~~34.50~~
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$1,621.50	47	$36,121.50			TOTAL COSTS AUTHORIZED BY CONTRACT	
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$1,621.50	47	$36,121.50				39,600.00

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.

Date May 4, 1955 Operator Lory M. Free

Per _____ Title _____

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)

For: Henry W. Jaffee

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

DEPARTMENT OF THE INTERIOR
Lease Minerals Operations
RECEIVED
MAY 31 1955

Narrative: DMA Docket No. 3273

An advance of 47 feet was made mostly in the south heading. All of the muck from the drift rounds in this heading have been above .45% WO3.

We will probably do some cross cutting next month. This South lease is now opened up for about 260 feet of length and looks very encouraging.

We are still hoping that we will be able to finance a mill soon.

Respectfully submitted:

Date May 6, 1955 Operator Lory M. Tree

DMEA

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 29 1955

Office of
Executive Officer
DMEA Field Team
Region II

1605 Evans Avenue
Reno, Nevada

April 27, 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- 3273

Contract No. Idm-E 680

Commodity Tungsten

Operator Lory M. Free, Y-Z Mining Co.

Property Schofield Mine, Lincoln County, Nevada

By Henry W. Jones

Dated April 27, 1955

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)

Defense Minerals Administration
RECEIVED
APR 29 1955

INTERIM REPORT

Docket No.: DMEA-3273 - Tungsten April 27, 1955

Name and address of Operator: Lory M. Free, d.b.a
Y-Z Mining Co.,
Panaca, Nevada

Name and location of property: Rae Ella, Rae Ella #2, Phyllis claims (Schofield Mine) Tempiute Mining Dist., Lincoln County, Nevada

Contract No.: Idm-E680

SUMMARY AND CONCLUSIONS

The Schofield mine was inspected on April 14, 1955 to determine the extent of work progress applicable to terms of the DMEA exploration loan. The previous visit was made on March 2, 1955. Work during the intervening period consisted of advancing the Northwest drift an additional 57 feet for a total advance in that direction of 361 feet. Two stopes were started in a high grade ore section to the east and directly back from the face.

The Southeast drift was advanced an additional 26 feet in low grade ore (estimated at 0.4% WO_3) for a total advance of 178 feet.

At the date of the visit, about 1,500 tons of scheelite ore was stockpiled on the dump awaiting shipment to the U.S. Vanadium's Pine Creek mill, Bishop, Calif. Truck shipments are currently being made.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
APR 29 1955

WORK COMPLETED

The mine was visited in company with Lory M. Free, operator, on April 14, 1955.

The Northwest drift was driven an additional 57 feet following along a more highly mineralized segment of the tactite structure. Two stopes were started with the draw points about 20 feet apart, and joining above the adit level. The stope is being carried about 7 feet wide and was 35 feet long at the time of the visit. The ore in the stope is estimated at 1.5% WO_3 on all faces. A 26° incline raise was being driven S. 67° W. to intersect the limestone hanging wall. Low grade tungsten ore with a 4-foot streak of high grade was noted along the 27 feet of measured length. The hanging wall had not yet been encountered.

The Southeast drift was advanced an additional 26 feet within a low grade ore body (estimated at 0.4% WO_3) for a total southerly advance of 178 feet. Slab round, pulled on the east wall for a future switch and crosscut, exposed a 19-foot face. The entire width shows similar mineralization.

Twenty three representative samples of the ore were saved from each round placed in the mine since the last inspection and part of every sample was submitted to the visiting engineer for analysis. Results have not yet been received.

OTHER INFORMATION

During the winter months, ore removed from the mine was stockpiled on a separate mine dump at the portal. About 1,500 tons of estimated 0.6% WO_3 is currently available and is being shipped to the U.S. Vanadium plant in Bishop, Calif. Settlement sheets have not yet been received.

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 March, 1955 Docket No. DMEA 3273 Contract No. [illegible]
Operator's Name Lary M. Free Minerals Tungsten
Address Pahrump, Nevada
Contract Amount, $ 39,600 Government Participation: 75% Amount, $ 29,700

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing	None	$10,042.50	$10,042.50			
Crosscutting	$2,725.50	$12,732.00	$15,457.50			
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						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
			$36,000.00			
Totals	$2,725.50	$51,774.50	[illegible]			

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

Date May 4, 1955 *Payee Lary M. Free

Per _____ Title _____

*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:

$2044.12

Lloyd H. Sjolander
Authorized Certifying Officer

Signature _____
(Authorized Certifying Officer)

Date APR 21 1955 Vou. No. SF-DMEA-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. [illegible] in accordance with the terms of the contract.

Signature Henry W. Jones Title Mining Engineer Date April 7, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: Henry W. Jones Executive Officer DMEA Field Team Region II

Signature [illegible] Title Date April 7, 1955

S. Nicker Executive Officer

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 March 1956 Docket No. DMEA 3278 Contract No. [illegible] - [illegible] 680

Operator's Name Lary M. Free Minerals Tungsten

Address Schurz, Nevada $29,700

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	1 ft.	$2,725.50	79	$18,457.50	535	$34.50	~~1 ft.~~	~~$34.50~~
Crosscutting	1 ft.	None	None	$16,042.50	465	$34.50	1147 ft. ~~1 ft.~~	39,600.00 ~~$34.50~~
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		$2,725.50	79	$34,500.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		~~$2,725.50~~	~~79~~	~~$34,500.00~~				39,600.00

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.

Date April 4, 1956 Operator Lary M. Free

Per _____ Title _____

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

Narrative; [redacted] Docket No. 3273

An advance of 56 feet to the north and 23 feet to the south was made during the month of March for a total of 79 feet. All of the material taken from both headings was placed in an ore stockpile. A large sample of this stock pile assayed .55% U.O2.

Ore lense No. 4 to the north has a large amount of sulphides and seems to be 20 feet in width in places. Enough work has not been done to determine an average width.

The last sixteen feet to the south has been opened up to 10 feet of width and looks most encouraging for mill tonnage.

I am looking forward to a successful conclusion of this portion of our contract about April or May.

Respectfully submitted:

Date April 4, 1956 Operator Roy McDee
Roy J. McDee

DMEA

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region III

1605 Evans Avenue
Reno, Nevada

~~420 Custom House~~
~~555 Battery Street~~
~~San Francisco 11, California~~

Date: March 15, 1955

Defense Minerals Administration
RECEIVED
MAR 18 1955

Memorandum

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

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -
Docket DMEA 3273

Contract Idm-E 680

Commodity Tungsten

Operator - Lory M. Free, dba, Y-Z Mining Co.

Property - Rae Ella, Rae Ella #2 & Phyllis claims (Schofield Mine), Lincoln County, Nevada

By Henry W. Jones

Dated March 14, 1955

Executive Officer,
DMEA Field Team, Region III

Attachments

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

Defense Minerals Administration
RECEIVED
MAR 18 1955

INTERIM REPORT

Docket No.: DMEA-3273 (Tungsten) March 14, 1955

Name and address of operator: Lory M. Free, dba
Y-Z Mining Co.,
Panaca, Nevada

Name and location of property: Rae Ella, Rae Ella #2, & Phyllis claims, (Schofield Mine), Tem Piute Mining Dist., Lincoln County, Nevada

Contract No.: Idm-E680

SUMMARY AND CONCLUSIONS

The Schofield mine was visited on March 2, 1955 to check the work progress since the previous visit of December 7, 1954. Work during the intervening period consisted of advancing the Northwest drift an additional 93 feet for a total footage in that direction of 304 feet. The Southeast drift was driven an additional 74 feet for a total of 152 feet. Low grade ore, estimated at 0.45% WO_3, is present in the face of this heading. The northern heading encountered good ore estimated at 0.85% WO_3 at 274 feet, which is continuing in the present face over an average 10-foot width.

Work is progressing at a rapid pace with few difficulties being encountered since moderation of the winter weather.

WORK COMPLETED

The mine was visited in company with Lory M. Free, operator, on March 2, 1955 to check the work progress applicable to terms of the DMEA exploration contract.

The Southeast drift was driven an additional 74 feet for a total footage advance of 152 feet in this direction. This is an over advance of 12 feet, inasmuch as the contract specifies in item 3 that the Southeast drift be driven approximately 140 feet along the mineralized zone. Amendment No. 1 was received which permitted the operators to continue drifting to the southeast; therefore, the excess footage was not disallowed in the submitted MF forms.

The Northwest drift was driven an additional 93 feet in the tactite structure. Good grade ore was encountered at 274 feet after passing through a slightly mineralized oxidized water course, and is continuing in the present face at 304 feet. The adit is being driven through the ore zone on an average 10-foot width.

COMMENTS

About 460 tons of ore is stockpiled on the ore dump waiting for road conditions to improve between the mine and the U. S. Vanadium mill at Bishop, Calif. Heavy winter storms and subsequent melting snows on the desert roads left them soft and nearly impassable to truck travel.

Henry W. Jones

Henry W. Jones
Mining Engineer, DMEA

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

ACCOUNTS MAR 9 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of February, 1955 Docket No. DMEA 3273 Contract No. [illegible]
Operator's Name Lory E. Free Minerals [illegible]
Address [illegible]
Contract Amount, $ 39,600 Government Participation: 75 % Amount, $ 29,700

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY (WSM): Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	None	$10,042.50	$10,042.50			
Drifting	$6,667.00	$18,706.00	$25,373.00			
(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						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$6,667.00	$28,807.50	$35,474.50			

I certify that the above bill is correct and just and that payment therefor has not been received. Feb 5, 1955

Date ..... *Payee Lory E. Free

Per ..... Title .....

*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)

RECEIVED MAR 14 1955

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

$ 2225.25

Lloyd H. Sjolander
Signature ..... Authorized Certifying Officer
(Authorized Certifying Officer)

Date MAR 9 1955 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. 1m E680 in accordance with the terms of the contract.

Signature Henry W. Jones Title Mining Engineer Date March 8, 1955

Henry W. Jones DMEA

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: Executive Officer

Signature [illegible] Title DMEA Field Team Date March 8, 1955

S. Ricker Region II

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 February 195[illegible] Docket No. DMEA [illegible] Contract No. [illegible]

Operator's Name Lory M. Tree Minerals Tungsten

Address Pahrump, Nevada 629,700

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	1 ft.	[illegible]	60	[illegible]	450	[illegible]	1 ft.	[illegible]
Crosscutting	1 ft.	None	None	10,042.50	405	[illegible]	1 ft.	[illegible]
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		[illegible]	60	[illegible]				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		[illegible]	55	[illegible]				

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 March 9, 1955 Operator Lory M. Tree

Per _____ Title _____

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)

Defense Minerals Administration
RECEIVED
MAR 14 1955

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

Corporation Docket No. 3272.

A total distance of 55 feet of drifting was done in the month of February. The shifts were again employed and fairly good progress was made, considering severe weather and road conditions.

We are very well pleased with the ore explored thus far. The ore appears to be of a little higher grade on this level than on the 100 level or on the surface. The ore body exposed in the south drift appears to be at least 100 feet in length, 10 to 15 feet in width and averages 47 [illegible]. 0.47
Our assays have been very erratic for some cause or other, but apparent assays and a large composite sample of the last 50 feet indicate an estimated .47 average.

This ore body appears to be very constant. No appreciable difference in chemical content can be seen under the mineral light for the entire distance. The present face being an estimated .5 [illegible]. The north reading has reached are lense no 6. We have drifted about thirty feet since reaching this lense and have twelve feet exposed at the present time that is estimated at .75 [illegible].

The month of March should really open up the No. 6 lense. We hope also to contact and open up ore lense No. 8 in the south drift. This No. 8 ore body looks very good on the surface with a mineral light, actually looking much better than the ores we have explored to the north and being as much as 25 feet in width. We, therefore, are anxious to get it exposed as soon as possible.

Please give us a reply to the requests made in last monthly report as soon as possible. ?

Amend #1 forwarded March 1, '55

We are making an application for a second section of exploration work at this time. It will consist of electric drilling on the Mahtabe ore body, crosscutting and drifting, if results are encouraging, and drifting on the south water ore lense No. 1.

We have high hopes for the Mahtabe ore body. I have had the privilege of looking at the assays from a diamond drill hole run close to our ore, line from the Kemp to the Mahtabe by the Young Leading Corporation. The assays show 21 ft. that averages .[illegible] [illegible]. This ore body could have nearly 200 feet of back above our exploration tunnel and looks good on the surface.

We are striving to finance milling facilities and hope that next month at this time a definite plan will be under way.

Respectfully submitted,

Tyee, March 6, 1955 Operator Roy McTree

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

RECEIVED

Month of January, 1956 Docket No. DMEA [illegible] Contract No. [illegible]
Operator's Name [illegible] Minerals [illegible]
Address [illegible]
Contract Amount, $ 57,000 Government Participation: 75 % Amount, $ [illegible]

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						WSM
Drilling						
Bulldozing	None	10,042.00	10,042.00			
Crosscutting	724.50	12,040.50	12,765.00			
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						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	724.50	8,283.00	9,007.50			

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

Date Feb. 1, 1956 *Payee Loy M. Shell

Per _____ Title _____

*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:

$ 543.38

Lloyd H. Sjolander
Signature _____ Authorized Certifying Officer
(Authorized Certifying Officer)

Date Feb. 1, 1956 Vou. No. SF-DMEA-20

(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. 18m-E680 in accordance with the terms of the contract.

Signature [signature] Title Mining Methods Research Engineer Date Feb. 8, 1955

George H. Holmes, Jr.

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [signature] Title Executive Officer DMEA Field Team Region II Date February 9, 1955

S. Ricker

MONTHLY REPORT OF OPERATOR

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(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.

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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".

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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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 23 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of January 195 5 Docket No. DMEA 8273 Contract No. [illegible]
Operator's Name Lory M. True Minerals Tungsten
Address Fallon, 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	1 ft.	724.50	21	12,755.00	370	34.50	1 ft.	$34.50
Crosscutting	1 ft.	None	None	10,042.00	460	34.50	1 ft.	30.50
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$ 724.50	21	$22,797.50				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$ 724.50	21	$22,797.50				

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 February 4, 1955 Operator Lory M. True

Per _____ Title _____

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)

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

DEPARTMENT OF THE INTERIOR
Bureau of Mineral Administration
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FEB 23 1938

Narrative: [illegible] docket No. 8573

A total distance of 21 feet was made during the month of January. We have had a very severe winter. Most of this month has been either snowing or below zero, so that very little has been accomplished. We have had a great amount of snow at the mine causing us to be unable to work for most of January.

Nothing unusual was encountered in the drifting. If a reasonable footage can be made in February, a map will be enclosed with the next report.

Respectfully submitted:

Date February 4, 1938 Operator Roy M. Ree
Roy M. Ree

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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FEB 4 1955

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

420 Custom House
555 Battery Street
San Francisco 11, California

Date: January 31, 1955

Memorandum

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

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

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -
Docket DMEA- 3273

Contract Idm-E 680

Commodity Tungsten

Operator - Lory M. Free, dba
Y. Z. Mining Company

Property - Schofield Mine
Lincoln County, Nevada

By Henry W. Jones, Mining Engineer

Dated January 27, 1955

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

Attachments

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 4 1955

INTERIM REPORT

Docket No.: DMEA-3273 (Tungsten) January 27, 1955

Name and address of operator: Lory M. Free, dba
Y-Z Mining Company
Panaca, Nevada

Name and location of property: Rae Ella, Rae Ella #2, and Phyllis claims (Schofield Mine), Tem Piute Mining Dist., Lincoln County, Nev.

Contract No.: Idm-E680

SUMMARY AND CONCLUSIONS

An attempt was made to inspect the Schofield mine on January 18, 1955. Heavy snowfall prohibited a visit to the mine, however, measurements were taken from a recent transit survey map and the operator was interviewed at his home in Panaca, Nev. Plotted measurements indicated an advance of 24 feet on the Northwest drift and 26 feet on the Southeast drift for a total DMEA footage advance of 346 feet of drifting and 465 feet of crosscutting.

RECOMMENDATIONS

Inasmuch as there has been no necessity for timbering in the mine, and as Mr. Free is taking care of the charges for his own assaying, it is requested that these funds be applied to additional drifting to the southeast along the mineralized zone. Unused crosscutting funds are also requested to be applied to drifting costs.

The contract stipulates that prior written approval of the Government be given for crosscuts to further explore the mineralized zones. It is therefore recommended that:

1. Money set aside for timbering, assaying, and the unused crosscut adit be applied to drifting to the south.

2. A crosscut be driven northeasterly from the Southeast drift, a distance not in excess of 50 feet, to explore for the downward extension of Orebody #2, noted on the surface. The location of the crosscut to be mutually agreed on by the operator and a representative of the DMEA field team.

COMMENTS

Extremely heavy snowfall in the area curtailed operations during the month of December and part of January. The operator reported that he and his crew had spent most of January keeping the mine road open, completing only two mine shifts during the two weeks prior to the inspection date.

Breakdown of Footages

	Feet Approved	Feet Used	Feet remaining
Initial crosscutting to southwest	480	465	15
Drifting southeast	140	104	
Drifting northwest	380	242	
Crosscutting	100	-	
Total	1,100	811	

Timbering and analysis costs $1650 / Drifting cost per foot 34.50 = 47.82

47.82
62.82 feet recommended to be applied to southeast drifting.

Henry W. Jones
Mining Engineer

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

402
DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 28 1955

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

January 24, 1955

Memorandum

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Operator's Monthly Progress Reports - Forms MF-104 and MF-104A

Attached are two copies of each of the subject reports received from the following operators as listed below. These reports have been audited and passed to the Treasury for payment.

Contract No.	Operator	Report Dated	Period Covered
Idm-E680 DMEA-3273	Lory M. Free Y. Z. Mining Co.	January 3, 1955	December 1954
Idm-E697 DMEA-3305	Platora Uranium Company	January 5, 1955	December 1954

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

Attachments

Copy to: R. M. Smith, USGS

F-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

DEPARTMENT OF THE INTERIOR
Defense Minerals Adm.
RECEIVED
JAN 28 1955

Month of December 1954 Docket No. DMEA 5173 Contract No. [illegible]-[illegible]-000
Operator's Name Tony M. Drew Minerals Tungsten
Address Pahrump, Nevada
Contract Amount, $ 59,000 Government Participation: 75 % Amount, $ 29,700

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	None	$16,043.50	$16,043.50			
Drifting	$2,173.50	9,867.00	12,040.50			
(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						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$ 2,173.50	$26,000.00	$28,173.50			

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

Date Jan. 2, 1955 *Payee Tony M. Drew

Per _____ Title _____

*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:

$ 1630.12

Lloyd H. Sjolander
Signature Authorized Certifying Officer
(Authorized Certifying Officer)

Date JAN 17 1955 Vou. No. SF-DMEA-12

(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. [illegible]-[illegible]-[illegible] in accordance with the terms of the contract.

Signature A. C. Johnson Title Mining Engineer Date January 10, 1955.

A. C. Johnson

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature S. Ricker Title Executive Officer DMEA Field Team Region II Date January 11, 1955

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.

FO[illegible]-104A
([illegible] 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

Defense Minerals Administration
RECEIVED
[illegible] 28 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of December 1954 Docket No. DMEA 3273 Contract No. IDM-E 680

Operator's Name Lery M. Free Minerals Tungsten

Address Panaca, 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	1 ft.	2,173.50	63	$12,040.50	349	34.50	1ft.	34.50
Crosscutting	1 ft.	None	none	16,042.50	465	34.50	1 ft.	34.50
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		2,173.50	63	28,083.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		2,173.50	63	$28,083.00				

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.

Date Jan. 3, 1955 Operator Lery M. Free

Per Title

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)

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 28 1955

Narrative; [illegible] Docket No. [illegible]

A total advance of 63 feet was made during the month of December. We have had heavy snow and extremely cold weather. This will likely continue through the month of January. Our operation will, therefore, probably be somewhat curtailed for the next month to six weeks.

I would like permission to use the $1,680.00 set up in the contract for assaying and timbering as footage. The plan now would be to use this additional 48.1 feet in drifting to the south. There is an additional 16 feet that I would like to use in the south drift that is left over from the 480 ft. estimate of the crosscutting. This would make a total of 160 feet plus 48.1 feet plus 16 feet or 208.1 feet.

I would also like permission to use the 100 feet set up for crosscutting to drive a crosscut in the ore zone to intersect ore body No. 2 with whatever is left over of the 100 feet to be used either for crosscutting or drifting, whichever is deemed most advisable by the field loan representative and myself.

Respectfully submitted:

Date January 3, 1955 Operator Lory M. Lee
Lory M. Lee

☐ Audited

☐ Certified

W[illegible] ANALYSIS SHEET - DMEA PROJECT[illegible]

Analysis as of 12-16-54

Incl. Voucher for Oct 54

☐ Actual Cost

☑ Agreed Unit Costs

Name Tom McTree dba/ Y3 Mining Co

Docket No. 3273

State Nevada

Commodity Tungsten

Idm-E No. 680

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting	1100	38,950	921 694	23943	34,500.00
Raising					
Shafts					
Winzes					
Drilling (Specify)					
Surface Excavation					
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation					
New Building, Improvements, etc.					
Other (Specify) analyze 180 samples		650			
Totals		39600		23943	34,500.00

104 A. MCH., 1955

Prepared by [illegible]

71626

SEMI-ANNUAL DMEA REPORT

Docket No.: DMEA-3273 (Tungsten) December 31, 1954

Contract No.: Idm-E680

Period: (Second) July 1, 1954 to December 31, 1954

Date of contract: June 24, 1954

Exploration work completed: In progress

Name and address of operator: Lory M. Free
Y-Z Mining Company
Panaca, Nevada

Name and location of property: North Tem Piute (Schofield) Mine, Tem Piute Mining District, Lincoln County, Nevada, about 80 miles west of Caliente, Nev.

Date certified:

No certificate of discovery has been issued, although shipments of tungsten ore are being made from areas explored under the DMEA contract.

Expenditures:

Operator	Government	Total
$7,020.75	$21,062.25	$28,083.00

Statement of operations:

Exploration under the contract includes crosscutting and drifting along a mineralized zone. Production during the period amounted to 320 tons of tungsten ore averaging 0.47 percent WO_3 and containing 150.82 units WO_3. The total value of this ore was $5,429.52; trucking charges were $3,667.34; leaving a net value of the shipments at $1,762.18. Royalty payments were $26.94, or 1-1/2 percent of the net value.

Settlement sheets were furnished the Mining Section, Region II, by the Regional Office.

Remarks:

DMEA exploration is continuing with shipments of tungsten ore being made to the U.S. Vanadium Co. at Bishop, California.

A. C. Johnson

A. C. Johnson
Mining Engineer

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 4 1955

Office of
Executive Officer
DMEA Field Team
Region III

420 Custom House
555 Battery Street
San Francisco 11, California

Date: December 30, 1954

Memorandum

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

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -
Docket DMEA -3273

Contract Idm-E 680

Commodity Tungsten

Operator - Lory M. Free, dba
Y.Z. Mining Company

Property - Rae Ella, Rae Ella #2 and Phyllis Claims
(Schofield Mine)
Tem Piute Mining District
Lincoln County, Nevada

By Henry W. Jones, Mining Engineer

Dated December 29, 1954

Executive Officer,
DMEA Field Team, Region III

Attachments

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 4 1955

INTERIM REPORT

Docket No.: DMEA-3273 (Tungsten) December 29, 1954

Name and address of operator: Lory M. Free, dba
Y. Z. Mining Co.,
Panaca, Nevada

Name and location of property: Rae Ella, Rae Ella #2, & Phyllis Claims
(Schofield Mine)
Tem Piute Mining Dist.,
Lincoln County, Nev.

Contract No.: Idm-E680

SUMMARY AND CONCLUSIONS

The Schofield mine was inspected on December 7, 1954 to check the work progress applicable to terms of the DMEA contract. Work since the previous inspection of November 18, 1954 consisted of extending the Northwest drift an additional 31 feet for a total advance in that direction of 211 feet. A 5-foot advance was measured on the Southeast drift for a total advance in that direction of 78 feet. Two short non-contract drifts were extended to either side of the crosscut at the 387-foot point.

Ore shipments are being made from the mine to the U.S. Vanadium mill near Bishop, Calif.

Work is progressing at rather a slow pace due to the shortage of skilled mine labor. General advance, however, is satisfactory with no undue difficulties being encountered.

WORK COMPLETED

The Schofield mine was visited in company with Lory M. Free and Roland Cox, partners and operators, to check the work progress applicable to terms of the DMEA contract.

The Southeast drift was advanced 5 feet for a total advance in that direction of 78 feet. Scheelite indications were progressively better in the face, consequently, additional drifting is reported contemplated on this heading in the near future.

The Northwest drift was driven an additional 31 feet for a total advance of 211 feet, following a definite northerly swing of the limestone-tactite contact. Tungsten mineralization tends to form in parallel high grade stringers throughout the reddish garnet tactite, with nearly barren zones between.

Non-contract work consisted of driving two short adits each way along a mineralized segment from the 387 foot point on the DMEA cross-cut. The Northwest drift was driven about 11 feet and the Southeast drift was advanced 14 feet. High grade bands of fine grained scheelite were noted along the northern wall of the Northwest drift.

COMMENTS

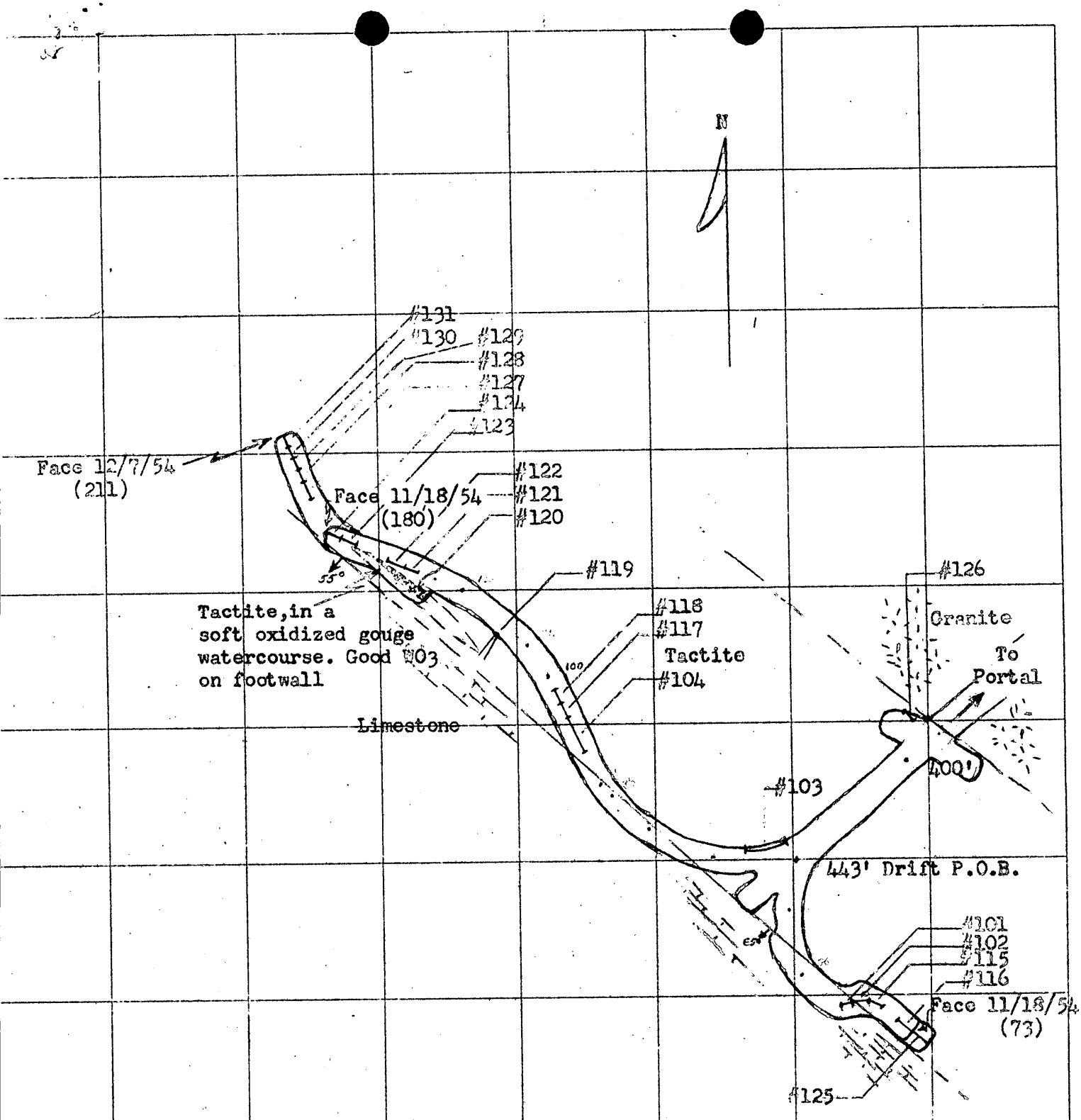
The operators submitted a royalty payment check amounting to $26.94 for returns on two lots totaling 320 tons (dry weight) of scheelite ore shipped to the U.S. Vanadium plant near Bishop, Calif. Lot #1335

contained 81.01 units of WO_3 in 165.3 dry tons of crude ore. Mill heads assayed 0.49% WO_3. Lot No. 1343 contained 69.81 units of WO_3 in 150.1 dry tons of crude ore. Mill heads assayed 0.45% WO_3. After trucking charges were deducted, the company realized a net profit of $1,762.18.

SAMPLING

Assaying of samples taken during the last two inspections has not been completed to date.

Henry W. Jones
Mining Engineer



PLAN MAP: Y - Z MINING COMPANY

SAMPLE INTERVALS, SCHOFIELD MINE Adm-E680

LINCOLN COUNTY, NEVADA

SCALE: 1" = 40'

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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DEC 20 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region III

420 Custom House
555 Battery Street
San Francisco 11, California

Date: December 15, 1954

Memorandum

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

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -
Docket DMEA - 3273

Contract Idm-E 680

Commodity Tungsten

Operator - Lory M. Free
Y. Z. Mining Company

Property - Schofield Mine
Lincoln County, Nevada

By Henry W. Jones, Mining Engineer

Dated December 10, 1954

Executive Officer,
DMEA Field Team, Region III

Attachments

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 20 1954

INTERIM REPORT

Docket No.: DMEA-3273 (Tungsten) December 10, 1954

Name and address of operator: Lory M. Free, dba
Y-Z Mining Company
Panaca, Nevada

Name and location of property: Rae Ella, Rae Ella #2, and Phyllis Claims (Schofield Mine)
Tem Piute Mining District
Lincoln County, Nev.

Contract No.: Idm-E680

SUMMARY AND CONCLUSIONS

The Schofield Mine was visited on Nov. 18, 1954 to determine the extent of work progress applicable to terms of the DMEA exploration project. The Northwest drift was extended along the hanging wall contact an additional 93 feet for a total advance in that direction of 180 feet. Three rounds were placed in the Southeast drift for an advance of 15 feet. Total footage in that direction was measured at 73 feet.

Scheelite values to the southeast became too low for economic removal, so work was directed to mining in the Northwest drift.

Approximately 300 tons of ore have been shipped from the current heading to date. Results of these shipments have not been received.

Work appears to be proceeding slowly but satisfactorily.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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DEC 20 1954

WORK COMPLETED

The Schofield mine was visited in company with Lory M. Free, operator, to check the work progress applicable to the DMEA contract since the previous inspection of Oct. 12, 1954. Three 5-foot rounds were driven in the Southeast drift for a total advance of 73 feet. The ore values became too low and all work was directed to advancing the other drift.

The Northwest drift was driven an additional 93 feet along the hanging wall for a total advance of 180 feet. The drift was carried at an 8-foot width and a similar height, simaltaneous with removal of shipping grade ore.

Non-contract work consisted of bulldozing additional parking areas above the dump and rebuilding portions of the road for easier access to the mine and camp.

Ore shipments totalling 300 tons have been trucked to the U.S. Vanadium plant at Bishop, Calif. No results or settlement sheets have been received at the date of inspection, however, the operators believed the entire shipment to be a marginal 0.4% ore.

COMMENTS

The crew currently consists of Lory Free and Frank Cox, partners, working the day shift and two miners working partial night shift. Difficulties encountered in the footage advance with the previous crews forced their termination.

The Northwest drift encountered a 6-foot width water course adjoining the hanging wall filled with a very soft oxidized gouge and tactite pebbles. The gouge on the footwall side was enriched with scheelite for about a 3-foot width and reportedly assayed 2.4% WO_3.

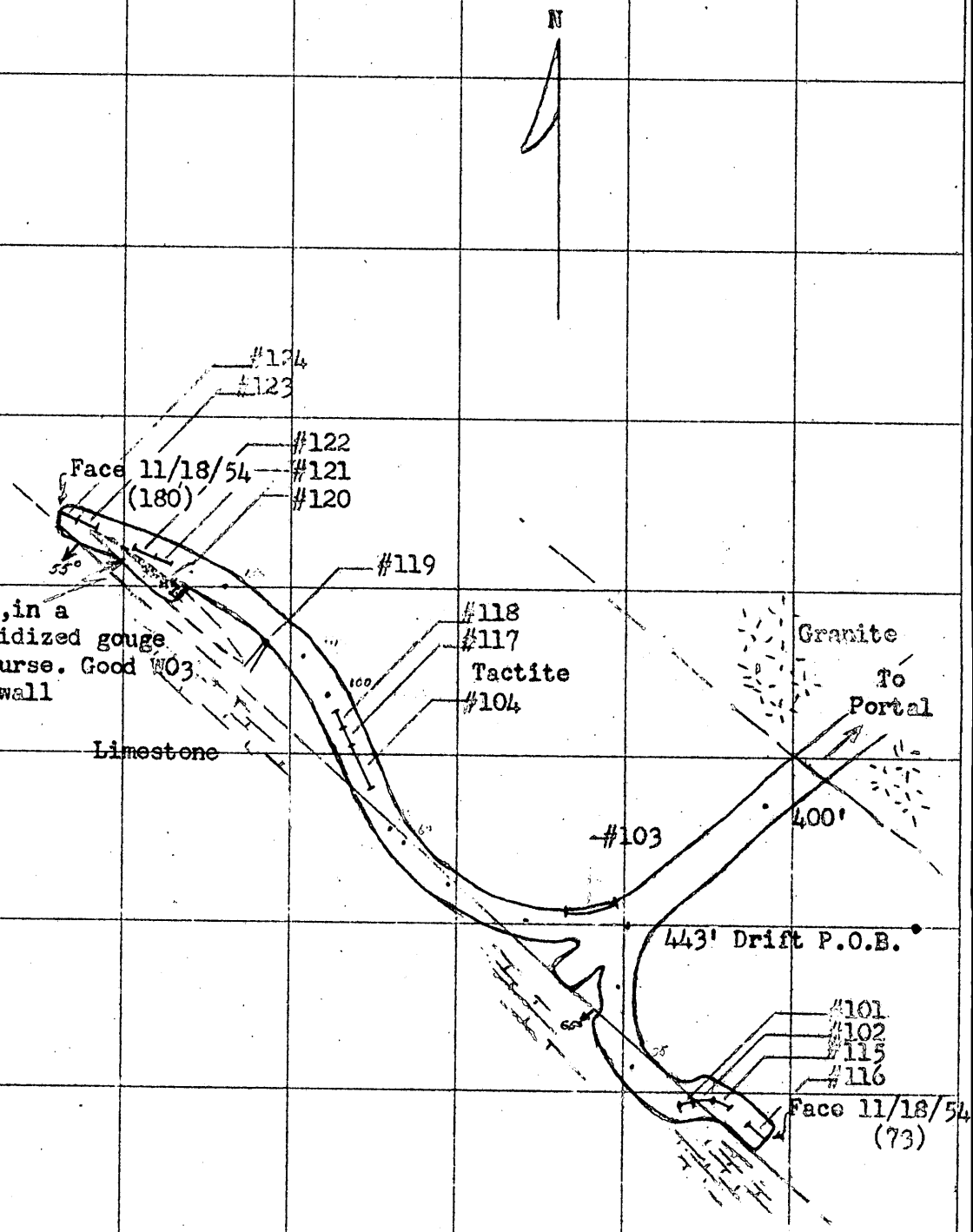
Portions of representative car samples taken by the operators (see accompanying map) were received by the examining engineer for tungsten analyses. Results have not been received to date.

Assay results of samples taken during the visit of Oct. 12, 1954 are as follows:

Sample No.	Width, feet	%, WO_3	Description
99	4 -5	0.14	Duplicate sample of No. 90 taken in crosscut.
100	5.0	0.14	Duplicate sample taken from face Callahan drift.
101	50-54	0.18	Car sample, South drift.
102	54-58	0.29	" " " "
103	12.0	0.16	On northwall, drift intersection, from drift - point of beginning.
104	77-87	0.38	Car sample, North drift.

Henry W. Jones

Henry W. Jones
Mining Engineer



PLAN MAP: Y - Z MINING COMPANY

SAMPLE INTERVALS, SCHOFIELD MINE Dam-E680

LINCOLN COUNTY, NEVADA

SCALE: 1" = 40'

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

Budget Bureau No. 42-R1036.4
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

DEC 6 1954

Month of November 195 Docket No. DMEA 3273 Contract No. 3[illegible]-S 080
Operator's Name Lory M. Free Minerals Sungsten
Address Panaca, Nevada
Contract Amount, $ 32,600.00 Government Participation: 75 % Amount, $ 29,700.00

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						
Bulldozing						
Crosscutting		$10,042.50	$ 10,042.50			
Drifting	$1,866.50	7,900.50	9,867.00			
(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						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$1,866.50	$18,942.50	$20,809.00			

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

Date December 1 *Payee Lory M. Free

Per _____ Title Partner

*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:

$ 1474.88

Lloyd H. Sjolander
Authorized Certifying Officer

Signature _____
(Authorized Certifying Officer)

Date DEC 10 1954 Vou. No. SF-DMEA-15

(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. [illegible] in accordance with the terms of the contract.

Signature [illegible] Title Mining Methods Date [illegible]

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature S. Ricker Title DMEA Field Team Region III Date December 6, 1954

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.

GPO 83-38476

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.1
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
ACCOUNTS Defense Minerals Administration
RECEIVED
DEC 20 1954

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of November 1954 Docket No. DMEA 3273 Contract No. 151-3 680
Operator's Name Lory M. Free Minerals Tungsten
Address Fernley, 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	1 ft.	1900.60	57	$9867.00	286	34.50	1 ft.	$34.50
Crosscutting	1 ft.	None	None	16,042.50	465	34.50	1 ft.	34.50
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		$1,966.50	57	$25,909.50			Total Costs Authorized by Contract	
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		$1,966.50	57	$25,909.50				

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. 1-54 Operator Lory M. Free

Per _____ Title Partner

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)

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

DEPARTMENT OF THE INTERIOR
Bureau of Mines Administration
RECEIVED
DEC 6 1954

Narrative: BMA Docket No. 8873

The weather and certain other problems hindered our progress this month. A total of 57 feet advance was made.

The taotite drifted through was very hard and highly mineralized with iron sulphides and garnet.

We are including a map with this month's report. We hope to make better progress next month.

Respectfully submitted:

Date: December 1, 1954 Operator Lory M. Tree
Lory M. Tree

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

Budget Bureau No. 42-R1036.4
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of October, 1954 Docket No. DMEA 3278 Contract No. D.M.E.A. 860

Operator's Name Loy M. Free Minerals Tungsten

Address Pahrump, Nevada

Contract Amount, $ 39,600 Government Participation: 75 % Amount, $ 29,700

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:						JWR,
Drilling						
Bulldozing	None					
Crosscutting	None	$10,042.80	$10,042.80			
Drifting	$5,829.50	4,071.00	7,900.60			
(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						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$5,829.50	$20,113.80	$23,943.60			

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

Date Nov. 1, 1954 *Payee Loy M. Free

Per _____ Title _____

*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:

$ 28 72 12

Signature _____
(Authorized Certifying Officer)

Date NOV 12 1954 Vou. No. SF-DMEA-12

(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-E680 in accordance with the terms of the contract.

Signature R. C. Johnson Title Chief, Mining Div., Region III Date Nov. 3, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature H. C. Miller for S. Richer Title Executive Officer DMEA Field Team Region III Date November 4, 1954

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.

GPO 83-38476

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.1
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

ACCOUNTS NOV 8 1954
DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

NOV 22 1954

Month of October 1954 Docket No. DMEA 5273 Contract No. 111 - C 680
Operator's Name Lory M. Free Minerals Tungsten
Address Panaca, 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	1 ft.	$3,829.50	111	$7,669.50	239	$34.50	1 ft.	$34.50
Crosscutting	1 ft.			10,042.50	165	34.50	1 ft.	34.50
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		$3,829.50	111	$23,943.00			Total Costs Authorized by Contract	
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		$3,829.50	111	$23,943.00				

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.

Date November 2, 1954 Operator Lory M. Free

Per _____ Title _____

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)

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

NOV 22 1934

Corrective [illegible] Docket No. 3273

Work was continued much the same as last month. The tactite was very hard to drill and tough to break. Nothing unusual was encountered otherwise.

We were only able to make one hundred eleven feet this month. The major portion of this drilling was done in the north end. The entire tactite area drilled showed a high degree of mineralization in garnet and epidotes with an estimated one to two tenths [illegible].

Since a very small footage was made and nothing unusual encountered, a progress map this month was deemed unnecessary. We think next months report will present a pretty good picture of this ore body and two lenses of commercial grade tungsten ore.

Respectfully submitted,

Date November 1, 1934 Operator Larry M. Gree
Larry M. Gree

Department of the Interior
Defense Minerals Administration
RECEIVED
NOV 1 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region III

420 Custom House
555 Battery Street
San Francisco 11, California

Date: November 1, 1954

Memorandum

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

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -
Docket DMEA -3273

Contract Idm-E 680

Commodity Tungsten

Operator - Y. Z. Mining Company

Property - Schofield Mine
Lincoln County, Nevada

By Henry W. Jones, Mining Engineer

Dated October 29, 1954

Executive Officer,
DMEA Field Team, Region III

Attachments

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 5 - 1954

INTERIM REPORT

Docket No.: DMEA-3273 (Tungsten) October 29, 1954

Name and address of operator: Lory M. Free, dba,
Y-Z Minin g Company
Panaca, Nevada

Name and location of property: Rae Ella, Rae Ella #2 and Phyllis Claims (Schofield Mine)
Tem Piute Mining District
Lincoln County, Nevada

Contract No.: Idm-E680

SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

The Schofield Mine was visited on October 12, 1954 to check the work progress since the inspection of September 14, 1954. The crosscut was extended through the mineralized zone into the limestone hanging wall after penetrating 82 feet of partially mineralized tactite. (See Plan Map) It was driven an additional 22 feet since the previous inspection, for a total advance of 465 feet.

Drifting as prescribed by the contract was started to the southeast and northwest from a mutually agreed on point, to follow the hanging wall contact. The southeast drift was driven 58 feet, with the face exposing an 8-foot width of good grade ore. The northwest drift was advanced 87 feet from the measuring point. Seven feet of good ore was exposed at the face and along the drift for about 15 feet.

Ore shipments are being made from the mine.

Work is proceeding satisfactorily with the initial part of the contract successfully concluded.

It is recommended that a certificate of discovery be made on the Y-Z Mining Co. property. As a result of the DMEA exploration loan, a commercial deposit of scheelite ore has been discovered and revenue obtained from it.

STATEMENT OF WORK COMPLETED

The Schofield Mine was inspected in company with Lory M. Free, operator, to check the work progress completed since the visit of September 14, 1954.

The crosscut was continued to the limestone tactite contact for an additional crosscut advance of 22 feet and a total advance of 465 feet. Very little mineralization was noted at the contact.

Slab rounds were started for drifts to the southeast and northwest from a point in the crosscut and gradual turns were started both ways. A mutually agreed on point was established at 443 feet in the crosscut (6 feet from the track frog) from which all future drift measurements were to be taken. Due to an irregularity in the fault contact, the turns of both headings were miscalculated and partially ran into the limestone for short distances.

The southeast drift was advanced a total distance of 58 feet and exposed a face of scheelite ore for an 8 foot width, estimated to assay about 0.5% WO_3.

The northwest drift was driven 87 feet from the measuring point; the latter 15 feet exposed scheelite ore for a width of about 7

feet, estimated grade of 0.8 percent WO_3.

A spot was bulldozed from one side of the dump and an ore track and trestle were installed. Ore is to be stockpiled at this point and loaded into trucks by means of a skip loader.

COMMENTS

Ore shipments were to start immediately from the property. The ore to be hauled and treated at the U.S. Vanadium plant near Bishop, Calif. The operator estimated daily 50-ton shipments could be made from the present showings.

The crew currently consists of ten men, working on a partial 3-shift basis. Two men to the heading on the day and night shifts and two men working the graveyard shift.

Results of assays taken on the previous visit are listed as follows:

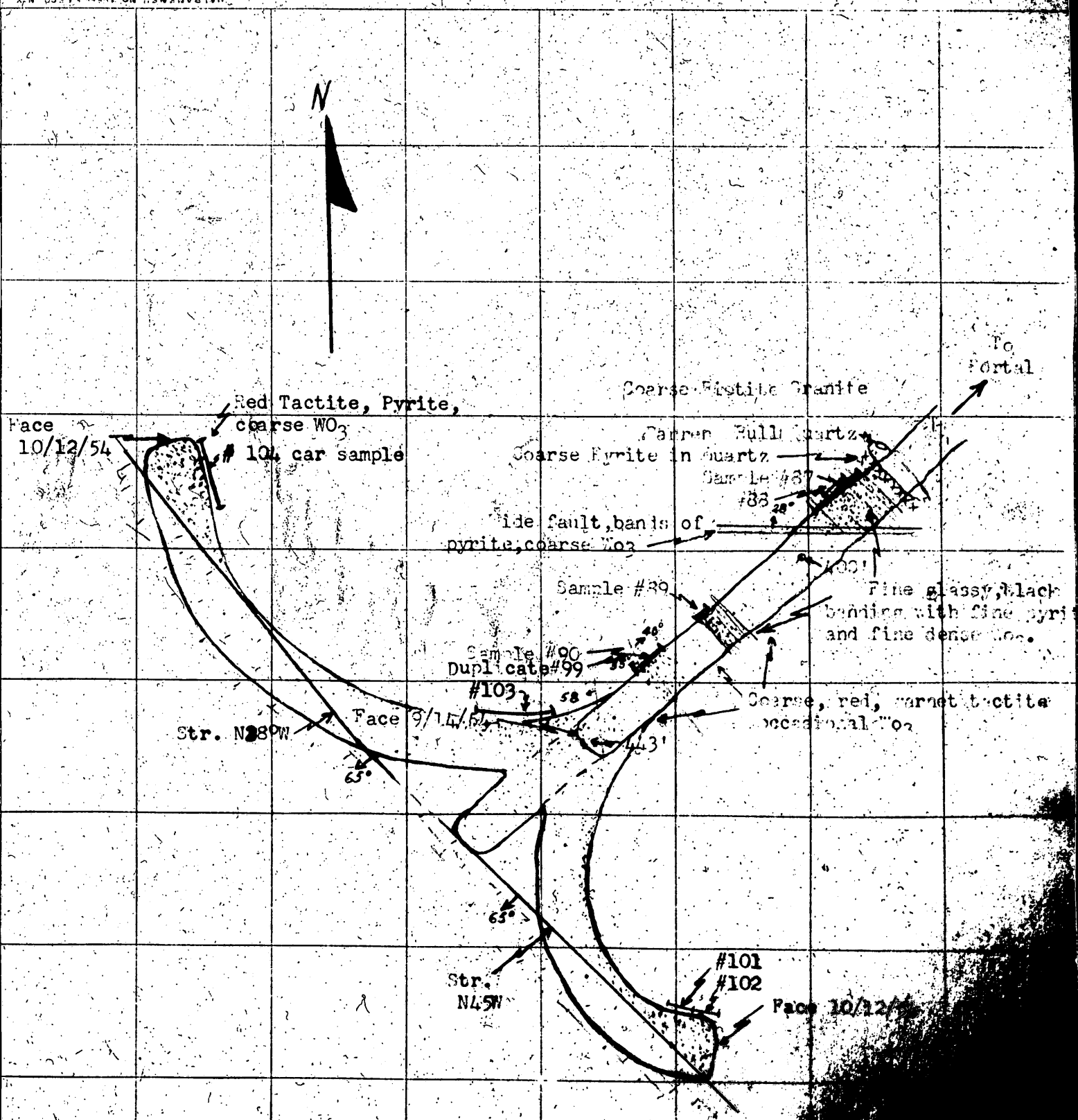
Sample No.	%, WO_3	Width, Feet	Location
87	0.99	9.0	Taken in crosscut at interval 385-394'
88	1.67	4.0	Higher grade part of above at interval 388-392
89	1.12	1.5	Scheelite mineralization showing at 417-418.5
90	0.01	4.5	Occasional scheelite showing 424.5-429

OTHER INFORMATION

The operators are of the opinion that greater efficiency could be obtained by putting a "gravel plant" in operation, crushing the ore

material to a -20 mesh and running it over three concentration tables. It was believed that a fair recovery could be obtained with a consequent elimination of high freight charges.

Henry W. Jones
Henry W. Jones
Mining Engineer



PLAN MAP Y-

MINERALIZED SECTION,

LINCOLN COUNTY

SCALE: 1"

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.4
Approval expires 6-30-53.

OPERATOR'S MONTHLY REPORT AND VOUCHER

OCT 26 1954

Month of [illegible], 195[illegible] Docket No. DMEA [illegible] Contract No. [illegible]
Operator's Name [illegible] Minerals [illegible]
Address [illegible]
Contract Amount, $[illegible] Government Participation: [illegible]% Amount, $[illegible]

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						
Bulldozing	[illegible]	[illegible]	[illegible]			
Crosscutting	[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						
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 Oct 2 1954 *Payee [illegible]
Per _____ Title _____

*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:

$ 5304.38

Signature Floyd N. Sylander, Authorized Certifying Officer
(Authorized Certifying Officer)

Date OCT 20 1954 Vou. No. SF-DMEA-9

(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. [illegible] in accordance with the terms of the contract.

Signature [illegible] Title Dolov Date Oct. 4, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] Title Executive Officer Date October 7, 1954

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.

GPO 83-38476

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.1
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
OCT 1954
Minerals
RECEIVED
OCT 26 1954

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of September 1954 Docket No. DMEA 3273 Contract No. [illegible]
Operator's Name Lory M. Free Minerals [illegible]
Address [illegible], 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	1 ft.	$4,072.60	110	$4,072.60	496	$34.60	1 ft.	$34.60
Crosscutting	1 ft.	$3,001.60	87	16,042.50	87	$34.60	1 ft.	$34.60
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		$7,072.50	206	$20,115.50				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		$7,072.50	206	$20,115.50				

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 October 8, 1954 Operator Lory M. Free

Per _____ Title _____

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)

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

DEPARTMENT OF THE INTERIOR
Bureau of Mines Administration
RECEIVED
OCT 26 1954

Narrative: DMEA Docket No. 3273

Work was continued on the exploration contract the entire month of September. A crew of nine men worked as follows: two men on the afternoon shift, two on the graveyard shift and three on the day shift.

2
2
3/7

At about the 362 foot mark, the contact between the granite and tactite was encountered. The tactite was highly mineralized with iron sulphides and showed encouraging amounts of sheelite. The tactite area was about 63 feet in width bringing us to the lime contact at 425 feet.

A T was made about 25 feet from the lime and drifting was commenced along the contact in both directions.

A very good showing was encountered in the southeast drift. At the present time there being, the full width of the drift, about 6 feet of estimated .5 to .6% WO_3. Assay returns are not in yet but will be placed on next months map.

The heading to the north west is also very encouraging. It shows and estimated .3% WO_3, and seems to be getting better each round.

The tactite area has been very hard and tough to drill and break. One of the new heavier Swende machines called the "Cobra" was put in use to help shorten the drilling time.

We hope to open up several lenses of marketable ore and begin shipping during the month of October.

Respectfully submitted:

Date October 2, 1954 Operator Lory M. Free
Lory M. Free

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT - 8 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region III

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

Date: October 4, 1954

Memorandum

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

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -

Docket DMEA -3273

Contract Idm-E 680

Commodity Tungsten

Operator - Lory M. Free dba Y. Z. Mining Company

Property - Schofield Mine, Lincoln County, Nevada

By Henry W. Jones, Mining Engineer

Dated September 30, 1954

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

Attachment

Copy to: Finance Officer, Region III (With one copy of report)

Roscoe Smith, USGS (With one copy of report)

OCT - 8 1954

INTERIM REPORT

Docket No.: DMEA-3273 (Tungsten) September 30, 1954

Name and address of operator: Lory M. Free, dba
Y-Z Mining Co.,
Panaca, Nevada

Name and location of property: Rae Ella, Rae Ella No. 2, and
Phyllis claims (Schofield Mine)
Tem Piute Mining Dist.,
Lincoln County, Nevada

Contract No.: Idm-E680

SUMMARY AND CONCLUSIONS

The Schofield mine was visited on September 14, 1954 for the purpose of determining the amount of work completed under terms of the DMEA exploration loan.

The crosscut was extended a distance of 443 feet for an advance of 201 feet since the previous inspection. A tactite zone containing varying amounts of scheelite mineralization was encountered at 383 feet with the hanging wall still not reached at the face (see map attached). Samples were taken of the more highly mineralized sections in the tactite structure.

Work has been advancing at a very fast pace with the initial part of the contract being almost completed. When the hanging wall of the tactite zone is reached, work will be directed to drifting both ways simaltaneously along the contact.

STATEMENT OF WORK COMPLETED

The Schofield mine was visited on September 14, 1954 in company with Lory M. Free, operator, to check the amount of footage advance since the previous inspection of August 12 and 13, 1954.

Work is continuing on the extension of the crosscut at a bearing of S. 48° W. for a measured distance of 443 feet from the point of beginning. An advance of 201 feet was made since the August inspection.

Tactite containing varying amounts of scheelite mineralization was encountered at 383 feet and continued beyond the face for an overall width of over 60 feet. Plans are to continue the heading until the hanging wall contact has been reached. The crosscut is currently being driven on a 3-shift basis, each crew averaging about 4.5 feet per shift.

A Briggs & Stratton powered Joy 1-19 fan with an 18-inch intake was purchased and 14-inch flexible air vent pipe was installed near the face.

The grade of the crosscut was increased to approximately 1.5% when the tactite zone was encountered. The operator believes it will facilitate car switching at the forks of the proposed drift.

COMMENTS

Difficulties are being experienced in the pulling of a full 6-foot round. The crews are using a 27 hole round with a 5 hole burn.

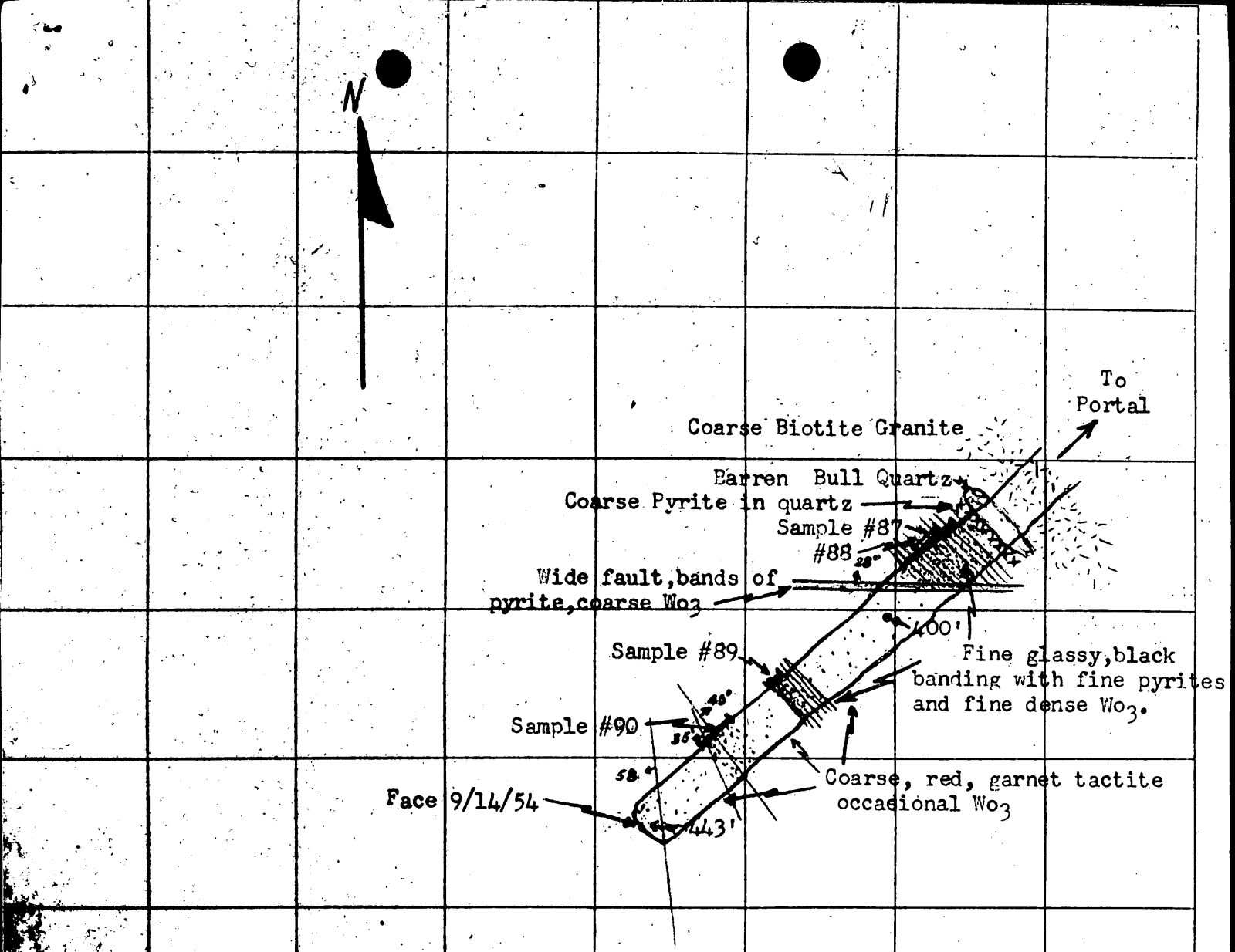
A 40% powder, especially designed for siliceous rock, is being used, however, results to date have been unfavorable. The average round pulled since striking the tactite is about 4.5 feet.

Most of the scheelite mineralization crossed in the tactite zone occurs in a dark glassy schistose structure showing considerable pyrite banding. The scheelite in these bands is extremely fine and evenly disseminated. The rest of the zone is composed of a fairly coarse, red garnet tactite containing some pyrite crystals and occasional specks of scheelite.

Four samples were taken of the more highly mineralized sections cut; assay results have not yet been received.

Henry W. Jones

Henry W. Jones
Mining Engineer



PLAN MAP: Y - Z MINING COMPANY

MINERALIZED SECTION, SCHOFIELD MINE Idm-E680

LINCOLN COUNTY, NEVADA

SCALE: 1" = 20'

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

Budget Bureau No. 42-R1036.3.
Approval expires 6-30-53.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 13 1954
SEP - 3 1954

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

Month of August, 1954 Docket No. DMEA 3273 Contract No. I.D.M. E. 680
Operator's Name Lory M. Free Minerals Tungsten
Address Panaca, Nevada
Contract Amount, $39,600 Government Participation: 75 % Amount, $29,700

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:						WSM
Drilling						
Bulldozing	$5,969.00	$6072.00	$13,041.00			
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						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$5969.00	$6,072.00	$13,041.00			

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

Date Sept. 1, 1954 *Payee Lory M Free

Per _____ Title _____

*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:

$ 5226 25

Lloyd H. Sjolander
Authorized Certifying Officer

Signature _____
(Authorized Certifying Officer)

Date SEP 7 1954 Vou. No. SF-DMEA-6

(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-E680 in accordance with the terms of the contract.

Signature A. C. Johnson Title Chief, Mining Div. Region III Date Sept. 2, 1954.

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature S. Ricker for H. C. Miller Title Executive Officer DMEA Field Team Region III Date September 3, 1954

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.

GPO 83-38476

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.1
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 13 1954

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 1954 Docket No. DMEA 3275 Contract No. KM - B 680
Operator's Name Lory G. Free Minerals Tungsten
Address Pahrump, Nevada 29,700

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	1 ft.	$6969.00	202	$13,061.00	378	$34.60	1 ft.	$34.60
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		$6969.00	202	$13,061.00			Total Costs Authorized by Contract	
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		$6969.00	202	$13,061.00				

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.

Date Sept. 1, 1954 Operator Lory G. Free

Per Title

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)

Remarks:

(For Government use only)

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

Department of
Lease Minerals
RECEIVED
SEP 13 1954

Narrative: [illegible] Pocket No. 3278

Work was continued on the exploration contract the entire month of August in the same manner as in the month of July.

At about 180 feet, a hard unoxidized granite was encountered. This material, perhaps a quartz monzonite, is extremely hard and tough. It has remained fairly constant from about the 180 foot mark to the present 378 foot mark. The only variation being some small quartz fissures showing up at irregular intervals and showing a small amount of mineralization.

A small amount of water seepage was encountered near the 250 foot area. Nothing else of interest was encountered. However, Mr. George Peck, our Engineer, is preparing a map showing the quartz fissures and geology accurately. We anticipate crosscutting the taotite ore zone and doing some drifting along the contact during the month of September. The map with appropriate information will be included in the September report.

Respectfully submitted:

Date: September 1, 1954 Operator Lory M. Free
Lory M. Free

D.M.E.A.

Defense Minerals Administration
RECEIVED
SEP - 7 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region III

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

Date: September 1, 1954

Memorandum

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

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -

Docket DMEA - 3273

Contract Idm-E 680

Commodity Tungsten

Operator - Lory M. Free, dba Y-Z Mining Company

Property - Schofield Mine, Lincoln County, Nevada

By Henry W. Jones, Mining Engineer

Dated August 30, 1954

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

Attachment.

Copy to: Finance Officer, Region III (With one copy of report)

Roscoe Smith, USGS (With one copy of report)

INTERIM REPORT

Docket No.: DMEA-3273 (Tungsten) August 30, 1954

Name and address of operator: Lory M. Free, dba
Y-Z Mining Co.,
Panaca, Nevada

Name and location of property: Rae Ella, Rae Ella No. 2,
and Phyllis Claims (Schofield Mine)
Tem Piute Mining Dist.,
Lincoln County, Nev.

Contract No.: Idm-E680

SUMMARY

The Schofield mine was inspected on Aug. 12 and 13, 1954 to check the work progress applicable to terms of the DMEA contract. The crosscut was driven an additional 192 feet for a total advance of 242 feet. No mineralization was encountered.

STATEMENT OF WORK COMPLETED

The Y-Z Mining Co. property was visited Aug. 12 and 13, 1954 to check the progress under terms of the DMEA contract. The previous visit was made on July 16, 1954. Work is continuing on driving the crosscut to its intersection with the downward extension of the scheelite-bearing tactite. A total measured advance of 242 feet was taken from the point of beginning, or an advance of 192 feet since the previous inspection. A mucking machine and 25 lb. rail was installed shortly after the previous visit, to replace the slusher. Work is progressing on a 2-shift basis with two men working per shift.

Work up to recently has been progressing very satisfactorily with excellent footage being attained by use of a 5 hole burn round. With the encountering of a fresh siliceous granite, however, the progress has been considerably slowed down. In most instances, 4.5 feet to 5 feet rounds were pulled in lieu of the average 6-foot round previously reported.

Henry W. Jones

Henry W. Jones
Mining Engineer

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

Budget Bureau No. [illegible]
Approval expires 6-30-53.

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

Month of July, 1954 Docket No. DMEA 3273 Contract No. I D M - E 680
Operator's Name Lory H. Free - Y. Z. Mining Company Minerals Tungsten
Address Panaca, Nevada
Contract Amount, $ 29600 Government Participation: 75% Amount, $ 29,700

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						WSM
Bulldozing						
Crosscutting	$6,072.00	None	$6,072.00			
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						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$6,072.00	None	$6,072.00			

I certify that the above bill is correct and just and that payment therefor has not been received.
Date August 3, 1954 *Payee Y. Z. Mining Company
Lory H. Free
Per _____ Title Operator

*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:

$ 4554.00
Lloyd R. Sjolander
Authorized Certifying Officer
Signature _____
(Authorized Certifying Officer)
Date AUG 6 1954 Vou. No. SF-DMEA-3

(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-E680 in accordance with the terms of the contract.

Signature R. C. Johnson Title Chief, Mining Div., Region III Date August 4, 1954.

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature H. C. Miller Title Executive Officer DMEA Field Team Region III Date August 5, 1954

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.

GPO 83-38476

Form M[illegible]104A
(April 1952)

Budget Bureau No. 42-R1151.1
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

AUG - 5 1954

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 1954 Docket No. DMEA 5273 Contract No. [illegible]

Operator's Name Lory M. Free Y. Z. Mining Company Minerals Tungsten

Address Pahrump, 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	1 ft.	$6,072.00	176	$6,072.00	176	$34.50	1 ft.	$34.50
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$6,072.00	176	$6,072.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$6,072.00	176	$6,072.00				

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.

Date August 5, 1954 Operator Lory M Free

Per Title Operator

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)

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

Narrative: [redacted] Docket No. 3273

Work was commenced on July 8, 1954 on the Exploration Project. Some two to three feet of overburden was encountered before hitting the solid rock formation. This was scraped away with a ten horse air slusher. The rock formation then encountered was a soft decomposed granite. Sixty-two (62) feet of the tunnel was run with the slusher.

At this point an Eimco Mucking Machine was put in use, rails installed, and the waste material was hand trammed. The granite gradually became harder from the surface in, becoming fairly uniform at about forty (40) feet, and remaining quite constant the rest of the distance.

The only irregularity encountered in the formation to date has been several small quartz fissures. These have been mineralized to some extent, showing some iron oxide and iron sulphide.

Because I am most anxious to get into the ore body, we have almost worked the clock around, using two new air leg machines for drilling, an Eimco mucking machine for mucking and expert miners.

Everything seems to be working smoothly and no particular difficulty is expected unless we have difficulty drilling and breaking the ground after we hit the taetite.

Respectfully submitted:

Date August 3, 1954 Operator Lory M. Free
Lory M. Free

Defense Minerals Administration
RECEIVED
AUG 3 - 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region III

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

Date: July 30, 1954

Memorandum

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

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -

Docket DMEA -3273

Contract Idm-E 680

Commodity Tungsten

Operator - Y. Z. Mining Company

Property - Schofield Mine
Lincoln County, Nevada

By Henry W. Jones, Mining Engineer

Dated July 23, 1954

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

Attachment

Copy to: Finance Officer, Region III (With one copy of report)

Roscoe Smith, USGS (With one copy of report)

Defense Minerals Administration
RECEIVED
AUG 3 - 1954

INTERIM REPORT

Docket No.: DMEA-3273 (Tungsten) July 23, 1954

Name and address of operator: Lory M. Free, dba
Y-Z Mining Co.,
Panaca, Nevada

Name and location of property: Rae Ella, Rae Ella #2 and Phyllis Claims (Schofield Mine), Tem Piute Mining Dist., Lincoln County, Nevada

Contract No.: Idm-E680

SUMMARY

The Schofield mine was visited on July 15 and 16, 1954 to determine the extent of work that was completed under terms of the new DMEA exploration loan on the property.

Work was started by the operators on July 8, 1954. The portal site was levelled and a crosscut was driven 50 feet southwesterly toward the projected downward extension of the ore body. No difficulties of consequence have been encountered to date.

STATEMENT OF WORK COMPLETED

The Y-Z Mining Company property, adjoining the Lincoln Mines property at Tempiute, was visited on July 15 and 16, 1954 in conjunction with the granting of a DMEA loan. Prior to receiving the loan, the operators installed a new Joy, 315 c.f.m. compressor and mining assessories. Work under terms of the contract was started on July 8. The portal site was cut at an elevation of 6,910 feet, 14 feet below the "Callahan 200 tunnel" on the adjoining Black Rock property, and 50 feet of crosscutting was

completed. The tunnel site and all mucking operations to date have been done by means of slusher mounted to a tree on the opposite hillside.

The crew consists of Lory Free, mine operator and lessee, and three co-partners, all of whom have had considerable mining experience. Crosscutting operations so far have been conducted on a 14 to 16 hour shift with as many as three to five foot rounds being advanced per shift.

The crosscut heading is being driven at a bearing of S. 48° W. at right angles to the projected extension of the surface trace of the ore body. The rock mass in which the tunnel is being driven consists of a partially oxidized granite becoming more consolidated as the depth increases.

COMMENTS

Slusher removal of the waste is to continue until the adit has been driven at least 100 feet, or until mining operations become too slow. Track, cars, and mucking machine will then be installed.

Henry W. Jones

Henry W. Jones
Mining Engineer

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

RECEIVED
JUL 13 1955

July 11, 1955

1605 Evans Avenue
Reno, Nevada

Memorandum

To: Lloyd H. Sjolander, Finance Officer, Region II

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMEA-3273
Contract No. Idm-E680
Royalties your memorandum of recent date

Attached is check from the Y.Z. Mining Company dated June 25, 1955.

S. Ricker

Attach.

SRicker:gh
cc: DMEA, Wash., D.C.
H. C. Miller
R. M. Smith
File

BUREAU OF MINES
WASHINGTON, D.C.

JUL 13 10 28 AM '55

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

RECEIVED
JUL 13 1955

420 Custom House
555 Battery Street
San Francisco 11, California

Air Mail

Memorandum

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

From: Lloyd H. Sjolander, Finance Officer, Region II San Francisco, California

Subject: Check from Lory M. Free, (Y. Z. Mining Company) in the Amount of $1,366.51

Returned herewith is check No. 430, dated July 25, 1955, in the amount of $1, 366.51 from Lory M. Free. As this is a post-dated check, we are unable to deposit same.

Will you please return this check to Mr. Free and request him to submit another check with the proper date, and submit the check to this office.

All attachments received with this check are being held in this office. It is also, noted the letter to Mr. Lory M. Free, from H. D. Bailey is dated July 8, 1955.

Lloyd H. Sjolander

Attachments

Copy to: Defense Minerals Exploration Administration, Interior Building, Washington, D. C.
Regional Director, Region II
Files

2 2n EA

RECEIVED
JUL - 5 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

1605 Evans Avenue
Reno, Nevada

Date June 30, 1955

Memorandum

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

WZM

From: Executive Officer, DMEA Field Team, Region II

Subject: Royalty Payments

Relative to the above subject, we are enclosing copy of settlement statement(s) covering royalty payment(s) on the following contract:

Name of Operator: Lory M. Free (Y. Z. Mining Co.)

Contract No. Idm-E680

Docket No. DMEA-3273

Number of Settlements: 9

Amount of Royalty Payment(s) $1,366.51

S. Ricker
Executive Officer
DMEA Field Team, Region II

Attachment(s)

Copy to: Finance Officer, Region II - check attached
File

Royalty

BUREAU OF MINES
WASHINGTON, D. C.
JUL 5 7 48 AM '55

RECEIVED
JUL - 5 1955

Panaca, Nevada
June 28, 1955

Mr. S. Rieker
Bureau of Mines
1605 Evans Avenue
Reno, Nevada

Re: DMEA Contract #3273.

Dear Mr. Rieker:

Enclosed you will find a total account of the ore shipped from the North TemPiute Mine since the granting of our D.M.E.A. contract in July of 1954, together with our check as per repayment schedule.

The copies of the settlement sheets on the first two shipments have already been sent in. I am attaching the settlement sheets to the original copy since I do not have enough settlement sheets to send in triplicate. Molybdenum Corporation did not send a settlement sheet at all, just a letter, a copy of which is used as a settlement sheet and enclosed. If there is anything further that you need please let me know.

It would be greatly appreciated if you would process the May account of our contract at an early date. If there is any reason that this May account should be held up, please let me know. The May account was completed entirely by my partners and I before Mr. Frawley had any interest in the work.

The June report and thereafter could properly come in Mr. Frawley's name as he has reimbursed us for the work we have done in the month of June. I desire to thank you and your office for your cooperation and help. I greatly appreciate the courtesies extended during the time we have been working this contract.

Sincerely yours,

Lory M. Free

Lory M. Free

LMF/j
Enc. Check $1,366.51.

RECEIVED
JUL - 5 1955

ORE OBTAINED FROM DOBBS MEADOWS MINE
Operated by Lory M. Free, Y. Z. Mining Co., Fallon, Nevada.

DATE	W.O.'s	TONS	GROSS VALUE	Government Royalty
11-20-54	.49	172.6	$2,916.36	$145.82
12-9-54	.45	160.8	2,513.10	125.66
12-27-54	.45	161.5	2,532.24	126.61
1-27-55	.63	148.98	4,278.68	213.94
4-12-55	.43	224.09	3,428.84	171.34
4-22-55	.70	198.62	5,276.94	263.85
6-11-55	.68	163.72	4,585.41	229.27
6-18-55	.51	24.71	426.02	21.30
One Shipment to U. S. Molybdenum Corporation:				
6-8-55	.45	932.57	$5,377.08	95.68
				$1,393.45
			Already paid	26.94
			Balance due	$1,366.51

SQ

Re:
Docket No. [illegible]-3273
Defense Minerals Exploration Administration
U. S. Department of the Interior.

Respectfully submitted: Lory M. Free
Lory M. Free
Y.Z. Mining Co.
Fallon, Nevada

SUBSTITUTE FOR [illegible]
Vendor does not render invoice.

Date June 18, 1955

Bought from Mr. Lory M. Free

Street & No. NORTH TEMPIUTE MINE

Town & State Panaca, Nevada

Sold to: UNITED STATES VANADIUM CORP.

Transportation terms: Account of seller

Tentative settlement on Purchase Contract 1523, Lots 228 through 229, of crude Tungsten Ore, received 5/3/55 through 5/4/55

12.53 Units WO_3 contained in 49119 dry pounds of crude Tungsten Ore
@ $ ~~36.00~~ 38.00 per Unit WO_3

476.02
~~431.08~~

Detail of Material included in this settlement:

Lot No.	Wet Weight	% H_2O	Dry weight	% WO_3	Units WO_3
1523	49430	.63	49119	0.51	12.53

Request for Payment must be made within 30 days from the date of this settlement, or by

July 18, 1955

SUBSTITUTE FOR VENDOR'S INVOICE
Vendor does not render invoice.

Date January 27, 1955

Bought from North Tempiute Mine

Street & No. Mr. Lory M. Free
~~Pahaca~~,

Town & State Panaca, Nevada

Sold to: UNITED STATES VANADIUM COMPANY

Transportation terms: Account of Seller

Tentative settlement on Purchased Ore Lot 1361, Loads 170 through 184, of crude Tungsten Ore, received 12/17/54 through 1/14/55.

115.64 Units WO_3 contained in 278,653 dry pounds of crude Tungsten Ore
@ $ 37.00 per Unit WO_3

$ 4278.68

Detail of Material included in this settlement:

Lot No.	Wet Weight	% H_2O	Dry Weight	% WO_3	Units WO_3
1361	297,960	6.48	278,653	0.83	115.64

Request for Umpire must be made within 30 days from the date of this settlement, or by

February 27, 1955

COPY

MOLYBDENUM CORPORATION OF AMERICA
Mountain Pass Mine
NIPTON, CALIFORNIA

July 8, 1955

Mr. Lory M. Free
Panaca, Nevada

Dear Mr. Free:

Enclosed is a check for $1,300.51 as final payment for the tungsten ore recently purchased from you. I also enclose an Umpire Assay Report from Union Assay Office, Inc. and a duplicate pulp sample from the 983 ton Composite Head Sample. Following are the calculation upon which this settlement is based.

1023.82 tons delivered at 4% moisture	=	982.87
982.87 tons x 0.45% WO_3	=	442.29
442.29 units @$36.00 per unit		$15,922.44
Hauling 982.87 tons ($10.00 per tons plus 3% tax)		10,545.36
		$ 5,377.08
Advance to Lory Free		4,076.57
Balance due Lory Free		$ 1,300.51

The composite head assay is somewhat lower than either one of us expected. We recovered 8.48 tons of concentrate from this ore assaying 39.52% WO_3 which makes 335.18 units or 75.8% of the units in the ore. About 7.5 tons wassacked and weighed and we figure the balance to be in the cells, pipes and thickener.

The presence of fluorite prevented us from making a marketable concentrate and we are now advised that the presence of "Spookite" was the reason for the poor recovery. I am surprised that you had no knowledge of these minerals.

Yours very truly,

/s/ H. D. Bailey
H. D. Bailey

Street & No. Lory M. Free

Town & State Panaca, Nevada

RECEIVED
JUL - 5 1955

Sold to: UNITED STATES VANADIUM COMPANY

Transportation terms: Account of Seller

Tentative settlement on Purchased Ore Lot 1352, Loads 155 through 169, of crude Tungsten ore, received 11/30/54 through 12/16/54

70.34 Units WO_3 contained in 312,605 dry pounds of crude Tungsten Ore
$ 36.00 per Unit WO_3

	$ 2532.24
Less our Invoice No. 12-3 enclosed	0.40
Net amount - this settlement	2531.84

Detail of Material included in this settlement:

Lot No.	Wet Weight	% H_2O	Dry Weight	% WO_3	Units WO_3
1352	322,990	3.22	312,605	0.45	70.34

Request for Inquiries must be made within 30 days from the date of this settlement, or by

January 27, 1955

SUBSTITUTE FOR VENDOR'S INVOICE
Vendor does not render invoice.

Date April 12, 1955

Bought from North Tempiute Mine

Street & No. Mr. Lory M. Free

Town & State Panaca, Nevada

Sold to: UNITED STATES VANADIUM COMPANY

Transportation terms: Account of Seller

Tentative settlement on Purchased Ore Lot 1430, Loads 185 through 204, of crude Tungsten Ore, received 2/6/55 through 4/2/55.

95.19 Units WO_3 contained in 442,740 dry pounds of crude Tungsten Ore @ $ 36.00 per Unit WO_3

	$ 3426.84
Less advance payment of 3/12/55	1150.00
Less our Invoice No. 4-1	27.04
Net amount - this settlement	2249.80

Detail of Material included in this settlement:

Lot No.	Wet Weight	% H_2O	Dry Weight	% WO_3	Units WO_3
1430	448,180	1.21	442,740	0.43	95.19

Request for Umpire must be made within 30 days from the date of this settlement, or by

May 12, 1955

Note: Load No. 195 missed by weighmaster; ticket for this load was voided.

SUBSTITUTE FOR VENDOR'S INVOICE
Vendor does not render invoice.

Date April 22, 1955

Bought from Mr. Lory F. Free

Street & No. NORTH TEMPIUTE MINE

Town & State Panaca, Nevada

Sold to: UNITED STATES VANADIUM COMPANY

Transportation terms: Account of Seller

Tentative settlement on Purchased Ore Lot 1445, Loads 205 through 225, of crude Tungsten Ore, received 4/ 4/55 through 4/14/55

142.62 Units WO_3 contained in 385,449 dry pounds of crude Tungsten Ore @ $ 37.00 per Unit WO_3

$5276.94

Detail of Material included in this settlement:

Lot No.	Wet Weight	% H_2O	Dry Weight	% WO_3	Units WO_3
1445	397,230	2.97	385,449	0.74	142.62

Request for Empire must be made within 30 days from the date of this settlement, or by

May 22, 1955

SUBSTITUTE FOR VENDOR'S INVOICE
Vendors does not render invoice.

Date May 11, 1955

Bought from Mr. Lory M. Free

Street No NORTH TEMPLUTE MINE

Town & State Panaca, Nevada

RECEIVED
JUL - 5 1955

Sold to: UNITED STATES VANADIUM COMPANY

Transportation to: Account of seller

Tentative settlement of Purchase of Ore Lot 1465, sacks 216 through 227, of crude Tungsten Ore, received 4/15/55 through 4/25/55

123.93 Units WO_3 contained in 364,488 dry pounds of crude Tungsten Ore
@ 37.00 per Unit WO_3

$ 4,585.41

Detail of data included in this settlement:

Lot No	Net Weight	% H_2O	Dry Weight	% WO_3	Units WO_3
1465	377,440	3.43	364,488	0.68	123.93

Request for adjustment must be made within 30 days from the date of this settlement, or by

June 11, 1955

402

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN - 1 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

420 Custom House
555 Battery Street
San Francisco 11, California

December 28, 1954

Memorandum

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

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payments

Relative to the above subject, we are enclosing copy of settlement statement(s) covering royalty payment(s) on the following contract:

Name of Operator: Lory M. Free, dba: Y. Z. Mining Company

Contract No. Idm-E680

Docket No. DMEA-3273

Number of Settlements: 2

Amount of Royalty Payment(s) $15.27) $11.67) Total: $26.94

S. Ricker
Executive Officer
DMEA Field Team, Region III

Attachment(s)

Copy to: Finance Officer, Region III

Royalty

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED

1954 DEC 20 AM 9:09

RENO, NEVADA

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN - 1 1955

Washington

Panaca, Nevada
December 16, 1954

Mr. A. C. Johnson
United States Department of the Interior
Bureau of Mines
1605 Evans Avenue,
Reno, Nevada

Dear Mr. Johnson:

Enclosed you will find settlement data on Lot Number 1335 and Lot Number 1343, U. S. Vanadium settlement sheets enclosed.

1335	Gross value of ore	$2,916.36	
	Trucking charges	1,898.60	
		$1,017.76	÷ 172.6 = $5.90 approx.
	$1,017.76 x .015 equals $15.27.		$15.27
1343	Gross value of ore	$2,513.16	
	Trucking charges	1,768.74	
		$ 744.42	÷ 160.8 = $4.63 approx
	$744.42 x .015 equals $11.67.		$11.67
			$26.94 ✓

Yours very truly,

Lory M. Free

Lory M. Free

LMF/j
Enc. $26.94
Y.Z. Mining Co.

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED

1954 DEC 20 AM 9:09

RENO, NEVADA

SUBSTITUTE FOR VENDOR'S INV[illegible]
Vendor does not render invoice.

Date November 26, 1954

Bought from Mr. Lory M. Free

Street & No. NORTH TEMPIUTE MINE

Town & State Panaca, Nevada

DEPARTM[illegible]
Defense M[illegible]
RE[illegible]
JAN - 1 1955

Sold to: UNITED STATES VANADIUM COMPANY

Transportation terms: Account of Seller

Tentative settlement on Purchased Ore Lot 1335, Loads 124 through 139, of crude Tungsten Ore, received 10/19/54 through 11/15/54.

81.01 Units WO_3 contained in 330,653 dry pounds of crude Tungsten Ore
@ $36.00 per Unit WO_3

$2916.36

Detail of Material included in this settlement:

Lot No.	Wet Weight	% H_2O	Dry Weight	% WO_3	Units WO_3
1335	345,210	4.22	330,653	0.49	81.01
	172.6				

Y Z Mining Co.
IDM-E 680
docket 3273

Request for Umpire must be made within 30 days from the date of this settlement, or by

December 26, 1954

SUBSTITUTE FOR VENDOR'S INVOICE
Vendor does not render invoice.

December 9, 1954

Bought from NORTH TEMPIUTE MINE

Street & No. Mr. Lory M. Free

Town & State Pamona, Nevada

Sold to: UNITED STATES VANADIUM COMPANY

Transportation terms: Account of Seller

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN - 1 1955

Tentative settlement on Purchased Ore Lot 1343, Loads 140 through 154, of crude Tungsten Ore, received 11/18/54 through 11/27/54

69.81 Units WO_3 contained in 310,265 dry pounds of crude Tungsten Ore
$36.00 per Unit WO_3

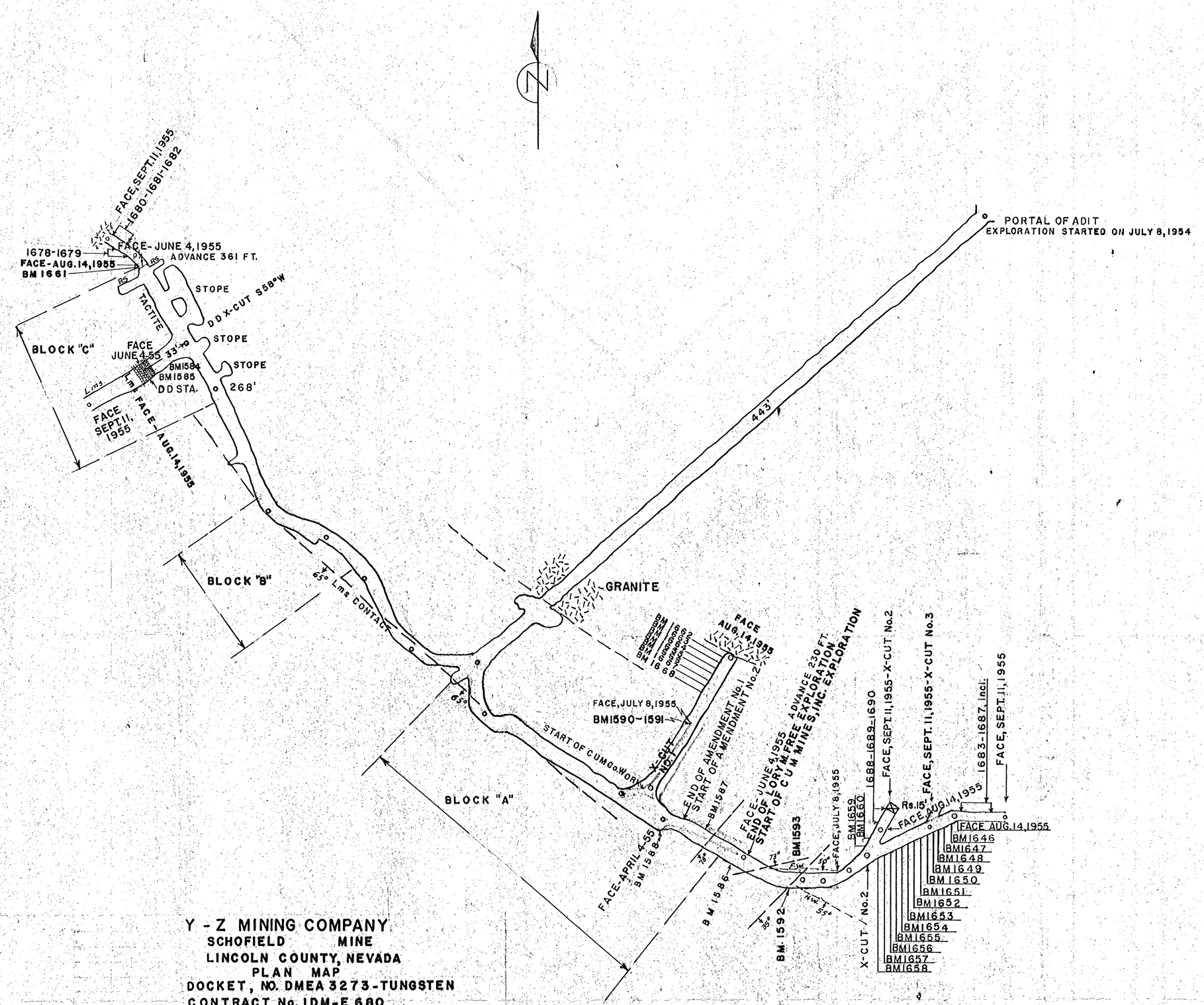
$ 2,513.16

Detail of Material included in this settlement:

Lot No.	Net Weight	% H_2O	Dry Weight	% WO_3	Units WO_3
1343	321,989	3.52	310,265	0.45	69.81
	160.8				

Request for Umpire must be made within 30 days from the date of this settlement, or by

January 9, 1955

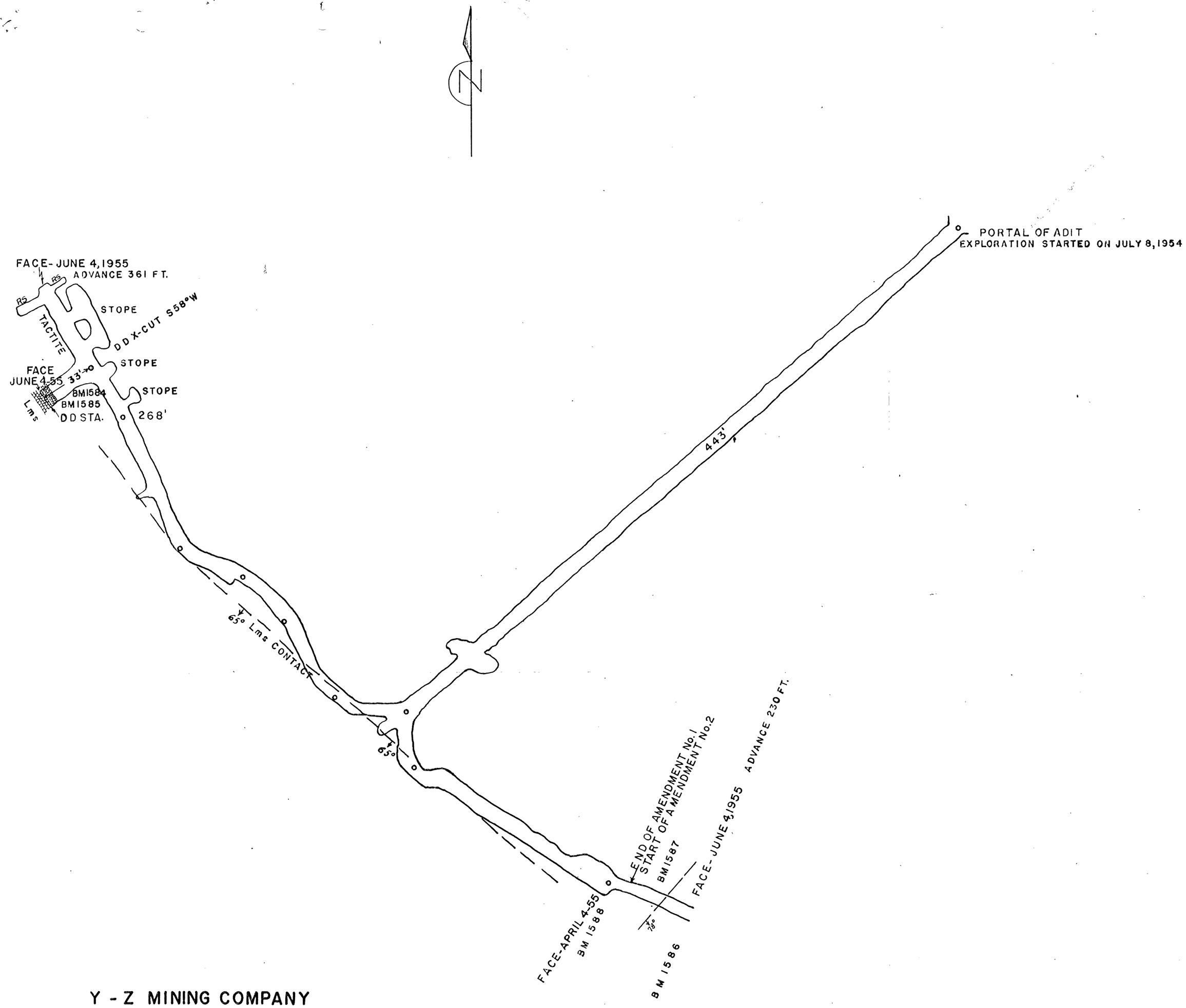


Y - Z MINING COMPANY
SCHOFIELD MINE
LINCOLN COUNTY, NEVADA
PLAN MAP
DOCKET, NO. DMEA 3273-TUNGSTEN
CONTRACT No. IDM-E 680

BRUNTON SURVEY — SCALE 1" = 40'

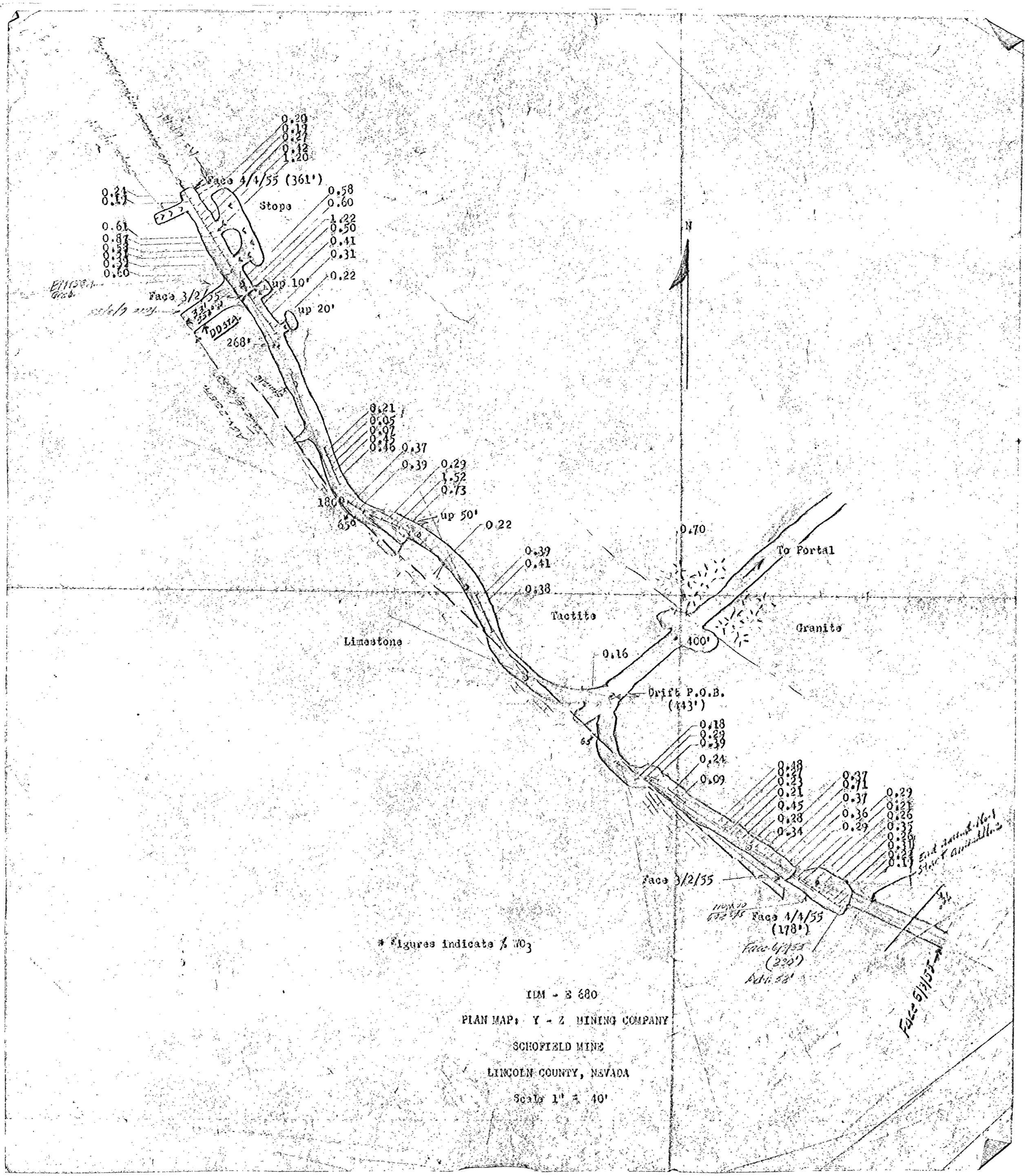
INDICATED AND INFERRED
TONNAGE ESTIMATE BY L. M. FREE ON JULY 8, 1955

BLOCK	DIMENSIONS	TONS	GRADE
A	210' x 15' x 200'	52,500	0.4 % WO_3
B	75' x 6' x 130'	4,875	0.7 "
C	100' x 20' x 130'	21,700	0.5 "



Y - Z MINING COMPANY
SCHOFIELD MINE
LINCOLN COUNTY, NEVADA
PLAN MAP
DOCKET, NO. DMEA 3273-TUNGSTEN
CONTRACT No. IDM-E 680
SCALE 1" = 40'

PROGRESS	
Initial Cross Cutting	465.0 Ft.
Drifting, North West	361.0 "
" , South East	230.0 "
D D Cross Cut	30.0 "
	1086.0 "



* Figures indicate % WO_3

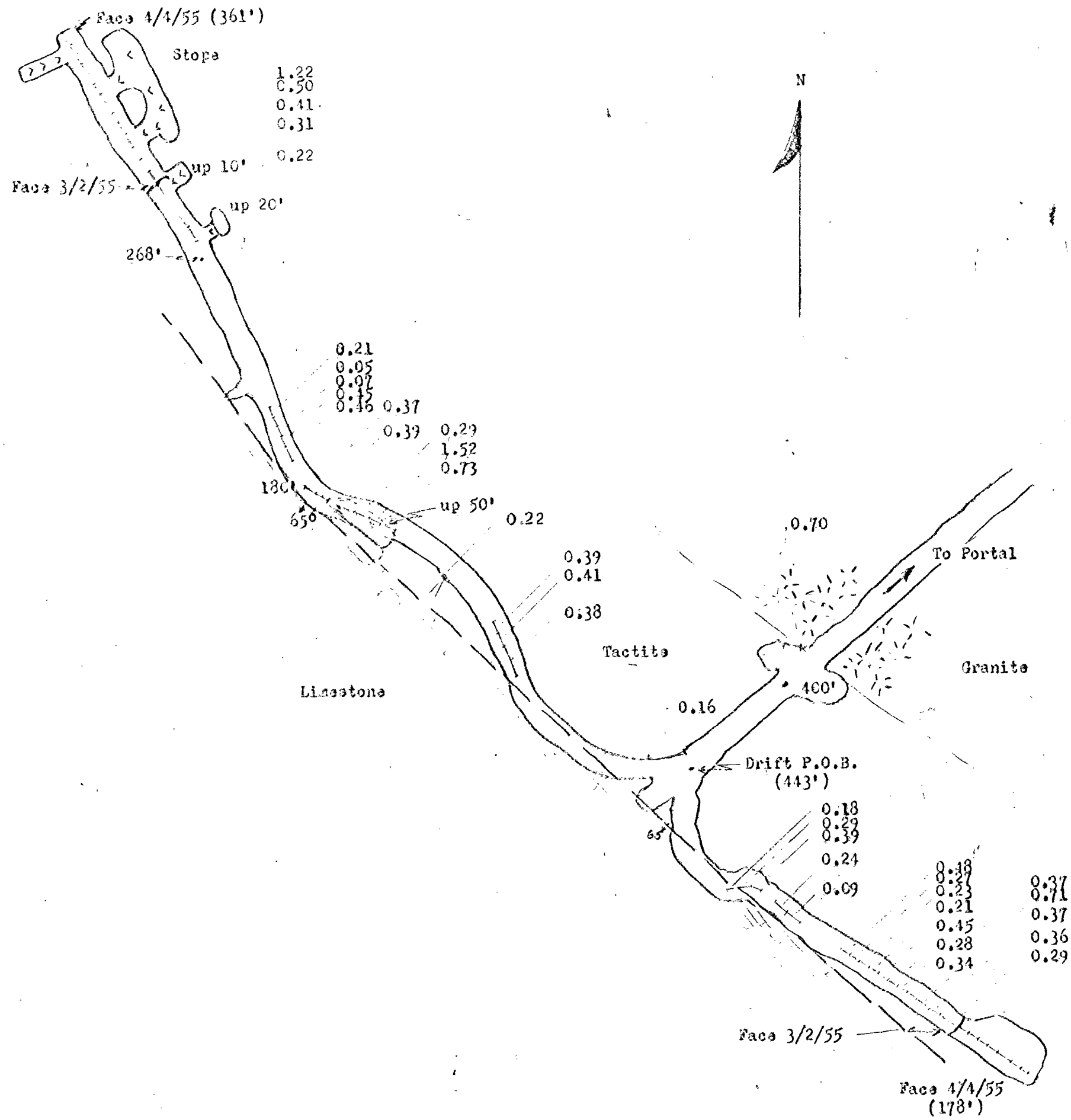
IDM - E 680

PLAN MAP: Y - Z MINING COMPANY

SCHOFIELD MINE

LINCOLN COUNTY, NEVADA

Scale 1" = 40'



* Figures indicate % WO_3

IDM - E 680

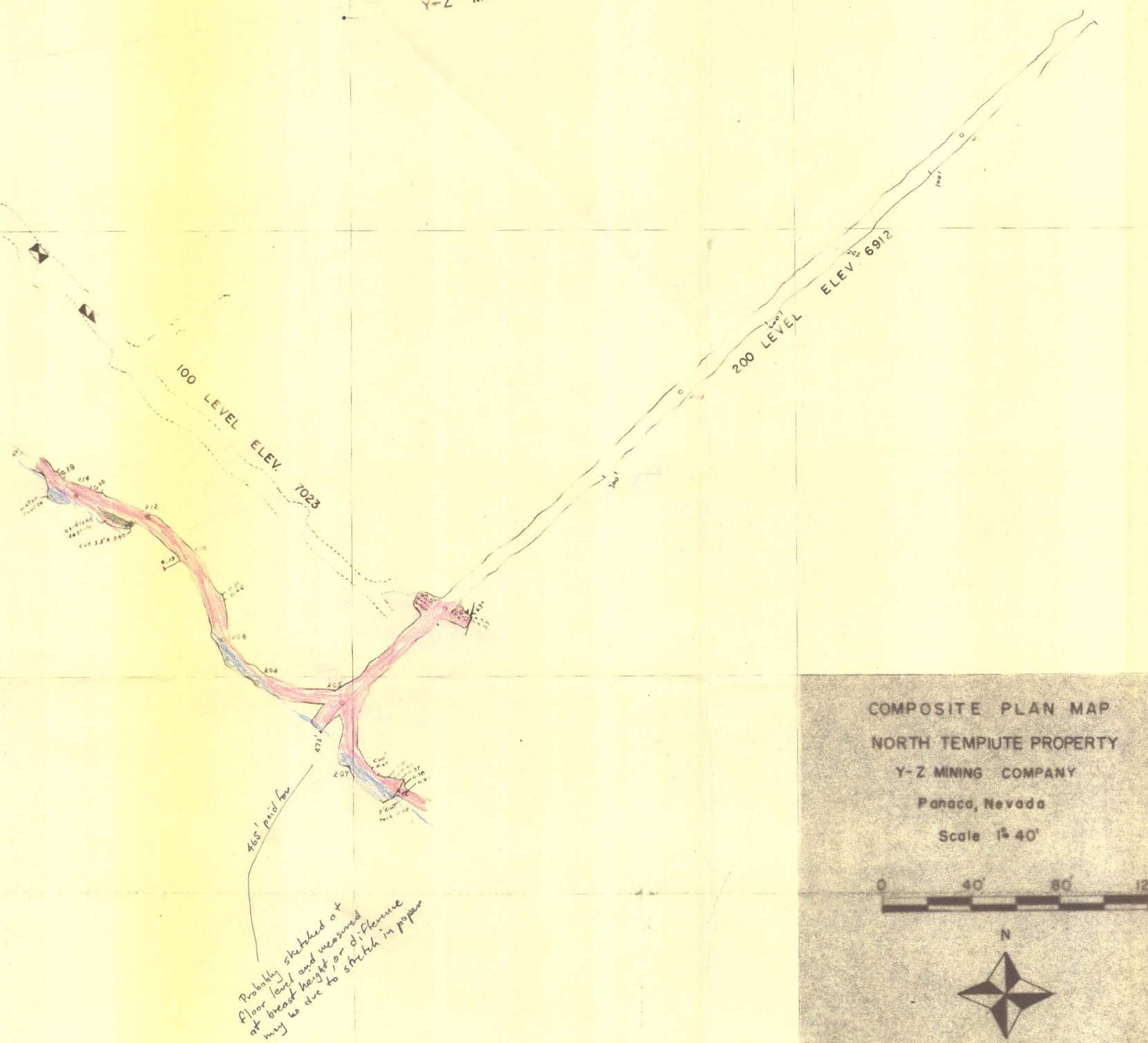
PLAN MAP: Y - Z MINING COMPANY

SCHOFIELD MINE

LINCOLN COUNTY, NEVADA

Scale 1" = 40'

WAH CHANG MINING CORPORATION
Y-Z MINING COMPANY



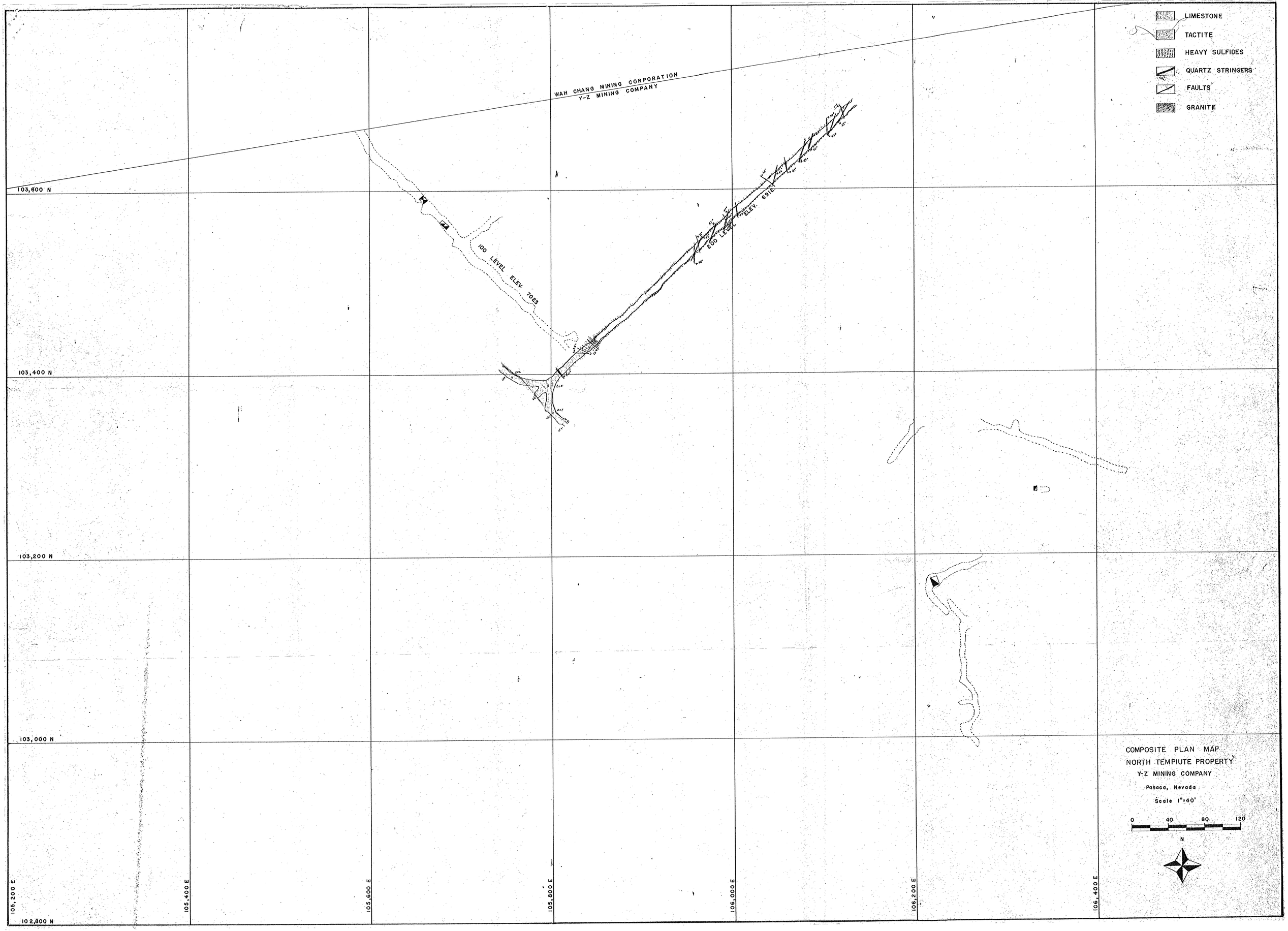
LEGEND

- Fault
- Quartz Veins
- Sulfides
- Tactite
- Granite
- Limestone

COMPOSITE PLAN MAP
NORTH TEMPIUTE PROPERTY
Y-Z MINING COMPANY
Panaca, Nevada
Scale 1" = 40'

0 40' 80' 120'

N


LIMESTONE
TACTITE
HEAVY SULFIDES
QUARTZ STRINGERS
FAULTS
GRANITE
WAH CHANG MINING CORPORATION
Y-Z MINING COMPANY
100 LEVEL ELEV. 7023
200 LEVEL ELEV. 6912
103,600 N
103,400 N
103,200 N
103,000 N
102,800 N
105,200 E
105,400 E
105,600 E
105,800 E
106,000 E
106,200 E
106,400 E
COMPOSITE PLAN MAP
NORTH TEMPIUTE PROPERTY
Y-Z MINING COMPANY
Panaca, Nevada
Scale 1"=40'
0
40
80
120
N