June 10, 1970

List of DMEA records on Hamme tungsten mine in possession of J. E. Gair
U.S. Geol. Survey.

4 copies of map of Project A at 1" equals 40'

4 copies of map of Project B at 1" equals 40'

3 copies of map of Project C at 1" equals 40'

4 copies of map of Project D at 1" equals 40'

3 copies of composite map showing plan of operations of Tungsten Mining Corporation as of 8/31/56 at 1" equals 100' and boundaries of DMEA Contract.

Vertical section of Sneed No. 1 and No. 2 veins and Walker No. 1, No. 1A, and No. 2 veins at 1" equals 100'

Vertical section N50E of Walker No. 3 and No. 6 vein at 1" equals 100'

Final report of field team on DMEA Exploration project at Hamme Mine, dated 8/20/58 (1 copy)

Logs of diamond drill hole for final report of DMEA Exploration project at Hamme Tungsten Mine (1 copy)

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

OFFICIAL FILE COPY
O. M. E
RECEIVED MAY 28 1963

DATE		
5/29		800
	Gridwell	500
		320

May 27, 1963

Memorandum

To: Fiscal Section, Division of Administrative Services
Office of the Secretary, Department of the Interior
Washington 25, D. C.

From: Robert A. Laurence

Subject: Royalty Payment
DMA-4216, Contract 14-[illegible]1032 (Tungsten)
Tungsten Mining Corporation
[illegible] Mine
Vance County, North Carolina
Revolving Fund - 14X1401

Attached is check number 32846, dated May 24, 1963, in the amount of $236.31, as payment of royalty due for the months of March and April 1963, under the subject contract.

Robert A. Laurence

Enclosure

mg
cc - Mr. George C. Selfridge (2)
Mr. Avery Reed, USBM
OME Files - Knoxville

Area Code 919
GEneva 8-4139

HOWE SOUND

TUNGSTEN MINING CORPORATION
A SUBSIDIARY OF HOWE SOUND COMPANY
STAR ROUTE 36130 • HENDERSON, NORTH CAROLINA

May 24, 1963

U. S. Department of Interior
O.M.E. Field Office, Region IV
Room 11, P. O. Building
Knoxville 2, Tennessee

RE: DMEA 4216 Tungsten
Tungsten Mining Corporation
Hamme Mine, Vance County, N. C.
Contract IDM-E 1032

Gentlemen:

Enclosed is a check for $236.51 as payment for royalties due for months of March and April 1963.

Also attached are two copies of certified statements of calculations of said royalties.

This clears up all royalties due on ore mined for subject contract for an indefinite period as mine and mill are shut down.

Very truly yours,

W. L. Kendrick

W. L. Kendrick
Vice President & General Manager

WLK:mak

RECEIVED
MAY 27 1963
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

DMEA Royalties - March and April 1963

No mining was done during either month.

Final payment was received on 282.48 S.T.U. of Scheelite in storage on March 1st and shipped in March.

Tungsten

Sales to Firth Sterling Corporation

282.48 S.T.U. @ $16.00 = $4,519.68 — $4,519.68

Payment of Stabilization for lead for January and February received this month.

Lead Concentrates

January

$\frac{2453 \times \$1,958.96}{28,798}$ = $166.86

February

$\frac{571 \times \$1,007.04}{13,174}$ = $ 43.65

Total Lead	$ 210.51
Total Value all Minerals	$4,730.19
Royalty at 5%	$ 236.51

This will be last payment for an indefinite period as mine and plant are closed.

The above income for lead payments and sales price of Scheelite as set forth above are hereby certified as correct.

TUNGSTEN MINING CORPORATION

W. L. Kendrick

W. L. Kendrick
Vice President & General Manager

WLK:mak

RECEIVED
MAY 27 1963
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

Area Code 919
GEneva 8-4139

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

March 15, 1963

3/18		800
		500
		220

Memorandum

To: Fiscal Section, Division of Administrative Services
Office of the Secretary, Department of the Interior
Washington 25, D. C.

From: Robert A. Laurence

Subject: Royalty Payment
DMEA-4216, Idm-E1032 (Tungsten)
Hamme Mine, Vance County, North Carolina
Tungsten Mining Corp.
Revolving Fund - 14X4401

Attached is check number 32731, dated March 13, 1963, in the amount of $278.87, as payment of royalty due for the month of February 1963, under the above contract.

Robert A. Laurence

Attachment
mg
cc - Mr. George C. Selfridge (2)
Mr. Avery Reed, USBM
OME Files - Knoxville

TUNGSTEN MINING CORPORATION

DMEA ROYALTIES - FEBRUARY 1963

Tungsten

Ore Mined During February		
571 Tons @ 0.609	347.74 S.T.U.	
Mill Recovery 90.44%	314.50 S.T.U.	
G. E. Grade - 85.02%	267.39 S.T.U.	
Secondary Conc.	47.11 S.T.U.	
Chemical Plant Operated on Secondary Concentrates		
Recovery 93.03% on 47.11 S.T.U. =	43.83 S.T.U.	
Sales - All sales to General Electric		
G. E. Grade - 267.39 S.T.U. @ $19.00	$5,080.41	
Total Tungsten Sales		$5,080.41

Lead Concentrates

Total Lead Sales	$11,464.55
Total Tons Treated	13,174
Tons From DMEA	571

$$\frac{571 \times 11{,}464.55}{13{,}174} = \$496.91$$

DMEA Share of Lead	$ 496.91
Total Value of Minerals Sold	$5,577.32
Royalty @ 5%	$ 278.87

43.83 S.T.U. of Synthetic Scheelite was placed in storage for future sales. Added to 238.65 S.T.U. held in storage results in 282.48 S.T.U. now in storage. This will be sold in March so can be cleared up then.

Lead subsidy payments for past two months have not been received and royalty will be calculated and paid when received.

As mine and mill were closed down on February 14th no further payments will be made on production.

The above mentioned lead and scheelite royalties, however, will be forthcoming.

The above production was obtained from subject contract co-mingled with ore from balance of the mine.

The production, mill recoveries, chemical plant recoveries, average short ton unit price and all proceeds from all minerals, as set forth above, are hereby certified as correct.

TUNGSTEN MINING CORPORATION

W. L. Kendrick

W. L. Kendrick
Vice President & General Manager

RECEIVED
MAR 15 1963
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

OFFICIAL FILE COPY
February 14, 1964
RECEIVED FEB 18 1963

DATE		
2/18	WOJ	800
	Unassigned	500
		220

Memorandum

To: Fiscal Section, Division of Administrative Services
Office of the Secretary, Department of the Interior
Washington 25, D. C.

From: Robert A. Laurence

Subject: Royalty Payment
DMEA-4216, Idm-K1032 (Tungsten)
Hamme Mine, Vance County, North Carolina
Tungsten Mining Corp.
Revolving Fund - 14X4401

Attached is check number 32627, dated February 12, 1963, in the amount of $1,310.16, as payment for royalties due for the month of January 1963, under the above contract.

Robert A. Laurence

Attachment
mg
cc - Mr. George C. Selfridge (2)
Mr. Avery Reed, USBM
OME Files - Knoxville

Area Code 919
GEneva 8-4139

HOWE SOUND

TUNGSTEN MINING CORPORATION
A SUBSIDIARY OF HOWE SOUND COMPANY
STAR ROUTE 36130 • HENDERSON, NORTH CAROLINA

February 12, 1963

OFFICIAL FILE COPY
O. M. E.
RECEIVED FEB 18 1963

DATE	INITIALS	CODE

U. S. Department of Interior
O.M.E. Field Office, Region IV
Room 11, P. O. Building
Knoxville 2, Tennessee

RE: DMEA - 4216 (Tungsten)
Tungsten Mining Corporation
Hamme Mine, Vance Co., N. C.
Contract IDM-E1032

Gentlemen:

Enclosed is a check for $1,310.16 as payment for royalties due for month of January 1963 under above contract.

Also attached are two copies of certified statements of calculations of said royalties.

Very truly yours,

TUNGSTEN MINING CORPORATION

W. L. Kendrick

W. L. Kendrick
Vice President & General Manager

WLK:mak

Enclosures

RECEIVED
FEB 14 1963
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

TUNGSTEN MINING CORPORATION

DMEA ROYALTIES - JANUARY 1963

Tungsten			
Ore Mined During January			
2,453 D.S.T. @ 0.698%		1,712.19 S.T.U. Contained	
Mill Recovery 88.00%		1,506.73 S.T.U. Recovered	
G. E. Grade - 87.85%		1,323.66 S.T.U.	
Secondary Conc.		183.07 S.T.U.	
Chemical Plant Operated on Secondary Concentrates.			
Recovery 93.42% on 183.07 S.T.U.		171.02 S.T.U.	
Sales - All to General Electric			
G. E. Grade - 1,323.66 S.T.U. @ $19.00		$25,149.54	
Total Tungsten Sales			$25,149.54
Lead Concentrates			
Total Lead Conc. Sales	$12,369.80		
Total Tons Treated	28,798		
Tons From DMEA	2,453		
$\frac{2,453 \times \$12,369.80}{28,798}$ =			
DMEA Share of Lead			$ 1,053.65
Total Value of Minerals Sold			$26,203.19
DMEA Royalty @ 5%			$ 1,310.16

171.02 S.T.U. of Synthetic Scheelite was placed in storage for future sale. Added to 67.63 S.T.U. from December results in total of 238.65 S.T.U. held in storage.

Payment of GSA lead subsidy has been received for two months and is included in lead sales.

The above production was obtained from subject contract co-mingled with ore from balance of mine.

The Production, mill recoveries, chemical plant recoveries, average short ton unit price and all proceeds from all minerals, as set forth above, are hereby certified as correct.

TUNGSTEN MINING CORPORATION

W. L. Kendrick

W. L. Kendrick
Vice President & General Manager

RECEIVED
FEB 14 1963
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

OFFICIAL FILE COPY
O. M. E.
RECEIVED JAN 30 1963

DATE		
1/30		800
1/31		500
		230

January 28, 1963

Memorandum

To: Fiscal Section, Division of Administrative Services
Office of the Secretary, Department of the Interior
Washington 25, D. C.

From: Robert A. Laurence

Subject: Royalty Payment
DMEA-4216, Idn-E1032 (Tungsten)
Hamme Mine, Vance County, North Carolina
Tungsten Mining Corp.
Revolving Fund - 14X4401

Attached is check number 32572, dated January 22, 1963, in the amount of $697.81, as payment for royalties due for the month of December 1962, under the above contract.

Robert A. Laurence

Attachment
mg
cc - Mr. George C. Selfridge (2)
Mr. Avery Reed, USBM
OME Files - Knoxville, Tennessee

Area Code 919
GEneva 8-4139

HOWE SOUND

TUNGSTEN MINING CORPORATION
A SUBSIDIARY OF HOWE SOUND COMPANY
STAR ROUTE 36130 • HENDERSON, NORTH CAROLINA

January 22, 1963

U. S. Department of Interior
O. M. E. Field Office, Region IV
Room 11, P. O. Building
Knoxville 2, Tennessee

Re - DMEA-4216 (Tungsten)
Tungsten Mining Corporation
Hamme Mine, Vance Co., N. C.
Contract IDM-E1032

Gentlemen,

Enclosed is a check for $697.81 as payment for royalties due for month of December 1962 under above contract.

Also attached are two copies of certified statements of calculations of said royalties.

There are 67.63 S.T.U. of synthetic scheelite produced but not sold placed in inventory.

Very truly yours,

TUNGSTEN MINING CORPORATION

W. L. Kendrick

W. L. Kendrick
Vice President & General Manager

WLK:mak

Enclosures

RECEIVED
JAN 25 1963
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

TUNGSTEN MINING CORPORATION

DMEA ROYALTIES - DECEMBER, 1962

Tungsten

Ore Mined during December		
1,039 D.S.T. @ 0.853	886.27 S.T.U.	Contained
Mill Recovery 88.23%	781.96 S.T.U.	Recovered
G. E. Grade - 90.91%	710.88 S.T.U.	
Secondary Conc.	71.08 S.T.U.	
Chemical Plant Operated on Secondary Concentrates.		
Recovery 95.15% on 71.08 S.T.U. -	67.63 S.T.U.	

Sales - All to General Electric

710.88 S.T.U. @ $19.00	$13,506.72	
Total Sales Tungsten		$13,506.72

Lead Concentrates

Total Sales	$11,882.30
Total Tons Treated	27,470
Tons From DMEA	1,039

$$\frac{1039 \times \$11{,}882.30}{27{,}470} = \$\ 449.42$$

DMEA share of lead concentrates	$ 449.42
Total Income from sale of Minerals	$13,956.14

Royalty @ 5% $697.81

Lead sales include GSA Lead Subsidy
67.63 S.T.U. Synthetic Scheelite in inventory for future sale.

The above production was obtained from subject contract co-mingled with ore from balance of mine.

The production, mill recoveries, chemical plant recovery, average short ton unit price and proceeds, as well as income from lead concentrates, as set forth above, are hereby certified as correct.

TUNGSTEN MINING CORPORATION

W. L. Kendrick

W. L. Kendrick
Vice President & General Manager

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

RECEIVED DEC 18

DATE		
12/17		500
		500
12/18		500
		220

December 14, 1962

Memorandum

To: Fiscal Section, Division of Administrative Services
Office of the Secretary, Department of the Interior
Washington 25, D. C.

From: Robert A. Laurence

Subject: Royalty Payment
DMEA-4216, Idm-E1032 (Tungsten)
Hamme Mine, Vance County, North Carolina
Tungsten Mining Corp.
Revolving Fund - 14X1401

Attached is check number 32385, dated December 12, 1962, in the amount of $709.43, as payment for royalties due for the month of November 1962, under the above contract.

Robert A. Laurence

Attachment
mg
cc - Mr. Geo. C. Selfridge (2)
Mr. Avery Reed
OME Files - Knoxville

Area Code 919
GEneva 8-4139

HOWE SOUND

TUNGSTEN MINING CORPORATION
A SUBSIDIARY OF HOWE SOUND COMPANY
STAR ROUTE 36130 • HENDERSON, NORTH CAROLINA

December 12, 1962

U. S. Department of Interior
O.M.E. Field Office, Region IV
Room 11, P. O. Building
Knoxville 2, Tennessee

RE: DMEA-4216 (Tungsten)
Tungsten Mining Corporation
Hamme Mine, Vance County, N. C.
Contract IDM E1032

Gentlemen:

Enclosed is check for $709.43 as payment for royalties due for month of November 1962 under above contract.

Also attached are two copies of certified statements of calculations of said royalties.

Royalties on all minerals recovered are included as shown in calculations.

There are no stored concentrates of any minerals on hand at end of the month.

Very truly yours,

TUNGSTEN MINING CORPORATION

W. L. Kendrick

W. L. Kendrick
Vice President & General Manager

WLK:mak

RECEIVED
DEC 14 1962
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

TUNGSTEN MINING CORPORATION

DMEA ROYALTIES - NOVEMBER 1962

Tungsten

Ore mined during November 1962.

814 D.S.T. @ 1.020% WO_3	-	830.28 S.T.U. Contained	
Mill Recovery 89.39%	-	742.19 S.T.U. Recovered	
G. E. Grade - 88.44%	-	656.39 S.T.U.	
Secondary Conc. Recovered	-	85.80 S.T.U.	

Chemical Plant operated on secondary concentrates.

Recovery 92.37% on 85.80 S.T.U.	-	79.25 S.T.U. Recovered	

Sales - All to General Electric Company

656.39 S.T.U. @ $19.00	-	$12,471.41	
79.25 S.T.U. @ $18.00	-	1,426.50	
Total Sales	-		$13,897.91

Lead Concentrates

Total Sales	-	$9,989.06
Total Tons Treated	-	27,965
Tons from DMEA		814

$$\frac{814 \times \$9{,}989.06}{27965} = \$290.76$$

DMEA Share of Lead Concentrate	$290.76
Total income from sale of minerals	$14,188.67

Royalty @ 5% - $709.43

The above production was obtained from ore from subject contract co-mingled with ore from balance of mine.

The production, mill recoveries, chemical plant recovery, average short ton unit prices and proceeds, as well as income from lead concentrates as set forth above are hereby certified as correct.

TUNGSTEN MINING CORPORATION

W. L. Kendrick

W. L. Kendrick
Vice President & General Manager

RECEIVED
DEC 14 1962
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

FILE COPY

1962

12/3 800 ~~500~~ 300

November 30, 1962

Memorandum

To: Fiscal Section, Division of Administrative Services
Office of the Secretary, Department of the Interior
Washington 25, D. C.

From: Robert A. Laurence

Subject: Royalty Payment
DMEA-4216, Idm-E1032 (Tungsten)
Hamme Mine, Vance County, North Carolina
Tungsten Mining Corp.
Revolving Fund - 14X4401

Attached is check number 32315, dated November 28, 1962, in the amount of $67.72, in payment of royalties on lead, copper and silver concentrates for period December 1, 1961 through October 31, 1962, under the provisions of the subject contract.

Robert A. Laurence

Attachment
mg
cc - Mr. Geo. C. Selfridge (2)
Mr. Avery Reed, USBM
OME Files - Knoxville

Area Code 919
GEneva 8-4139

HOWE SOUND

TUNGSTEN MINING CORPORATION
A SUBSIDIARY OF HOWE SOUND COMPANY
STAR ROUTE 36130 • HENDERSON, NORTH CAROLINA

November 28, 1962

U. S. Department of Interior
OME Field Office, Region IV
Room 11, Post Office Building
Knoxville, Tennessee

DMEA-4216 (Tungsten)
Tungsten Mining Corporation
Hamme Mine, Vance County, N. C.
Contract IDM E 1032

Gentlemen,

Enclosed is a check for $67.72 as payment due for royalties on lead, copper, silver concentrates for period December 1, 1961 thru October 31, 1962.

Due to an oversight these had been omitted from previous payments.

Also attached are two copies of certified statements of calculations of these royalties.

Future monthly payments shall include royalties on these minerals as well as on Tungsten.

Very truly yours,

TUNGSTEN MINING CORPORATION

W. L. Kendrick

W. L. Kendrick
Vice President & General Manager

WLK:mak

RECEIVED
NOV 30 1962
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

TUNGSTEN MINING CORPORATION

DMEA Contract Idm E1032

Calculation of Royalty on Lead Concentrates

Month	Total D.S.T.	DMEA D.S.T.	Net Smelter Returns from Lead, Silver, Copper Concentrates
December '61	26,374	348	Shipped in January 1962
January '62	28,278	337	$ 15,934.33
February	25,705	418	12,815.42
March	27,108	160	7,449.22
April	25,657	269	11,512.73
May	27,917	410	5,588.70
June	26,845	297	11,826.94
July	21,639	219	7,449.56
August	27,795	346	6,971.74
September	27,164	352	9,131.43
October	28,655	417	22,444.76 *
Total	293,137	3,573	$111,124.83

* Includes $11,708.58 GSA Lead Subsidy Payment for first nine months of 1962.

Calculation of Royalty

$$\frac{111,124.83}{293,137} \times 3573 = \$1,354.49$$

Royalty @ 5% = $67.72

The above production was obtained from ore from subject contract comingled with ore from balance of mine.

The tonnages from entire mine, contract area and net smelter returns as shown above are certified as correct.

TUNGSTEN MINING CORPORATION

W. L. Kendrick

W. L. Kendrick
Vice President & General Manager

RECEIVED
NOV 30 1962
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

Area Code 919
GEneva 8-4139

HOWE SOUND

TUNGSTEN MINING CORPORATION
A SUBSIDIARY OF HOWE SOUND COMPANY
STAR ROUTE 36130 • HENDERSON, NORTH CAROLINA

March 13, 1963

U. S. Department of Interior
O.M.E. Field Office, Region IV
Room 11, P. O. Building
Knoxville 2, Tennessee

RE: DMEA - 4216 (Tungsten)
Tungsten Mining Corporation
Hamme Mine, Vance Co., N. C.
Contract IDM-E1032

Gentlemen:

Enclosed is a check for $278.87 as payment for royalties due for the month of February 1963 under above contract.

Also attached are two copies of certified statements of calculations of said royalties.

Very truly yours,

TUNGSTEN MINING CORPORATION

W. L. Kendrick

W. L. Kendrick
Vice President & General Manager

WLK:mak

Enclosures

RECEIVED
MAR 15 1963
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

OFFICIAL FILE COPY
O. M. E
RECEIVED NOV 19 1962

DATE	INITIALS	CODE
11/19	[illegible]	800
	Trayner	500
11/20	[illegible]	500
		220

November 16, 1962

Memorandum

To: Fiscal Section, Division of Administrative Services
Office of the Secretary, Department of the Interior
Washington 25, D. C.

From: Robert A. Laurence

Subject: Royalty Payment
DMEA-4216, Idm-E1032 (Tungsten)
Hamme Mine, Vance County, North Carolina
Tungsten Mining Corp.
Revolving Fund - 14X1401

Attached is check number 32238, dated November 14, 1962, in the amount of $573.36, in payment of royalty on ore mined in October 1962, under the provision of the subject contract.

Robert A. Laurence

Attachment
mg
cc Mr. George C. Selfridge (2)
Mr. Avery Reed, USBM
OME Files - Knoxville

Area Code 919
GEneva 8-4139

HOWE SOUND

TUNGSTEN MINING CORPORATION
A SUBSIDIARY OF HOWE SOUND COMPANY
STAR ROUTE 36130 • HENDERSON, NORTH CAROLINA

November 14, 1962

U. S. Department of Interior
O.M.E. Field Office, Region IV
Room 11, P. O. Building
Knoxville, Tennessee

RE: DMEA - 4216 (Tungsten)
Tungsten Mining Corporation
Hamme Mine, Vance County, N. C.
Contract Idm E 1032

Gentlemen,

Enclosed is check for $573.36 as payment due for royalties under above contract for month of October.

Also attached are two copies of certified statements of calculations of said royalties.

All of the stored secondary concentrates have been converted to synthetic scheelite and sold during October so there is no inventory of DMEA units.

Very truly yours,

TUNGSTEN MINING CORPORATION

W. L. Kendrick

W. L. Kendrick
Vice President & General Manager

WLK:mak

RECEIVED
NOV 16 1962
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

TUNGSTEN MINING CORPORATION

DMEA ROYALTIES - OCTOBER 1962

Ore Mined During October 1962

417 D.S.T. @ 0.957% WO_3	-	399.07 S.T.U. Contained
Mill Recovery 89.91%	-	358.80 S.T.U. Recovered
G. E. Grade Recovered 89.38%	-	320.70 S.T.U.
Secondary Concentrates Recovered	-	38.10 S.T.U.

Chemical Plant Operated on Secondary Concentrates.
Recovery 93.94%

Secondary Concentrate on hand October 1	279.71
Secondary Concentrate Recovered October	38.10
Secondary Concentrate - Total	317.81

All treated 317.81 @ 93.94% = 298.55 S.T.U. as Synthetic Scheelite.

Sales, all to General Electric

320.70 S.T.U. G. E. Grade @ $19.00	=	$6,093.30
298.55 S.T.U. Scheelite @ $18.00	=	5,373.90
Total Sales		$11,467.20
Royalty @ 5%	=	$ 573.36

This eliminates all stored DMEA Units from Inventory.

The above production was obtained from ore from subject contract co-mingled with ore from balance of the mine.

The production, mill recoveries, chemical plant recoveries, average short ton unit prices and proceeds as set forth above are certified as correct.

TUNGSTEN MINING CORPORATION

W. L. Kendrick

W. L. Kendrick
Vice President & General Manager

RECEIVED
NOV 16 1962
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

OFFICIAL FILE COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

10/10 8.00
" 5.00
" 2.20

October 8, 1962

Memorandum

To: Fiscal Section, Division of Administrative Services
Office of the Secretary, Department of the Interior
Washington 25, D. C.

From: Robert A. Laurence

Subject: Royalty Payment
DMFA-4216, Idm-E1032 (Tungsten)
Hamme Mine, Vance County, North Carolina
Tungsten Mining Corp.
Revolving Fund - 14X4401

Attached is check number 32012, dated October 5, 1962, in the amount of $293.92, in payment of royalty on ore mined in September 1962, under the provision of the subject contract.

Robert A. Laurence

Attachment
mg
cc - Mr. George C. Selfridge (2)
Mr. Avery Reed, USBM
OME Files - Knoxville

Area Code 919
GEneva 8-4139

HOWE SOUND

TUNGSTEN MINING CORPORATION

A SUBSIDIARY OF HOWE SOUND COMPANY

STAR ROUTE 36130 • HENDERSON, NORTH CAROLINA

October 5, 1962

OFFICIAL FILE COPY
O. M. E
RECEIVED OCT 10 1962

DATE		CODE
10/10		800 500

U. S. Department of Interior
O.M.E. Field Office, Region IV
Room 11, P. O. Building
Knoxville 2, Tennessee

Re: DMEA 4216 (Tungsten)
Tungsten Mining Corporation
Hamme Mine, Vance County, N. C.
Contract Idm E 1032

Gentlemen,

Enclosed is check for $293.92 as payment due for royalties under above contract for month of September 1962.

Also attached are two copies of certified statements of calculations of said royalties.

Very truly yours,

W. L. Kendrick

W. L. Kendrick
Vice President & General Manager

WLK:mak

Enclosures

RECEIVED
OCT 8 1962
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

TUNGSTEN MINING CORPORATION
DMEA ROYALTIES - SEPTEMBER 1962

Ore Mined During September 1962

352 DST @ 1.082% WO_3	380.86 STU contained
Mill Recovery 90.36%	344.15 STU recovered
G. E. Grade Recovered 89.90%	309.39 STU @ $19.00
Secondary Concentrates Recovered	34.76 STU

All G. E. Grade Concentrates shipped to General Electric Company, Cleveland, Ohio.

309.39 STU @ $19.00	-	$5,878.41
Royalty @ 5%		$ 293.92

Secondary Concentrate stored for future treatment	34.76 STU
Total Secondary Concentrate in storage	279.71 STU

The above production was obtained from ore from subject contract commingled with ore from balance of mine.

The production, mill recovery, average short ton unit price and proceeds as set forth above are certified as correct.

TUNGSTEN MINING CORPORATION

W. L. Kendrick

W. L. Kendrick
Vice President & General Manager

RECEIVED
OCT 8 1962
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

OFFICIAL FILE COPY
O. M. E.
RECEIVED SEP 24 1962

DATE	MINERALS	CODE
9/24	Received	800
"	Hall S.P.H	500
		500
		220

September 20, 1962

Memorandum

To: Fiscal Section, Division of Administrative Services
Office of the Secretary, Department of ~~the Interior~~
Washington 25, D. C.

From: Robert A. Laurence

Subject: Royalty Payment
DMEA-4216, Contract IDM-E 1032 (Tungsten)
Tungsten Mining Corporation
Hamme Mine, Vance County, N. C.

Attached is check number 31937, dated September 18, 1962, in the amount of $229.83, in payment of royalty on ore mined in August 1962, under the provision of the subject contract.

Robert A. Laurence

Attachment
cc: Selfridge (2)

TUNGSTEN MINING CORPORATION

DMEA ROYALTIES - AUGUST 1962

Ore Mined During August 1962

346 D.S.T. @ 0.870% WO_3	=	301.02 S.T.U. Contained
Mill Recovery 89.62%	=	269.77 S.T.U. Recovered
G. E. Grade Recovered 89.68%	=	241.93 S.T.U. @ $19.00
Secondary Concentrates Recovered		27.84 S.T.U.

All G. E. Concentrates shipped to General Electric, Cleveland, Ohio

241.93 S.T.U. @ $19.00	=	$4,596.67
Royalty @ 5%	=	$ 229.83

Secondary Concentrates stored for future treatment	27.84 S.T.U.
Total Secondary Concentrates in Storage	244.95 S.T.U.

The above production was obtained from ore from subject contract, comingled with ore from balance of mining area.

The production, mill recovery, average short ton unit price and proceeds as set forth above are certified as correct.

TUNGSTEN MINING CORPORATION

W. L. Kendrick

W. L. Kendrick
Vice President & General Manager

RECEIVED
SEP 20 1962
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

OFFICIAL FILE COPY
O. M. E.
RECEIVED AUG 15 1962

DATE		
8/15	4007	8.00
"	Brewer	5.00
8/16	~~Holt~~ S.P.H	5.00
		2.20

August 13, 1962

Memorandum

To: Fiscal Section, Division of Administrative Services
Office of the Secretary, Department of the Interior
Washington 25, D. C.

From: Robert A. Laurence

Subject: Royalty Payment
DMEA-4216, Idm-81032 (Tungsten)
Hamme Mine, Vance County, North Carolina
Tungsten Mining Corp.
Revolving Fund - 14X4401

Attached is check No. 31710, dated August 9, 1962, from the Tungsten Mining Corporation, in the amount of $132.67, in payment for royalty due for the month of July 1962, on production from the land subject

Robert A. Laurence

Attachment

mg
cc Mr. George C. Selfridge (2)
Mr. Avery Reed, USBM
OME Files - Knoxville

Area Code 919
GEneva 8-4139

HOWE SOUND

TUNGSTEN MINING CORPORATION
A SUBSIDIARY OF HOWE SOUND COMPANY
STAR ROUTE 36130 • HENDERSON, NORTH CAROLINA

August 9, 1962

U. S. Department of Interior
OME Field Office Region IV
Room 11, P. O. Building
Knoxville 2, Tennessee

RE: DMEA - 4216 (Tungsten)
Tungsten Mining Corporation
Hamme Mine, Vance County, N.C.
Contract Idm - E1032

Gentlemen:

Enclosed is a check for $132.67 as payment due for royalties under the above contract for the month of July 1962. Also attached are two copies of certified statements of calculations of said royalties.

Very truly yours,

W. L. Kendrick
Vice President & General Manager

WLK:rmd

Enclosures

RECEIVED
AUG 13 1962
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

TUNGSTEN MINING CORPORATION
Henderson, North Carolina

DMEA ROYALTIES - JULY 1962

Ore Mined During July 1962		
219 D.S.T. @ 0.804	=	176.08 S.T.U. Contained
Mill Recovery 87.76%		154.53 S.T.U. Recovered
G. E. Grade 90.37% of Recovered		139.65 S.T.U. @ $19.00
Secondary Concentrates Recovered		14.88 S.T.U.

All G. E. Grade Concentrates shipped to General Electric Company, Cleveland, Ohio.

139.65 S.T.U. @ $19.00	=	$2,653.35
Royalty @ 5%	=	$ 132.67

Secondary Concentrates stored for future treatment	14.88 S.T.U.
Total Secondary Concentrates in storage	217.11 S.T.U.

The above production was obtained from ore from the subject contract, comingled with ore from the balance of the mining area.

The production, mill recovery, average short ton unit price and proceeds as set forth above are certified as correct.

TUNGSTEN MINING CORPORATION

W. L. Kendrick

W. L. Kendrick
Vice President & General Manager

RECEIVED
AUG 13 1962
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

OFFICIAL FILE COPY
O. M. E.
RECEIVED JUL 18 1962

DATE	INITIALS	AMOUNT
7/18	[illegible]	800
"	[illegible]	500
"	[illegible]	500
		220

July 16, 1962

Memorandum

To: Fiscal Section, Division of Administrative Services
Office of the Secretary, Department of the Interior
Washington 25, D. C.

From: Robert A. Laurence
U. S. Geological Survey
Knoxville 2, Tennessee

Subject: Royalty Payment
DMEA-4216, Idm-E1032 (Tungsten)
Hamme Mine
Tungsten Mining Corp.
Vance County, North Carolina
Revolving Fund - 14X4401

Attached is check No. 31539, dated July 13, 1962, from the Tungsten Mining Corporation, in the amount of $660.39, in payment for royalty due - April 1 to June 30, 1962 - on production from the land subject to the above contract.

Robert A. Laurence

mg
Attachment
cc - Mr. George C. Selfridge (2)
Mr. Avery Reed, USBM
OME Files - Knoxville

Area Code 919
GEneva 8-4139

HOWE SOUND

TUNGSTEN MINING CORPORATION
A SUBSIDIARY OF HOWE SOUND COMPANY
STAR ROUTE 36130 • HENDERSON, NORTH CAROLINA

July 13, 1962

U. S. Department of Interior
O.M.E. Field Office Region IV
Room 11, Post Office Building
Knoxville 2, Tennessee

RE: D.M.E.A - 4216 (Tungsten)
Tungsten Mining Corporation
Hamme Mine, Vance Co., North Carolina
Contract Idm-E1032

Gentlemen:

Enclosed is a check for $660.39 as payment due for royalties under above contract for the period April 1 to June 30, 1962. Also attached are two certified statements of calculations of said royalty.

Future payments will be made each month as requested by the Washington Office.

Very truly yours,

W. L. Kendrick

W. L. Kendrick
Vice President & General Manager

WLK:rmd

Enclosure

RECEIVED
JUL 16 1962
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

TUNGSTEN MINING CORPORATION
Henderson, North Carolina

DMEA Royalties - April 1, 1962 - June 30, 1962

April 1962			
Mined - 269 D.S.T. @ 0.877% WO_3	=	235.91 S.T.U. Contained	
Mill Recovery - 87.72% of	=	206.94 S.T.U. Recovered	
G. E. Grade - 88.61% of Recovered	=	183.37 @ $20.75	
Secondary Concentrates Recovered			23.57 S.T.U.
May 1962			
Mined - 410 D.S.T. @ 0.940% WO_3	=	385.40 S.T.U. Contained	
Mill Recovery - 86.22%	=	332.29 S.T.U. Recovered	
G. E. Grade - 89.66% of Recovered	=	297.93 @ $19.70	
Secondary Concentrates Recovered			34.36 S.T.U.
June 1962			
Mined - 297 D.S.T. @ 0.801% WO_3	=	237.90 S.T.U. Contained	
Mill Recovery - 86.86%	=	206.64 S.T.U. Recovered	
G. E. Grade - 90.00% of Recovered	=	185.98 @ $19.00	
Secondary Concentrates Recovered			20.66 S.T.U.
Total G. E. Grade Recovered	-	667.28 S.T.U.	
Total Secondary Concentrate Recovered	-		78.59 S.T.U.

All G. E. Grade Concentrates shipped to General Electric Company, Cleveland, Ohio.

April	183.37 S.T.U.	@	$20.75	$ 3,804.93
May	297.93 S.T.U.	@	19.70	5,869.22
June	185.98 S.T.U.	@	19.00	3,533.62
	667.28 S.T.U.			$13,207.77

Royalty at 5% = $660.39

Secondary Concentrates stored for further future treatment.

To April 1, 1962	123.64 S.T.U.	@	30.48% WO_3
April	23.57 S.T.U.	@	30.90% WO_3
May	34.36 S.T.U.	@	28.80% WO_3
June	20.66 S.T.U.	@	27.66% WO_3
Total to Date	202.23 S.T.U.	@	29.96% WO_3

The above production was obtained from ore from the subject contract, comingled with ore from the balance of the mining area.

The production, mill recovery, average short ton unit prices and proceeds as set forth above are certified as correct.

TUNGSTEN MINING CORPORATION

W. L. Kendrick

W. L. Kendrick
Vice President & General Manager

RECEIVED
JUL 16 1962
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

TUNGSTEN MINING CORPORATION
STAR ROUTE 36130
HENDERSON, N. C.
TELEPHONE NO. GENEVA 8-4139

OFFICIAL FILE COPY
O. M. E
RECEIVED JUN 25 1962

DATE	INITIALS	CODE
6/26	[illegible]	800
		500

June 22, 1962

Mr. George Fumick, Jr., Director
Office of Minerals Exploration
U.S. Department of the Interior
Washington 25, D. C.

RE: DMEA - 4216 (Tungsten)
Tungsten Mining Corporation
Hamme Mine - Vance County
North Carolina
Contract Idm E1032

Dear Mr. Fumick:

Enclosed are two certified copies of production, etc., from the above subject contract as requested in your letter of June 20.

One question, should we continue to send the statements and payments to Knoxville office or direct to your office?

Very truly yours,

W. L. Kendrick

W. L. Kendrick
Vice President & General Manager

WLK:rmd

Enclosures

TUNGSTEN MINING CORPORATION
Henderson, North Carolina

DMEA Royalties - March 1, 1961 - March 31, 1962

December	No Mining until December 1961		
Mined - 348 D.S.T. @ 0.824% WO_3	=	286.75 S.T.U. Contained	
Mill Recovery - 85.91%	=	246.25 S.T.U. Recovered	
G. E. Grade - 85.93% of Recovered	=	211.69 S.T.U. @ $20.50	
Secondary Concentrates Recovered			34.66 S.T.U.
January			
Mined - 337 D.S.T. @ 0.690% WO_3	=	232.53 S.T.U. Contained	
Mill Recovery - 88.02%	=	204.67 S.T.U. Recovered	
G. E. Grade - 88.10% of Recovered	=	180.31 S.T.U. @ $21.56	
Secondary Concentrates Recovered			24.36 S.T.U.
February			
Mined - 418 D.S.T. @ 0.991% WO_3	=	414.24 S.T.U. Contained	
Mill Recovery - 89.29%	=	369.87 S.T.U. Recovered	
G. E. Grade - 87.43% of Recovered	=	323.38 S.T.U. @ $22.00	
Secondary Concentrates			46.49 S.T.U.
March			
Mined - 160 D.S.T. @ 1.26% WO_3	=	201.60 S.T.U. Contained	
Mill Recovery - 87.98%	=	177.37 S.T.U. Recovered	
G. E. Grade - 89.78% of Recovered	=	159.24 S.T.U. @ $20.35	
Secondary Concentrates			18.13 S.T.U.
Total G. E. Grade - Recovered	-	874.62 S.T.U.	
Total Secondary Concentrates Recovered	-		123.64 S.T.U.

All G. E. Grade Concentrates shipped to General Electric Company, Cleveland, Ohio,

December	211.69 S.T.U.	@	$20.50	$ 4,339.65
January	180.31 S.T.U.	@	21.56	3,887.48
February	323.38 S.T.U.	@	22.00	7,114.36
March	159.24 S.T.U.	@	20.35	3,240.53
	874.62			$18,583.02

Royalty at 5% = $929.15

Secondary Concentrates stored for future further treatment or sale. This is a low middling product.

December	34.66 S.T.U.	@	28.59% WO_3		
January	24.36 S.T.U.	@	33.88% WO_3		
February	46.49 S.T.U.	@	30.14% WO_3		
March	18.13 S.T.U.	@	30.43% WO_3		
	123.64 S.T.U.		30.48% WO_3	=	4.56 ST.

The above production was obtained from ore from subject contract comingled with ore from the balance of the mining area.

The production, mill recovery, average short ton unit prices and proceeds as set forth above are certified as correct.

TUNGSTEN MINING CORPORATION

W. L. Kendrick

W. L. Kendrick
Vice President & General Manager

TUNGSTEN MINING CORPORATION

STAR ROUTE 36130

HENDERSON, N. C.

TELEPHONE NO. GENEVA 8-4139

RECEIVED
MAY 3 - 1962
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

DMEA Royalties - March 1, 1961 - March 31, 1962

December	No mining until December 1961			
Mined - 348 D.S.T. @ 0.824% WO_3	=	286.75 S.T.U. Contained		
Mill Recovery - 85.91%	=	246.25 S.T.U. Recovered		
G. E. Grade - 85.93% of Recovered	=	211.69 S.T.U. @ $20.50		
Secondary Concentrates Recovered				34.66 S.T.U.
January				
Mined - 337 D.S.T. @ 0.690% WO_3	=	232.53 S.T.U. Contained		
Mill Recovery - 88.02%	=	204.67 S.T.U. Recovered		
G. E. Grade - 88.10% of Recovered	=	180.31 S.T.U. @ $21.56		
Secondary Concentrates Recovered				24.36 S.T.U.
February				
Mined - 418 D.S.T. @ 0.991% WO_3	=	414.24 S.T.U. Contained		
Mill Recovery - 89.29%	=	369.87 S.T.U. Recovered		
G. E. Grade - 87.43% of Recovered	=	323.38 S.T.U. @ $22.00		
Secondary Concentrates				46.49 S.T.U.
March				
Mined - 160 D.S.T. @ 1.26% WO_3	=	201.60 S.T.U. Contained		
Mill Recovery - 87.98%	=	177.37 S.T.U. Recovered		
G. E. Grade - 89.78% of Recovered	=	159.24 S.T.U. @ $20.35		
Secondary Concentrates				18.13 S.T.U.
Total G. E. Grade - Recovered	-	874.62 S.T.U.		
Total Secondary Concentrates Recovered	-			123.64 S.T.U.

All G. E. Grade Concentrates shipped to General Electric Company, Cleveland, Ohio,

December	211.69 S.T.U.	@	$20.50	$ 4,339.65
January	180.31 S.T.U.	@	21.56	3,887.48
February	323.38 S.T.U.	@	22.00	7,114.36
March	159.24 S.T.U.	@	20.35	3,240.53
	874.62			$18,583.02

Royalty at 5% = $929.15

Secondary Concentrates stored for future further treatment or sale. This is a low middling product.

December	34.66 S.T.U.	@	28.59% WO_3		
January	24.36 S.T.U.	@	33.88% WO_3		
February	46.49 S.T.U.	@	30.14% WO_3		
March	18.13 S.T.U.	@	30.43% WO_3		
	123.64 S.T.U.	@	30.48% WO_3	=	4.56 ST.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

OFFICIAL FILE COPY
O. M. E
RECEIVED MAY 4 1962

May 3, 1962

5/4 WOS 400
~~5/9~~ 5/17 Hoe 5.PH 500 500 ✓

Memorandum

To: Fiscal Section, Division of Administrative Services
Office of the Secretary, Department of the Interior
Washington 25, D. C.

From: Robert A. Laurence
U. S. Geological Survey
Room 11, Post Office Bldg.
Knoxville 2, Tennessee

Subject: Royalty Payment
DMEA-4216, Idm-E1032 (Tungsten)
Hamme Mine
Tungsten Mining Corp.
Vance County, North Carolina
Revolving Fund - 14X4401

Attached is check No. 31173, dated May 1, 1962, from the Tungsten Mining Corporation, in the amount of $929.15, in payment for royalty due - March 1, 1961 - March 31, 1962 - on production from the land subject to the above contract.

Robert A. Laurence

mg
Attachment
cc - Mr. George C. Selfridge (2)
OME Files - Knoxville

TUNGSTEN MINING CORPORATION

STAR ROUTE 36130

HENDERSON, N. C.

TELEPHONE NO. GENEVA 8-4139

RECEIVED

DMEA Royalties - March 1 1961 - March 30 1962

December			
Mined [illegible]	=	[illegible] S.T.U. Contained	
Mill Recovery [illegible]	=	[illegible] S.T.U. Recovered	
C. F. Grade [illegible] Recovered	=	[illegible] S.T.U. @ $20.50	
Secondary Concentrates Recovered			34.66 S.T.U.
January			
Mined [illegible]	=	[illegible] S.T.U. Contained	
Mill Recovery - 68.02%	=	204.67 S.T.U. Recovered	
C. F. Grade [illegible] Recovered	=	[illegible] S.T.U. @ $21.56	
Secondary Concentrates Recovered			24.36 S.T.U.
February			
Mined [illegible]	=	[illegible] S.T.U. Contained	
Mill Recovery [illegible]	=	[illegible] S.T.U. Recovered	
C. F. Grade [illegible] Recovered	=	[illegible] S.T.U. @ $22.00	
Secondary Concentrates			46.49 S.T.
March			
Mined [illegible]	=	[illegible] S.T.U. Contained	
Mill Recovery [illegible]	=	[illegible] S.T.U. Recovered	
C. F. Grade [illegible] Recovered	=	[illegible] S.T.U. @ $20.35	
Secondary Concentrates			18.13 S.T.U.
Total C. F. Grade - Recovered	=	[illegible] S.T.U.	
Total Secondary Concentrates Recovered	=		123.64 S.T.U.

A. [illegible] Company, Cleveland, Ohio.

December	[illegible]	@ $21.50	$ 4,339.65
January	181.31 S.T.U.	@ 21.56	3,887.48
February	323.38 S.T.U.	@ 22.00	7,114.36
March	[illegible] S.T.U.	@ [illegible]	3,240.53
	[illegible]		$18,583.02

[illegible]

Secondary Concentrates [illegible] for treatment or sale. This is a low middling [illegible]

December	[illegible] S.T.U.	@ [illegible]	
January	[illegible] S.T.U.	@ [illegible]	
February	[illegible] S.T.U.	@ [illegible]	
March	[illegible] S.T.U.	@ [illegible]	
	[illegible] S.T.U.	[illegible]	4.56 ST

June 12, 1959

Memorandum

To: Finance Officer, OME (Region V-Norris, Tennessee)

From: Acting Executive Officer, OME - Region V - Knoxville

Subject: Royalty Payment - DMEA-4216, Idm-E1032(tungsten)
Tungsten Mining Corporation, Henderson, N.C.
Hamme Mine, Vance County, N.C.

Attached is a check from the subject operator in the amount of $2.52 as per the Royalty Review of May 15, 1959.

V. J. Lynch

OFFICIAL FILE COPY O. M. E. RECEIVED JUN 15 1959		
DATE	INITIALS	CODE
6/15	G	220
6/15	WSM	400

zm.
cc
Ed. Talbert
Lynch
Files

VJL
RAL

TUNGSTEN MINING CORP.

Star Route 36130
Henderson, N. C.
TELEPHONE NO. GE 8-4139

June 9, 1959

Robert A. Laurence, Executive Office
O M E Field Team, Region V
Office of Minerals Exploration
Room 2-B
Post Office Bldg.
Knoxville 2, Tenn.

Dear Mr. Laurence:

RE: DMEA 4216 (Tungsten)
Idm-E 1032
Hamme Mine
Vance County, N.C.

We are attaching our check for two dollars and fifty-two cents ($2.52) in payment for royalty due on the subject contract.

As we advised you in our letter of June 1, 1959, we agree that this payment is in order and trust it has not inconvenienced you.

Yours very truly,

TUNGSTEN MINING CORP.

A. M. Szynklewski

A. M. Szynklewski,
Chief Engineer

AMS/es
Enc.

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O. M. E.
RECEIVED JUN 15 1959
DATE | INITIALS | CODE

RECEIVED
JUN 11 1959
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 10 1958
DATE | INITIALS | CODE
7/7 | C | 220
WSM | 400

RP

July 2, 1958

Memorandum

To: Finance Officer, Region V (DMEA) Norris, Tennessee

From: Executive Officer, DMEA - Region V - Knoxville, Tenn.

Subject: Royalty Payment - DMEA-4216, Idm-E1032(tungsten) Tungsten Mining Corp. Hamme Mine, Vance County, North Carolina.

Transmitted are sale invoices for January and May, 1958 for sales from the subject project in the amount of $821.88 and their check for 5% royalty in the amount of $41.09.

Robert A. Laurence

cc
Mittendorf
Lynch
Files
Burmeister

Royalty

TUNGSTEN MINING CORPORATION

CALCULATION OF GOVERNMENT ROYALTY

January 1958

1016.715 STU @ $17.50	$17,792.51
986.558 STU @ 17.50	17,264.77
950.451 STU @ 17.50	16,632.89
962.622 STU @ 17.50	16,845.89
3,916.346 STU @ $17.50	$68,536.06 - To Wah Chang Corp.

1046.3163 STU @ $22.00	23,018.96
1063.2756 STU @ 22.00	23,392.06
1052.3053 STU @ 22.00	23,150.72
1053.9762 STU @ 22.00	23,187.48
1052.1764 STU @ 22.00	23,147.88
1062.5363 STU @ 22.00	23,375.80
1065.5254 STU @ 22.00	23,441.56
1048.1162 STU @ 22.00	23,058.56
1057.7048 STU @ 22.00	23,269.51
1047.5267 STU @ 22.00	23,045.59
1069.7358 STU @ 22.00	23,534.19
1074.5248 STU @ 22.00	23,639.55
1073.4641 STU @ 22.00	23,616.21
1082.4851 STU @ 22.00	23,814.67
1061.7863 STU @ 22.00	23,359.30
39.2551 STU @ 22.08	866.75
1045.4581 STU @ 21.93	22,926.90
1080.5244 STU @ 21.93	23,695.90
1075.5640 STU @ 21.93	23,587.12
1118.2458 STU @ 21.93	24,523.13
180.2077 STU @ 21.93	3,951.95
877.0683 STU @ 21.055	18,466.67
1071.0750 STU @ 21.055	22,551.48
22,398.8537 STU @ $21.9039	$490,621.94 - To General Electric Co.

3,916.3460 STU To Wah Chang Co. @ $17.50 Average January price
22,398.8537 STU To General Electric Co. @ $21.9039 Average January price
26,315.1997 STU @ $21.2485 Average January Price

May 1958

1071.3643 STU @ $20.43	$21,887.97
1080.3744 STU @ $20.43	22,072.05
1070.7644 STU @ 20.43	21,875.72
1082.4742 STU @ 20.43	22,114.95
1077.6854 STU @ 20.43	22,017.11
1083.9741 STU @ 20.43	22,145.59
6,466.6368 STU @ $20.43	$132,113.39 - To General Electric Co.

6,466.6368 STU @ $20.43 - Average May Price

January DMEA Production:	39.33 STU @ $21.2485	(Average January Price)
May DMEA Production:	1.64 STU @ $20.43	(Average May Price)
	40.97 STU @ $20.0605	- Average Price

40.97 STU X $20.0605 = $821.88
821.88 X 5% = $41.09 - Amount of Government Royalty

I hereby certify that sales of tungsten concentrates made for the period January 1958 through June 1958 and the respective short ton unit revenue prices received by Tungsten Mining Corporation are correctly set forth by the above statement and witnessed by the attached invoice statements and that the respective short ton units produced by the ore obtained from Defense Minerals Exploration Project for this period January 1958/June 1958 are within the respective short ton units sold.

TUNGSTEN MINING CORPORATION

By J. R. Sweet
J. R. Sweet
Vice President & General Manager

6/30/58
GVB/hs

TUNGSTEN MINING CORPORATION

SOURCE OF DMEA PRODUCTION

	PROJECT A		PROJECT B		PROJECT C		PROJECT D		TOTAL		STU
	Wet Tons	Grade	Wet Tons	Grade	Wet Tons	Grade	Wet Tons	Grade	Wet Tons	Grade	Recovered
January 1958	12	0.41	-	-	-	-	166	0.25	178	0.26	39.33
February 1958	-	-	-	-	-	-	-	-	-	-	-
March 1958	-	-	-	-	-	-	-	-	-	-	-
April 1958	-	-	-	-	-	-	-	-	-	-	-
May 1958	28	0.07	-	-	-	-	-	-	28	0.07	1.64
June 1958	-	-	-	-	-	-	-	-	-	-	-
Total	40	0.17	-	-	-	-	166	0.25	206	0.23	40.97

6-28-58
GVB/jrc

TUNGSTEN MINING CORP.
BOX 931
HENDERSON, N. C.
TELEPHONE NO. 4139

June 30, 1958

Mr. Robert A. Laurence
Executive Officer
DMEA Field Team
Region 5
Room 13
Post Office Building
Knoxville 2, Tennessee

Re: DMEA 4216
Idm-E-1032 (Tungsten)
Hamme Mine
Vance Count, North Carolina

Dear Mr. Laurence:

Attached hereto is our check in the amount of Forty-One dollars and Nine Cents ($41.09) for payment of Government royalty on the tungsten ore produced through DMEA Project 4216 from Jan. 1, 1958 through June 30, 1958.

Supporting papers also attached include:

(1) Calculations for Government royalty with copies of sales invoices for January and May 1958.

(2) Source of DMEA production.

There was no ore production from the project for the months of February, March, April, and June 1958.

This payment is the final payment for royalty on the exploration work under this Project.

Yours very truly,

TUNGSTEN MINING CORPORATION

G. V. Boyd

G. V. Boyd

RECEIVED
JUL 2 - 1958
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

GVB/mlb

Encls.

Shown to C.J. Muttendorf

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 13 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

January 30, 1958

Memorandum

To: Finance Officer - Region V - (DMEA)

From: Executive Officer, DMEA - Region V - Knoxville, Tenn.

Subject: Royalty Payment - Idm-E1032, DMEA-4216 (tungsten)
Hamme Mine, Vance County, North Carolina
Tungsten Mining Company, Henderson, N.C. Operators.

Transmitted are calculations with copies of sales invoices for September, October, November and December from the subject Operator totalling $19,802.91 and their check for 5% royalty in the amount of $990.15 to be credited to their account.

Robert A. Laurence

Royalty

sm.

enc:-2
calculation sheets
Check no. 24632
dated 1-28-58

OFFICIAL FILE COPY
DMEA
RECEIVED FEB 3 1958

DATE	INITIALS	CODE
2/3	C	220
	WSM	400

TUNGSTEN MINING CORP.

BOX 931

HENDERSON, N. C.

TELEPHONE NO. 4139

January 28, 1958

OFFICIAL
DME
RECEIVED FEB
DATE | INITIALS | CODE

Mr. Robert A. Laurence,
Executive Officer
DMEA Field Team
Region 5
Room 13
Post Office, Building
Knoxville 2, Tenn.

Re: DMEA - 4216
IDM-E-1032 (Tungsten)
Hamme Mine
Vance County, North Carolina

Dear Mr. Laurence:

Attached hereto is our check in the amount of nine hundred and ninety dollars and fifteen cents ($990.15) for payment of Government royalty on the tungsten ore produced through DMEA Project 4216 from September 1, 1957 through December 31, 1957.

Supporting papers also attached include:

(1) Calculations for Government royalty with copies of sales invoices for September, October, November, and December 1957.

(2) Source of DMEA Production.

There was production from the project in each of the months September 1957 through December 1957.

Yours very truly,

TUNGSTEN MINING CORPORATION

G.V. Boyd

RECEIVED

GVB/mlb

Encls.

TUNGSTEN MINING CORPORATION

CALCULATION OF GOVERNMENT ROYALTY

September 1957

1,068.6932 STU	@ $22.00	$23,467.23	
1,061.4566 STU	@ 22.00	23,352.05	
1,080.4793 STU	@ 22.00	23,770.54	
1,081.8905 STU	@ 22.00	23,801.59	
1,065.0340 STU	@ 22.00	23,430.75	
1,073.8178 STU	@ 22.00	23,623.99	
1,107.9770 STU	@ 22.00	24,375.49	
1,079.3658 STU	@ 22.00	23,746.05	
1,086.3047 STU	@ 22.00	23,898.70	
9,705.0189 STU	@ $22.00	$213,466.39	- To General Electric Co.

9,705.0189 STU @ $22.00 = Average September Selling Price

October 1957

1,117.3506 STU	@ $22.33	$24,950.44	
1,112.9502 STU	@ 22.33	25,075.48	
1,091.0029 STU	@ 22.33	24,362.09	
1,132.7094 STU	@ 22.33	25,293.40	
1,124.2188 STU	@ 22.33	25,103.81	
1,121.9454 STU	@ 22.33	25,053.04	
1,129.9783 STU	@ 22.33	25,232.42	
1,132.2294 STU	@ 22.33	25,282.68	
1,081.3439 STU	@ 22.00	23,789.57	
1,075.7166 STU	@ 22.00	23,665.77	
1,084.0679 STU	@ 22.00	23,849.49	
1,072.1157 STU	@ 22.00	23,586.55	
1,084.3094 STU	@ 22.00	23,854.81	
1,080.2062 STU	@ 22.00	23,764.54	
15,440.1447 STU	@ $22.06	$342,864.09	- To General Electric Co.
988.4980 STU	@ $19.25	$19,028.59	
1,007.4890 STU	@ 19.25	19,394.16	
1,064.1820 STU	@ 19.25	20,485.50	
1,042.9760 STU	@ 19.25	20,077.29	
970.8450 STU	@ 19.25	18,688.77	
5,073.9900 STU	@ $19.25	$97,674.31	- To Wah Chang Corp.

15,440.1447 STU @ $22.06 to G.E. - Average October price
5,073.9900 STU @ $19.25 to Wah Chang - Average October price
20,514.1347 STU @ $21.47 Average October Price

November 1957

1,028.1506 STU	@ $22.18	$22,804.38
27.6150 STU	@ 22.33	616.64
1,057.2654 STU	@ 22.18	23,450.15
1,063.5756 STU	@ 22.18	23,590.11
1,048.7056 STU	@ 22.18	23,260.29

November 1957 Continued

1,049.4661 STU @ $22.18	$23,277.16		
1,057.8654 STU @ 22.18	23,463.45		
694.9713 STU @ 22.18	15,414.46		
369.8042 STU @ 22.08	8,165.28		
7,397.4192 STU @ $22.18	$164,041.92	To General Electric Co.	
282.0600 STU @ $21.93	6,185.58	To Reading Chemicals	

7,397.4192 STU to GE @ $22.18 - Average November Price
282.0600 STU to Reading Chemicals @ $21.93 Average November Price
7,679.4792 STU @ $22.17 Average November Price

December 1957

1,102.5197 STU @ $22.08	$24,343.63	
1,098.7872 STU @ 22.08	24,261.22	
1,100.0020 STU @ 22.08	24,288.04	
1,094.5534 STU @ 22.08	24,167.74	
1,091.9125 STU @ 22.08	24,109.43	
1,103.1659 STU @ 22.08	24,357.90	
1,070.3358 STU @ 22.00	23,547.39	
1,058.9259 STU @ 22.00	23,296.37	
1,057.2549 STU @ 22.00	23,259.61	
1,064.2936 STU @ 22.00	23,414.46	
10,841.7509 STU @ $22.05	$239,045.79	To General Electric Co.
285.5800 STU @ $21.93	$6,262.77	To Reading Chemicals
1,005.4833 STU @ $17.50	$17,595.96	
1,042.1066 STU @ $17.50	18,236.86	
2,047.5899 STU @ $17.50	$35,832.82	To Wah Chang Corp.

10,841.7509 STU @ $22.05 To G.E. Average December Price
285.5800 STU to Reading Chemicals @ $21.93 Average December Price
2,047.5899 STU to Wah Chang Corp @ $17.50 Average December Price
13,174.9208 STU @ $21.34 Average December Price

September DMEA Production:	119.51 STU @ $22.00	(Average September Price)
October DMEA Production:	406.88 STU @ 21.47	(Average October Price)
November DMEA Production:	208.40 STU @ 22.17	(Average November Price)
December DMEA Production:	179.05 STU @ 21.34	(Average December Price)
	913.84 STU @ $21.67	Average Price

913.84 STU X $21.67 = $19,802.91
$19,802.91 X 5% = $990.15 = Amount of Government Royalty

I HEREBY CERTIFY that sales of tungsten concentrates made for the period September 1957 through December 1957 and the respective short ton unit revenue prices received by Tungsten Mining Corporation are correctly set forth by the above statement and witnessed by the attached invoice statements and that the respective short ton units produced by the ore obtained from Defense Minerals Exploration Project for this period September 1957/December 1957 are within the respective short ton units sold.

TUNGSTEN MINING CORPORATION

By_____
J.R. Sweet
Vice President & General Manager

1/23/58
GVB/mlb

TUNGSTEN MINING CORPORATION

SOURCE OF DMEA PRODUCTION

Month	PROJECT A Wet Tons	PROJECT A Grade	PROJECT B Wet Tons	PROJECT B Grade	PROJECT C Wet Tons	PROJECT C Grade	PROJECT D Wet Tons	PROJECT D Grade	TOTAL Wet Tons	TOTAL Grade	STU Recovered
September 1957	-	-	-	-	-	-	107	1.34	107	1.34	119.51
October 1957	-	-	-	-	-	-	594	0.81	594	0.81	406.88
November 1957	-	-	9	0.35	-	-	283	0.85	292	0.83	208.40
December 1957	241	0.22	-	-	-	-	277	0.55	518	0.40	179.05
Totals	241	0.22	9	0.35	-	-	1261	0.81	1511	0.71	913.84

1/23/58
NB/mlb

Mittendorf.

TUNGSTEN MINING CORP.

BOX 931
HENDERSON, N. C.
TELEPHONE NO. 4139

September 28, 1957

10/10 WSM 400

Mr. Robert A. Laurence,
Executive Officer
DMEA Field Team
Region 5
Room 13
Post Office Building
Knoxville 2, Tenn.

Re: DMEA-4216
Idm-E1032 (Tungsten)
Hamme Mine
Vance County, North Carolina

Dear Mr. Laurence:

Attached hereto is our check in the amount of two-hundred and fifty-two dollars and eighteen cents ($252.18) for payment of Government royalty on the tungsten ore produced through DMEA Project 4216 from May 1, 1957 through August 31, 1957.

Supporting papers also attached include:

(1) Calculations for Government royalty with copies of sales invoices for May, July, and August 1957;

(2) Source of DMEA production.

There was no ore production from the project in June 1957.

Yours very truly,

TUNGSTEN MINING CORPORATION

G. V. Boyd

G. V. Boyd

Royalty

RECEIVED
SEP 30 1957

GVB/hs

Encls.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 13 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

September 30, 1957

OFFICIAL FILE COPY
DMEA
RECEIVED OCT 2 1957

DATE	INITIALS	CODE
10/2	C	220
10/2	WSM	400

Memorandum

To: Finance Officer, DMEA - (Region v)

From: Executive Officer, DMEA - Region V - Knoxville, Tenn.

Subject: DMEA-4216, Idm-E1032 (tungsten) Tungsten Mining Corp. Henderson N. C. Hamme Mine, Vance County, N.C.

Attached are sale invoices for May, July and August 1957 on the subject contract; also their check no.24008 dated Sept. 28, 1957 in the amount of $252.18 to be credited to their contract.

Robert A. Laurence

sm.

cc
Burmeister
Lynch
Mittendorf
Files

TUNGSTEN MINING CORPORATION

CALCULATION OF GOVERNMENT ROYALTY

MAY 1957

1136.7204	STU @	$28.3050	
1137.6689	STU @	28.3050	
1112.2533	STU @	28.3050	
1152.3993	STU @	28.3050	
4539.0419	STU @	$28.3050	- To General Electric Co.
4539.0419	STU @	28.3050	- Average May Selling Price

JULY 1957

1145.9998	STU @	$27.33	
1142.1715	STU @	27.33	
1152.5593	STU @	27.33	
1105.8537	STU @	27.33	
1071.9026	STU @	27.33	
67.3891	STU @	26.2425	
5685.8760	STU @	$27.3171	- To General Electric Co.
976.1000	STU @	25.4300	- To C. Tennant, Sons & Co.
6661.9760	STU @	27.0406	- Average July Selling Price

AUGUST 1957

1067.9359	STU @	$26.2425	
1068.3859	STU @	26.2425	
1065.5254	STU @	26.2425	
1053.3657	STU @	26.2425	
1066.8753	STU @	26.2425	
1054.5340	STU @	26.2425	
1005.9887	STU @	26.2425	
31.9283	STU @	24.1175	
1062.0651	STU @	24.1175	
1067.9359	STU @	24.1175	
1077.3746	STU @	24.1175	
1061.9257	STU @	24.1175	
1061.3363	STU @	24.1175	
1050.9554	STU @	24.1175	
1060.8439	STU @	24.1175	
1054.5551	STU @	24.1175	
471.0797	STU @	24.1175	
592.6459	STU @	22.0000	
1080.5136	STU @	22.0000	
1078.4137	STU @	22.0000	
1076.9139	STU @	22.0000	
20211.0980	STU @	$24.4926	- To General Electric Co.

AUGUST 1957 CONTINUED

1095.6670	STU @	$22.00
1119.8530	STU @	22.00
956.3390	STU @	22.00
905.5220	STU @	22.00
909.5780	STU @	22.00
967.8890	STU @	21.43
1031.0310	STU @	21.43
1007.0800	STU @	21.43
963.7700	STU @	21.43
988.9800	STU @	21.43

9945.7090 STU @ 21.7158 - To Wah Chang Corp.

20211.0980 STU to G.E. @ $24.4926 Average August Price
9945.7090 STU to Wah Chang @ $21.7158 Average August Price

30156.8070 STU @ $23.5768 Average August Price

May DMEA Production:	23.99	STU @ $28.3050	(Average May Price)
July DMEA Production:	159.80	STU @ 27.0406	(Average July Price)
August DMEA Production:	1.84	STU @ 23.5768	(Average Aug. Price)
	185.63	STU @ $27.17	(Average Price)

185.63 STU X $27.17 = $5043.57

$5043.57 X 5% = $252.18 = Amount of Government Royalty

I HEREBY CERTIFY that sales of tungsten concentrates made for the period May 1957 through August 1957 and the respective short ton unit revenue prices received by Tungsten Mining Corporation are correctly set forth by the above statement and witnessed by the attached invoice statements and that the respective short ton units produced by the ore obtained from Defense Minerals Exploration Project for this period May 1957 / August 1957 are within the respective short ton units sold.

TUNGSTEN MINING CORPORATION

By J. R. Sweet
J. R. Sweet
Vice President & General Manager

9/28/57
GVB/jro

TUNGSTEN MINING CORPORATION
Box 931, Henderson, N. C.

SOURCE OF D.M.E.A. PRODUCTION

	PROJ. A		PROJ. B		PROJ. C		PROJ. D		TOTAL		
Month - Year	Wet Tons	Grade	Wet Tons	Grade	Wet Tons	Grade	Wet Tons	Grade	Wet Tons	Grade	STU's Recovered
May 1957	49	0.57	-	-	-	-	-	-	49	0.57	23.99
June 1957	-	-	-	-	-	-	-	-	-	-	-
July 1957	-	-	264	0.75	-	-	-	-	264	0.75	159.80
August 1957	-	-	3	0.75	-	-	-	-	3	0.75	1.84
Total Thru August 1957	49	0.57	267	0.75	-	-	-	-	316	0.722	185.63

9/12/57
RMR:fnj
Copies to: WRA, GVB, JRS, EHR, TAG.

TUNGSTEN MINING CORP.
BOX 831
HENDERSON, N. C.
TELEPHONE NO. 4139

September 28, 1957

Mr. Robert A. Laurence,
Executive Officer
DMEA Field Team
Region 5
Room 13
Post Office Building
Knoxville 2, Tenn.

Re: DMEA-4216
Idm-E1032 (Tungsten)
Hamme Mine
Vance County, North Carolina

Dear Mr. Laurence:

Attached hereto is our check in the amount of two-hundred and fifty-two dollars and eighteen cents ($252.18) for payment of Government royalty on the tungsten ore produced through DMEA Project 4216 from May 1, 1957 through August 31, 1957.

Supporting papers also attached include:

(1) Calculations for Government royalty with copies of sales invoices for May, July, and August 1957;

(2) Source of DMEA production.

There was no ore production from the project in June 1957.

Yours very truly,

TUNGSTEN MINING CORPORATION

G. V. Boyd

G. V. Boyd

GVB/hs

Encls.

RECEIVED
SEP 30 1957
Knoxville Tenn

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 13 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

July 5, 1957

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 8 1957

DATE	INITIALS	CODE
8/8	C	220
7/9	WSG	400

Memorandum

To: Finance Officer, DMEA - Region V - Norris

From: Executive Officer, DMEA - Region V - Knoxville

Subject: Royalty Payment - Idm-E1032, DMEA-4216(Tungsten)
Tungsten Mining Company, R Vance County, N.C.

Transmitted is a check in the amount of $132.24 and a letter of explanation from the operator.

Robert A. Laurence

Opr. Com.-2
Lynch
Mittendorf
Files
Burmeister

Royalty

TUNGSTEN MINING CORP.

BOX 931

HENDERSON, N. C.

TELEPHONE NO. 4139

July 2, 1957

Mr. Robert A. Laurence, Executive Officer
DMEA Field Team, Region V
Room 13
Post Office Building
Knoxville 2, Tenn.

Re: DMEA 4216
Idm E 1032 (Tungsten)
Hamme Mine
Vance County, N. C.

Dear Mr. Laurence:

With reference to your letter of June 18, 1957 addressed to Mr. J. R. Sweet, concerning royalty payments on ore extracted from our DMEA Projects, we are enclosing our check in the amount of one hundred thirty-nine dollars and twenty-four cents which is the balance due DMEA in accordance with your letter. This added to our previous payment of ninety-two dollars and eighty-two cents totals two hundred thirty-two dollars and six cents, which amount is 5 percent of $4641.2454, the value of the DMEA ore.

We wish to point out, however, that the value of the concentrate is not $3299.62 per ton as indicated in your letter. The value per ton as you have calculated it, is based on 100% WO_3 content. Our concentrate runs approximately 70% WO_3; therefore, at a price of $32.,962 per S.T.U., the value would be approximately $2310 per ton of concentrate.

We regret that we did not interpret the contract correctly and wish to thank you for calling it to our attention.

Very truly yours,

TUNGSTEN MINING CORPORATION

G. V. Boyd

RECEIVED
JUL 5 - 1957
Geologic Division
Knoxville, Tenn.

GVB:fnj
Encl.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 13 POST OFFICE BLDG.
KNOXVILLE 2, TENN.

OFFICIAL FILE COPY
DMEA
RECEIVED MAY 22 1957

DATE	INITIALS	COPY
5/22	JWG	220
5/23	WSM	400

May 20, 1957

Memorandum

To: Finance Officer- Region V - (DMEA)

From: Acting Executive Officer, DMEA - Region V

Subject: Royalty Payment - DMEA-4216, Idm-E1032(tungsten)
Tungsten Mining Corp. Henderson, N.C.
Hamme Mine, Vance County, N.C.

Attached are calculation sheets for production from the subject mine and sample of calculation of DMEA units of WO_3 with explanation of calculations and a check in the amount of $92.82 to be credited to their account.

V. J. Lynch

ZM.
cc
Lynch
Mittendorf
Files
Burmeister

Royalty

TUNGSTEN MINING CORP.
BOX 931
HENDERSON, N. C.
TELEPHONE NO. 4139

OFFICIAL FILE COPY
DMEA
RECEIVED MAY 22 1957

DATE	INITIALS	CODE
5/23	WSM	400

May 18, 1957

Mr. Robert A. Laurence, Executive Officer
DMEA Field Team
Region 5
Room 13
Post Office Building
Knoxville 2, Tennessee

Re: DMEA-4216
Idm-E1032 (Tungsten)
Hamme Mine
Vance County,
North Carolina

Dear Mr. Laurence:

Attached hereto is our check in the amount of ninety-two **dollars** and eighty-two cents ($92.82) as payment for Government Royalty on the tungsten ore produced from DMEA Project 4216 from the beginning of the contract work in November 1956 through April 1957.

Also, attached are: (1) Calculation of Government Royalty with attached copies of sales invoices for December 1956 and April 1957, (2) source of DMEA production and (3) sample of calculation of DMEA units of WO3 with explaination of calculations.

There were no sales for January, February, and March 1957.

Yours very truly,

TUNGSTEN MINING CORPORATION

G. V. Boyd

G. V. Boyd

GVB/hs

RECEIVED
MAY 20 1957

EXPLANATION OF CALCULATION OF D.M.E.A UNITS

In calculating the units of WO_3 recovered from DMEA Projects the following method is used:

1 - Wet ton production is reduced to dry tons.

2 - Dry tons of ore are multiplied by the composite assay of the car grab samples to obtain units of WO_3 in the DMEA mine ore.

3 - The units of WO_3 in DMEA mine ore is multiplied by the mill recovery to obtain units of WO_3 recovered in the mill.

4 - Of the units recovered in the mill, a percentage is retained in the mill as G. E. Concentrate and the remainder is sent to the Chemical Plant, for further treatment I.E..

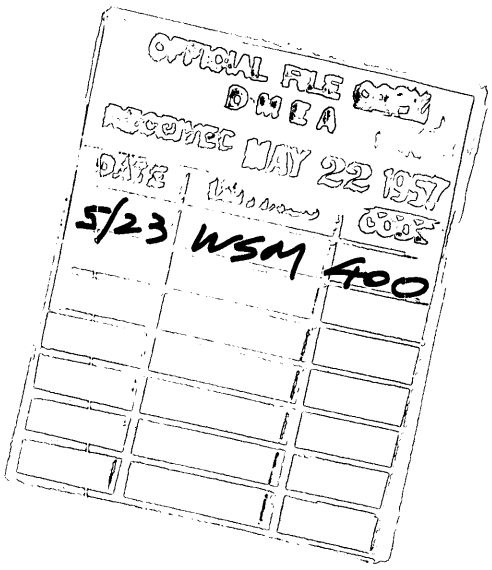
(a) the units recovered in the mill are multiplied by the percentage retained in the mill as G. E. Concentrates, to give units obtained as G.E. Concentrate.

(b) the units recovered in the mill are multiplied by percentage sent to the Chemical Plant to determine the units sent to the Chemical Plant.

5 - The units sent to the Chemical Plant are multiplied by the percentage recovery in the Chemical Plant to give the units obtained as Synthetic Scheelite.

6 - The units obtained as G. E. Concentrates (4a) are added to the units obtained as Synthetic Scheelite (5) to give the total units recovered from the DMEA mine ore.

The attached sheet showing data and calculations for the month of March 1957 will show the method used to determine the units of WO_3 produced from DMEA Projects.



5-18-57
AMS/hs

TUNGSTEN MINING CORPORATION

SOURCE OF D.M.E.A. PRODUCTION

	PROJ. A		PROJECT. B		PROJ. C		PROJ. D		TOTAL		
	Wet Tons	Grade	Wet Tons	Grade	Wet Tons	Grade	Wet Tons	Grade	Wet Tons	Grade	S.T.U's Recovered
November 1956	-	-	-	-	-	-	-	-	-	-	-
December 1956	-	-	-	-	140	0.27	-	-	140	0.270	32.44
January 1957	154	0.32	-	-	17	0.27	-	-	171	0.315	45.81
February 1957	68	0.14	-	-	-	-	-	-	68	0.14	7.92
March 1957	-	-	165	0.39	-	-	-	-	165	0.39	54.49
April 1957	-	-	-	-	-	-	-	-	-	-	-
Total thru April 1957	222	0.265	165	0.39	157	0.27	-	-	544	0.304	140.66

5/18/57
AMS/hs

TUNGSTEN MINING CORPORATION

CALCULATION OF GOVERNMENT ROYALTY

ORIGINAL FILE COPY
DMEA
RECEIVED MAY 22 1957

DATE	INITIALS	COPY
5/23	WSM	400

DECEMBER 1956

950.0188 STU @ $37.18
1084.5741 STU @ $37.18
968.6604 STU @ $37.18
3003.2533 STU @ $37.18 to General Electric Company
23999.4925 STU @ $36.24 to Wah Chang Corporation
27002.7458 STU @ $36.3445 Average December Selling Price

APRIL 1957

1077.6746 STU @ $31.9925 to General Electric Company
1084.7241 STU @ $31.9925 to General Electric Company
1073.1749 STU @ $31.9925 to General Electric Company
764.4264 STU @ $31.9925 to General Electric Company
4000.0000 STU @ $31.9925 Average April Selling Price

December DMEA Production 32.44 STU @ $36.3445 (Ave. Dec. Price)
Jan., Feb., March,
DMEA Production 108.22 STU @ $31.9925 (Ave. April Price)
Total 140.66 STU @ $32.9962 = $4641.2455 Value of 544 tons of DMEA ore.

$\frac{\$4641.2455}{544}$ = $8.53 per ton, value of DMEA Ore

Royalty on $8.53 ore is 2%
$4641.2455 x 0.02 = $92.82 Amount of Gov't. Royalty

I HEREBY CERTIFY that sales of tungsten concentrates made for the period December 1956/April 1957 and the respective short ton unit revenue prices received by Tungsten Mining Corporation are correctly set forth by the above statement and witnessed by the attached invoice statements and that the respective short ton units produced by the ore obtained from Defense Minerals Exploration Project for this period December 1956/April 1957 are within the respective short ton units sold.

TUNGSTEN MINING CORPORATION

5/18/57
AMS/hs

By J.R. Sweet
J.R. Sweet
Vice President & General Manager

TUNGSTEN MINING CORPORATION

SAMPLE OF CALCULATION OF DMEA UNITS OF WO3

ORIGINAL FILE COPY
DMEA
RECEIVED MAY 22 1957

DATE	INITIALS	
5/23	WSM	400

Month of March 1957

Project B - 165 wet tons @ 0.39% WO3

% moisture in mill feed	3.04%
Calculated mill recovery	87.49%
% of Wo3 recovered in mill and retained in mill as G.E. Concentrates *	85.35%
% of Wo3 recovered in mill, sent to Chemical Plant	14.65%
Chemical plant recovery	98.7%

Calculation:

165 wet tons x 96.96% = 159.98 dry tons

159.98 x 0.39% = 62.39 S.T.U's. in DMEA mine ore

62.39 x 87.49% = 54.59 S.T.U's. recovered in mill

54.59 x 85.35% = 46.59 S.T.U's. retained in mill as G.E. Concentrate

54.59 x 14.65% = 8.00 S.T.U's. sent to chemical plant
8.00 x 98.70% = 7.90 S.T.U's. recovered as synthetic scheelite in chemical plant

TOTAL UNITS RECOVERED

46.59 S.T.U's. as G.E. concentrate
7.90 S.T.U's. as synthetic scheelite
54.49 S.T.U's. recovered from 165 wet tons of ore at 0.39% WO3.

* "G.E. Conc" is high grade huebnerite concentrate