UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

Terminated (~~or cancelled~~) without certification. DMEA No. 1466

This is the official contract file containing all official records of the project. Duplicate material has been removed. The records contained in the files are checked and are arranged in this manner:

Left Side

- ✓ Certificate of Audit (Final).
- ✓ Interim Audit(s).
- Report of Review.
- ✓ CLOSING LETTER
- Termination Notice or Agreement.
- Recision Notice.
- Assignment of Contract.
- ✓ Contract Amendments (latest on top).
- ✓ Contract with all exhibits and annexes.
- Owner's Consent to Lien.
- Subordination Agreement.
- Leases and assignments of leases.
- ✓ Application and attachments.
- ✓ Schedule of Collections.
- ✓ Operator's monthly reports and all attachments (latest on top).

Right Side

- ✓ Project summary.
- ✓ Work completed analysis.

All other material is filed in chronological order with correspondence including the following reports as checked:

- ✓ Final Field Team Report. (Tab)
- Operator's Final Report.
- ✓ Interim Reports.
- ✓ On-site Exam Report(s). (Tab)
- Settlement Sheets.

If additional folders are required because of volume of records, show folder numbers and contents below:

Maps in folder number _____

Operator's Monthly Reports in folder number _____

cw
Reviewer's Initials

7973

SUPPLEMENTAL AUDIT REPORT

I INTRODUCTION

During July 1953, a final audit (covering operations for the period of November 2, 1951, to August 4, 1953) was made of the records and accounts pertaining to Exploration Project Contract No. Idm-E200, Docket No. DMA-1466X dated November 2, 1951, including Amendments No. 1, 2, 3, and 4 with the

Addy Mining Company
(A Partnership)
North 633 Madelia Street
Spokane, Washington

covering a project of exploration for tungsten located in the Summit Mining District, Stevens County, Washington, commonly known as the Addy Mine.

The original Audit Certificate and Audit Report rendered by C. A. Turner, DMEA Auditor, dated July 13, 1953, is hereby amended and supplemented by this report which applies to Section III, Item 3, Operating Materials and Supplies, and Section IV, Conclusions.

III SCOPE OF AUDIT AND FINDINGS

(3) Operating Materials and Supplies

All charges to this category were checked against the monthly work sheets. An analysis was made to determine propriety of the items charged and proof of payment was verified by paid bank checks. All purchases were made direct for the project. The costs properly chargeable and allowable were determined by the audit to be:

	Accepted Costs
Explosives	$1,084.66
Pipe and Fittings	195.15
Track	525.34
Gas - Oil - Diesel	997.03
Small Tools and Supplies	159.90
Drill Steel	401.22
Drill Supplies	357.46
Miscellaneous	230.33
	$3,951.09
Salvage Proceeds	
Pipe and Fittings and Track	66.67
Net Cost	$3,884.42

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

SUPPLEMENTAL AUDIT CERTIFICATE

I have examined the records and transactions of the:

Addy Mining Company (A Partnership)
North 633 Madelia Street
Spokane, Washington

pertaining to Exploration Project Contract No. Idm-E200, Docket No. DMA-1466X, including Amendments No. 1, 2, 3, and 4, covering a project of exploration for tungsten located in the Summit Mining District, Stevens County, Washington, commonly known as the Addy Mine, for the period of November 2, 1951, to May 12, 1954.

My examination was made in accordance with generally accepted standards applicable in the circumstances.

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

Total Cost as Billed by Contractor		$20,450.66
Less: Salvage Proceeds on property		343.34
		$20,107.32
Exceptions (See Audit Report for details):		
Prior to this audit	$ None	
During this audit	69.39	69.39
Total Accepted Cost		$20,037.93

The contract calls for a 75 percent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of Fifteen thousand twenty-eight and 45/100 Dollars

--$15,028.45--

is valid and proper.

This certificate is issued on the provision that the Regional Executive Officer, the Administrator, or other competent official has accepted or will accept the project as having otherwise met the terms of the contract.

Date: June 4, 1954

C. A. Turner

C. A. TURNER
Auditor

The Operator by letter dated May 10, 1954, made an offer of $50.00 for the Government's equity in the remaining pipe and fittings and track which was accepted by the Field Team by letter May 12, 1954.

IV CONCLUSIONS

This audit disclosed that all costs charged to this project, with the exception of the disallowances itemized under Section II, Labor and Supervision, and Section III (7), Miscellaneous, and (8), Contingencies of the preceding sections of this report, are reasonable and proper under the terms of the contract.

The adjustments between "Items of Cost" as shown on the final September 1952 MF-104, the disallowances, and accepted costs are summarized as follows:

		Totals Sept. 1952 MF-104	Corrected Distribution	Disallowed by Audit	Accepted Costs
(2) Labor and Supervision					
Labor		$ 9,764.67	$ 9,418.48	$28.10	$ 9,390.38
Supervision		1,200.00	1,200.00	--	1,200.00
Technical		260.00	10.00	--	10.00
(3) Operating Materials & Supplies					
Explosives		1,093.21	1,084.66	--	1,084.66
Pipe and Fittings		--	195.15	--	195.15
Track		500.04	525.34	--	525.34
Gas - Oil - Diesel		995.35	997.03	--	997.03
Steel and Tools		1,168.29	--	--	--
Small Tools and Supplies			159.90	--	159.90
Drill Steel			401.22	--	401.22
Drill Supplies			357.46	--	357.46
Miscellaneous			230.33	--	230.33
(4) Operating Equipment					
Rental		1,915.00	1,915.00	--	1,915.00
Purchases		790.13	790.13	--	790.13
Depreciation		1,000.00	1,000.00	--	1,000.00
(5) Initial Rehabilitation & Repairs		--	--	--	--
(6) New Bldgs., Improvements, etc.		284.49	686.38	--	686.38
(7) Miscellaneous					
Repairs to Equipment		162.78	147.80	--	147.80
Sampling and Analysis		9.00	13.00	--	13.00
Payroll Taxes		1,024.94	989.32	--	989.32
Liability Insurance		35.26	35.26	35.26	--
Transportation		199.30	--	--	--
Accounting			250.00	--	250.00
(8) Contingencies					
General and Office		48.20	44.20	6.03	38.17
		$20,450.66	$20,450.66	$69.39	$20,381.27
Salvage Proceeds					
Equipment	$210.00				
Building	66.67				
Pipe and Rail	66.67				
		343.34	343.34	--	343.34
Totals		$20,107.32	$20,107.32	$69.39	$20,037.93

The "Allowable Maximums" under this "Old Form Contract" (MF-200 June 1951) were rates of wages for labor, and rate per month for supervision discussed under Section II, Labor and Supervision, and Depreciation discussed under Section III, Item 4, of this report.

Amendment No. 4 established an "Allowable Maximum" of $500.00 to open the upper adit for mapping and sampling. Only sufficient work was done to allow safe access to the workings. This work was performed by the contractor concurrently with the exploration work and separate items of cost were not kept as such but were included in the exploration costs. The work was approved by the Field Team as having been performed in accordance with the contract in a satisfactory manner and was approved by the audit.

The findings of this audit were discussed with Mr. R. B. Shewey, accountant for the Operator.

Date: June 4, 1954

C. A. Turner
Auditor

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
No. 157 Howard Street
Spokane 4, Washington

June 25, 1954

Jay Mining Company
North 133 Mallon Street
Spokane, Washington

Re: Docket No. DM-1400 (tungsten)
Jay Mining Company
Stevens County, Washington
Contract No. ICA-1400 (completed)

Gentlemen:

Enclosed is a copy of a Supplemental Audit Certificate and Supplemental Audit Report covering the period November 2, 1951, to May 1, 1954. These copies are for your information and files.

Sincerely yours,

[illegible] R. Richardson
Executive Officer, DMEA
[illegible]

Enclosure

cc: USBM (2)
DMEA (2)
Jay L. Chambers, Wash., D. C. ✓

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

AUDIT CERTIFICATE

I have examined the records and transactions of the:

Addy Mining Company, a partnership
North 633 Madelia Street
Spokane, Washington

pertaining to Exploration Contract No. Idm-8200, Docket No. DMA-1466X, dated November 2, 1951, including amendments Nos. 1, 2, 3 and 4, covering a project for the exploration of tungsten, for the period of November 2, 1951 to August 4, 1953 inclusive.

My examination was made in accordance with generally accepted standards applicable in the circumstances.

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

Total Cost as billed by contractor		$20,450.66
Less: Salvage Proceeds on Property		276.67
Net Cost Claimed		20,173.99
Exceptions (see Audit Report for details):		
Prior to this audit	$ None	
During this audit	69.39	69.39
Total accepted cost		$20,104.60

The contract calls for a 75 per cent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of Fifteen Thousand Seventy-eight and 45/100 Dollars,

- $15,078.45 -

is valid and proper.

This certificate is issued on the provision that the Regional Executive Officer, the Administrator, or other competent official has accepted or will accept the project as having otherwise met the terms of the contract.

C. A. Turner
Auditor

August 10, 1953

AUDIT REPORT

I INTRODUCTION

On July 21 and 22, 1953, a final audit (covering operations for the period of November 2, 1951 to August 4, 1953) was made of the records and accounts pertaining to Exploration Project Contract No. Idm-8200, Docket No. DMA 1466 X, dated November 2, 1951, including amendments Nos. 1, 2, 3, and 4, with the

Addy Mining Company, a partnership
North 633 Madelia Street
Spokane, Washington

covering a project for the exploration of tungsten.

The original accounting records under this contract were maintained by and are in the possession of Mr. R. R. Shewey, accountant for the Addy Mining Company, North 633 Madelia Street, Spokane, Washington. Mr. Shewey is also the accountant for Weller Brothers, Excavating Contractors, who are the owners of the Addy Mining Company.

Prior to making the actual audit of the accounts and records under the exploration project each of the monthly MF-104 Operator's Monthly Report and Voucher (which were partially documented) were examined and analyzed.

Mr. R. R. Shewey, accountant, was consulted as required during the audit. Mr. W. S. Andersen, DMEA Engineer in charge of the project, assisted as questions came up during the audit.

II GENERAL INFORMATION ON THE RECORDS

The accounting records of the Addy Mining Company consisted of a combination Cash Book and Journal and a General Ledger which contained cost accounts covering the exploration project. All costs were recorded as paid in the Cash Book-Journal and later posted in the Ledger. The balances in the cost section of the ledger do not in all cases agree with the final September, 1952 MF-104 due to the following reasons: (1) Contractor charged items to contract cost accounts in ledger which he did not claim on monthly MF-104, (2) Deletions by the Certifying Officer which were accepted by the contractor on the monthly MF-104 but were not recorded in the ledger, and (3) Errors in MF-104 totals.

The source documents covering the costs of the exploration project are recorded on monthly work sheets which form the basis for preparation of the monthly MF-104 reports. Therefore, this audit involved in general a check of the source documents against the monthly work sheets. All costs were recorded on a cash basis.

Subsidiary records available for audit were (1) Payroll Record Books, (2) State Unemployment Insurance Reports, (3) State Workmen's Compensation Insurance Reports, (4) Federal Reports covering Income Tax Withheld at Source, (5) Vendors Invoices, and (6) Cancelled Bank Checks.

III SCOPE OF AUDIT AND FINDINGS

The audit was limited to ascertaining the accuracy, propriety and validity of the costs shown in the "Totals to Date" column of Form MP-104 Operator's Monthly Report and Voucher for the month of September, 1952 but including the subsequent settlement on August 4, 1953 of the Government's equity in certain project equipment and buildings. Since a preliminary review of the records indicated a considerable amount of improper distribution of charges to "Items of Cost" shown on the Form MP-104, as well as some charges of questionable propriety, a detailed audit and analysis of costs was necessary. The findings, after correction and the cost distribution, follow:

(1) Independent Contracts

Not applicable to this contract.

(2) Labor and Supervision

All charges under this item were checked against the recordings on the monthly work sheets. In order to verify the labor time, rates and the amounts charged to the project, they were checked back from the work sheets through the weekly payrolls which were supported by the employee's individual time record. The employee's individual records give the hours worked each day, classification of labor and rate of pay, all of which is approved by the mine foreman.

The audit disclosed that the costs shown under this item properly allowable and chargeable under the terms of the contract to be:

	Claimed	Disallowed By Audit	Accepted Costs
Labor	$9,418.48	$28.10	$9,390.38
Supervision	1,200.00	-	1,200.00
Technical	10.00	-	10.00

Labor Disallowed by Audit due to incorrect payroll computations:

January, 1952	Wm. Fowler	32 hours @ 2.28	$73.12	
	should be	32 hours @ 2.28	72.96	$ .16
May, 1952	Wm. Fowler	42 hours @ 2.35	98.70	
	should be	42 hours @ 2.28	95.76	2.94
July, 1952	Wm. Fowler	230 hours @ 2.50	575.00	
	should be	230 hours @ 2.28	524.40	
			50.60	
	Less deletion by Certifying Officer		25.60	25.00
	Total Disallowed by Audit			$28.10

Labor Rates were found to be within and not to exceed the rates specified in the contract.

Supervision for 8 months @ $150.00 per month, total $1,200.00 was performed by R. J. Weller on a part time basis. Rates were found to be within and not to exceed the rates specified in the contract.

Technical Services was for surveying work performed in preparation of June, 1952 Technical Report and was by direction of and approved by the Field Team.

(3) Operating Materials and Supplies

All charges against this category were checked against the monthly work sheets. An analysis was made to determine propriety of the items charged and proof of payment was verified by paid bank checks. All purchases were made direct for the project as a stores account was not maintained.

The total costs property chargeable and allowable under this item were found to be:

Explosives	$1,084.66
Pipe & Fittings	195.15
Truck	525.34
Gas - Oil - Diesel	997.03
Small Tools & Supplies	159.90
Drill Steel	401.22
Drill Supplies	357.46
Miscellaneous	230.33
Allowed by Audit	$3,951.09

(4) Operating Equipment

All charges for Operating equipment were checked against the monthly work sheets and the rates per month for rent and depreciation specified in the contract. There were no daily time logs or other records covering the use on the project of company equipment. The time charged was based on estimates which were compared with payroll hours worked and appeared to be most reasonable.

The proper and allowable costs for operating equipment were found to be:

Rental

Pickup	10½ months @ 30.00 per Month	$ 315.00
Smoking Machine	8 months @200.00 per Month	1,600.00
Allowed by Audit		1,915.00

Depreciation

Air Compressor	10 months @100.00 per Month	$1,000.00

Monthly depreciation rates claimed do not exceed those specified and allowed by the contract.

Equipment Purchased and charged to this project was disclosed by this audit as follows:

Jack Hammer	$ 485.13
Electric Grinder	100.00
Welding Kit	80.00
Ore Car	125.00
	790.13
Less Salvage Proceeds	210.00
Net Total	$ 580.13

By a letter to the Field Team under date of July 9, 1953 a bid was made by Weller Brothers on the remaining equipment as follows:

Portable Grinder (Electric)	$ 60.00
Drifter (Jack Hammer)	110.00
Welding Torch	15.00
Ore Car	25.00
	$ 210.00

This bid was accepted by letter July 15, 1953 from the Executive Officer DMEA Field Team Region II as being a fair settlement.

(5) Initial Rehabilitation and Repairs

Not applicable to this contract.

(6) New Buildings, Improvements, etc.

The contract provided that a compressor shed and change room be built. The costs properly chargeable to and allowable under this item were found to be:

Compressor Shed and Change Room

Labor		$346.19
Building Materials		
Lumber	$222.13	
Roofing	34.94	
Nails	30.34	
Miscellaneous	17.16	304.57
Payroll Taxes		15.58
Industrial Insurance		20.04
		686.38
Less Salvage Proceeds		66.67
Net Total		$619.71

Weller Brothers made an offer of $50.00 for the Government's equity in this building by letter August 3, 1953. This offer was accepted by a letter from the Executive Officer DMEA Field Team Region II August 4, 1953 as being a fair settlement.

(7) Miscellaneous

The findings of the audit as to costs chargeable to and allowable under this item are summarized as follows:

	Costs Claimed	Disallowed By Audit	Acceptable Costs
Repairs to Equipment	$ 147.80	$ -	$ 147.80
Sampling and Analysis	13.00	-	13.00
Payroll Taxes	989.32	-	989.32
Liability Insurance	35.26	35.26	-
Accounting	250.00	-	250.00
	$1,435.38	$ 35.26	$1,400.12

Repairs to Equipment included supplies purchased for numerous small repairs to the equipment in use on the project during the life of the contract. The acceptable costs for repairs was found to be $147.80.

Sampling and Analysis was found to be assaying services performed by the local assayer for two collections of samples from the project.

Payroll Taxes applicable to this project were determined to be:

Payroll Taxes - Rate

Old Age Benefit Tax	1.5%	
Unemployment Insurance Washington	2.7	
Unemployment Insurance Federal	.3	
Total		4.5%

Industrial Insurance - Rate

Month of December 1951			
Industrial Insurance		$ .09 per hour	
Medical Aid	$ .035 per hour		
Less Employee One-half	.0175 " "		
Employer One-half		.0175	
Total Rate for December 1951			$ .1075 per hour

Industrial Insurance Rate

Year of 1952			
Industrial Insurance		$ .095 per hour	
Medical Aid	$ .035 per hour		
Less Employee One-half	.0175		
Employer One-half		.0175	
Total Rate for Year of 1952			$ .1125 per hour

A detailed audit of the accounts, Cancelled checks, Employer's Quarterly Federal Tax Returns, Washington State Unemployment Compensation Contribution Report, and the Washington Industrial Insurance Reports indicated that the amount charged to the project was well within the above rates after taking into consideration the disallowance of $28.10 from labor. Payroll taxes and industrial insurance were not charged on either of the partners or supervision.

The Costs properly allowable and chargeable was found to be:

Payroll Taxes	$435.76	
Less applicable to new buildings	15.58	$420.18
Liability Insurance (Industrial Insurance)	589.18	
Less applicable to new buildings	20.04	569.14
Allowed by Audit		$989.32

Liability Insurance charged by the Operator on his final September, 1952 MF-104 was disclosed by the audit to be fire insurance on property. This item was disallowed by the audit as it is an overhead item and not provided for by the contract.

Transportation was found by the audit to be freight items paid by the Operator on various supplies. This item was transferred to the supply items applicable on the corrected distribution of costs.

Accounting was determined to be the office labor keeping records and rendering the monthly MF-104 reports performed by Mr. R. B. Shewey, accountant, 10 months @ $25.00 per month. The amount under this item properly chargeable to and allowable under article 10 of the contract was found to be $250.00.

(8) Contingencies

General and Office

This item was disclosed by the audit to be the following:

	Costs Claimed	Disallowed By Audit	Accepted Costs
Telephone Toll Service	$38.17	-	$38.17
Office Supplies	5.13	$5.13	-
Error September 1952 MF-104 Totals	.90	.90	-
Net Totals	$44.20	$6.03	$38.17

Telephone Toll Service is supported by the monthly toll statements from the telephone company which are itemized as to the person calling and the person called. The contractor stated that all calls were essential to the progress of the project. Mr. Thomas E. Howard, acting executive officer of the Field Team, considered the calls as being necessary and reasonable costs to the project and as such they are allowed by the audit.

Office Supplies was found by the audit to be a charge made for printing checks to be used on the exploration project. This item was disallowed by the audit as an overhead item not provided for in the contract.

Error September 1952 MF-104 Totals was disallowed by the audit as it overstated the amount to be claimed.

IV CONCLUSIONS

This audit disclosed that all costs charged to this project, with the exception of the disallowances itemized under items (2) Labor and Supervision, (7) Miscellaneous and (8) Contingencies of the preceding actions of this report, are reasonable and proper under the terms of the contract.

The adjustments between "Items of Cost" as shown on the Final September 1952 Form MF-104, the disallowances and the accepted costs are summarized as follows:

	Totals Sept.1952 MF-104	Corrected Distribution	Disallowed By Audit	Accepted Costs
(2) Labor & Supervision				
Labor	$ 9764.67	$ 9418.48	$ 28.10	$ 9390.38
Supervision	1200.00	1200.00		1200.00
Technical	260.00	10.00		10.00
(3) Operating Materials&Supplies				
Explosives	1093.21	1084.66		1084.66
Pipe & Fittings		195.15		195.15
Track	500.04	525.34		525.34
Gas-Oil Diesel	995.35	997.03		997.03
Steel & Tools	1168.29	-		-
Small Tools & Supplies		159.90		159.90
Drill Steel		401.22		401.22
Drill Supplies		357.46		357.46
Miscellaneous		230.33		230.33
(4) Operating Equipment				
Rental	1915.00	1915.00		1915.00
Purchases	790.13	790.13		790.13
Depreciation	1000.00	1000.00		1000.00
(5) Initial Rehabilitation	-	-		-
(6) New Buildings&Improvements	284.49	686.38		686.38
(7) Miscellaneous				
Repairs to Equipment	162.78	147.80		147.80
Sampling & Analysis	9.00	13.00		13.00
Payroll Taxes	1024.94	989.32		989.32
Liability Insurance	35.26	35.26	35.26	-
Transportation	199.30			-
Accounting		250.00		250.00
(8) Contingencies				
General & Office	48.20	44.20	6.03	38.17
Totals	$20450.66	$20450.66	$ 69.39	$20381.27
Salvage Proceeds from Property				
Equipment $210.00				
Building 66.67	276.67	276.67	-	276.67
Adjusted Totals	$20173.99	$20173.99	$ 69.39	$20104.60

The "Allowable Maximums" under this Old Form Contract were rates of wages for labor and rate per month for supervision discussed under item (2) Section III of this report, and rate of depreciation discussed under item (4) Section III of this report were all within the allowable terms of the contract.

Amendment Number 4 established an "Allowable Maximum" of $500.00 to open the upper adit for mapping and sampling. Only sufficient work was to be done to allow safe access to the workings. This work was performed by the contractor concurrently with the exploration work and separate items of cost were not kept as such but were included in the exploration costs. The work was approved by the Field Team as having been performed in accordance with the contract in a satisfactory manner and was approved by the audit.

The findings of this audit were discussed with Mr. R. B. Shewey, accountant for the Operator.

G. A. Turner
Auditor

August 10, 1953

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

Fairbanks, Alaska
August 28, 1953

Mr. Jay L. Chambers, Chief,
Contract Administration and Audit Division,
Defense Minerals Exploration Administration
Department of the Interior
Washington, 25, D.C.

Dear Mr. Chambers:

Enclosed three audit certificates and two audit reports covering the Addy Mining Company, a partnership, North 633 Madelia Street, Spokane, Washington, Docket No. DMA-1466X, Contract No. IDM-E200, with amendments No. 1, 2, 3 and 4, covering project for the exploration of tungsten for the period November 2, 1951 to August 4, 1953.

This audit was made in Spokane but due to our reservations having been made in Alaska, I was unable to get it typed before leaving Spokane. I found there were no public stenographers in Juneau so brought it to Fairbanks with me to be typed.

Yours very truly,

C. A. Turner, Auditor

CAT:MBB
Encs.

Docket

Rutledge
Martin
Talbot
Butin
Johnson

MAY 26 1954

Mr. R. J. Weller
Addy Mining Company
North 633 Medelia Avenue
Spokane, Washington

Re: Docket No. DMEA 1466 - Tungsten
Addy Mine
Stevens County, Washington
Contract No. Idm-E200

Dear Mr. Weller:

Reference is made to your letter of March 9, 1954, requesting clearance from the Government of any possible lien against the subject property resulting from the exploration program under Contract No. Idm-E200.

Our usual clearance had not been issued because we were awaiting settlement under the subject contract of the installations in which the Government had an equity. These have now been liquidated under the Regional Executive Officer's authority.

We are now pleased to advise you that your performance of the exploration work under the referenced contract has been satisfactory to the Government, and the account relating thereto has been closed. The final audited and settled account shows:

Total claimed for units of work performed	$20,037.93
Total Government contribution at 75 percent	$15,028.45

Your attention is called to the provision of the contract which requires you to keep and preserve your records and accounts of this transaction for a period of three years for possible future reference.

We sincerely regret that the work performed did not result in a certification of discovery or development under the provisions of the exploration contract. In the absence of such certification, the Government retains no claim or lien against the property or any production therefrom.

The Government is grateful for your participation in the exploration program of the Defense Minerals Exploration Administration.

Sincerely yours,

C. O. Mittendorf

Administrator

cc: Docket
Field Team, Reg. 2
Code 400
Adm. Read. File
Code 800 - Mr. Chambers
R. W. Geehan, USBM
T. P. Thayer, USGS

FARutledge/ls
5/24/54

Government Copy

AMENDMENT NO. 4

It is agreed this 26th day of Aug. 195 2, between the the United States of America, acting through the Department of the Interior, Defense Minerals Administration and Addy Mining Company, Spokane, Wash. (Docket No. DMEA 1466 - tungsten)

each acting in consideration of the agreement of the other to the terms hereinafter set forth, that the Exploration Project Contract Idm-E200 of Nov. 2 195 1 between the parties hereto be modified and amended as described in Exhibit "F", attached hereto, which, with any maps or drawings attached thereto, is made a part of this agreement. The effective date of this amendment shall be August 26 195 2.

This amendment is made by authority granted the Executive Office, DMA Field Team, Region II in Order No. 2684 by the Acting Secretary of the Interior.

This amendment shall not be construed to increase the estimated total cost of the project, the amount of the Government's contribution, or any item of allowable cost which is expressly designated 'Allowable Maximum'".

Executed in sextuplicate the day and year first above written.

ADDY MINING COMPANY
(Operator)

By [signature]

By Walter C Weller

The United States of America

By Glenn O Rice
~~A. E. Weissenborn, Exec. Officer~~
~~DMEA Field Team, Region II~~

For: M. E. Volin, Acting Exec. Officer
DMEA Field Team, Region II

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
Received
SEP 1 9 1952

ADDY MINING COMPANY
Exploration Project Contract Idm-E200
Docket No. DMEA 1466 (tungsten)

Amendment No. 4

EXHIBIT "F"

Changes and modifications

In Exhibit "A" under "Exploration Project" add:

Open upper adit for mapping and sampling. Only sufficient work is to be done to allow safe access to the workings. Total cost for this work not to exceed $500.00

gcl

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

M. E. Volin, Member, DMEA Field Team, Reg. II August 26, 1952

E. A. Magill, Mining Engineer, Bureau of Mines

Amendment No. 4, Addy Mining Co., Stevens County, Wash.
Contract Idm-E200, Docket No. DMEA 1466Y (tungsten)

Amendment No. 4 to the subject contract has been prepared to allow for rehabilitation of the upper adit. This rehabilitation is to be only sufficient to allow safe access to the workings for mapping and sampling. Total allowable cost is not to exceed $500.00.

It is believed that an examination of the upper workings will be of benefit to the Government to determine if the lower adit is being driven on the same vein, to determine the rake and size of ore shoots, and to see if there remains any minable ore reserves in the upper workings.

E. A. Magill

GOVERNMENT'S COPY

AMENDMENT NO. 3

It is agreed this 14th day of July 1952, between the the United States of America, acting through the Department of the Interior, Defense Minerals Administration and Addy Mining Co., N. 633 Madelia, Spokane, Wash. (Docket No. DMEA 1466X - tungsten)

each acting in consideration of the agreement of the other to the terms hereinafter set forth, that the Exploration Project Contract Idm-E200 of Nov. 2 1951 between the parties hereto be modified and amended as described in Exhibit "F", attached hereto, which, with any maps or drawings attached thereto, is made a part of this agreement. The effective date of this amendment shall be June 1 1952.

This amendment is made by authority granted the Executive Office, DMA Field Team, Region II in Order No. 2684 by the Acting Secretary of the Interior.

This amendment shall not be construed to increase the estimated total cost of the project, the amount of the Government's contribution, or any item of allowable cost which is expressly designated "Allowable Maximum".

Executed in sextuplicate the day and year first above written.

ADDY MINING COMPANY
(Operator)

By [signature]
Partner

By Walter C. Weller
Partner

The United States of America

By A. E. Weissenborn
A. E. Weissenborn, Exec. Officer
DMEA Field Team, Region II

ADDY MINING COMPANY
Exploration Project Contract Idm-E200

Amendment No. 3

EXHIBIT "F"

Changes and modifications

In paragraph 3 of the contract, delete 9 months (completion period) and substitute 12 months.

In Exhibit "A" under paragraph 1, "Estimated Cost of the Project," delete:

Adit drifting, 650 feet @ $30/ft.	$19,500.00

Add:

Adit drifting and crosscutting, 650 feet @ $30/ft.	$19,500.00

M. E. Volin, Member, DMEA Field Team, Reg. II July 21, 1952

E. A. Magill, Mining Engineer, Bureau of Mines

Amendment No. 3, Addy Mining Co., Stevens County, Wash. - Docket 1466X (tungsten), Contract Idm-E200; Justification.

The subject amendment has been prepared to allow for crosscutting 35 feet into both the foot and hanging walls to determine if the vein which is being drifted upon is the main structure. This crosscutting was thought advisable inasmuch as the drift has reached a point under the ore shoot exposed in the upper workings and the vein in the face has fingered out. Crosscutting rather than long-holing or diamond drilling was recommended because the vein in question varies from a few inches to several feet and easily could be missed by drilling.

E. A. Magill

Fdl:w

cc: USGS (2)
Wash. (3)
EAM (1)

AMENDMENT NO. 2

It is agreed this 6 day of February 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration and Addy Mining Company N. 633 Medalia Spokane, Washington

each acting in consideration of the agreement of the other to the terms hereinafter set forth, that the Exploration Project Contract Idm E 200 of 2 November 1951 between the parties hereto be modified and amended as described in Exhibit "F", attached hereto, which, with any maps or drawings attached thereto, is made a part of this agreement. The effective date of this amendment shall be 2 November 1951.

This amendment is made by authority granted the Executive Officer, DMA Field Team, Region II in Order No. 2653 by the Acting Secretary of the Interior.

This amendment shall not be construed to increase the estimated total cost of the project, the aggregate total amount which the Government may be obligated to pay, or the percentage of costs which the Government may be obligated to pay, under the provisions of Article 13 of the contract form.

Executed in sextuplicate the day and year first above written.

Addy Mining Company
(Operator)

By [signature]

The United States of America

By A. E. Weissenborn

A. E. Weissenborn
Executive Officer, DMEA
~~Field Team, Region II~~

ADDY MINING COMPANY
Stevens County, Washington
DMA Docket 1466X(tungston)
Contract Idm E 200

Amendment No. 2

Exhibit "F"

In Exhibit "A" under:

1. Estimated cost of project

Delete:

Adit drifting, 650 feet at $30/ft.	19,500.00

Add:

Adit drifting, 570 feet at $30/ft.	17,100.00
Rehabilitation and Preparation	2,400.00

GCL

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

So. 157 Howard Street
Spokane 4, Washington

April 17, 1952

Mr. C. D. Mittendorf
Acting Administrator
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Re: Docket DMA 1466, Tungsten
Addy Mining Company
Stevens Co., Washington
Contract Idm-1200

Dear Mr. Mittendorf:

This is in answer to your inquiry of April 4, 1952, regarding the monthly report on the subject property. When the exploration program was originally discussed with the applicant there was considerable debate as to whether to rehabilitate the old adit or to drive a new one. It was decided that driving a new adit would be cheaper. However, when the Operator commenced operations he found the old adit not to be in as bad condition as anticipated and decided that it would be cheaper to rehabilitate it. Rehabilitation of 80 feet of this adit was carried out for a cost of about $1,500.00. This was substantially less than the cost of driving a new adit.

The Operator has listed $2,697.97 for rehabilitation and preparation. This amount includes all expenses incurred during November, December, and January up to the time of actually starting drifting. The $1,618.59 labor item includes labor for construction of a compressor shed and 80 feet of adit rehabilitation.

Through an oversight an amendment to cover this program change was not prepared. An appropriate amendment, 3 copies of which are attached, has been prepared. Thank you for calling this to our attention.

By DMEA Field Team, Region II

A. R. Weissenborn, Executive Officer
(U. S. Geological Survey)

cc: USBM

H. B. Volin, Member
(U. S. Bureau of Mines)

Wash
Government's Copy
Dmeal 1466

AMENDMENT NO. 1

It is agreed this 4th day of February 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration and Addy Mining Co., N. 633 Medalia, Spokane, Wash.

each acting in consideration of the agreement of the other to the terms hereinafter set forth, that the Exploration Project Contract Idm-E200 of November 2 1951 between the parties hereto be modified and amended as described in Exhibit "F", attached hereto, which, with any maps or drawings attached therto, is made a part of this aggrement. The effective date of this amendment shall be November 2 1951.

This amendment is made by authority granted the Executive Office, DMA Field Team, Region II in Order No. 2653 by the Acting Secretary of the Interior.

This amendment shall not be constued to increase the estimated total cost of the project, the aggregate total amount which the Government may be obligated to pay, or the percentage of costs which the Government may be obligated to pay, under the provisions of Article 13 of the contract form.

Executed in sextuplicate the day and year first above written.

ADDY MINING COMPANY
(Operator)

By [signature]
Partner

By Walter C. Weller
Partner

The United States of America

By M. E. Volin
M. E. Volin, Acting Exec. Officer
DMEA, Field Team, Region II

FEB 1 . 1952

ADDY MINING COMPANY
Exploration Project Contract Idm-E200

Amendment No. 1

EXHIBIT "F"

Changes and modifications

(1) In Exhibit "A", Item 3 of the contract, under Operating Equipment to be Purchased, add:

1 Atlas jackhammer	$502.00
1 Electric grinder	100.00
1 Welding kit	80.00

(2) In Exhibit "A", Item 4 of the contract, under Operating Equipment to be Rented, add:

1 Mucking machine	$200.00/mo.

(3) To Exhibit "A" of the contract, add:

Equipment to be furnished by Operator

	Estimated Value	Monthly Allowance
1 Compressor, 210 cfm	$6,000	$100.00

(4) In Exhibit "A", Item 5 of the contract, under Labor and Supervision, change:

Laborer (surface)	from	$13.00 per 8-hr. shift
	to	
Laborer (surface)		$14.00 per 8-hr. shift

OK gcl

MF-200
(June 1951)

G.A.O.

Docket No. DMA
Commodity Tun.
Idm-E200

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT [1]

It is agreed this 2nd day of November, 1951, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2] Addy Mining Company (formerly Tungsten Mines, Inc.), a partnership composed of R. J. Weller and W. C. Weller, N633 Medelia, Spokane, Washington.

hereinafter called the "Operator," as follows:

1. *Authority for contract.* This agreement is entered into under the authority of the Defense Production Act of 1950, pursuant to Mineral Order 5, entitled "Regulations Governing Government Aid in Defense Exploration Projects."

2. *Operator's property rights.* The exploration project shall be conducted on that certain property situated in the State of Washington, County of Stevens described as follows: [3] View No. 1 and View No. 2 Lode Mining claims, and further described in Attachment I.

with respect to which the Operator represents and undertakes: [4]

(*a*) That he is the sole owner, in possession and entitled to possession, and that the property is free of ~~subject only to the following~~ claims, liens, or encumbrances ~~as to which the subordination agreement of the holder is attached~~

(*b*) ~~That he is a lessee in possession and entitled to possession and the subordination agreement of the lessor is attached.~~

3. *Exploration project.* The Operator, within 30 days from the date of this contract shall commence work on a project of exploration for [5] Tungsten; shall prosecute the work efficiently, expertly, in a workmanlike manner, in accordance with good mining standards, with suitable and adequate equipment, materials, and labor, all properly designed to bring the project to completion within a period of [6] 9 months from the date of this contract. The exploration project and the work to be performed are more fully described on Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, is made a part of this contract.

4. *Performance of the work.* The work shall be performed by the Operator, under his sole direction and control: *Provided,* That with the consent of the Government and its written approval of the contract or contracts, all or any part of the work may be performed by the Operator through contract or contracts with independent contractors. The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

5. *Fixtures and improvements.* The Operator shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of the exploration project without any allowance for the use, rental value, depreciation, depletion, or other cost of acquiring, owning, or holding possession thereof. Any additional facilities, buildings, and fixtures, to be purchased, installed, or erected by the Operator, with the estimated cost of each, to which the Government will contribute currently its agreed pro rata share, are listed in Exhibit "A" attached hereto. The difference between the cost of such additional facilities, buildings, or fixtures, and the salvage value thereof at the conclusion of the work, shall be charged as a cost of the project to which the Government has contributed its pro rata share.

6. *Operating equipment.* Any operating equipment to be rented, purchased, or furnished by the Operator, with the allowable rental, purchase price, or depreciation, as the case may be, is listed under appropriate headings in Exhibit "A" attached hereto. As to equipment purchased for the project, the Government will contribute its agreed pro rata share of the cost thereof, and the difference between the cost and the salvage value at the conclusion of the work shall be charged as a cost of the project to which the Government has contributed its pro rata share.

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] State name, address, and nature of organization if any.
[3] Give legal description or enough to identify the property.
[4] Strike out the provision not applicable.
[5] Name of mineral.
[6] Not in excess of 2 years.

7. *Title to and disposition of property.* All facilities, buildings, fixtures, equipment, and other items costing more than $50 each, paid for or purchased with funds contributed jointly by the Operator and the Government, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the termination of the contract, if they have any salvage value, shall be disposed of for their joint account unless the Government, in writing, waives its interest in any such items. The Government may require the dismantling, severance from land, and removal of any such items in order to realize its interest in the salvage value thereof, and the cost of any such removal and of the disposal of the items shall be for the joint account of the parties in proportion to their respective interests.

8. *Labor and supervision.* An itemized schedule of labor, by numbers and classes (miners, muckers, millmen, etc.), and of supervisors, by numbers and positions, with the maximum wages or salaries that may be paid to each as an allowable cost of the project is set forth in Exhibit "A" attached hereto.

9. *Rehabilitation and repairs.* A statement of the cost of any necessary rehabilitation or repairs to put existing facilities, buildings, installations, and fixtures into useful and operable condition and which are to be allowed as costs of the project is included in Exhibit "A."

10. *Allowable costs of the project.* The costs of the project in which the Government will participate are limited to the necessary, reasonable, direct costs of performing the exploration work, including the costs of materials, supplies, engineering, power, water, analytical work, accounting, and utilities, including items of equipment costing less than $50 each; and the costs referred to in Articles 5, 6, 8, and 9, and the exhibits annexed to and referred to in this contract. Although the Government may pay part of the cost of new or additional facilities, structures, buildings, and equipment, only the depreciation on such items, computed as indicated in Articles 5 and 6, will be charged as a cost of the project. No items of general overhead, corporate management, interest, taxes, or any other indirect costs not expressly allowed by these provisions, or work performed or costs incurred before the date of this contract, shall be allowed as costs of the project in which the Government will participate.

11. *Accounts and audits.* The Operator shall keep suitable records and accounts of operations, which the Government may inspect and audit at any time. The Government may at any time require an audit of the Operator's records and accounts by a certified public accountant, the cost thereof to be treated as a cost of the project. The Operator shall keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract.

12. *Progress reports.* The Operator shall provide the Government with monthly reports of work performed under the contract upon forms to be provided by the Government. Each monthly progress report shall bear the certification of the Operator and shall constitute the Operator's invoice of costs incurred on the project during the period covered by the report.

13. *Payment to the Operator.* The monthly progress report (invoice), to the extent approved by the Government, shall be processed for payment by the Government. Payment shall be made in the amount of 75 percent of the approved costs incurred; *Provided,* That the aggregate total of all sums paid by the Government under this agreement shall not exceed $15,967.50, which is 75 percent of the agreed estimated total cost of this project, $21,290.00.

14. *Final reports by Operator.* Upon completion of the project or termination of this contract, the Operator shall provide the Government with a comprehensive geologic and engineering report, including an estimate of ore reserves, to the best of his ability. Four copies of all reports shall be furnished to the Government.

15. *Repayment by Operator.* If, upon the completion of the exploration project or termination of the contract, the Government considers that a discovery or development has resulted from the work from which commercial production of ore may be made, the Government, within 6 months thereafter, shall so certify to the Operator, particularly describing and delimiting its estimate of the discovery or the development. Thereafter, if and as ore is produced as a result of such discovery or development, the Operator and his successor in interest shall be and become obligated to pay to the Government a percentage royalty on the net smelter returns or other net proceeds realized from such ore, concentrates, or metal produced within ten (10) years from the date of this contract, until the total amount contributed by the Government, without interest, is fully repaid or said 10 years have elapsed, whichever occurs first, as follows:

Of net smelter returns or other net proceeds not in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent.

Of net smelter returns or other net proceeds in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent, plus one-half (½) percent for each additional full fifty cents ($0.50) in excess of eight dollars ($8.00) per ton of ore, but not in excess of a maximum of five (5) percent.

This obligation to repay from net returns or proceeds shall be and remain a claim and lien upon the mineral deposit which is the subject of the exploration project and upon any production resulting from such discovery or development, in favor of the Government, until fully paid, or until said 10-year period has elapsed; and this claim and lien and the Government's right to repayment shall survive any termination of the contract, whether by completion of the exploration project or otherwise. This article is not to be construed as imposing any obligation on the Operator or his successor in interest to produce ore from any such discovery or development.

16. *No assignment of contract.* Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder.

17. *Termination and completion.* The Government may, at any time, by written notice to the Operator, terminate this contract: (*a*) If the Operator fails to provide his share of the money necessary to prosecute operations pursuant to the terms of the contract; (*b*) if the Operator, in the opinion of the Government, fails to prosecute operations pursuant to the terms of the contract; or (*c*) if in the opinion of the Government, operations up to the time of the notice have not indicated the probability of making any worthwhile discovery and in the opinion of the Government further operations are not justified. Upon the completion of the project or any termination of the contract the Operator shall render to the Government a full and final accounting of his operations under the contract and his expenditures of money; shall dispose of any unused materials, supplies, and equipment for the joint account of the Operator and the Government in the proportion of their respective interests; and shall pay to the Government its pro-rata share of any money remaining.

Executed in sextuplicate the day and year first above written.

Addy Mining Company
(Operator)

By [signature]
Partner

THE UNITED STATES OF AMERICA

By Frank E. Johnson
Acting Director, Production Expansion Division, Defense Minerals Administration

U. S. GOVERNMENT PRINTING OFFICE 16—64066-2

By _____
Partner

Attachment I

Property Description and Title

The mining property of the Addy Mining Company is situated in T.32N., R.38E., Summit Mining District, Stevens County, Washington. It consist of two patented lode mining claims, View No. 1 and View No. 2 recorded in County Records, Book "P" - patents - page 309.

The Operator acquired title to the claims at Sheriff Auction Sale, October, 1949.

The nearest town and railway point is Addy, Washington, 13 miles to the northeast.

Docket No. DMA-1466X
Tungsten

EXHIBIT "A"

Exploration Project

The exploration project to be performed is the driving of a new adit a distance of 650 feet at an elevation 110 feet below the present upper adit. The new adit will explore a narrow tungsten vein for a length of 650 feet and be driven to a point directly beneath an ore-shoot proven and partly stoped on the level above. Some clearing of surface soil by power shovel at adit entrance is included. (See maps attached).

1. Estimated Cost of Project

Adit drifting, 650 feet at $30/ft.	$19,500.00
Equipment to be purchased (tools)	820.00
Additional facilities-Compressor shed and change room	450.00
Rentals - P-H Power Shovel and truck	520.00
Total Estimated Cost of Project	$21,290.00

2. Fixtures and Improvements

Construction of compressor shed and change room	$450.00

3. Operating Equipment to be Purchased

1 shell for jackhammer	$150.00
1 pressure water tank	50.00
1 ore car	120.00
Small tools, saws, hammers, drills etc.	500.00
Total	$820.00

4. Operating Equipment to be Rented

1 - ½ yd. P-H Shovel - 1 month	$250.00
1 - Pick-up truck - 9 months at $30/mo.	270.00
	$520.00

5. Labor and Supervision

The classification of labor and schedule of prevailing wages is as follows:

Classification and Schedule - Rates per 8 hr. Shift.	
Laborer (surface)	$13.00
Tucker	$14.00
Foreman and miner	$18.24
Shovel operator	19.60
Oiler	14.20

Supervision (part time) $150.00 per month

An estimate of the total labor cost for the project is 50% of 650 x $30 = $8750.00

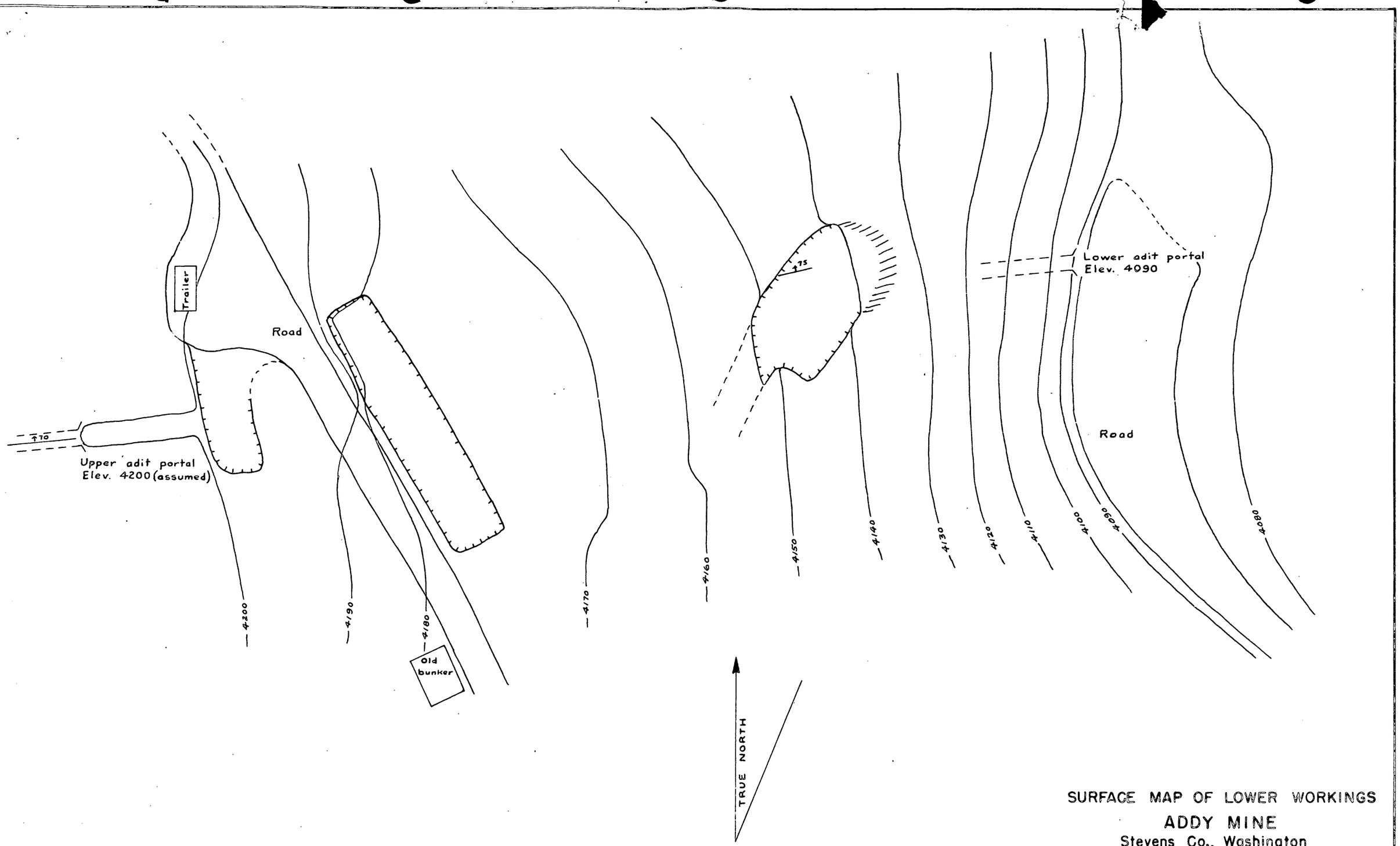
Recapitulation

1.	Estimated cost of project. (Maximum)		$21,290
2.	Fixtures and Improvements Buildings-	$450.00	
3.	Operating Equipment Purchase-	820.00	
4.	Operating Equipment Rented-	520.00	
5.	Labor costs-estimate	8,750.00	
	Balance for Expendable Supplies, powder etc.	8,750.00	
	Total	$21,290.00	$21,290.00

Government's share 75%

Operator's share 25%

Estimated time required for completion - 9 months



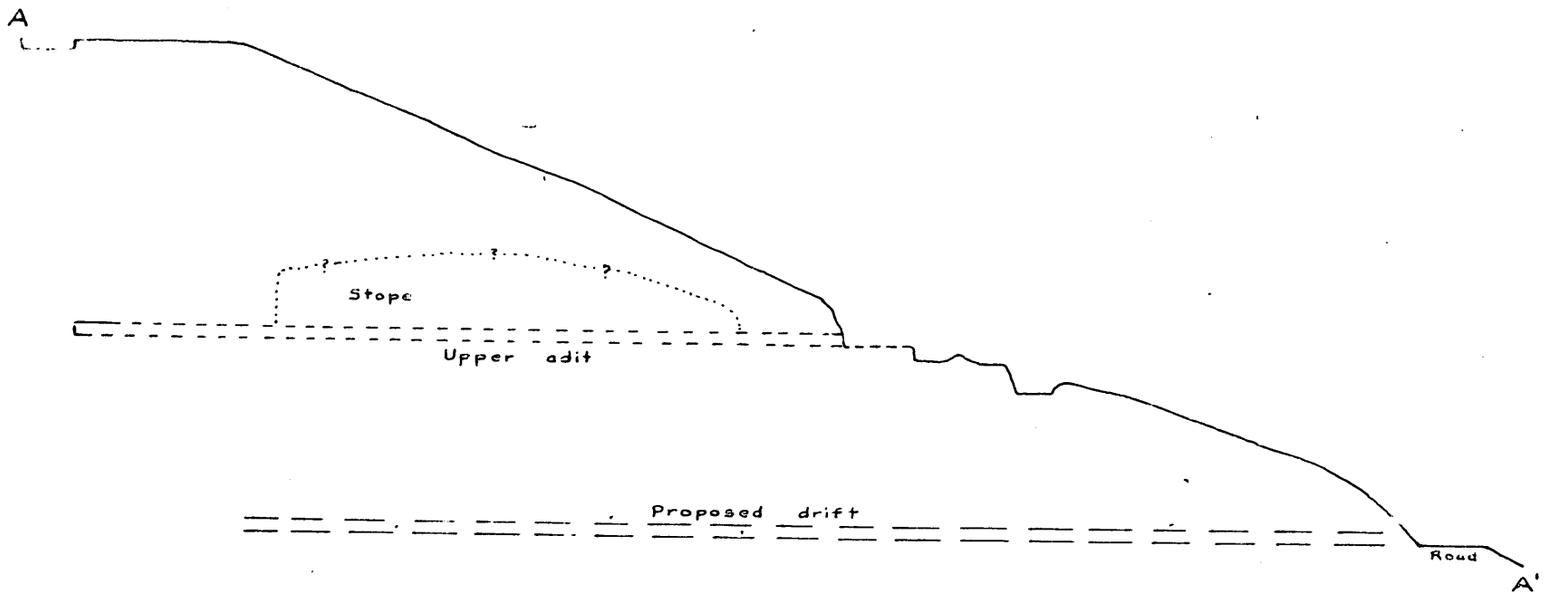
SURFACE MAP OF LOWER WORKINGS

ADDY MINE

Stevens Co., Washington

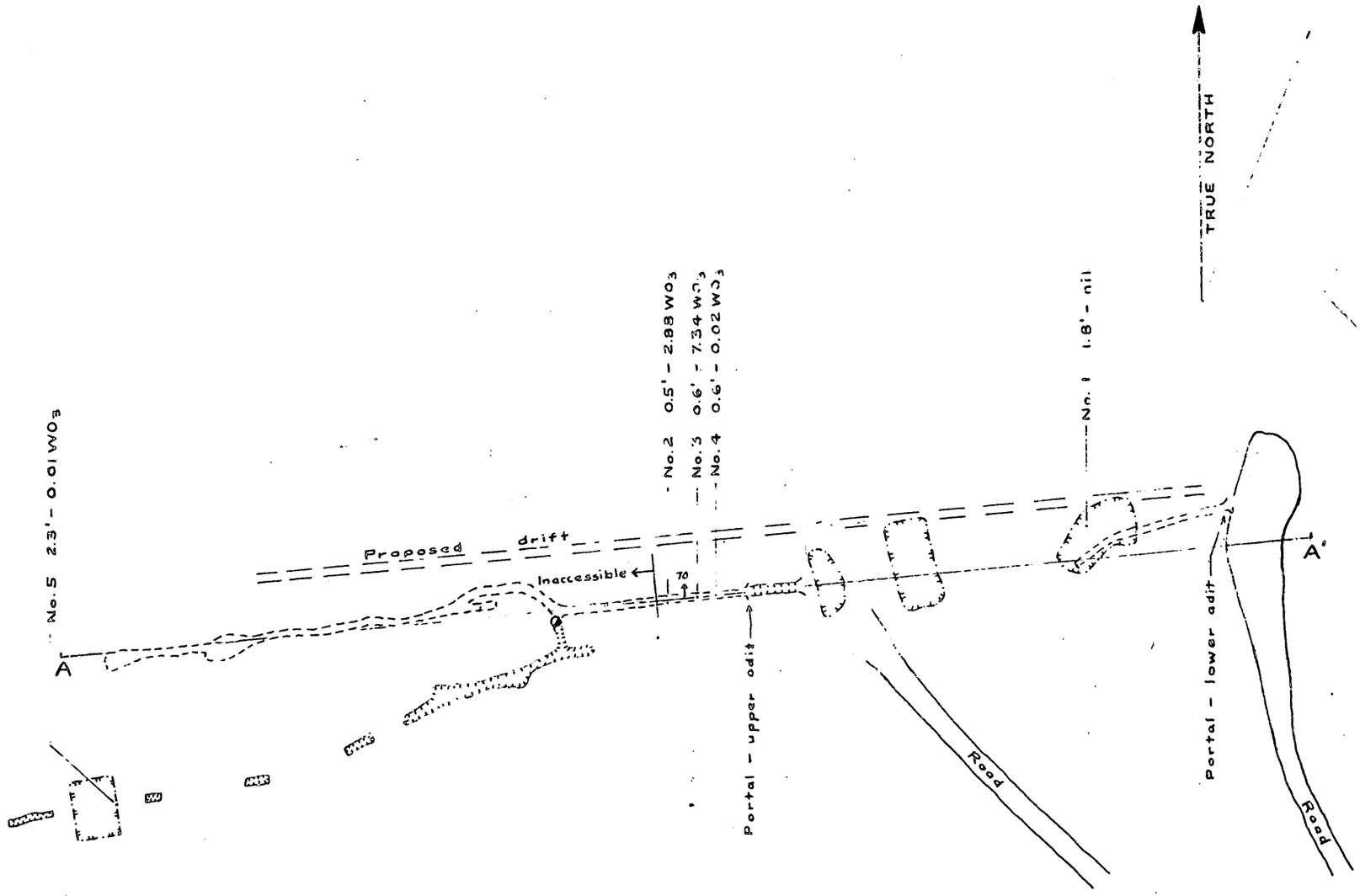
Scale: 1" = 30'

Topography by C.H. Broedel and W.P. Puffett August 1951



LONGITUDINAL SECTION OF
ADDY MINE
Stevens Co., Washington

0 50 100 FEET



COMPOSITE PLAN MAP
SHOWING PROPOSED EXPLORATION
ADDY MINE
Stevens Co., Washington

0 50 100 FEET

Underground workings

Bulldozed pits

Base by C.H. Broedel August 1951

Form MF-103
(April 1951)

DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. dma 1466X

Date received 5-31-51

Participation

Addy Mining Company
N. 633 Madelia
Spokane, Washington

R. J. Weller
502 W. 21st
Spokane, Washington

Name and address of applicant

Date May 21, 1951

FILL IN THIS BLOCK

Date of application May 21, 1951

Estimated cost $6,000.00

Mineral or metal Wolframite Tungsten

Percentage of Government participation 75%

Location of mine Stevens County, Washington

Section 19 T 32 N. R. 38°E.

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property? Owner
6. If owner, state what claims, liens, or encumbrances, if any, are against the property. None
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.
*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.
*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.
15. State in detail how the ore could be shipped and how and where milled.
*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.
*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.
19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    bits (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.
24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

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

Addy Mining Co. (Name of company) By J. R. Seller (Signature of authorized official)

5/24/67 (Date) Owner (Title)

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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Addy Mining Company
N. [illegible]33 Madelia
Spokane, Washington

Form MF-103 Sheet No. 1

1. Refer to Form MF-100

2. Refer to Form MF-100

3. Refer to Form MF-100

4. Refer to Form MF-100

5. Refer to Form MF-100 (Owner)

6. There are no claims, liens, or encumbrances against the property.

7. Does not apply.

8. There are no financial papers to furnish on the Addy Mining Company it being a new venture.

9. $1,500.00
Yes this should pay 25% of the costs of the program as scheduled.

10a. Homestead, entry No 012455 including in it the W½ S.E. ¼ sec. 19 T. 32 N., R. 38 E. W. M. in which these claims are located. Book of Patents page 485. Stevens County, Washington.
b. Same as 10a.

11. The present name is Addy Mining Company, formerly Tungsten Mines Inc.

12. Refer to Form MF-100

13. Refer to Form MF-100

14. Refer to Form MF-100

15. The ore could be trucked into Addy, and shipped by rail to destination. The mill could be set within 10 miles of the mine.

16. Refer to Form MF-100

17. Not in production at the present.

18. Refer to Form MF-100

20. Wolframite Tungsten

21. It is proposed to drift forward in the lower tunnel a distance of about 75 to 100 feet to contact the vein under the new discoveries as indicated on the map with Form MF-100. The time required should not take over 30 days. If the vein is cut, 100 ± feet of drifting is proposed to test the tungsten content of the structure at this level.

22. All data in Form MF-100.

Form MF-103 Sheet No. 2

Ad[illegible]y Mining Company
N[illegible]633 Madelia
Spokane, Washington

23a. 1. Miner at $1.90 per hour plus 20% for foremanship.
2. Two Muckers at $1.75 per hour.
3. Timberman at $1.75 per hour.

b. 1. Superintendent at $500.00 per month.
2. Foreman see no. 23a.,1.

c. No buildings or facilities to repair.

d. Compressor house estimated cost of $150.00.

e. Nothing

f. Nothing

g. D-7 Cat and dozer - - - - - - - - - - - - - - - - $250.00
Compressor - 164.00 per month.
Cost of moving compressor - - - - - - - - - - - - 50.00
Hose)
Steel)
Shovels)
Picks)
Bars) - - - - - - - - - - - - 600.00 per month.
Axes)
Ore Car and Rails)
Timber Saw)
Pickup -170.00 per month.

h. Powder)
Fuse)
Gas)
Oil)
Carbide) - - - - - - - - - - - - - - - - - - 926.60 per month.
Caps)
Bits)
Spikes)

24. About one month.

Addy Mining Company
N. 33 Madelia
Spokane, Washington

Form MF-100 Sheet No. 1

1a. Wolframite Tungsten.
b. None.

2. Addy Mining Company. Formerly the Tungsten Mines Inc..
a. No shafts. a
b. Drift 480 ft. Crosscuts 30 ft.
c. None other than answered in "b".
d. Prospect tunnel 100 feet long and 100 feet lower than old drift. Six open ore-bearing cuts near apex.

Note: All ore above has been stoped above the drift to the grass roots, all operations haveing ceased in Sept. 1939. Mine is not flooded,; is self-draining. Average capacity of mill-feed ore about 25 tons per eight-hour shift.

3a. Nearest town is Addy Washington, 13 miles east and north, located on the Great Northern railroad.
b.
c.d. Sec. 19, T32N, R38E. Stevens County Washington.

4a. Property not in operation.
b. Well be operated as owner.

5. Intermittingly five years of operation from 1930 to 1940. Production to begin in late summer of 1951.

6a. Applicant in general excavating and contracting business for 27 years, of which 13 years has been and still is his own business in partnership with a brother. Applicant has been closely and actively interested in this mining property since 1931; took charge of its operation for a couple years.
b. Man to be in charge of operations under the applicant has had fifteen years experience in lead, silver, and gold mines.

7a.

Three mining locations were staked by G. L. Stockwell in 1916 the Apex, Hercules and Tungsten. This was during the World War and he mined in open cuts, hand sorted and sold the crude ore. He never kept any record of his production but turned it over to merchants who in turn sold it to ore buyers. When the price of Tungsten dropped he quit, allowed the claims to lay without doing the annual assessment work.

On January 24th 1927 Fred O. Stalder took up a stock raising Homestead, entry No 012455 including in it the W½ N.E.¼, and the W½ S.E.¼ sec. 19, T. 32 N., R. 38 E., W.M. in which these claims were located. Book of Patents Page 485.

On November 19th 1929 Wells J. McGowan located View No. 1 and View No. 2 lode Mining Locations over the abandonded mining locations of G. L. Stockwell of 1916, recorded Nov. 26th 1929 Book 21 "Quartz Records" page 607-608.

On Dec. 27th 1929 Wells J. McGowan deeded a two thirds interest in View No. 1 and View No. 2. to James P. Reed and M. E. Lewis lode claims Recorded May 12th 1930 Book "R" Mining Deeds Page 622.

On May 8th 1930 Wells J. McGowan deeded a one thirds interest in View No. 1 and View No. 2 to Clarence Watt, recorded Aug. 21st 1930 Book "T" Mining Deeds Page 224.

On October 17th 1930 M. E. Lewis et al deeded his one third interest in View No. 1 and View No. 2 to Ella Mae Ziegler, recorded Oct. 24th 1930 Book "R" Mining Deeds, page 627.

On January 16th 1931 Ella Mae Ziegler deeded her one third interest in View No. 1 and View No. 2 to W. G. Reed recorded February 2nd 1931 Book "R" Mining Deeds Page 633.

On March 3rd 1931 James P. Reed, W. G. Reed and Clarence H. Watt deeded View No. 1 and View No. 2 mining claims to the Tungsten Mines Inc. of Addy, Wash. Book "T" Mining Deeds Page 249.

On February 20th 1931 James P. Reed, W. G. Reed and C. H. Watt Incorporated the Tungsten Mines Inc. in the state of Washington Recorded June 27th 1931 Filed 886.

On May 26th 1935 Fred Stalder gave his consent to the use of the surface on View No. 1 and No. 2 and other mining claims adjoining them of the Tungsten Mines Inc. on record June 21st 1935. Book "92" of Deed page 283.

During 1930 and 31 under the management of James P. Reed the property was actively worked, developed and production made from the surface cuts and the stope on the south vein and a mill erected as per my report of August 12th 1931. No records were kept of the production. Reed disposing of the sorted ore and concentrates and making such disposition of the money as he seen fit, not paying the bills and labor. At the time of the examination on August 12th 1931 extimated that about ten tons of Wolframite had been produced 1930 and 31.

George H. Weller, a stockholder took over the Reed's interest paid up the bills cleared off the labor liens and resumed operation. On Oct. 11th 1931 after G. H. Weller had taken it over and again on March 16th 1932 he was mining ore from the development of the North vein and running the mill. Three of four tons of concentrates were made, some of this was being stolen after he shut down and he took 5300 lbs for safe keeping and stored in his basement in Spokane. Of this there is a complete analysis made on Aug. 28th 1934. He turned them over to another party in lieu of cash and no other record of them is obtainable.

On Feb. 19th 1935 amended locations were filed on claims View No. 1 and View No. 2 by the Tungsten Mines Inc. on record Feb. 27th 1935. Book Quartz Records "19" pages 137, 139, 140.

Application for survey for patent was made and an order issued for Charles H. Goodsell, U. S. Deputy Mineral Surveyor and survey made of View No. 1 and View No. 2, March 16th and 17th 1935, approved by the U. S. Cadastral Engineer. Williamson S. Clark April 1st 1935. All of the requirements of posting, advertising and paying the money and receiving the final certificate were done by Mr. G. H. Weller and the Patent from the United States of America to the Tungsten Mines Inc. was issued May 8th 1936 and recorded January 24th 1941. Book "P" Patents page 309.

On Feb. 3rd 1936 a Lease and bond was given to J. R. Foster with a value of $250,000.00. Foster started operations and made a shipment of concentrates to an ore buyer in Chicago, while there is an assay made by Robert W. Hunt Co., there is no record of the weight or settlement for it. Book "F" Leases pages 622.

On Sept. 27th 1936 J. R. Foster assigned his Lease and Bond to the Washington Metals Inc. This Company, E. C. Knapp of Spokane, Mgr., shipped a total of 6839 lbs of concentrate contanining 4404 lbs of WO_3. A complete record was kept of this. This only represents a part of the ore produced as it is a known fact and admitted by those who did it that they systematically stole from 25 to 30 lbs a day while they were working. Knapp rarely ever went up to the mine and trusted the men. This ore was traded in at stores for supplies and cash of course at considerably less than it was worth but it is safe to say that two tons were taken. Book "F" Leases page 625.

The Washington Metals had cleaned up all the developed ore, started a tunnel 117 ft. lower than the main tunnel and got in about 60 ft. They could not find any ore there and did not have the money to continue 300 ft. more to cut the ore shoot of the South vein and quit in 1939.

In 1940 G. H. Weller Pres. Tungsten Mines Inc. had the lower tunnel extended 100 ft. on a contract.

In 1944 approximately, G. H. Weller dissolved The Tungsten Mines Incorporated and in 1947 he passed away. In Oct. 1949 his son R. J. Weller bought View No. 1 and No. 2 at Sheriff Auction and did not begin any operations until this spring in 1951. This spring R. J. Weller used a bulldozer for a few days and uncovered the vein in three various places to verify the continuation of the old vein. The vein was found to follow the same magnetic course as in the old workings. Mr. Warren Hobbs of the U. S. Geological Survey was up there on an inspection trip and checked the new locations of the vein.

Addy Mining Company
N. 633 Madelia
Spokane, Washington

12a. The country rock is a Biotite Orthoclase Granite which has intruded and metamorphosed the sedimentary rocks of northeastern Washington, was accompanied by mineral bearing solutions, which made all the mineral deposits of which there are a great variety. It is the same Granite, intruded at the same time as the other Tungsten deposits of the well known Germania mine near Deer Trail, 18 miles south and the Tungsten King 23 miles south east.

Tungsten ores are to be found in this Granite in varying amounts where ever it occurs in north east Washington. The Germania mine is the oldest commercial producer of Tungsten in North America. The use of Tungsten in making self tempering steel was worked out and used in Germany before 1910. Their supply of Tungsten came entirely from this mine which was owned by German interests. It was confiscated during the First World war and was taken over by Seattle interests. It has produced off and on for over 25 years and is not exhausted rather unusual for Tungsten deposits which are usually in small lenses as in Boulder Co., Colo., and Dragoon, Ariz.,

On the property the ore occurs in a number of small quartz veins 6-15 inches in width with a strike S. 85 W. and a dip towards the north. The solutions bearing the Tungsten found their way along fractures and deposited in veins with length and to depth. With the exception of the Germania deposits this is unusual, but when it does it givea assurance that the deposit can be expected to have a long life as a producer.

A tunnel 180 ft. in length driven into unaltered ground and a vein opened for a length of 80 ft. and stoped up 30 ft. above the tunnel. The end of the tunnel was turned towards the northwest, crosscutting and at 13 ft. cut another parallel vein. These veins have a quartz gangue with a little Calcite, widths of 5-16 ins. with considerable penetration into the Granite on either side. The mineral is Wolframite (Manganese Tungstate), Seheelite (Calcium Tungstate) a Little Ferberite (Iron Tungstate) and some Magannese Dioxide. There are no pyrite or sulphide minerals as in the Germania Mine. The absence of which makes it easily concentrated and a desirable ore enabling a concentrate with a very high precent of Tungsten.

The showings of the vein in the cuts for a length of 500 ft. indicates a persistent vein instead of a series of short lenses as is usual in deposits from which commerical production can be obtained.

Instead of taking numerous samples in the mine, samples were taken in the mill and the value of the mill feed determined. The ore was mined from the stope between chutes #3 and #4.

Addy M[illegible]ing Company
N. 633 Madelia
Spokane, Washington

This assayed 3.3% tungstic Acid.

The area in which the property is located is just west of the Chewelah Quadrangle of which the topography has been mapped.

The Northeastern Corner of the state including Pend Oreille, Stevens and Ferry counties and the West Kootenai British Columbia are one geological province, the rocks are Palaeozoic sedimentaries broken and metamorphosed by the instrusion of Granite called the Loon Lake Granite in the U. S. and the Nelson Granite in British Columbia. Mineralizing solutions were active producing ore deposits all over the area. The large Magnesite deposits 20 miles to the south are oen of the products. The Zinc-Lead deposits of Pend Oreille and Stevens county and the Gold deposits of the Ymir Dist., Rossland Dist. British Columbia and Ferry County were others.

The country rock on the property is a Biotite, Orthoclase Granite outcropping on the crest of the divide between the Colville and Columbia rivers flanked by uplifted and Metamorphosed sedimentaries. The tungsten mineralization is in veins in fractured and leached zones in the granite associated with Diorite Dykes cutting across.

The dyke was cut near the end of the drift on the North vein, which evidentaly was displaced. The broken granite zone is 60 ft. in width with two known veins in it and possibly more. To the west of the dyke. the displaced South vein has been opened in 1916 on the crest of the ridge and some very high grade Wolframite been mined out of the trench, now filled up. From this point a vein has been traced to the west 500 ft. To the south it has been traced down the ridge for 1000 ft. and substantial showings of Wolframite occur along it. Both in '31 and '37 seriously considered the driving of a drift along the one to the south from a point 300 ft. lower than the present workings. This would have obtained depth from a point where a road on an easy grade could be driven and had far better working conditions.

There are numerous occurrences of Tungsten ores in Stevens county, the most out standing being the Germania, or pre World War reputation, about 40 miles to the south. One at Red Top Mt. where sheelite is associated with Galena. There are also numerous other occurrences but outside of the Germania none of them give promise of continity with depth as well as does the veins on this property.

The North vein has never been followed east from where it is cut but it is continuous in the bottom of the drift for 200 ft. with widths from 6-16 inches of Quartz Wolframite and some Scheelite all of the production from '31 to date came from this vein on which stopes were carried up until it pinched out at between 40 and 50 ft. above the level with the greatest width and value in the bottom of the drift.

Addy M[illegible]ing Company
N. 633 Madelia
Spokane, Washington

Form MF-100 Sheet No. 6

12b. Description of Mine Samples

(1) 15 in. vein face of drift on North vein, Mar 16th 1932 taken and panned for assy, 75% of concentrate figured as W O_3 by H. H. Eby with report of that date.
3.5% w O_3

(2) Channel cut across 5½ ft. width of face Mar. 16th 1932 panned for assay as was sample #1 North vein
0.6% W O_3

(3) High grade out of 8 in. vein face of drift North vein taken by G. H. Weller Sept. 7th 1933.
57.3% W O_3 W. H. Stowell & Co. #103471

(4) High grade out of 6 in. vein face of drift, North Vein by G. H. Weller Sept. 15th 1933
72.29% W O_3 V. M. Fasset & Co. #105277

(5) 8 in. vein on bottom 12ft. E. of Crosscut, North vein by H. J. Eby Nov. 14th 1940
5.2% W O_3 W. H. Stowell & Co. #128738

(6) 8 in. on South vein east side of Crosscut, 46ft. South of North vein by J. H. Eby Nov. 14th 1940.
0.80% W O_3 W. H. Stowell & Co. #127537

(7) 10 in. width, south vein in drift 47 ft. west of crosscut by H. J. Eby Nov. 14th 1940 Panned for assay like #1
0.10% W O_3

(8) On back at Chute #11 North vein, 8 in. quartz and ore. by J. H. Eby and A. H. Alban Mar 5th 1941 took #80 #14 inc.
1.1% W O_3 W. H. Stowell & Co. #129090

(9) On foot, 10 ft. W. of chute #8. 12 ins. wide North Vein
1.4% W O_3 W. H. Stowell & Co. #129091

(10) On foot at Chute #8 North Vein 10 ins. wide
0.9% W. H. Stowell & Co. #129092

(11) In bottom at crosscut South on North Vein 14 in.
4.2% W O_3 W. H. Stowell & Co. #129293

(12) Of foot at Chute #4 North Vein 8 ins. width
0.9% W O_3 W. H. Stowell & Co. #129294

(13) On back at first manway South vein 6-8 ins.
2.1% W O_3 W. H. Stowell & Co. #139295

(14) On foot Chute #5 South Vein 15 ins. wide
1.6% W O_3 W. H. Stowell & Co. #129296

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. dma 1466X

Date received 5-31-51

Addy Mining Company
N. 633 Madelia
Spokane, Washington

Name and address of applicant

Date May 21, 1951

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) Necessity Certificate pursuant to the provisions of Sec. 124-A (Amortization Deduction) of Internal Revenue Code, 1950, (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - [X] Owner.
   - [ ] Lessee.
   - [ ] Contractor.
5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*b*) State briefly the known history and production of adjoining and neighboring properties. None
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
R. J. Weller 502 W. 21st, Spokane, Washington	Partner	None as yet					None as yet
W. C. Weller 211 W. 18th Spokane, Washington	Partner	None as yet					None as yet
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues: None

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production: Not operated during this period.

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

CERTIFICATION

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

Addy Mining Co.
(Name of company)

By [signature]
(Signature of authorized official)

5/22/51
(Date)

Owner
(Title)

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

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

MINE WORKINGS

ADDY MINING CO.

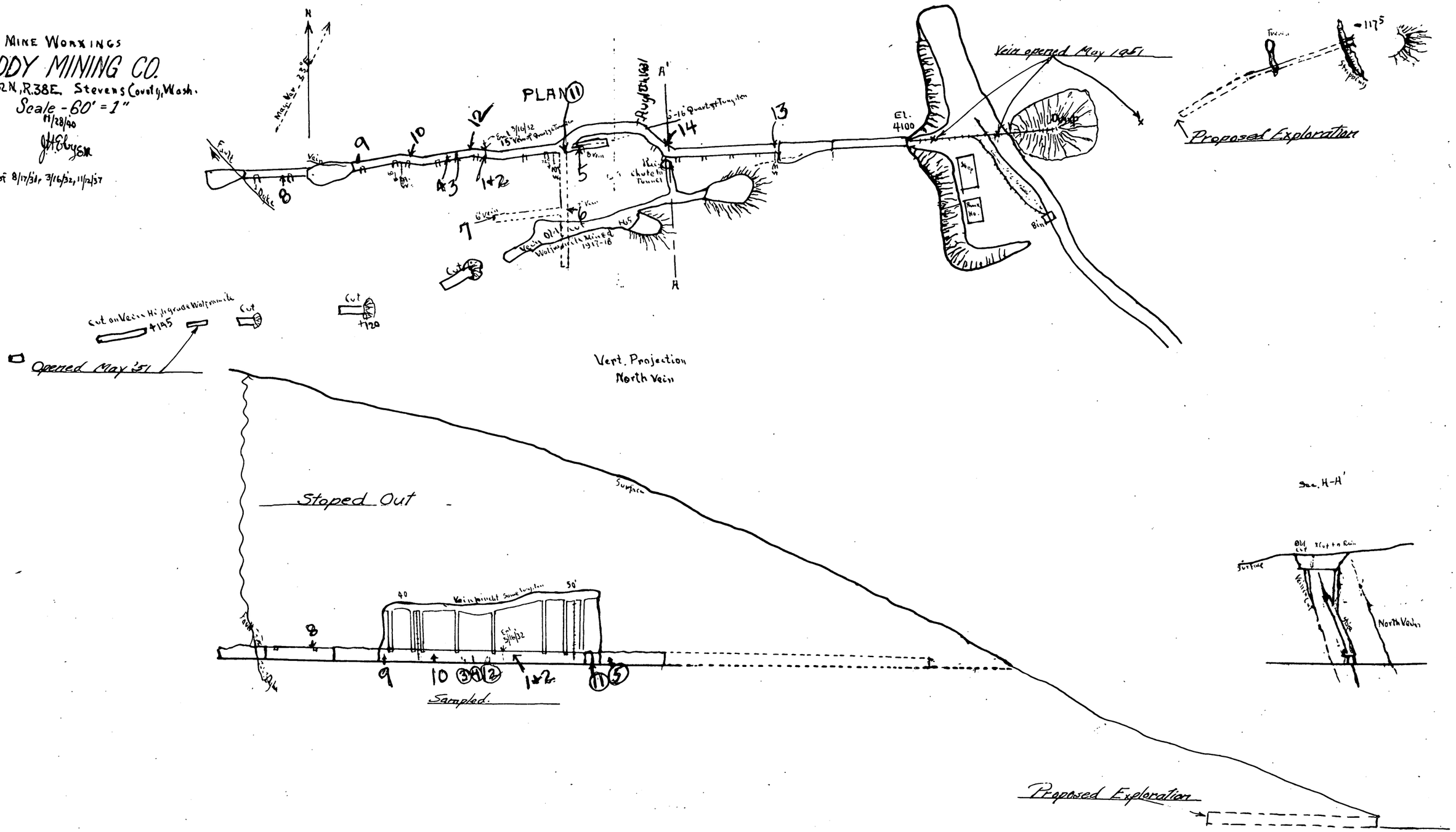
Sec. 19, T. 32 N., R. 38 E. Stevens County, Wash.

Scale - 60' = 1"

11/28/40

J. H. Clyson

Note
from surveys of 8/17/31, 3/16/32, 11/2/37



Standard Form No. 1044—Revised
Form approved by Comptroller General U. S.
June 25, 1936

SCHEDULE OF COLLECTIONS

Schedule No. 40

Sheet No. 1

DEPARTMENT OF THE INTERIOR
(Department or Establishment)

DEFENSE MINERALS EXPLORATION ADMINISTRATION
(Bureau or Office)

Received by A. O. WAHLERS, Regional Disbursing Officer (Name) (Title) at Portland, Oregon (Station)

Period May - 1954 (Month or quarter ended) 14-23-020

D. O. Symbol No. 420

Date Received	Receipt Number	Name of Remitter	Detail Description of Purpose for Which Collections Were Received	Amount	Fund to be Credited (Symbol and title in full)
1954					
5/18/54	------	Treasurer of the United States	Royalty payment on ore shipped, Contract Idm-E604, Irving and Nelson	$18.40	14X4401 Revolving Fund, Defense Minerals Production Act, Interior
5/18	------	Weller Brothers	For purchase of Government's equity in jointly owned equipment, Contract Idm-E200, Addy Mining Company	50.00	do
			SUMMARY 14X4401 - $68.40		
			Total,	$68.40	

Received _____, subject to collection.

Forwarded May 18, 1954

A. O. Wahlers, Regional Disbursing Officer
(Disbursing clerk or accountable officer)

By _____

By _____ (Name) H. J. Hindman

Title Authorized Certifying Officer

Certificate of Deposit No. _____ dated _____

☆ U. S. GOVERNMENT PRINTING OFFICE 10—1790

Government's Copy

DISPOSAL OF GOVERNMENT'S INTEREST IN PROPERTY

(FORM A)

1/ To: Weller Brothers

No. 633 Madelia Street

Spokane, Washington

The United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, for a valuable consideration hereby sells, assigns, transfers and sets over to you all of its right, title and interest in all property acquired under Exploration Project Contract Idm-E 209, Docket No. DMEA 1466, dated November 2, 1951 (which is listed below: 2/

600 feet of 2" pipe
1,200 feet of 12# rail

Dated May 11, 1954 THE UNITED STATES OF AMERICA

By A. E. Weissenborn
A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II
Title

1/ Insert name of purchaser.

2/ If the Government's interest in all property is being transferred at one time, strike the words "which is listed below." If the Government's interest in less than all property is being transferred, list the property being transferred, in the space provided, or if there is insufficient space provided, write in the space on the form the words "See Exhibit 1, attached hereto and made a part hereof," and attach list entitled "Exhibit 1" to form.

3/53

Standard Form No. 1034a—Revised
Form prescribed by
Comptroller General, U. S.
September 7, 1950
(Gen. Reg. No. 51, Supp. No. 11)

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

D. O. Vou. No. .....

Bu. Vou. No. 912

U. S. .....
(Department, bureau, or establishment)

Voucher prepared at 9/23/53
(Give place and date)

THE UNITED STATES, Dr., Payee's Account No. Idm-E200

To Addy Mining Company
(Payee)

N. 633 Madelia Street, Spokane, Washington
(Address) (City) (State)

PAID BY

(For use of Paying Office)

No. and Date of Order	Date of Delivery or Service	ARTICLES OR SERVICES (Enter description, item number of contract or Federal supply schedule, and other information deemed necessary) Discount Terms	QUANTITY	UNIT PRICE Cost	UNIT PRICE Per	AMOUNT Dollars	AMOUNT Cts.
	Sept. 1952	Balance due on final MF-104 as per Mr. Turner's audit dated 8/10/53. See audit report for corrections and deletions				$341.	13
PAYMENT: Complete ☐ Partial ☐ Final ☐		FINAL PAYMENT					
		Use continuation sheet(s) if necessary					

Shipped from to Weight Government B/L No. Total $341. 13

(Payee must NOT use this space)

Differences .....

Account verified; correct for $341. 13

(Signature or initials) .....

Contract No. Date Req. No. Date Invoice Rec'd.

MEMORANDUM

ACCOUNTING CLASSIFICATION (For completion by Administrative Office)

Appropriation, limitation, or project symbol	Appropriation title	Limit'n. or Proj't. Amount	Appropriation Amount
14X4401	Defense Minerals Production Act, Interior	$341.13	$341.13

Allotment symbol	Amount	Obligations liquidated	COST ACCOUNT Symbol	COST ACCOUNT Amount	OBJECTIVE CLASSIFICATION Symbol	OBJECTIVE CLASSIFICATION Amount

Paid by { Check No. ..... dated ....., 19....., for $..... } on Treasurer of the United States in favor of payee named above.
{ Cash, $....., on ....., 19.....

16—22900a-2

METHOD OF OR ABSENCE OF ADVERTISING

METHOD OF ADVERTISING

1. Advertising in newspapers Yes ☐ No ☐
2. (*a*) Advertising by circular letters sent to ..... dealers.
   (*b*) And by notices posted in public places Yes ☐ No ☐.

   (If notices were not posted in addition to advertising by circular letters sent to dealers, explanation of such omission must be made below.)

ABSENCE OF ADVERTISING

3. Without advertising, under an exigency of the service which existed prior to the order and would not admit of the delay incident to advertising.
4. Without advertising in accordance with .....
5. Without advertising, it being impracticable to secure competition because of .....

.....

.....

.....

.....

(Here state in detail the nature of the exigency or circumstances under which the securing of competition was impracticable under 3 and 4)

NOTE.—The above form "Method of or Absence of Advertising" is to be used when purchases are made or services secured under proper authority without written agreement in any form. In case of a written agreement (formal contract, proposal, and acceptance, or less formal agreement) Standard Form No. 1036—Revised should be used for abstracting the method of or absence of advertising and award of contract. (See General Regulations No. 51, as amended.)

☆ U. S. GOVERNMENT PRINTING OFFICE : 1950 O—75805

16—22900a-2

Standard Form No. 1034a—Revised
Form prescribed by
Comptroller General, U. S.
September 7, 1950
(Gen. Reg. No. 51, Supp. No. 11)

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

D. O. Vou. No. .....

Bu. Vou. No. .....

RECEIVED NOV 17 1952

U. S. Interior, Mines (Department, bureau, or establishment)

Voucher prepared at Juneau, Alaska (Give place and date)

THE UNITED STATES, Dr., Payee's Account No. [illegible]

To Ally Mining Company (Payee)

[illegible] (Address), Juneau, Alaska (City) (State)

PAID BY

(For use of Paying Office)

No. and Date of Order	Date of Delivery or Service	ARTICLES OR SERVICES (Enter description, item number of contract or Federal supply schedule, and other information deemed necessary) Discount Terms	QUANTITY	UNIT PRICE Cost	UNIT PRICE Per	AMOUNT Dollars	AMOUNT Cts.
	Sept 1952	As per returns certified form [illegible] dated 10/21/52.				72.	66
PAYMENT: Complete ☐ Partial ☐ Final ☐		Use continuation sheet(s) if necessary					

Shipped from to Weight Government B/L No. Total 72.66

(Payee must NOT use this space)

Differences .....

Account verified; correct for 72.66

(Signature or initials) .....

Contract No. [illegible] Date Req. No. Date Invoice Rec'd.

72.66

MEMORANDUM

[illegible]

ACCOUNTING CLASSIFICATION (For completion by Administrative Office)

Appropriation, limitation, or project symbol	Appropriation title	Limit'n. or Proj't. Amount	Appropriation Amount
[illegible]	Strategic Bureau, Defense Production Act Interior	72.66	72.66

Allotment symbol	Amount	Obligations liquidated	COST ACCOUNT Symbol	COST ACCOUNT Amount	OBJECTIVE CLASSIFICATION Symbol	OBJECTIVE CLASSIFICATION Amount

Paid by { Check No. ..... dated ....., 19....., for $..... } on Treasurer of the United States in favor of payee named above.
Cash, $....., on ....., 19.....

16—22900a-2

METHOD OF OR ABSENCE OF ADVERTISING

METHOD OF ADVERTISING

1. Advertising in newspapers Yes ☐ No ☐.
2. (*a*) Advertising by circular letters sent to ..... dealers.
   (*b*) And by notices posted in public places Yes ☐ No ☐.

   (If notices were not posted in addition to advertising by circular letters sent to dealers, explanation of such omission must be made below.)

ABSENCE OF ADVERTISING

3. Without advertising, under an exigency of the service which existed prior to the order and would not admit of the delay incident to advertising.
4. Without advertising in accordance with .....
5. Without advertising, it being impracticable to secure competition because of .....

.....

.....

.....

.....

(Here state in detail the nature of the exigency or circumstances under which the securing of competition was impracticable under 3 and 4)

NOTE.—The above form "Method of or Absence of Advertising" is to be used when purchases are made or services secured under proper authority without written agreement in any form. In case of a written agreement (formal contract, proposal, and acceptance, or less formal agreement) Standard Form No. 1036—Revised should be used for abstracting the method of or absence of advertising and award of contract. (See General Regulations No. 51, as amended.)

U. S. GOVERNMENT PRINTING OFFICE : 1950 O—75805

16—22000a-2

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

Wash

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Budget Bureau No. 42-R1036.3.
Defense Minerals Administration
Approval expires 5-30-53.
RECEIVED
NOV 17 1952

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of September 30, 1952 Docket No. DMEA 1466X Contract No. Idm-E-200
Operator's Name Addy Mining Company Minerals
Address N. 633 Madelia, Spokane, Washington
Contract Amount, $21,290.00 Government Participation: 75 % Amount, $15,967.00

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						
Drifting						
(2) Labor and Supervision:						
Labor	1228.11	8536.56	9764.67			
Supervision		1200.00	1200.00			
Technical Services	25.00	235.00	260.00			
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives		1093.21	1093.21			
Pipe						
Track		500.04	500.04			
Gas Oil & Diesel	40.99	954.36	995.35			
Steel & Tools	8.31	1159.98	1168.29			
(4) Operating Equipment:						
Rental	230.00	1685.00	1915.00			
Purchase		790.13	790.13			
Depreciation	100.00	900.00	1000.00			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		284.49	284.49			
(7) Miscellaneous:						
Repairs to Equipment	11.38	151.40	162.78			
Sampling and Analysis		9.00	9.00			
Payroll Taxes	118.84	906.10	1024.94			
Liability Insurance		35.26	25.26			
Transportation		199.30	199.30			
(8) Contingencies (specify):						
General & Office	4.50	43.70	48.20	3.60		
				1266.83		.76
TOTALS	1767.13	18683.53	20450.66	1266.22	18683.53	20449.75

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

Date September 21/52 Payee Addy Mining Company

Per [signature] 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:

$ 724.66

Signature [signature]
(Authorized Certifying Officer)

Date Vou. No.
(See other side)

$800.00 held back until final audit. (75% of 966.22)

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

Signature ..... Title ..... Date .....

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature ..... Title ..... Date .....

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-10-A
(April 1952)

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 17 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Sept. 20 1952 Docket No. DMEA 1466X Contract No. Idm-E-200
Operator's Name Addy Mining Company Minerals
Address N. 633 Madelia, Spokane, Washington

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	1275.13	17	17217.32	544		650 ft	
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
								21,290.00
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased				898.28				
Initial Rehabilitation and Repairs				2050.57				
New Buildings, Improvements, etc.				284.49				
TOTAL COSTS				3233.34				

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 Oct. 21, 1952 Operator Addy Mining Company

Per J. Weller Title Partner

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

ADDY MINING COMPANY
N. 633 MADELIA AVE. SPOKANE, WASH.

October 23, 1952

United States
Department of The Interior
Defense Mineral Administration
1201 N. Division Street
Spokane, Washington

Dear Sirs:

The crew went back to work on Wednesday September 3rd. Both the mucking machine and the drifter broke down, necessitating a trip to Spokane for repairs and parts. Got going on Friday and Saturday and continued on until Saturday September 20th. On this day the Foreman and two miners went to Spokane, but left the Company four by four Dodge truck at Addy. Saturday night the two miners went by bus back to Addy, got drunk and took the Dodge back towards the mine but wound up in the bottom of a ravine, wrecking the truck and nearly killing one man. The report came by phone to me on the following Monday from the Foreman. I reprimanded the foreman over the phone for allowing the men to use the truck which was contrary to a firm rule set by me. The result was, no truck, no men, and the Foreman turned in his keys and books and quit.

There were three rounds made for 16.5 feet in barren rock. Three stes of timber were set in the new drift. About 76 man hours was used in cleaning out old upper workings and setting in new timbers. We are not having much luck getting organized to resume operations.

Very truly yours,

G. Weller

ADDY MINING COMPANY

Standard Form No. 1034a—Revised
Form prescribed by
Comptroller General, U. S.
September 7, 1950
(Gen. Reg. No. 51, Supp. No. 11)

Washington

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

D. O. Vou. No. .....

Bu. Vou. No. DMA-428

U. S. Interior, Mines
(Department, bureau, or establishment)

Voucher prepared at Albany, Oregon 10/16/52
(Give place and date)

THE UNITED STATES, Dr., Payee's Account No. Idm-E-200

To Addy Mining Company,
(Payee)

N. 633 Madelia, Spokane, Washington
(Address) (City) (State)

PAID BY

(For use of Paying Office)

No. and Date of Order	Date of Delivery or Service	ARTICLES OR SERVICES (Enter description, item number of contract or Federal supply schedule, and other information deemed necessary)	QUANTITY	UNIT PRICE Cost	UNIT PRICE Per	AMOUNT Dollars	AMOUNT Cts.
	August 1952	Discount Terms net As per attached certified form MF-104 dated September 10, 1952				475	96

PAYMENT:
Complete ☐
Partial ☐
Final ☐

Use continuation sheet(s) if necessary

Shipped from to Weight Government B/L No. Total 475 96

(Payee must NOT use this space)

Differences .....

Account verified; correct for 475 96

(Signature or initials) .....

Contract No. Idm-E-200 Date Req. No. Date Invoice Rec'd.

475.96

MEMORANDUM

ACCOUNTING CLASSIFICATION (For completion by Administrative Office)

Appropriation, limitation, or project symbol	Appropriation title	Limit'n. or Proj't. Amount	Appropriation Amount
14X4401	Revolving Fund, Defense Production Act, Interior	475.96	475.96

Allotment symbol	Amount	Obligations liquidated	COST ACCOUNT Symbol	COST ACCOUNT Amount	OBJECTIVE CLASSIFICATION Symbol	OBJECTIVE CLASSIFICATION Amount

Paid by { Check No. ..... dated ....., 19....., for $..... } on Treasurer of the United States in favor of payee named above.
Cash, $....., on ....., 19.....

OCT 24 1952

16—22900a-2

Note - Complaints of [illegible]

METHOD OF OR ABSENCE OF ADVERTISING

METHOD OF ADVERTISING

1. Advertising in newspapers Yes ☐ No ☐.
2. (*a*) Advertising by circular letters sent to ..... dealers.
   (*b*) And by notices posted in public places Yes ☐ No ☐.

   (If notices were not posted in addition to advertising by circular letters sent to dealers, explanation of such omission must be made below.)

ABSENCE OF ADVERTISING

3. Without advertising, under an exigency of the service which existed prior to the order and would not admit of the delay incident to advertising.
4. Without advertising in accordance with .....
5. Without advertising, it being impracticable to secure competition because of .....

.....

.....

.....

.....

(Here state in detail the nature of the exigency or circumstances under which the securing of competition was impracticable under 3 and 4)

NOTE.—The above form "Method of or Absence of Advertising" is to be used when purchases are made or services secured under proper authority without written agreement in any form. In case of a written agreement (formal contract, proposal, and acceptance, or less formal agreement) Standard Form No. 1036—Revised should be used for abstracting the method of or absence of advertising and award of contract. (See General Regulations No. 51, as amended.)

U. S. GOVERNMENT PRINTING OFFICE : 1950 O—75805

16—22000a-2

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

Wash

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of August 31, 195 52 Docket No. DMEA 1466X Contract No. Idm-E-200
Operator's Name Addy Mining Company, Minerals
Address N. 633 Madelia, Spokane, Washington
Contract Amount, $ 21,290.00 Government Participation: 75 % Amount, $ 15,967.00

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						
Drifting						
(2) Labor and Supervision:						
Labor	429.52	8536.56	8966.08	—o—	8536.56	8536.56
Supervision	-0-	1200.00	1200.00	—o—	1200.00	1200.00
Technical Services	34.00	210.00	244.00	25.00	210.00	235.00
(3) Operating Mat'ls. and Supplies:						
Timber	108.67	984.54	1093.21	108.67	984.54	1093.21
Explosives						
Pipe (CREDIT	91.75)	591.79	500.04		591.79	500.04
Track Gas Oil & Diesel	55.28	899.08	954.36	55.28	899.08	954.36
Steel & Tools	168.41	991.57	1159.98	168.41	991.57	1159.98
(4) Operating Equipment:						
Rental	230.00	1455.00	1685.00	230.00	1455.00	1685.00
Purchase		790.13	790.13		790.13	790.13
Depreciation	100.00	800.00	900.00	100.00	800.00	900.00
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		284.49	284.49		284.49	284.49
(7) Miscellaneous:						
Repairs to Equipment	41.38	121.40	162.78	30.08	121.40	151.48
Sampling and Analysis				9.00		9.00
Payroll Taxes	46.60	906.10	952.70		906.10	906.10
Liability Insurance		35.26	35.26	—	35.26	35.26
Transportation		199.30	199.30	—	199.30	199.30
(8) Contingencies (specify)						
General & Office	4.50	43.70	48.20	—o—	43.70	43.70
TOTALS	1126.61	18049.92	19176.53	634.61	18048.92	18683.53

I certify that the above bill is correct and just and that payment therefor has not been received.
Date Sept. 10, 52 *Payee Addy Mining Company
Per [signature] 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:
$ 475.96
Signature [signature]
(Authorized Certifying Officer)
Date 10-14-52 Vou. No.
(See other side)

OCT 2 1952

(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. 200 in accordance with the terms of the contract.

Signature Elmer A. Mazzill Title Mining Engr. Date Sept. 15, 1952

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature ..... Title ..... Date .....

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.

U. S. GOVERNMENT PRINTING OFFICE 205675

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

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 195 52 Docket No. DMEA 1466X Contract No Idm-M-200
Operator's Name Addy Mining Company Minerals
Address N. 633 Madelia, Spokane, Washington

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	1126.61	40 ft	15942.19	527 ft		650 Ft.	
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs								Total Costs Authorized by Contract
Operating Equipment Purchased				898.28				
Initial Rehabilitation and Repairs				2050.57				
New Buildings, Improvements, etc.				284.49				
Total Costs				3233.34				

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. 10, 1952 Operator Addy Mining Company

Per [signature] 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.

U. S. GOVERNMENT PRINTING OFFICE 205676

September 12, 1952

United States
Department of The Interior
Defense Mineral Administration
1201 N. Division Street
Spokane, Washington

Dear Sirs:

We did not make much progress during the month of August. On the first Monday, the mucking machine broke down and parts had to be brought in from Kellogg, Idaho.

Due to the unaccountable delay of the monthly receipt of payment to our Company we shut the operations down for two weeks until our finances were in better shape. After the financial set-up was taken care of we then had to try and find more men to take the place of those who left for other employment. At any rate we got rolling again on August 18th and shot out 5 rounds. Then our foreman was called away on urgent family business for a week, and the man left in trust to carry on with two helpers we sent up from Spokane, took off on a spree and we were stranded again, and of course we had to pay our men from Spokane for 2 days wages and expenses.

The month totalled about forty feet of drift all of which followed a good vein of ore of 8 to 12 inches wide.

Very truly yours,

ADDY MINING COMPANY

Region II

Albany, Oregon

October 15, 1952

Adly Mining Company
W. 633 Mobile
Spokane, Washington.

Subject: August MP-104
Contract: 14[illegible]

Gentlemen:

Your August MP-104 has been approved for $[illegible] and payment will be made in the net amount of $479.96. Deductions are as follows:

Payroll $439.92. Related statement on the certification has not been signed.

Repairs to Equipment $11.36. Invoice is a copy and has not been certified as a "True Copy".

General & Office $4.50. Sufficient information has not been furnished as to Party Billing and Party Billed and reason therefor. Since the Toll Statement is not sufficient in itself it will be necessary to transcribe the information on a separate sheet and certify in the proper form.

The payroll and invoices have been returned and may be claimed on your September MP-204 if properly certified.

Very truly yours

W. Eulen Lee
Finance Officer

wsb
cc: 1/7
Contract
Aug. MP-104
Wash. (2)
Vellin (2)

Region II

Albany, Oregon

October 15, 1972

Ady Mining Company
P. O. Box Kalalla
Spokane, Washington

Subject: Audit #W-100
Contract: 14-8-200

Gentlemen:

Your Audit #W-100 has been approved for $634.61 and payment will be made in the net amount of $477.96. Deductions are as follows:

Payroll $129.52. Related insurance as the certification has not been signed.

Penalty to Equipment $11.13. Invoice is a copy and has not been certified as a "True Copy".

General & Office $4.50. Sufficient information has not been furnished on to Party Calling and Party Called and reason literator. Since the toll statement is not sufficient in itself it will be necessary to furnish the information on a separate sheet and certify in the proper form.

The payroll and invoices have been returned and may be claimed on your voucher #W-100 if properly certified.

Very truly yours

W. Rufus Lee
Finance Officer

wcm
cc: T/F
Contract
Aud. #W-100
Aud. (2)
Info (2)

Standard Form No. 1034a—Revised
Form prescribed by
Comptroller General, U. S.
September 7, 1950
(Gen. Reg. No. 51, Supp. No. 11)

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

D. O. Vou. No. .....

Bu. Vou. No. DMA-346

U. S. Interior, Mines
(Department, bureau, or establishment)

Voucher prepared at Albany, Oregon 8/26/52
(Give place and date)

THE UNITED STATES, Dr., Payee's Account No. ~~Idm-E-200~~

To Addy Mining Company
(Payee)

N. 633 Madelia, Spokane, Washington
(Address) (City) (State)

PAID BY

(For use of Paying Office)

No. and Date of Order	Date of Delivery or Service	ARTICLES OR SERVICES (Enter description, item number of contract or Federal supply schedule, and other information deemed necessary) Discount Terms	QUANTITY	UNIT PRICE Cost	UNIT PRICE Per	AMOUNT Dollars	AMOUNT Cts.
	July 1952	As per attached certified form MF-104 dated August 7,1952				1,836	92
PAYMENT: Complete ☐ Partial ☐ Final ☐		Use continuation sheet(s) if necessary					

Shipped from to Weight Government B/L No. Total 1,836 92

(Payee must NOT use this space)

Differences .....

Account verified; correct for 1,836 92

(Signature or initials) .....

Contract No. ~~Idm-E-200~~ Date Req. No. Date Invoice Rec'd.

1,836.92

MEMORANDUM

ACCOUNTING CLASSIFICATION (For completion by Administrative Office)

Appropriation, limitation, or project symbol	Appropriation title	Limit'n. or Proj't. Amount	Appropriation Amount
14X4401	Revolving Fund, Defense Production Act, Interior.	1,836.92	1,836.92

Allotment symbol	Amount	Obligations liquidated	COST ACCOUNT Symbol	COST ACCOUNT Amount	OBJECTIVE CLASSIFICATION Symbol	OBJECTIVE CLASSIFICATION Amount

Paid by { Check No. ..... dated ....., 19....., for $..... } on Treasurer of the United States in favor of payee named above.
Cash, $....., on ....., 19.....

16—22900a-2

METHOD OF OR ABSENCE OF ADVERTISING

METHOD OF ADVERTISING

1. Advertising in newspapers Yes ☐ No ☐.
2. (*a*) Advertising by circular letters sent to ..... dealers.

   (*b*) And by notices posted in public places Yes ☐ No ☐.

   (If notices were not posted in addition to advertising by circular letters sent to dealers, explanation of such omission must be made below.).

ABSENCE OF ADVERTISING

3. Without advertising, under an exigency of the service which existed prior to the order and would not admit of the delay incident to advertising.
4. Without advertising in accordance with .....
5. Without advertising, it being impracticable to secure competition because of .....

.....

.....

.....

.....

(Here state in detail the nature of the exigency or circumstances under which the securing of competition was impracticable under 3 and 4)

NOTE.—The above form "Method of or Absence of Advertising" is to be used when purchases are made or services secured under proper authority without written agreement in any form. In case of a written agreement (formal contract, proposal, and acceptance, or less formal agreement) Standard Form No. 1036—Revised should be used for abstracting the method of or absence of advertising and award of contract. (See General Regulations No. 51, as amended.)

U. S. GOVERNMENT PRINTING OFFICE : 1950 O—75805

16—22900a-2

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

Wash

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of July 31, 195 2 Docket No. DMEA 1466X Contract No. Idm-E-200

Operator's Name Addy Mining Company Minerals

Address N. 633 Madelia, Spokane, Washington

Contract Amount, $21,290.00 Government Participation: 75 % Amount, $15,967.50

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	1457.00	7123.38	8580.38			
Supervision	150.00	1050.00	1200.00			
Technical Services	25.00	185.00	210.00			
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives	75.03	909.51	984.54			
Pipe	~~85.00~~	~~506.79~~	~~591.79~~			
Track	85.00	506.79	591.79			
Gas Oil & Diesel	111.93	787.15	899.08			
Steel & Tools	64.58	926.65	991.23			
(4) Operating Equipment:						
Rental	230.00	1225.00	1455.00			
Purchase		898.28	898.28			
Depreciation	100.00	700.00	800.00			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		284.49	284.49			
(7) Miscellaneous:						
Repairs to Equipment	23.84	97.56	121.40			
Sampling and Analysis						
Payroll Taxes	150.67	758.52	909.19			
Liability Insurance		35.26	35.26			
Transportation		199.48	199.48			
(8) Contingencies (specify):						
General & Office	4.25	39.45	43.70			
TOTALS	2477.30	15726.52	18203.82	2449.22	15599.70	18048.92

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

Date Aug. 7, 1952 Payee Addy Mining Company

Per J. Weller 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:

MP

$1836.92

Signature WRL (Authorized Certifying Officer)

Date 8/25/52 Vou. No. (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. 200 in accordance with the terms of the contract.

Signature Elmer A. Mezill Title Mining Engr. Date Aug 11, 1952

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Thomas E. Howard Title Mining Engr. Date 8/11/52

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.

U. S. GOVERNMENT PRINTING OFFICE 205675

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

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 31, 195 2 Docket No. DMEA 1466X Contract No. Idm-E-200
Operator's Name Addy Mining Company Minerals
Address N. 633 Madelia, Spokane, Washington

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	2477.30	97 ft	14970.48	487 ft		650 ft	
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased				898.28				
Initial Rehabilitation and Repairs				2050.57				
New Buildings, Improvements, etc				284.49				
TOTAL COSTS				3233.34				

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 Aug. 7, 1952 Operator Addy Mining Company

Per [signature] 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.

U. S. GOVERNMENT PRINTING OFFICE 205676

July 31, 1952

United States
Department of The Interior
Defense Mineral Administration
1201 N. Division Street
Spokane, Washington

Dear Sirs:

We worked every day except for the Fourth of July. Total footage on the drift was about 97 feet, all of which was on an ore-bearing vein which varied in width from three inches to eighteen inches. The foot and hanging walls were good and the magnetic bearing was about the same as in previous months, except at a point nearly thirty feet from the face where the vein swung to the right about 15 degrees. We crossed two radical faults but the vein only stepped sideways and continued on. We had a sample assayed off the present face across a 30 inch width which showed a report of 3.20% WO_3.

Very truly yours,

ADDY MINING COMPANY

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

5

Month of June, 1952 Docket No. DMEA 1466X Contract No. Idm-E-200
Operator's Name Addy Mining Company Minerals
Address N. 633 Madelia, Spokane, Washington
Contract Amount, $ 21,290.00 Government Participation: 75 % Amount, $ 15,967.50

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	973.06	6150.32	7123.38	954.90	6150.06	
Supervision	150.00	900.00	1050.00			
Technical Services	35.00	150.00	185.00			
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives	242.26	667.25	909.51			
Pipe						
Track	122.56	384.23	506.79			
Gas Oil & Diesel	210.25	576.90	787.15			
Steel & small tools	58.27	868.38	926.65			
(4) Operating Equipment:						
Rental	630.00	595.00	1225.00			
Purchase		898.28	898.28		790.13	
Depreciation	100.00	600.00	700.00			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		284.49	284.49			
(7) Miscellaneous:						
Repairs to Equipment	11.24	86.32	97.56			
Sampling and Analysis						
Payroll Taxes	102.00	656.52	758.52	101.19		
Liability Insurance		35.26	35.26		~~199~~	
Transportation		199.48	199.48		199.30	
(8) Contingencies (specify):						
General & Office	6.06	33.39	39.45			
TOTALS	2640.70	13085.82	15726.52	9621.73	12,977.79	15,599.52

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

Date July 10, 1952 Firm Addy Mining Company

Per [signature] 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:

$ 1966.29

Signature
(Authorized Certifying Officer)

Date Vou. No.
(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. F-790 in accordance with the terms of the contract.

Signature [illegible] Title [illegible] Date July 10, 1952

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] Title [illegible] Date [illegible]

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.

U. S. GOVERNMENT PRINTING OFFICE 205675

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

OPERATOR'S UNIT COST AND PROGRESS REPORT

5

Month of June 1952 Docket No. DMEA 1466X Contract No. Idm-E-200
Operator's Name Addy Mining Company Minerals
Address N. 633 Madelia, Spokane, Washington

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	2640.70	57	12493.18	390		650	
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased				898.28				
Initial Rehabilitation and Repairs				2050.57				
New Buildings, Improvements, etc				284.49				
TOTAL COSTS				3233.34				

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 July 10, 52 Operator Addy Mining Company

Per [signature] Title Partner

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.

U. S. GOVERNMENT PRINTING OFFICE 205676

ADDY MINING COMPANY
N. 633 MADELIA AVE. SPOKANE, WASH.

June 30, 1952

United States
Department of The Interior
Defense Mineral Administration
1201 N. Division Street
Spokane, Washington

Dear Sirs:

In June we installed a large ventilating fan with a new 7 horsepower gas engine and 400 feet of 8 inch sheet iron tubing. We also set up a 1000 gallon diesel fuel tank for the compressor. During this time part of the crew worked in the old upper tunnel, rather than lay-off. We made a left hand cross-cut of 33 feet without discovering anything but a bare stringer about 1½ inches wide. We lost one day with a missfire; one day with a broken chain on the mucker; one day removing rails and air line from the cross-cut. In the mean time our foreman decided to quit for mometary reasons and came to town, resulting in more time lost. After we arrived at a new agreement we resumed operations on the main drift exposing a good looking stringer which is looking better with every round.

Very truly yours,

C. H. Weller

ADDY MINING COMPANY

Contractor: Addy Mining Company
Address: N. 633 Madelia, Spokane, Wash.
Contract No. 1466X Contract No. Idm-E 200
Type:

CERTIFIED TRANSCRIPT OF LABOR PAY ROLL

For Projects Financed in Whole Or in Part With Federal Funds

Pay Roll No. ____ Sheet No. ____ of ____
Federal Project No. ____
State ____ County ____
Week Ending ____

Line No.	1 NAME — COUNTY — STATE (See instructions on reverse side of form)	2 Duplications	3 Labor Position	4 Hours Worked Each Day T	F	S	S	M	T	W	Total Hours Worked	5 Rate Per Hour	6 TOTAL AMOUNT EARNED	7 DEDUCTIONS F.O.A.B.	8 M.A.	9 Withholding Tax	10 Total Ded.	11 Actual Wages Paid
	June 2 to June 7, 1952																	
1	William Fowler		Foreman	8	8	8		8	8	8	48	2.35	112.80	1.69	.84	7.10	9.63	103.17
2	Cecil Aubert		Labor		8	8		8	2½		26½	1.75	46.38	.70	.46	6.70	7.86	38.52
3	John Miller		Labor		8	8		8	2½		26½	1.75	46.38	.70	.46	.00	1.16	45.22
4																		
5	June 9 to June 14, 1952																	
6	William Fowler		Foreman	8	8			8	8	8	40	2.35	94.00	1.41	.70	3.60	5.71	88.29
7	Cecil Aubert		labor	8	8			8	8	8	40	1.75	70.00	1.05	.70	11.60	13.35	56.65
8	John Miller		Labor	8	8			8	8	8	40	1.75	70.00	1.05	.70	.00	1.75	68.25
9	Al Cole		Labor	8	8						16	1.75	28.00	.42	.28	.00	.70	27.30
10																		
11	June 16 to June 21, 1952																	
12	William Fowler		Foreman	8	8			8	8	8	40	2.35	94.00	1.41	.70	3.60	5.71	88.29
13	Cecil Aubert		Labor	8	8			8	8	8	40	1.75	70.00	1.05	.70	11.60	13.35	56.65
14	John Miller		Labor	8	8			8	8	8	40	1.75	70.00	1.05	.70	0.00	1.75	68.25
15	Al Cole		Labor	8	8			8	8	8	40	1.75	70.00	1.05	.70	9.10	10.85	59.15
16																		
17	June 23 to June 28, 1952																	
18	William Fowler		Foreman	8	8			8	8	8	40	2.50	100.00	1.50	.74	5.10	7.34	92.66
19	Jerry Fowler, Jr.		Labor	8	8					8	24	1.75	42.00	.63	.52	3.40	4.55	37.45
20	John Miller		Labor					6			6	1.75	10.50	.11	.00	.00	.11	10.39
21	Cecil Aubert		Labor	8	8					6	22	1.75	38.50	.42	.28	3.10	3.80	34.70
22	Al Cole		Labor					6			6	1.75	10.50	.16	.11	.00	.27	10.23
23	Robert B. Shewey		Bookkeeper	8	4½						12½	2.00	25.00	.38	.04	4.80	5.22	19.78
24																		
25	TOTAL										507½		998.06	14.78	8.63	69.70	93.11	904.95
26																		
27																		
28	Industrial Insurance		507½ hours	X	.095 per hour								48.21					
29	Medical Aid (rate .035) ½		507½ hours	X	.0175 per hour								8.88					
30																		
31																		
32	Federal Old Age Ins.		$998.06	X	.015								14.97					
33	Federal Tax on 8 or more		$998.06	X	.003								2.99					
34																		
35														75.05				
36																		
37	State Unemployment tax		$998.06	X	.027									26.95				
38																		
39																		
40																		
41																		
42																		
43																		
44																		
45																		
46																		
47																		

F. H. LAWTON & SON, PRINTERS, SPOKANE, WASH.

COUNTY OF..... SS.

STATE OF.....

I, ... (name of party signing affidavit),

..... (title), being duly sworn do depose

and say; That I pay or supervise the payment of the persons employed by.....

.....

(contractor or subcontractor) on the..... (building or work); that the attached pay roll sets out accurately and completely the name, occupation and hourly

wage rate of each person so employed for the weekly pay roll period from..... day of.....

19....., to the..... day of..... 19..... the total number of hours worked by him during such period, the full weekly wages earned by him and any deductions made from such weekly wages, and the actual weekly wage paid to him; that no rebates have been or will be

made either directy or indirectly on behalf of said..... (contractor or subcontractor) from the full weekly wages earned as set out on the attached payroll; and that no deductions other than the permissable deductions as defined in the Regulations under the "Kickback" Act (48 Stat. 948), described in the following paragraph of this affidavit, have been made or will be made, either directly or indirectly, from the full weekly wages earned as set out on the attached pay roll.

(Paragraph describing deductions, if any.)

.....
(Signature and Title)

Sworn to before me this..... day of..... 19.....

PAY ROLL AFFIDAVIT

State of Washington

County of Spokane

I, R. J. Weller (Name of party signing affidavit), Partner (Title),

being duly sworn, do depose and say: That I pay or supervise the payment of the persons employed by ADDY MINING COMPANY (Contractor or subcontractor); on the Contract No. Idm-E-200 Docket No. 1466X (building or work); that during the pay roll period commencing on the 2nd day of June, 1952, and ending the 28th day of June, 1952, all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said ADDY MINING COMPANY (contractor or subcontractor) from the full weekly wages earned by any person, and that no deductions have been made either directly or indirectly from the full weekly wages earned by any person, other than permissible deductions, as defined in the regulations under the "Kickback" Act (48 Stat. 948), and described below: (Paragraph describing decuctions, if any.)

R J Weller Partner
(signature and Title) Partner

Sworn to before me this 8th day of July, 1952.

(SEAL)

Notary Public

RECAPITULATION SHEET
JUNE 30, 1952

Item:-	(2) Labor	Supervision	Technical	(3) Explosives	Track	Gas & Oil	Steel & tools
Labor	973.06						
R. J. Weller		150.00					
Technical Service							
R. B. Showey			25.00				
S. A. Meloslovin			10.00				
General Explosives				242.26			
Northwest Magnesite					100.00		
Union Iron					22.56		
Union Oil Company						210.25	
Long Lake Lumber Co.							3.85
Inland Hardware Co.							4.12
W. H. Stowell							6.70
Jensen - Byrd Co.							7.52
Spokane Safety Appliance							4.74
Copco Pacific Ltd.							31.34
Totals	973.06	150.00	35.00	242.26	122.56	210.25	58.27

Item:-	(4) Rental	Depreciation	(7) Repairs	Payroll Taxes	(8) General & Office
Weller Bros. Pickup "	30.00				
Silverton Mines	600.00				
Weller Bros. Compressor "		100.00			
Gibson Welding			11.24		
Payroll Taxes				102.00	
Pacific Telephone Co.					6.06
Totals	630.00	100.00	11.24	102.00	6.06

ADDY MINING COMPANY
N. 633 MADELIA AVE. SPOKANE, WASH.

Standard Form No. 1034a—Revised
Form prescribed by
Comptroller General, U. S.
September 7, 1950
(Gen. Reg. No. 51, Supp. No. 11)

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

D. O. Vou. No. _____

Bu. Vou. No. DMA-261

U. S. Interior, Mines
(Department, bureau, or establishment)

Voucher prepared at Albany, Oregon 6/24/52
(Give place and date)

THE UNITED STATES, Dr., Payee's Account No. Idm-E 200

To Addy Mining Company,
(Payee)

N. 633 Madelia, Spokane, Washington
(Address) (City) (State)

PAID BY

(For use of Paying Office)

No. and Date of Order	Date of Delivery or Service	ARTICLES OR SERVICES (Enter description, item number of contract or Federal supply schedule, and other information deemed necessary) Discount Terms	QUANTITY	UNIT PRICE Cost	UNIT PRICE Per	AMOUNT Dollars	AMOUNT Cts.
	May 1952	As per attached certified from MF-104 dated June 10, 1952				1,768	47
PAYMENT: Complete ☐ Partial ☐ Final ☐		Use continuation sheet(s) if necessary					
Shipped from	to	Weight	Government B/L No.		Total	1,768	47

(Payee must NOT use this space)

Differences _____

Account verified; correct for _____ 1,768 47

(Signature or initials) _____

Contract No. Idm-E 200 Date Req. No. Date Invoice Rec'd.

1,768.47

MEMORANDUM

ACCOUNTING CLASSIFICATION (For completion by Administrative Office)

Appropriation, limitation, or project symbol	Appropriation title	Limit'n. or Proj't. Amount	Appropriation Amount
14X4401	Revolving Fund, Defense Production Act, Interior	1,768.47	1,768.47

Allotment symbol	Amount	Obligations liquidated	COST ACCOUNT Symbol	COST ACCOUNT Amount	OBJECTIVE CLASSIFICATION Symbol	OBJECTIVE CLASSIFICATION Amount

Paid by { Check No. _____ dated _____, 19____, for $_____ } on Treasurer of the United States in favor of payee named above.
Cash, $_____, on _____, 19____.

16—22900a-2

METHOD OF OR ABSENCE OF ADVERTISING

METHOD OF ADVERTISING

1. Advertising in newspapers Yes ☐ No ☐.
2. (*a*) Advertising by circular letters sent to ..... dealers.
   (*b*) And by notices posted in public places Yes ☐ No ☐.

   (If notices were not posted in addition to advertising by circular letters sent to dealers, explanation of such omission must be made below.).

ABSENCE OF ADVERTISING

3. Without advertising, under an exigency of the service which existed prior to the order and would not admit of the delay incident to advertising.
4. Without advertising in accordance with .....
5. Without advertising, it being impracticable to secure competition because of .....

.....

.....

.....

.....

(Here state in detail the nature of the exigency or circumstances under which the securing of competition was impracticable under 3 and 4)

NOTE.—The above form "Method of or Absence of Advertising" is to be used when purchases are made or services secured under proper authority without written agreement in any form. In case of a written agreement (formal contract, proposal, and acceptance, or less formal agreement) Standard Form No. 1036—Revised should be used for abstracting the method of or absence of advertising and award of contract. (See General Regulations No. 51, as amended.)

U. S. GOVERNMENT PRINTING OFFICE : 1950 O—75805

16—22000a-2

MF-104
(August 1951)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. 200
Idm-E

Name of Operator Addy Mining Company
Docket No. DMA 1466X
Total Contract Amount $ 21,290.00
Government Participation: 75 % Amount, 15,967.50
Distribution of Expenditures for Month of May, 1952

$1,768.47

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—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.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 30 1951

CERTIFICATION

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.

ADDY MINING COMPANY
(Name of Company)

By [signature]
(Signature of Authorized Official)

June 10, 1952
(Date)

Partner
(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.

16--64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings	14.45	270.04	284.49			
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased: Ore Car	108.15	125.00	233.15			
Welding Kit		80.00	80.00			
Drill & Pusher		485.13	485.13			
Grinder		100.00	100.00			
Pickup	30.00	165.00	195.00			
(b) Rented: Air Lucker	400.00	400.00	800.00	— 0 —		
(c) Furnished by operator: Air Compressor	100.00	500.00	600.00			
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

16—64068-3

[illegible] 22,
Albany, Oregon
June 23, 1952

[illegible] Company [illegible] 633 [illegible],
Spokane, Washington

From: [illegible] Lee, Fiscal Officer, Bureau of Mines
Albany, Oregon

Subject: [illegible] Contract [illegible]-200, Form [illegible]-104 for May, 1952.

[illegible] original invoice from [illegible] Machinery Company in the amount of [illegible], covering used mine car - [illegible] gage. [illegible] are [illegible] only cover the purchase of this mine car on the contract.

[illegible] returning the receipts for rental of [illegible] equipment. These are copies of receipts and are not signed. If original documents cannot be obtained to substantiate claims for expenditures, certified true copies should be submitted. We note also that the copy of payroll submitted with this form [illegible]-104 does not bear the certification that it is a true and correct copy of the original. In the future, please show the certification on all documents which are not the original. This certification [illegible] be placed [illegible].

[illegible] receipts [illegible] on a subvoucher form [illegible], [illegible] a letter [illegible] company that form.

[illegible] Lee,
Fiscal Officer

[illegible]:rcs

[illegible]

ADDY MINING COMPANY
N. 633 MADELIA AVE. SPOKANE, WASH.

May 31, 1952

United States
Department of the Interior
Defense Mineral Administration
1201 N. Division Street
Spokane, Washington

Dear Sirs:

The vein split into two small stringers and finally disappeared. We kept drifting straight ahead in hopes of picking vein up again. Total tunnel opened in May is about 93 feet. Began to install ventilating system at the end of the month. Plan to cross cut to left about thirty feet as soon as ventilation system is installed.

Very truly yours,

ADDY MINING COMPANY

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
	1457.12	4693.20	6150.32	1457.06		
4. Labor[3]	150.00	750.00	900.00			
5. Supervision						
6. Supplies						
(a) Timber		667.25	667.25			
(b) Explosives		86.32	86.32			
(c) Repair Parts	191.37	452.50	643.87			
(d) Other Gas, Oil, Diesel	285.81	392.22	678.03	184.68		
7. Power	11.42	188.06	199.48		188.42	
8. Transportation						
9. Insurance						
(a) Fire		35.26	35.26			
(b) Public Liability	40.02	129.13	169.15			
(c) Workmen's Compensation	116.95	370.42	487.37			
(d) U.S.R.R. Pass						
10. Contract Work						
11. Other (specify)						
(a) Car rails etc	23.90	360.33	384.23			
(b) Accounting	25.00	125.00	150.00			
(c) General & Office	4.56	28.83	33.39			
(d)	8.55	215.96	224.51			
	2967.30	10619.65	13586.95			
Total					10620.01	
Deletions Less	101.13		101.13	Credit Item # 7		
Adjusted totals	2866.17		13485.82			
Totals previously reported				2357.96		12,977.97
Totals to date				~~2866.17~~	10,620.01	~~13,485.82~~

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by R. Sanders

Entered by

Approved by Chas. A. Magill

Amount approved for payment ~~$1,849.58~~

Remarks 1768.42

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF May, 1952

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting	5338.25	1946.28	2521.63	1183.32	10889.38	1 ft	~~88~~ 77 ft	178 ft	~~271~~ 333 ft	650 ft
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation	1618.59	647.00	162.68	269.30	2697.57					
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	6956.84	2493.28	2684.21	1452.62	13586.95					

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

MF
(Augu 1)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. Idm-E 200

Name of Operator Addy Mining Company
Docket No. DMA 1466X
Total Contract Amount $ 21,290.00
Government Participation: 75 % Amount $ 15,967.50
Distribution of Expenditures for Month of April , 1952

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—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.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

CERTIFICATION

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.

ADDY MINING COMPANY
(Name of Company)

By [signature]
(Signature of Authorized Official)

May 7, 1952
(Date)

Partner
(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.

16--64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings		270.04	270.04			
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]						
Ore Car		125.00	125.00			
Welding Kit		80.00	80.00			
Drill & Pusher		485.13	485.13			
Grinder		100.00	100.00			
(b) Rented[2]						
Pickup	30.00	135.00	165.00			
Air Mucker	200.00	400.00	600.00			
(c) Furnished by operator						
Air Compressor	100.00	400.00	500.00			
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

ADDY MINING COMPANY
N. 633 MADELIA AVE. SPOKANE, WASH.

April 30, 1952

United States
Department of The Interior
Defense Mineral Administration
1201 N. Division St.
Spokane, Washington

Dear Sirs:

During the month of April, we drove 77 feet of new drift. Our foreman became ill and had to go to Spokane for medical assistance and aid and during that time all operations ceased. They backed away from the face about thirty feet and drilled into a stringer on the foot-wall which showed up a good vein from 8 to 14 inches wide containing a good showing of WO_3 and some scheelite. The ground was too soft and the back was too wide for safe operations, so they timbered everything from the discovery to the face which required about a week of labor.

Very truly yours,

ADDY MINING COMPANY

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]	982.19	3711.01	4693.20			
5. Supervision	150.00	600.00	750.00			
6. Supplies						
(a) Timber	245.87	421.38	667.25			
(b) Explosives	38.70	47.62	86.32			
(c) Repair Parts Pipe & Drill	67.73	384.77	452.50			
(d) Other Gas.Oil,Diesel	139.82	252.40	392.22			
7. Power	19.10	178.69	197.79	9.73		
8. Transportation						
9. Insurance						
(a) Fire		35.26	35.26			
(b) Public Liability	27.19	101.94	129.13			
(c) Workmen's Compensation (d) S.S.& Taxes	78.71	291.71	370.42			
10. Contract Work						
11. Other (specify)						
(a) Car rails etc	88.46	271.87	360.33			
(b) Accounting	25.00	100.00	125.00			
(c) General & Office	4.31	24.52	28.83			
(d) Tools & Equip.	67.01	148.95	215.96			
Total	2264.09	8565.29	10829.38			
Deletions						
Adjusted totals						
Totals previously reported						
Totals to date				2054.72	8565.29	10,620.01

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by W R Lee
Entered by
Approved by Edwin A. Mazill
Amount approved for payment $1541.04
Remarks

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF April, 1952

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting	3699.16	1408.13	2011.90	1012.62	8131.81	1 ft	77 ft	178 ft	255ft	650 ft
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation	1618.59	647.00	162.68	269.30	2697.57					
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	5317.75	2055.13	2174.58	1281.92	10829.38					

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

Labor
Repairs
Mine Rent
Compensation

Equip

Supplies
Cap Pads
Tools + Equip

Blasting
Supplies
Rental
Mail + Office

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

MF-104
(August 1951)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. Idm-E 200

Name of Operator Addy Mining Company
Docket No. DMA 1466X
Total Contract Amount $ 21,290.00
Government Participation: 75 % Amount, $ 15,967.50
Distribution of Expenditures for Month of March 1952

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—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.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

CERTIFICATION

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.

ADDY MINING COMPANY
(Name of Company)

By [signature]
(Signature of Authorized Official)

APRIL 3, 1952
(Date)

Partner
(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.

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings		270.04	270.04			
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased Ore car		125.00	125.00			
Welding Kit		80.00	80.00			
Drill & Pusher	485.13		485.13			
Grinder		100.00	100.00			
(b) Rented[2] Pickup	90.00	45.00	135.00			
Air Mucker	400.00	200.00	600.00			
(c) Furnished by operator						
Air Compressor	300.00	100.00	400.00			
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

ADDY MINING COMPANY
N. 633 MADELIA AVE. SPOKANE, WASH.

March 31, 1952

United States
Department of the Interior
Defense Mineral Administration
1201 N. Division St.
Spokane, Washington

Dear Sirs:

During the month of March, the Addy Mining Company drove approximately 82 feet of tunnel. They had to put in one set of timbers. They also lost some time with one bad shot, and also delay in a shipment of car rails. They hit one double stringer of WO_3 which lasted for about 10 feet; later on they hit a four inch vein which assayed 1.4% Scheelite, but that also pinched out. Now the vien has turned from a southern dip to a northern dip of 70 degrees, the vein being all quartz about 7 inches thick. The total distance to the face, including that part of the old drift being used is about 277 feet.

Very truly yours,

ADDY MINING COMPANY

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]	1072.49	2638.52	3711.01			
5. Supervision	600.00		600.00			
6. Supplies						
(a) Timber						
(b) Explosives	262.46	158.92	421.38			
(c) Repair Parts	2.88	44.74	47.62			
(d) Other Pipe & Drill	248.35	136.42	384.77			
7. Power Gas, Oil, Diesel	51.49	200.91	252.40			
8. Transportation		178.69	178.69			
9. Insurance						
(a) Fire	25.50	9.76	35.26			
(b) Public Liability						
(c) Workmen's Compensation	29.36	72.58	101.94			
(d) S.S.& Taxes	85.39	206.32	291.71			
10. Contract Work						
11. Other (specify)						
(a) Car rails etc	96.24	175.63	271.87			
(b) Accounting	50.00	50.00	100.00			
(c) General & office	15.39	9.13	24.52			
(d) Tools & Equip.		148.95	148.95			
Total	3814.68	4950.61	8765.29			
Deletions						
Adjusted totals						
Totals previously reported						
Totals to date						

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by Eleanor A. Mozzil
Amount approved for payment
Remarks

28351.01

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF March 1952

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting	2586.07	1278.13	1364.31	839.21	6067.72	1ft	82 ft	96 ft	178 ft	650 ft
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation	1618.59	647.00	162.68	269.30	2697.57					
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals										

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

F-104
(August 1951)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. Idm-E 200

Name of Operator: Addy Mining Company
Docket No. DMA: 1466X
Total Contract Amount $: 21,290.00
Government Participation: 75 % Amount, $ 15,967.50
Distribution of Expenditures for Month of: February, 1952

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—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.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

MAR 3 - 1952

CERTIFICATION

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.

ADDY MINING COMPANY
(Name of Company)

By [signature]
(Signature of Authorized Official)

March 11, 1952
(Date)

Partner
(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.

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings	91.29	178.75	270.04			
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]						
Ore Car		125.00	125.00			
Welding Kit		80.00	80.00			
Drill & Pusher	612.39		612.39			
Grinder	103.00		103.00			
(b) Rented[2]						
Pick Up Truck	30.00	75.00	105.00			
Air Mucker	200.00	200.00	400.00			
Air Compressor	100.00		100.00			
(c) Furnished by operator						
Air Compressor Dec. Deleted	100.00	100.00	200.00			
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

March 11, 1952

United States Department of The Interior
Defense Minerals Administration
N. 1207 Division
Spokane, Washington

Dear Sirs:

During the month of February, drifting progressed very favorably, until we hit a soft fault of from two to three feet in width which necessitated the installing of about seven or eight sets of timber, mostly on a curve. Our total length of drift for the month was 81 feet. Following the fault caused the drift to pull on a curve to the left and brought us back to the end of the old prospect which we had originally started from on January 28th. We changed our course some 90 degrees to the right and after about four rounds we came upon a small stringer of quartz and also found a small sample of Wolfromite and some Molybdenum. The hanging wall developed into a true wall on a 70 degree dip and runs the same direction as the vein did in the old upper workings. In the meantime the quartz stringer splattered and disappeared after two or three rounds.

Very truly yours,

ADDY MINING COMPANY

Refer to: Docket No. DMA 1466X
Contract No. Idm-1 200

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]	1132.18	1506.34	2638.52			
5. Supervision	149.00		149.00			
6. Supplies						
(a) Timber						
(b) Explosives	152.96	5.96	158.92			
(c) Repair Parts	37.60	7.14	44.74			
(d) Other Pipe&Drills	136.42		136.42			
7. Power Gas,Oil,Diesel	146.63	54.28	200.91			
8. Transportation	6.63	172.06	178.69			
9. Insurance						
(a) Fire	51.00	16.73	67.73			
(b) Public Liability						
(c) Workmen's Compensation	31.24	41.34	72.58			
(d) S.S.& Taxes	90.25	116.07	206.32			
10. Contract Work						
11. Other (specify)						
(a) Car Rails etc	113.42	62.21	175.63			
(b) Accounting	50.00	50.00	100.00			
(c) Gen. &Office Ex	15.01	5.13	20.14			
(d) Tools & Equip.	36.35	112.60	148.95			
Total	3385.37	2908.61	6293.98			
Deletions						
Adjusted totals						
Totals previously reported						
Totals to date			6293.98			

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by Elmer A. Meyeid
Amount approved for payment
Remarks

2538.03

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF February, 1953

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting	1398.83	1078.39	702.89	416.30	3596.41	15 ft	81 ft	15 ft	96 ft	650 ft.
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation	1618.59	647.00	162.68	269.30	2697.57					
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals					6293.98					

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

MF-104
(August 1951)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. Idm-E 200

Name of Operator Addy Mining Company
Docket No. DMA 1466X
Total Contract Amount $ 21,290.00
Government Participation: 75 % Amount, $ 15,967.50
Distribution of Expenditures for Month of January, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
Denver
MAR 2 - 1952

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—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.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

CERTIFICATION

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.

ADDY MINING COMPANY
(Name of Company)

By [signature]
(Signature of Authorized Official)

Feb. 13, 1952
(Date)

Partner
(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.

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings		178.75	178.75			
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]						
Ore car		125.00	125.00			
Welding Kit		80.00	80.00			
(b) Rented[2]						
Pick up truck	30.00	45.00	75.00			
Air Mucker	200.00		200.00			
(c) Furnished by operator						
Air Compressor	100.00	100.00	200.00			
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

16—64068-3

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]	994.70	511.64	1506.34			
5. Supervision						
6. Supplies						
(a) Timber						
(b) Explosives	5.96		5.96			
(c) Repair Parts	7.14		7.14			
(d) Other						
7. Power Gas, Oil, Diesel	54.28		54.28			
8. Transportation	170.45	1.61	172.06			
9. Insurance						
(a) Fire	16.73		16.73			
(b) Public Liability						
(c) Workmen's Compensation	27.53	13.81	41.34			
S.S. & Taxes	77.31	38.76	116.07			
10. Contract Work						
11. Other (specify)						
Car rails etc		62.21	62.21			
Accounting	25.00	25.00	50.00			
Gen. & Office exp	5.13		5.13			
Tools & Equipment	112.60		112.60			
Total	1826.83	1181.78	3008.61			
Deletions						
Adjusted totals						
Totals previously reported						
Totals to date			3008.61			

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by Elmer A. Magill
Amount approved for payment
Remarks

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF JAnuary , 1952

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting	95.16	33.00	81.12	101.76	311.04	15 Ft.	15 Ft.		15 Ft.	650 Ft.
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation	1618.59	647.00	162.68	269.30	2697.57					
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	[illegible]	[illegible]	[illegible]	371.06	[illegible]					

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

04
t 1951)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. Idm-E 200

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.
FEB 25 8 48 PM '52

Name of Operator ADM MINING COMPANY
Docket No. DMA 1466X
Total Contract Amount $ 21,290.00
Government Participation: 75 % Amount, $ 15,967.50
Distribution of Expenditures for Month of November 17 to December 31, 1951

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—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.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

CERTIFICATION

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.

ADM MINING COMPANY
(Name of Company)

By [signature]
(Signature of Authorized Official)

January 31, 1952
(Date)

Partner
(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.

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings	170.75					
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1] Ore car	125.00					
Welding Kit	80.00					
(b) Rented[2] Pickup Truck at $30.00 per mo.	45.00					
(c) Furnished by operator Air compressor	100.00					
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

ADDY MINING COMPANY
N. 633 MADELIA
SPOKANE, WASHINGTON

January 31, 1952

United States
Department of The Interior
Defense Minerals Administration
N. 1207 Division
Spokane, Washington

Dear Sirs:

Refer to: Docket No. DMA 1466X
Contract No. Idm-E 200

Rehabilitation and preparation:-

Combination compressor shed, shop and dry room built and equipped. The old prospect tunnel was retimbered and all caved in material was mucked out and dumped. The rail line was repaired and extended and air line installed.

Very truly yours,

ADDY MINING COMPANY

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]	511.64					
5. Supervision	150.00					
6. Supplies						
(a) Timber						
(b) Explosives						
(c) Repair Parts						
(d) Other						
7. Power	1.61					
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability	13.81					
(c) Workmen's Compensation	38.76					
S.S.& Taxes						
10. Contract Work						
11. Other (specify) Car Rails & etc	62.21					
Accounting	25.00					
Total	1331.78					
Deletions						
Adjusted totals						
Totals previously reported						
Totals to date	1331.78					

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by Chas A Mazzel
Amount approved for payment
Remarks

16—64068-3

84

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF November 17 to December 31, 1951

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation	739.21	350.00	63.82	178.75	1331.78					
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals										

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

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

March 2, 1954

MEMORANDUM

To: Administrator

From: Iron and Ferro-Alloys Division

Subject: General Summary of Contract and Results Obtained
Docket No. DMEA 1466 - Tungsten
Contract No. Idm-E200
Addy Mine
Stevens County, Washington

Operator: Addy Mining Company (formerly Tungsten Mines, Inc.)
N633 Medelia Avenue
Spokane, Washington

Operator's Property Rights: Owner of View No. 1 and View No. 2 patented Lode Mining Claims, Summit Mining District, Stevens County, Washington. Title acquired at Sheriff Auction Sale, October 1949.

Contract: Dated November 2, 1951

a. Work authorized:

Item 1	Adit Drifting, 650 feet @ $30.00/ft.	$19,500.00
" 2	Additional facilities - (compressor-shed and change room)	450.00
" 3	Equipment to be purchased (tools)	820.00
" 4	Rentals- P-H Power Shovel & Truck	520.00
	Total estimated cost of project	$21,290.00
	Government participation @ 75 percent	$15,967.50

b. Amendments: Amendment No. 1

(1) In Exhibit A, Item 3 of the contract under Operating Equipment to be purchased add:

1 Atlas Jackhammer	$502.00
1 Electric Grinder	100.00
1 Welding Kit	80.00

(2) In Exhibit A, Item 4 of the contract under Operating Equipment to be rented add:

1 Mucking Machine	200.00/mo

(3) To Exhibit A of the contract, add:
"Equipment to be furnished by Operator"

	Estimated Value	Monthly Allowance
1 Compressor 210 cfm	$6,000.00	$100.00

(4) In Exhibit A, Item 5 of the contract, under "Labor and Supervision", change:
Laborer (surface) from $13.00 per 8 hr. shift
Laborer (surface) to $14.00 per 8 hr. shift

Amendment No. 2

In Exhibit "A" under
1 Estimated Cost of project Delete:

Adit drifting, 650 feet @ $30.00/ft	$19,500.00
add:	
Adit drifting 570 feet @ $30.00/ft	$17,100.00
Rehabilitation and Preparation	2,400.00

Amendment No. 3

Changes and modifications:
(1) In paragraph 3 of the contract delete "9 months" completion period) and substitute "12 months"
(2) In Exhibit "A" under paragraph 1, "Estimated Cost of the Project, "delete:

Adit drifting 650 feet @ $30.00/ft	$19,500.00
Add: Adit drifting and crosscutting 650 feet @ $30.00/ft	$19,500.00

(3) To allow for crosscutting 35 feet into both the hanging and footwalls to determine if the vein which is being drifted on is the main vein.

Amendment No. 4

To allow for rehabilitation of the upper adit to allow safe access to the workings for mapping and sampling. Total allowable cost is not to exceed $500.00.

None of the above amendments were to be construed to increase the estimated total cost of the project, the amount of the Government's contribution or any item of allowable cost which were expressly designated "Allowable Maximum".

C. Work completed:

Drifting and Crosscutting 534 @ $31.56/ft.	$16,854.73
Rehabilitation 100 feet @ $20.50/ft.	2,050.57
Operating Equipment	580.13
Fixtures and Improvements	619.17
Total Approved Costs	$20,104.60
Government participation at 75%	15,078.45

The above cost of $31.56/ft for drifting and crosscutting was calculated from the audited cost of the project, and does not agree exactly with the cost of $32.24/ft as shown in the final report of the field team.

Work was completed September 20, 1952.

Audit: Audit Certificate by Contract Administration and Audit Division August 10, 1953.
No certification of discovery issued.

Comments:

The project was established to explore the downward extension of a tungsten-bearing quartz vein by bulldozing to locate the vein outcrop and by drifting on the vein at an elevation 110 feet below the upper adit. This work exposed a somewhat discontinuous quartz vein one to six inches in width for a strike length of more than 300 feet. Fair to good concentrations of tungsten minerals, predominantly wolframite with minor scheelite, occur sporadically throughout the length of the vein, being very similar in this respect to the usual type of tungsten bearing quartz veins.

Possible units of tungsten in the area between the upper and lower adits were calculated by using the results of 15 systematic samples. The average value of these samples is 0.47% WO_3. Assuming a mining width of 2.5 feet, 1576 units of tungsten may be calculated in the area. The Field Team believes that a tungsten grade of 0.47 percent WO_3 as expanded to a minimum mining width of 2.5 feet is too low to be considered as ore. Therefore it was concluded that no significant discovery was made, and certification was not recommended.

The project was conducted in an efficient an economical manner. The Operator cooperated with the field team in every respect. ***

Exploration possibilities include continued drifting on the vein to the west. Outline of the upper workings indicates the vein persists in this direction. Insofar as is known at present, there are no particular conditions that favor concentration of tungsten minerals in the vein as wolframite occurs in both the wide and narrow portions of the vein.

Attached herewith is a memorandum from the Commodity Division of the Bureau of Mines offering comments on factors that influenced the Field Team's conclusion that the project did not warrant certification. As the deadline for certification of this project has been passed, these comments can now only be considered as of academic interest.

W S Martin

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

***
The Operator furnished no final report.

Yes Audited

No Certified

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

Analysis as of 12/8/1954
Incl. Voucher for

Yes Actual Cost

Agreed Unit Costs

Name Addy Mining Company

Docket No. DMA - 1466X

State Washington

Commodity Tungsten

Idm-E No. 200

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting	650'	19,500.00	534'	16,443.39	17,987.36 33.68f
Raising					
Shafts					
Winzes					
Drilling (Specify)					
Surface Excavation					
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased		820.00		513.46	
Surface Rehabilitation & Repairs					
Underground Rehabilitation		500.00		2,050.57	2,050.57
New Building, Improvements, etc.		450.00		619.71	
Other (Specify) Assays, Transportation Repairs, Accountong				410.80	
Totals		21,290.00		20,037.93	20.037.93

4 Amendments were writte. No change in initial cost.

Prepared by TLC

71626

Docket

Copied from the Mining World
February 1955, page 95

Dmca 1466

Addy Development Company of Kellogg, Idaho, is developing Addy Mining Company's tungsten mine west of Addy, Stevens County, Washington under lease and purchase option. Plans call for a three-compartment raise on an ore shoot from the main adit up 110 feet to old workings. If ore reserves justify, a small treatment plant may be installed next spring. Paul H. Floyd and Frank Birch have the lease. R. J. Weller of Spokane heads Addy Mining Company.

400

Excerpt from "The Mining Record -- Thursday, January 27, 1955"

Page 8, column 2.

1466

TUNGSTEN MINING IN WASHINGTON IS GETTING MORE ORE

Spokane, Wash.--Although data on tungsten production as yet are not available, reports of operations in the state during the year indicated some increase in activity, and it was expected that output would be somewhat in excess of the quantity produced in 1953. At the Germania Consolidated Mines, Inc., property in Stevens County, H. W. Traver and Henry Ewing stepped up output of tungsten concentrates from an area which included the Keith, Norton, and Seidlitz mines.

Concentrates produced at the property were shipped to the Big It mill near Pinehurst, Idaho, for further upgrading before sale to the government. At the nearby Germania mine, Penticton Tungsten Mines, Inc., which obtained the property under a lease and purchase option in the latter part of 1953, began operations in the spring. The Germania mine, once the nation's leading source of tungsten, was discovered in 1894.

Further work which included mill improvements and additional exploration was undertaken by Big Q Tungsten Mine, Inc., at its property in Stevens County, and in the same area Sunshine Mining Co. continued exploratory work at its Little King prospect. Operations were resumed after a winter shutdown by Border Lord Mining Corp. at its property located in an isolated section of Okanogan county near the Canadian border. Paul Floyd and Frank Birch began development of the Addy Mining Co. property in Stevens county under a lease and purchase option agreement reached late in the year. Tungsten concentrates produced as a by-product of its copper output by Kromona Mines Corp. were stockpiled pending a decision to install additional concentrating equipment. The Kromona property is located in the Sultan mining district of Snohomish country.

DOCKET DEMA NO. 1466

Idm E-200

IDAHO TUNGSTEN DEAL

Spokane, Wash. -- Development of Addy Mining Company's tungsten mine in Stevens county, Washington, has been taken over under a lease and purchase option by Paul H. Floyd, Kellogg metallurgist, and Frank Birch, also of Kellogg, according to R. J. Weller, Spokane, president of the company.

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

JUN 11 1954

Mr. Charles A. Turner
DMEA Auditor
1201 North Division Street
Spokane 2, Washington

Re: Idn- 223, DMA-1059X
Voodoo Mines
and
Idn- [illegible], DMA-1[illegible]
[illegible] Mining Company

Dear Mr. Turner:

Receipt is acknowledged of the Washington copies of the Report of Review covering contract Idn- 223 and the Audit Report and Certificate covering contract Idn- 2[illegible].

After insertion of the word "Supplemental" in the title of the Audit Certificate, normal distribution of the subject reports may be effected. This correction has been made on the copies submitted to this Division.

Sincerely yours,

(Signed) E. D. Talbert

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

WForovics/wb
June 11, 1954

Copy to: Docket
Admr. Reading File
Mr. Chambers

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D. C.~~
So. 157 Howard Street
Spokane 4, Washington

May 12, 1954

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-1466 (tungsten)
Addy Mining Company
Stevens County, Washington
Contract No. Idm-E200 (completed)

Dear Mr. Selfridge:

This will acknowledge receipt of your letter of April 14, in which we were instructed to advise the operator that clearance on pipe and track remaining at the property could be issued only if the Government received a reasonable amount for its equity in these installations.

According to your instructions, we notified the operator, who, in turn, advertised the track and pipe in the daily Spokane newspapers. He was not, however, successful in obtaining a bid for these items. He has consequently made a bid of $50.00 for the Government's equity in the items, as noted in his letter of May 10, 1954, copies of which are attached. As further attempts to dispose of these items would undoubtedly be equally fruitless, the Executive Officer hereby accepts the operator's offer.

The operator has been advised by letter from the Executive Officer, copy of which is attached, that the Government hereby releases all interests in any supplies, materials, or equipment purchased for the cited project, not previously released in letters from this office dated July 15, 1953, and August 4, 1953.

Sincerely yours,

A. E. Weissenborn

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosures
cc: USBM (2)
Hindman
Puffett

ADDY MINING COMPANY
N. 633 Madelia Ave. Spokane, Wash.

May 10, 1954

Defense Minerals Exploration Admin.
1201 N. Division Street
Spokane, Washington

Gentlemen:

The 600 feet of 2" air line and 1200 feet of 12# rail was advertised in the Spokesman-Review and Spokesman Chronicle for three consecutive days without any bids being received.

The Addy Mining Company hereby submits a bid of fifty dollars ($50.00) for the Government's equity in this equipment.

Very truly yours,

R. J. Weller, Pres.

RECEIVED
MAY 11 1954
U. S. G. S.
SPOKANE, WASH.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

May 12, 1954

Mr. R. J. Hindman, Certifying Officer
DMEA Field Team, Region II
1201 North Division Street
Spokane 2, Washington

Re: Docket No. DMEA-1466 (tungsten)
Addy Mining Company
Stevens County, Washington
Contract No. Idm-2200 (completed)

Dear Mr. Hindman:

Attached is a check from the Weller Brothers in the amount of $50 dated May 10, 1954. This check, signed by Mr. R. J. Weller, represents payment for the Government's equity in 600 feet of 2-inch pipe and 1,200 feet of 12-pound rail which remained at the Addy mine upon termination of the project work. Attached to the check is a copy of the letter from Mr. R. J. Weller in which he notes that the check represents payment for the Government's equity in the cited equipment.

The check should be forwarded to Portland to be placed in the revolving fund. The final audit certificate of the project work should be corrected to show receipt of funds from these salvagable items.

Sincerely yours,

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosures
cc: C. Turner, Auditor
USBM (2)
DMEA (2)
Purlett

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D. C.~~
So. 157 Howard Street
Spokane 4, Washington

May 11, 1954

Weller Brothers
No. 633 Madelia Street
Spokane, Washington

Re: Docket No. DMEA-1466 (tungsten)
Addy Mining Company
Stevens County, Washington
Contract No. Idm-8200

Gentlemen:

This will acknowledge receipt of your check of $50.00, which you submitted in payment for the Government's equity in 600 feet of pipe and 1,200 feet of rail.

Your offer is hereby accepted by the Executive Officer, DMEA Field Team, Region II. Notice of this acceptance is confirmed in the enclosed copy of Form A, Disposal of Government's Interest in Property, also signed by the Executive Officer.

By this letter, the Government releases to you its interest in all equipment and/or supplies and materials purchased for the cited project, which was not previously released to you in letters from this office dated July 15, 1953, and August 4, 1953.

Sincerely yours,

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosure

cc: DMEA (2)
USBM (2)
Hindman
Puffett

Docket Copy

DISPOSAL OF GOVERNMENT'S INTEREST IN PROPERTY

(FORM A)

1/ To: Weller Brothers

No. 611 Idaho Street

Spokane, Washington

The United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, for a valuable consideration hereby sells, assigns, transfers and sets over to you all of its right, title and interest in all property acquired under Exploration Project Contract Idm-E 200, Docket No. DMEA 1466, dated November 2, 1951 (which is listed below: 2/

600 feet of 2" pipe
1,200 feet of 12, rail

Dated May 11, 1954 THE UNITED STATES OF AMERICA

By A. E. Weissenborn

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II
Title

1/ Insert name of purchaser.

2/ If the Government's interest in all property is being transferred at one time, strike the words "which is listed below." If the Government's interest in less than all property is being transferred, list the property being transferred, in the space provided, or if there is insufficient space provided, write in the space on the form the words "See Exhibit 1, attached hereto and made a part hereof," and attach list entitled "Exhibit 1" to form.

400

Docket

Rutledge
Hearing
Selfridge
Johnson
Weissenborn

MAY 10 1954

Mr. A. E. Weissenborn, Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA 1466-Tungsten
Addy Mining Company
Addy mine
Stevens County, Washington
Contract No. Idm-E200

Dear Mr. Weissenborn:

This will confirm the decision reached during your recent conferences here regarding the Operator's request in a letter of March 9, 1954, for winding up the subject contract.

As suggested, your office will contact the Operator and request him to make an offer for the pipe and track in which the Government has an equity. Please explain to the Operator that until this matter has been disposed of we will not be in a position to act finally on his request for winding up the contract. However, as the project was not certified and, therefore, the property is not encumbered by any obligation to pay royalty to the Government, the Operator is free to negotiate with "leasers" in the meantime.

Sincerely yours,

George C. Selfridge (2/B)
Chairman, Operating Committee

Approved:

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

T. P. Thayer
Member, Geological Survey (2/B)

cc: DOCKET
CODE 400
ADM. READ. FILE
FIELD TEAM, REG. II
OPERATING COMMITTEE
R. W. GEEHAN, USBM
T. P. THAYER, USGS

FARutledge/ls
5/6/54

R.C.S.

100

DOCKET
SURNAME

Rutledge
Hamilton
Rutlin
Hoffman
Chapman
Selfridge
Hedges
Larrabee

APR 14 1954

Mr. A. E. Weissenborn, Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA 1466 - Tungsten
Addy Mining Company
Addy mine
Stevens County, Washington
Contract No. Ida-2300

Dear Mr. Weissenborn:

Reference is made to the subject docket and the disposition of the items detailed in our letter of March 8, 1954.

Enclosed is a copy of a letter from the Operator indicating that there may be a leasing operation on the referenced property and asking for clearance from the Government under the subject contract.

If the pipe and track can be used in this work they should therefore have some salvage value. This information may influence the Field Team's recommendation for a waiver of the Government's equity in these items.

If you agree and a waiver of these items has not yet been issued to the Operator, the Operator should now be advised that clearance will be issued upon the payment of a reasonable amount for the Government's equity in these installations.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (24B)

APPROVED:

J. H. Hedges (24B)
Member, Bureau of Mines

D. M. Larrabee (24B)
Member, Geological Survey

FARutledge:foc
4-12-54
cc to: Docket
Code 100
Adm. Reading File
Operating Comm.
R. W. Geehan, USBM
T. P. Thayer, USGS

Rutledge
Hodges
Farrelze
Selfridge
Johnson
Bettendorf

Interior Department

Defense Minerals Exploration
Administration
14X3923.970 - Working Fund - DMEA

TELETYPE

March 22, 1954

To: A. E. Weissenborn, DMEA Executive Officer,
Region II, Spokane, Washington

Reourlet March 8, 1954, Docket No. DMEA 1466, Addy Mining Company, Contract No. Idm-E200. Please inform us status Field Team action so we can act on Operator's request for clearance.

George C. Selfridge

G. C. Selfridge
Chairman, Operating Committee

(GCS)

cc: DOCKET
CODE 400
FT, REG. II - CONFIRMATION
OPER. COMM.
ADM. READ. FILE
AUDITS DIVN., BUR. MINES
R. W. GEEHAN, USBM
T. P. THAYER, USGS

FARutledge/ls
3/22/54

R.C.S.
3-23-54

C

/9 copy made for 400

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 23 1954

268 WA SP /I-GS-G/

SPOKANE WASH 3-22-54 242

GEORGE C SELFRIDGE CHAIRMAN

OPERATING COMMITTEE DMEA DEPT INTERIOR WA

REURTT MARCH 22, DOCKET DMEA-1466 ADDY MINING COMPANY, CONTRACT IDM-E200. IN ITS LETTER TO THE OPERATING COMMITTEE DATED MARCH 17TH THE FIELD TEAM WAIVED ITS EQUITY IN $720.49 WORTH OF PIPE AND RAIL WITH ACCESSORIES.

A E WEISSEMBORN USGS SP

22 DMEA-1466 IDM-E200 17 $720.49

AC 243

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
1201 N. Division St.
Spokane 2, Washington
March 17, 1954

Mr. George C. Selfridge, Chairman
DMEA Operating Committee
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA 1466 - tungsten
Addy Mining Company
Stevens County, Washington
Contract Idm-E200

Dear Mr. Selfridge:

Reference is made to your letter of March 8, 1954 concerning the disposition of pipe and rail with accessories costing $720.49 under the referenced contract.

It had been our intention to waive the Government's equity in the pipe and rail; however, this matter was inadvertently overlooked. Used pipe and rail has only a nominal value when in place, particularly at isolated projects or in areas where there is little mining activity, and unless the Operator submits a bid on such items it is almost impossible to dispose of them.

In the case of the Addy Mining Company there is no mining activity in the area, and the Operator did not wish to bid on the pipe and rail since he does not plan to work the mine in the foreseeable future. As it would probably cost more to remove the track and pipe and dispose of it than the materials are worth, the Field Team hereby waives the Government's equity in these items.

By Field Team, Region II

A. E. Weissenborn

A. E. Weissenborn, Executive Officer
U. S. Geological Survey

Wing G. Agnew

Wing G. Agnew, Member
U. S. Bureau of Mines

Bill

Looks like you can't do much until a reply comes to our letter 3/8/84 —

Did we consider sending Fred Tenn copy of your summary with Geehan's comments, or did Operating Committee consider that action?

TT Mar 22 if we haven't heard then from Region II

Mr. Martin

This is the case where on March 3 we decided not to send the "close letter" prepared saying no discovery. Instead, we filed the close letter since Oper. furnished no final report, and if he does perhaps we could still certify--otherwise at present too late to certify.

Is this letter from applicant, perhaps the ~~xxxxxxxx~~ avenue for certifying even though the 6 months after expiration over?

No

lr

WELLER BROTHERS N. 633 MADELIA STREET KEystone 9341

Excavating and Cement Contractors

Large and Small Shovels and Bulldozers • Patrol Blades • Blasting

SPOKANE, WASHINGTON

March 9, 1954

RECEIVED
MAR 15 1954

dmea
1466 E 200

Mr. C. O. Mittendorf
Administrator of D. M. E. A.
Department of Interior
Washington 25, D. C.

Dear Sirs:

We are the owners and operators of the Addy Mining Company located near Addy, Washington. We had a D. M. A. exploration loan and government contract to explore for tungsten.

The property was eventually termed as not a "certified discovery". We bought the governments interest in tools and equipment and have abandoned operations since October of 1952.

Now we understand the U. S. G. S. has reopened the files on this case and are carrying on some sort of investigations.

We have a couple of prospective leasers interested in the property, but until we are released from all chances of government claims our hands are tied.

We would appreciate information from you as soon as possible as to what is developing. We want some kind of clearance from the government so we can do things we might want to do.

Sincerely yours,

R. J. Weller

R. J. WELLER

Contract # Idm - E 200
Docket # DMA 1466X

Rutledge
Martin
Selfridge
Johnson
Weissenborn

MAR 8 1954

Mr. A. E. Weissenborn, Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA 1466 - Tungsten
Addy Mining Company
Addy mine
Stevens County, Washington
Contract No. Idm-E200

Dear Mr. Weissenborn:

In reviewing the subject docket, it was noted that no salvage or other disposition is shown for the pipe and track installed under the contract.

Excluding the cost of installation, the accepted costs of these items are:

Pipe & fittings	$195.15
Track	525.34
	$720.49

It would be appreciated if you would give this matter your attention.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GHB)

Approved:

J. H. Hedges

Member, Bureau of Mines (GHB)

D. M. Larrabee

Member, Geological Survey (GHB)

cc: DOCKET
FT, REG. II
CODE 400
OPER. COMM.
ADM. READ. FILE
R. W. GEEHAN, USBM
T. P. THAYER, USGS

FARutledge/ls
3/8/54

F.C.S. 3-9-54

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

400

Mr. R. J. Weller
Addy Mining Company
N633 Medelia Avenue
Spokane, Washington

Re: Docket No. DMEA 1466 - Tungsten
Contract No. Idm-E200
Stevens County, Washington

Dear Mr. Weller:

We are pleased to advise you that your performance of exploration work under the subject contract has been satisfactory to the Government, and the account relating thereto has been closed. The final audited and settled account shows:

Total claimed for units of work performed	$20,104.60
Total Government contribution at 75 percent	$15,078.45

Your attention is called to the provision of the contract which requires you to keep and preserve your records and accounts of this transaction for a period of three years for possible future reference.

We sincerely regret that the work performed did not result in a certification of discovery or development under the provisions of the exploration contract. In the absence of such certification, the Government retains no claim or lien against the property or any production therefrom.

The Government is grateful for your participation in the exploration program of the Defense Minerals Exploration Administration.

Sincerely yours,

Administrator

Not used: Operator did not furnish final report.

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

Defense Minerals Administration
RECEIVED
FEB 18 1954

February 17, 1954

Memorandum

To: W. S. Martin, DMEA

From: Robert W. Geehan

Subject: Final Report on DMEA 1466, Addy Mining Company, Stevens County, Washington

The Field Team, Region II, recommends no Certification of Discovery. I feel that the deposit should be certified.

The Field Team report lists 1,576 units in rock with an average grade of 0.47 percent WO_3, calculated on a minimum mining width of 2.5 feet. This rock has a gross value of $29.60 per ton. Less than half of this is quartz, so hand sorting might produce a mill feed with a value of, say, $50 per ton.

Another factor in favor of certification is the discounting of sample 12 which is said to have "an erratic value of 9.78 percent WO_3." Study of the maps indicates that the vein has erratic values. Discounting exceptionally good samples may be a sound practice when purchase of a mine is being considered, but it seems much less logical when the result is potential loss of royalty to the Government. The three samples on the upper level average 0.77 percent WO_3 when expanded to 2.5 feet minimum width.

The logic of the third paragraph on page 7 seems open to question. The Field Team has discounted erratic values by systematic samples and by discounting one exception sample. This paragraph seems to again discount the deposit.

I feel that the Field Team has been too conservative in this case.

Robert W. Geehan

Robert W. Geehan

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

February 9, 1954

Mr. George C. Selfridge, Chairman
DMEA Operating Committee
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA 1466 (tungsten)
Addy Mining Company, Addy Mine
Stevens County, Washington
Contract No. Idm-E200

Dear Mr. Selfridge:

In reply to your letter of February 2, the final report on the Addy mine has been sent to you and should be in your hands by now.

Sincerely yours,

A. E. Weissenborn

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

cc: USBM (2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 11 1954

February 8, 1954

Mr. George C. Selfridge, Chairman
DMEA Operating Committee
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA 1466 (tungsten)
Addy Mining Company
Stevens County, Washington
Contract No. Idm-E200 (completed)

Dear Mr. Selfridge:

Enclosed are four copies of a final Field Team report on the referenced contract.

The project was designed to explore the downward extension of a narrow, tungsten-bearing quartz vein. Drifting on the vein, on the DMEA or lower level, proved the vein to have an erratic distribution of tungsten minerals. Some high-grade samples were obtained but a careful analysis of available assay data indicates the tenor over a minimum mining width of the vein to be too low grade to be classed as ore.

Project work was stopped before the contract was completed. At the time work stopped there remained $839.40 of unexpended funds. As it was believed that the objective of the contract had been attained and that little could be accomplished by expending the remaining funds on additional work, no attempt was made to induce the operator to complete the work. It was assumed the contract would terminate automatically on its expiration date of November 2, 1952.

The Field Team recommends that no Certification of Discovery or Development be issued for DMEA work on the referenced property.

By Field Team, Region II

A. E. Weissenborn

A. E. Weissenborn, Executive Officer
(U. S. Geological Survey)

Wing G. Agnew

Wing G. Agnew, Member (Acting)
(U. S. Bureau of Mines)

Enclosure
cc: Certifying Officer
USBM (2)
Puffett

Reviewed by
DMEA OPERATING COMMITTEE
2-15-54
(date)

F.T. FINAL RPT.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 11 1954

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FIELD TEAM, REGION II

FINAL REPORT

Contract Idm-E200

by

W. S. Anderson
Mining Engineer
U. S. Bureau of Mines

Willard P. Puffett
Geologist
U. S. Geological Survey

ADDY MINING COMPANY
Spokane, Washington

Docket No.:	DMEA-1466
Commodity:	Tungsten
Contract Date:	November 2, 1951
Suspension Date:	September 20, 1952

ADDY MINE
Summit Mining District
Stevens County, Washington

Reviewed by
DMEA OPERATING COMMITTEE
2-15-54
(date)

Spokane, Washington

January 15, 1954

FINAL REPORT

ADDY MINING COMPANY
Addy Mine
Summit Mining District
Stevens County, Washington

Contract Idm-E200

○ ○ ○ ○ ○

INTRODUCTION

This report describes an exploration project for tungsten ore at the Addy mine, Stevens County, Washington, in which the Addy Mining Company and the Defense Minerals Exploration Administration participated jointly.

Authorship

The sections on property and exploitation possibilities were written by W. S. Anderson, Bureau of Mines. Geology was written by W. P. Puffett, Geological Survey. All other sections have joint authorship.

Summary

The exploration project at the Addy mine was to explore the downward extension of a tungsten-bearing quartz vein by bulldozing to locate the vein outcrop and by drifting 650 feet on the vein at an elevation 110 feet below the upper adit.

Total work completed under the contract included 510 feet of drifting, 24 feet of crosscutting, and 80 feet of rehabilitation on the lower adit level, plus 20 feet of rehabilitation on the upper adit. Total cost of the project was $20,450.00 of which the Government participation was 75 percent or $15,337.95.

A narrow, somewhat discontinuous quartz vein was exposed for a strike length of more than 300 feet in the lower adit. This vein correlates with the downward projection of the productive quartz vein in the upper adit. Although this vein ranges in width from only one to six inches, fair to good concentrations of tungsten minerals, predominantly wolframite with minor scheelite, occur sporadically throughout its length, being very similar in this respect to the usual type of tungsten-bearing quartz veins.

Mapping and sampling of the vein proved it to range from 2 to 6 inches in width, and to have an erratic tungsten content. Fifteen systematic samples taken at 10-foot intervals along the vein and across 2.5-foot widths--assumed minimum mining width--averaged 0.47 percent WO_3. This is believed to be representative of the over-all tungsten content of the vein on the level explored by the lower adit, as calculated across a minimum mining width.

Recommendations

It is recommended that no Certification of Discovery be declared for the work done at the Addy mine.

LOCATION AND ACCESSIBILITY

The Addy mine is in Sec. 19, T. 32 N., R. 38 E., in the Summit Mining District, Stevens County, Washington, approximately 15 miles southwest of the town of Addy. The mine workings are at an elevation of 4,200 feet on the east slope near the top of the Columbia River-Mill Creek divide, the latter creek being a tributary of the Colville River. The mine workings can be reached by a short, steep, winding road that branches northward from the Addy-Bissell road just west of the summit of the divide.

Although the terrain is rather rolling and precipitous, slopes are uncommon; there is a maximum relief in the area of about 3,500 feet, the average relief being approximately 2,500 feet. Snowfall during the winter months is considerable, and snow remains on the ground from October to late April. Moderate rainfall occurs during the summer. Temperatures are moderate throughout the year.

PROPERTY

The property covered by the exploration project contract consists of two patented lode claims, View No. 1 and View No. 2 recorded in County Records, Book "P" - patents - page 309. The claims are owned by the Addy Mining Company, a partnership composed of R. J. Weller and W. C. Weller, N. 633 Madelia, Spokane, Washington.

Information on the upper adit was obtained from a map by J. H. Eby, retired Spokane mining engineer. This adit consists of approximately 580 feet of drifting and crosscutting as shown on the attached map.

The lower adit, which was rehabilitated and advanced under the exploration project contract, is 506 feet from the portal to the existing face. The adit was driven 5 feet by 7 feet in the clear.

Timber was required only in the rehabilitated first 60 feet in the crosscut driven around the cave shown on the attached map. The rest of the drift required no timber except for an occasional set where a fracture or fault was encountered.

THE PROJECT

Records of production and promising tungsten content of the exposed portions of the vein in the upper adit at the Addy mine indicate that, though narrow, the veins on the property were sufficiently well mineralized to warrant further exploration.

The original plan was to bulldoze trenches to trace the extension of the main vein to an elevation near an old caved adit, about 110 feet below the adit from which production had been achieved. If the vein were found, 650 feet of drifting was proposed to explore it below the upper workings.

Exploration work began late in December 1951 with the erection of a compressor shed, tool house, and bunk house. Instead of bulldozing for the vein and driving a new heading, it was decided to attempt to recover the old adit. After 60 feet of the adit was rehabilitated, a heavy caved area was encountered. A drift was driven around the caved area, and continued westward. Although narrow, quartz-filled fractures with a few blades of molybdenite were encountered, no promising showing of tungsten-bearing vein material was encountered until the drift had advanced 200 feet west of the portal. Here, a 3-inch wide vein with considerable wolframite was exposed in the south wall. The drift was continued another 50 feet, at which place it was widened to follow a narrow mineralized fault into the south wall. In the south wall of this widened section of the drift, there was exposed a quartz vein three to five inches wide, striking west and dipping 65° to the north, and containing promising quantities of wolframite and scheelite. This vein could apparently be correlated with the projected downward extension of the vein in the upper adit. The vein was followed for more than 270 feet, but, near the face of the drift, it disappears into the north wall. There is considerable faulting near the face of the drift, and indications are that the operator drifted away from the vein following the wrong structure.

At a point 375 feet west of the portal a crosscut was driven southward to explore for possible parallel veins and to ensure that the vein being followed was not a narrow stringer in the hanging wall area of the main vein. This crosscut was not long enough to explore the downward projection of the south vein mapped in the upper workings (see attached map).

An attempt was made to rehabilitate the upper adit sufficiently to allow examination, but after 20 feet of adit was cleared, labor troubles developed at the mine and operations were suspended September 20, 1952.

No additional work was done at the mine as winter weather made it impracticable to continue. There being only $39.40 of unexpended funds remaining in the contract and as additional work was not likely to yield new information, it was considered that to all intents and purposes the objective of the contract had been attained. However, no formal termination was made as it was thought erroneously by the operator and the field team that the contract would terminate automatically on its termination date of November 2, 1952.

Geology

A short report concerning the Addy mine was published in 1945 in "Tungsten Resources of Washington," Bulletin No. 34, Washington Department of Conservation and Development, pp. 69-70, by H. E. Culver and W. A. Broughton. According to this report, the granitic rocks in which the mine occurs are part of a stock, roughly circular in plan outline, measuring 2½ miles from north to south and 1½ miles from east to west, which has intruded argillites, quartzites, and some undifferentiated limestones, all members of the Stevens series of Paleozoic Age. 1/ In general, the sedimentary beds dip away from the intrusive but faulting has produced a reversal of attitude in many places giving rise to complicated structures.

The rocks in the Addy mine range from granitoid granitic rocks to coarsely pegmatitic varieties, composed predominantly of coarse-grained potassic feldspars with quartz and very minor muscovite. Generally, they are moderately coarse-grained granites, with porphyritic facies showing phenocrysts of orthoclase, and accessory biotite.

1/ Weaver, C. E., Geology and mineral resources of Stevens County, Washington Geol. Survey Bull. 20, 1916. Plate I.

There is a fairly pronounced structural pattern exposed in the lower adit. Elements of this pattern include two sets of faults and the mineralized quartz vein. One set of faults strikes N. 50° E. and dips 60° S; the other set strikes N. 60°-70° E. and dips 65°-70° N. The vein strikes generally east-west, and dips 65°-85° N., and occurs in the intermediate area between the two faults. Thus, comparing these structural features to a simple strain ellipsoid diagram, the faults would represent planes of shear and the vein would represent filled tension openings between the shear planes, it being assumed the plane of maximum compression is in an east-west direction.

The faults range in size from very narrow, quartz-filled joints to structures containing more than 12 inches of gouge and broken rock. Some faults contain scattered blades of molybdenite and very minor scheelite, but they generally are barren.

The vein ranges from one to six inches in thickness, and is somewhat en echelon in strike pattern. The mineralogy of the vein is simple. To the east, the vein consists only of quartz with scattered concentrations of wolframite and scheelite. To the west, beyond the short crosscut south on the lower level, the rock bounding and within the vein assumes a more pegmatitic character and tungsten minerals occur more continuously. At some locations the narrow vein is composed almost entirely of wolframite. Although the vein is still predominantly quartz, it contains an increased proportion of coarse-grained feldspar and black to green tourmaline. Locally there is a band of pegmatitic material nearly one-foot wide. Some kaolinization of the feldspars has occurred along the vein in the eastern part of the lower adit, but this alteration is probably a product of weathering.

No production has been obtained from the lower adit but records indicate that nearly 1,000 tons of ore from which possibly 36 tons of concentrates containing 63 percent WO_3 were produced from the upper workings as a result of discontinuous operations in the period between 1916 to 1939.

Reserves

For the purpose of calculating possible units of tungsten in the area between the upper and lower adits, we have used only the results of systematic samples Nos. 1 to 15 inclusive. Other samples are shown on the attached map. These samples are spaced at uneven intervals and are mostly of the vein itself. They indicate that the vein contains rich spots of tungsten minerals which are too erratic to be used in a quantitative estimate; therefore, they have not been entered into any reserve calculations.

Study of the 15 systematic samples will show that one sample--No. 12--has an erratic value of 9.78 percent WO_3. This assay value is completely out of proportion with the other samples. Therefore, to obtain a mean value of the 15 samples, all 15 were averaged, the result being 1.05 percent WO_3. This average value was then inserted as the value of Sample 12, in lieu of its original high assay value, and the average of the 15 samples again calculated. On this basis the average assay value of the 15 samples was determined to be 0.47 percent WO_3, which is believed to be more representative of the possible tungsten content of the vein in the area sampled. Using the average assay value of 0.47 percent WO_3, and assuming a minimum mining width of 2.5 feet in the vein between the lower and upper adits, 1,576 units of tungsten may be calculated in the area above the 15 systematic samples.

At first glance it would seem that 1,576 units of tungsten represents an appreciable discovery. It is believed, however, that a tungsten grade of 0.47 percent WO_3, as expanded to a minimum mining width of 2.5 feet, is too low to be considered as ore. There are admittedly other erratically high assay values in the vein but it is believed that these enriched areas are too small in volume to materially affect the above-described average assay value of the vein, as calculated across the minimum mining width. As corroborating evidence of this observation, the reader's attention is directed to sample EAM 180, shown on the attached map. This sample was taken along the strike of the vein for a distance of 50 feet, the vein having an average width of 0.4 foot throughout this distance. The sample assayed 1.55 percent WO_3, but when the vein assay value is expanded to a 2.5-foot mining width the calculated value decreases to 0.24 percent WO_3.

It is believed that the vein cannot be considered as of ore grade and therefore should not be certified as a discovery regardless of what the calculated tungsten content might be.

Exploitation Possibilities

The quartz vein which carries the tungsten values ranges from 2 inches to 8 inches in width. Seventeen chip samples were taken at 10-foot intervals by George L. Todd, Bureau of Mines, on April 13, 14 and 15, 1953, with the samples being cut across the vein for a mining width of 2.5 feet. The attached assay map shows sample locations and assays. The assay map indicates that the narrow vein is erratically mineralized with the high values occurring in small pods or lenses, rarely exceeding 10 feet in strike length.

Using a 2.5-foot mining width at the Addy mine, a stulled overhand stope method of mining could be used as the wall rock is

granite which stands well and requires little support. Stulls would be required only to support the working platform in the steep-dipping (65°-85°) stope. As the vein does not average over 6 inches in width, rock broken would be 80 percent waste, assuming that the tungsten mineralization does not extend into the wall rock. It is probable that some hand sorting could be done in the stope to upgrade the mill feed. Breaking of the rock would have to be closely supervised as the tungsten minerals are very friable, resulting in loss of values in fines from heavy blasts.

The resulting method of mining in which the gangue would be used as stope fill would not be practicable at the Addy mine because the vein is too tight with no definite cleavage plane to break to.

In using the overhand stoping method values would have to remain fairly constant up dip to maintain a high enough grade of ore for mill feed. As the values are very erratic along the strike, one could not assume that they would not be as erratic up dip.

Taking into consideration the narrow width of the vein and the erratic tungsten mineralization, the property is considered, at best, marginal.

Summary and Factual Data

Under the exploration project contract, 534 feet of drifting and crosscutting was completed at a cost of $32.24/ft.

The lower adit was rehabilitated for 80 feet and 20 feet of rehabilitation was completed on the upper adit. Costs for rehabilitation and preparatory work required before actual mining operations could be initiated were $2,050.57. A combination compressor shed, shop and dry room was built and equipped at a cost of $686.38. Operating equipment purchased for the project cost $790.13.

The total contract amount approved was $21,290.00 of which the Government's participation was 75 percent or $15,976.50. The total cost of exploration actually completed under the contract was $20,450.60 of which the Government's participation was $15,337.95.

Equipment purchased

	Cost	Approx. value
1 ore car (used)	$ 125.00	$ 100.00
1 welding kit, which included the following:	80.00	65.00
1 oxygen gauge, No. r 4230775		
1 acetylene gauge, No number		
1 cutting torch No. 363173		
1 brazing torch No. 302617		
1 drill with pusher leg, No. 402578	485.13	100.00
1 grinder, No. 2496310	100.00	60.00
Total	$790.13	$325.00

The above listed equipment was advertised in the Spokane Spokesman-Review and Spokane Daily Chronicle but no acceptable bids were received. Weller Brothers of Spokane then submitted a bid July 9, 1953, of $210.00 for the equipment which was accepted by the Field Team.

Discussion of Conclusions

There were no unusual difficulties encountered in the exploration project. It was necessary to crosscut around a caved area near the portal, that required some timbering. The ground does not ordinarily require timbering. Artificial ventilation was required during the latter part of the project. Workmanship was of average efficiency.

Exploration possibilities include continued drifting on the vein to the west. Outline of the upper workings indicates the vein persists in this direction. In the upper workings a vein to the south of the main one is shown. Crosscutting on the lower level to explore this vein is another exploration possibility. Insofar as is known at present, there are no particular conditions that favor concentration of tungsten minerals in the vein as wolframite occurs in both the wide and narrow portions of the vein.

Attachments - 2

Distribution:
DMEA (4) ✓ USPS (SRO)
USBM (5) Puffett
Docket

400

DOCKET
SURNAME
Rutledge
Martin
Selfridge
Jackman
Mettenbergh

FEB - 2 1954

Mr. A. E. Weissenborn, Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA 1466 - Tungsten
Addy Mining Company
Addy mine
Stevens County, Washington
Contract No. Idm-E200

Dear Mr. Weissenborn:

Reference is made to the subject docket and our letter of November 18, 1943, asking when the Field Team's final report may be expected.

It would be appreciated if you would give this matter your attention and expedite the completion of the referenced report.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (JHB)

APPROVED:

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

s/ Philip W. Smith
Member, Geological Survey (JHB)

FARutledge:foc
2-1-54
cc to: Docket
Code 400
FT. Reg. 2
Operating Comm.
Adm. Reading File
R. W. Geehan, USBM
T. P. Thayer, USGS

R.C.S.
2-2-54

Send Clearance letter to Operator when "waivers on Government equip in pipeline track" and "Operators Final Report" are received from Field Team.

These waivers have been initiated by Field Team letters.

H-21-58

FILE COPY
SURNAME:

Rutledge
Martin
Selfridge

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

400

NOV 18 1953

Mr. A. E. Weissenborn, Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA 1466 - Tungsten
Addy Mining Company
Addy mine
Stevens County, Washington
Contract No. Idm-8200

Dear Mr. Weissenborn:

Reference is made to the subject docket and your letter of August 21, 1953, containing decision to waive the Operator's final report. It will be appreciated if you will advise us when the Field Team's final report on the subject contract may be expected.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (2/B)

APPROVED:

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

T. P. Thayer (2/B)
Member, Geological Survey

FARutledge:foc
11-16-53
cc: Docket
Code 400
FT. Reg. 2
Admr. Reading File
Operating Comm.
R. W. Geehan, USBM
T. P. Thayer, USGS

R.C.S. 11-18-53

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
~~XXXXXXXXXXXXXXXXXX~~
So. 157 Howard Street
Spokane 4, Washington

Department of the Interior
Defense Minerals Administration
RECEIVED
OCT 6 1953

October 1, 1953

Addy Mining Company
North 633 Madelia
Spokane, Washington

Re: Docket No. DMEA-1466 (Tungsten)
Addy Mine
Stevens County, Washington
Contract Idm-E200 (completed)

Gentlemen:

Enclosed for your files is a copy of an Audit Certificate and a final Audit Report covering your Exploration Project Contract Idm-E200.

Sincerely yours,

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosure

cc: DMEA (2)
USBM (2)
C. A. Turner

FILE COPY
SURNAME:
800

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

SEP 9 1953

Mr. Charles A. Turner
DMEA Auditor
c/o Mr. S. H. Lorain
Executive Officer
DMEA Field Team, Region I
P. O. Box 560
Juneau, Alaska

Dear Mr. Turner:

The Audit Report issued by you for the Addy Mining Company, Contract No. Idm-E200, Docket No. DMA-1466X, has been accepted and distribution of other copies may be effected.

Sincerely yours,

SIGNED
Jay L. Chambers, Chief
Contract Administration
and Audit Division

AMAlley/ama
September 9, 1953

Copy to: Docket
Admr. Reading File
Mr. Chambers
Mr. Hull

R.C.G.
9-9-53

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

August 21, 1953

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-1466X - Tungsten
Addy Mining Company
Addy Mine
Stevens County, Washington
Contract No. Idm-E200

Dear Mr. Selfridge:

Reference is made to your letter of August 14 in which you inquire as to disposition of equipment for the subject contract in which the Government has an equity, and also to the final report from the Operator.

Attached are copies of a letter from the Executive Officer to the Certifying Officer in which it will be noted that the Operator's bid for jointly-owned equipment has been accepted by the Executive Officer. Acceptance has also been made of the Operator's bid for compressor shed and bunkhouse built on the property with contract funds.

We have made several attempts to obtain a final report from the Operator but with negligible results. We have more recently learned that the Operator has disposed of the property, hence we assume that he is no longer interested in such a report. In view of the fact that the report would unquestionably be poorly prepared and of little value to the Government, we have decided to waive the requirements for this report.

Payment to the Government for the Government's equity in disposed equipment will be made by deletions from funds currently owed the Operator by DMEA.

Sincerely yours,

Thor H. Kiilsgaard

Thor H. Kiilsgaard
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Attachment
cc: USBM (2)
Puffett

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

August 21, 1953

Mr. R. J Hindman, Certifying Officer
DMEA Field Team, Region II
1201 North Division Street
Spokane 2, Washington

Re: Docket No. DMEA-1466 (Tungsten)
Addy Mine
Stevens County, Washington
Contract Idm-E200

Dear Mr. Hindman:

This is to inform you that work on the subject contract has terminated. Part of the project work still remains to be done and there are some funds remaining unspent in the contract; however, the Operator does not believe there are enough funds remaining to warrant the cost of reinstalling equipment and resuming work. Inasmuch as the contract time limit has expired we are not pressing the Operator to continue work.

The Operator has made an offer for equipment in which the Government has an equity and in the building constructed for the project, which has been accepted by the Executive Officer. No final report has been received from the Operator, but, as this report would probably be of little value to the Government, it is hereby waived.

The Field Team has recommended that no certification of discovery be issued the Operator. The Field Team's final report is partially prepared and will be completed when time permits. The final audit by Mr. Turner has been made and his DMEA audit report is in preparation.

As all contract requirements have been met or waived, it is requested that the Operator's final invoice be accepted and vouchered for payment.

Sincerely yours,

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

cc: USBM (2)
DMEA (2)
Auditor
Puffett
Con. Adm. & Aud. Div., Wash., D. C.

FILE COPY
SURNAME:

Rutledge
Martin
Hedges
Weissenborn

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

AUG 1 4 1953

Mr. A. E. Weissenborn, Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMA 1466X - Tungsten
Addy Mining Company
Addy mine
Stevens County, Washington
Contract No. Idm-E200

Dear Mr. Weissenborn:

Reference is made to our letter of February 26, 1953, requesting that you obtain a final report from the Operator covering the subject contract.

It will be appreciated if you will advise us whether such a report has been received and whether disposition has been completed for the equipment in which the Government has an equity.

Sincerely yours,

W. S. Martin
ACTING Chairman, Operating Committee

APPROVED:

J. H. Hedges
Member, Bureau of Mines

A. R. Kinkel, Jr.
Member, Geological Survey

Copy to: DOCKET
FT. REG. II
CODE 400
OPER. COMMITTEE
ADM. READ. FILE
MARY MILLER, USGS
R. W. GEEHAN, USBM

WSMartin/ls
8/14/53

8-14-53

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

So. 157 Howard Street
Spokane 4, Washington
August 4, 1953

Weller Brothers
N. 633 Madelia Street
Spokane, Washington

Re: Docket No. DMEA 1466 (tungsten)
Contract No. Idm-R200
Addy Mining Company
Stevens County, Washington

Gentlemen:

Your offer of $50.00 for the Government's equity in the bunkhouse and compressor shed at the Addy Mine camp, which was purchased jointly by the Government and the Addy Mining Company under Contract No. Idm-R200, has been reviewed by the Field Team and found acceptable.

Sincerely yours,

A. R. Weissenborn, Exec. Officer
DMEA Field Team, Region II

cc: DMEA, Wash. (3)
Certifying Officer
C. A. Turner, Auditor
USBM (2)

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

1201 N. Division St.
Spokane 2, Washington
August 4, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: W. S. Anderson, Mining Engineer, Bureau of Mines

Subject: Disposal of bunk house and compressor shed, Addy Mining Co., Contract No. Idm-#E200, Docket No. DMEA 1466 (tungsten)

Under the subject exploration contract a bunk house and compressor shed were constructed at the Addy mine with the Government contributing 75% of the costs. The total cost was $686.38 broken down as follows:

Labor	$346.19
Building materials	304.57
Payroll taxes	15.58
Industrial insurance	20.04
Total	$685.38

The bunk house and compressor shed were constructed of rough lumber and the salvage value of the materials used in the construction would be negligible if the buildings were to be moved from the property.

Waller Bros., Excavating and Cement Contractors, Spokane, Washington, have offered $50.00 for the Government's equity in the bunk house and compressor shed, and it is recommended that this offer be accepted as the buildings are of value only if left at the property.

W. S. Anderson

Distribution:
DMEA, Wash. (3)
USGS (2)
Certifying Officer
C. A. Turner, Auditor
DMEA (2)

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

Lou [illegible] Division St.
Spokane 2, Washington
July 15, 1953

Arly Mining Company
[illegible] 633 Pacelia Avenue
Spokane, Washington

Subject: Docket No. DMEA 1466A (Tungsten)
Contract [illegible]-200
Disposal of equipment

Gentlemen:

This is to advise you that the bid of Keller Brothers for jointly-owned equipment purchased under the subject contract, as indicated below, is acceptable to the Government.

Item	Amount bid
Portable grinder	$ 60.00
Copco drifter	110.00
Welding torch	15.00
Ore car	25.00

The amount due the Government on the sale of the above equipment will be deducted from the final payment made to you on the contract.

Sincerely yours,

Thomas [illegible] Howard
Acting Executive Officer
DMEA Field Team, Region II

cc: Certifying Officer, DMEA
DMEA, Wash. (2)
Contr. Admin. & Audit Div.
C. A. Turner, Auditor
USGS (2)
DMEA

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

1201 N. Division St.
Spokane 2, Washington
July 15, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: W. S. Anderson, Mining Engineer, Bureau of Mines

Subject: Equipment disposal, Addy Mining Co., Contract Idm-E200, Docket No. DMEA 1466 (tungsten)

Work on the subject exploration project contract was recessed September 20, 1952, with a balance of $430.18 remaining to be expended under the contract. As the contract expired on November 2, 1952 and the Operator did not wish to resume operations with the small amount of funds remaining, the contract was considered terminated.

The equipment purchased under the contract and in which the Government has an equity was inventoried and is as follows:

Equipment	Cost	Govt. participation @ 75%
1 Black & Decker portable grinder	$100.00	$ 75.00
1 Ore car	125.00	93.75
1 Victor acetylene welding kit	80.00	60.00
1 Copco drill with pusher leg	485.13	363.85
	$790.13	$592.60

Mr. R. J. Weller was advised to advertise the above equipment for sale and the following advertisements were placed:

Newspaper	City	Dates
Dishman News	Dishman, Wash.	May 8, 15 & 22, 1953
Inland Empire News	Hillyard, Wash.	April 30, 1953
Spokane Chronicle	Spokane, Wash.	May 7-21, 1953
Spokesman Review	Spokane, Wash.	May 7-21, 1953

To date Mr. Weller has received a bid of $100.00 from the Contractor Machinery & Storage Co., Seattle, Wash. for the Copco drill with pusher leg and a bid of $50.00 from H. C. Wickliffe, Spokane, Washington.

Mr. Weller stated that a number of body and fender men from Spokane, Washington, have inspected the welding kit but they considered it too large and unwieldy for their type of work.

On July 9, 1953, Weller Brothers, Spokane, Washington, submitted a bid for the equipment, as follows:

Item	Bid
Portable grinder	$ 60.00
Copco drifter	110.00
Welding kit	15.00
Ore car	25.00
Total	$210.00

Insofar as this is the highest bid received to date as a result of the advertisements it is recommended that the bid by Weller Brothers be accepted so that the contract can be closed.

W. S. Anderson

W. S. Anderson

Orig. & 3 cys - Wash.
USGS (2)
DMEA
AD
WSA/he

Weissenborn

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D. C.~~
1201 North Division Street
Spokane 2, Washington

May 5, 1953

Mr. R. J. Weller
Addy Mining Company
N. 633 Madelia Avenue
Spokane, Washington

Subject: Docket No. DMEA 1466X
Contract Idm-E200
Disposal of Equipment

Dear Mr. Weller:

Thank you for your letter of April 28, 1953 informing us that you have placed advertisements in the Inland Empire News and the Dishman News offering for sale the equipment purchased and jointly owned under the subject contract.

In addition to these two papers it will be advisable to advertise in papers with wider circulations, such as The Spokesman-Review and The Spokane Chronicle, thereby facilitating the disposal of the equipment. The cost of any such advertising can, of course, be deducted from the amount realized from the sale.

As you know, final settlement of the contract can be made as soon as the equipment is disposed of at a price satisfactory to both you and the Government.

Sincerely yours,

M. E. Volin, Member
DMEA Field Team, Region II

TEH/vf

cc: Wash. - 2
USGS - 2
DMEA
M/D
A/D

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 27 1953

311 WA SP /I-GS/

SPOKANE WASH 4-24-53 356

G C SELFRIDE CHAIRMAN DMEA OPERATING COMMITTEE

WA

SUBJECT.. DOCKET NO. DMEA 1466XJ ADDY MINING CO, CONTRACT IDM-E200

FIELD TEAM DOES NOT RECOMMEND CERTIFICATION. SAMPLING RESULTS INDICATE SPOTTY OCCURANCE OF TUNGSTON. INSUFFICIENT PRODUCTION POSSIBLE ONLY BY HAND SORTING FROM SMALL LENSES OF HIGH GRADE ORE.

A E WEISSENBORN USGS SP

AC 357

APR 27 9 35 AM '53

BUREAU OF MINES
MAIL ROOM
WASHINGTON, D. C.

FILE COPY
SURNAME:

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

Rutledge
Martin
Selfridge
Matthews

BL

Defense Minerals Exploration Administration
F. A. Rutledge
5285 3538

April 23, 1953

A. N. Weissenborn, DMEA Executive Officer, Region 2, South 157 Howard Street
Spokane, Washington
Docket No. DMA 1466X - Addy Mining Company - Contract No. Idm-M00

If this contract is to be certified we must have sufficient information in Washington by April 27, 1953. Please wire if sampling results indicate certification warranted.

G. C. 4/23/53

XXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXX
[redacted]

FARutledge/ls
4/22/53

G. C. Selfridge, Chairman
Operating Committee (26)

Copy to: Docket
Adm. Read. File
Code 400
Confirmation - Reg. 2 Field Team
D. M. Lemmon, USGS
R. W. Geehan, USBM
Audits Divn., Bur. of Mines

Docket

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

April 1, 1953

WSM
defer
4/13/53.
Rubin

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Department of the Interior
Defense Minerals Administration
RECEIVED
APR 6 1953

Re: Docket No. DMEA-1466X (Tungsten)
Addy Mining Company
Stevens County, Washington
Contract Idm-E200

Dear Mr. Selfridge:

Your letter of March 24 regarding termination and completion date of the subject contract and suggesting a suspension agreement has been received.

The Addy contract, dated November 2, 1951, provided for completion of the contract within a period of nine months or August 2, 1952. Amendment No. 3 to the contract reads in part: "In paragraph 3 of the contract delete 9 months (completion period) and substitute 12 months." This brought the completion period to November 2, 1952.

The Operator continued work on the project until September 20, 1952, when the mine foreman and the miners quit because the men had wrecked the truck used to transport men and supplies to the mine. The Operator tried unsuccessfully to hire a new crew to complete work on the project last fall, and he was actively trying to get men for the job until snow made it impractical to consider any work for the rest of the winter. The work stoppage, therefore, was involuntary as the Operator had every intention of continuing and completing the contract.

As previously mentioned in letter and telegram, it is our intention to complete the sampling at the Addy mine as soon as possible. The road was not plowed out during the winter and the Operator reported last week that there is a foot of snow yet on the ground. We hope that within the next two weeks it will be possible to reach the mine and complete the sampling.

Copy retained 400

A sum of $1,230.18 remains in the contract funds. This amount includes $800.00 withheld from vouchers submitted to cover the Government's equity in equipment purchased with project funds, thus leaving a balance of $430.18 for new work. The Operator removed his compressor and equipment from the mine late in the fall and he does not plan to resume operations again in view of the small balance left in the contract for further work. Since the Operator does not plan to resume work and the contract expired on November 2, 1952, a suspension agreement does not seem applicable in this case as we understand the text of Memorandum No. 18. A termination agreement might be substituted but by the time a termination agreement has been signed we will have completed the sampling, received the assay results, and have much of the Final Report completed--at least enough to recommend whether or not certification should be made.

?

But will Washington have enough for a proper case of [illegible]

It will be noted on the map accompanying an inspection report by Harold Kirkemo dated December 23, 1952, that a vein was followed for about 230 feet in the Lower Adit and that two samples were cut by the examining engineers on their routine inspection visits. These samples average 0.3 foot wide and contain an average of 3.08 percent WO_3 per ton, but more systematic sampling is necessary before we can formulate definite conclusions regarding ore reserves and mining possibilities.

Also to be noted on the map is the fact that the segment of vein in the Lower Adit at 22 to 32 feet west of USBM 119 averaged 3.48 percent WO_3 per ton across a width of 1.1 feet. The available geologic information suggests that most of the stoping above the Upper Adit was west of the present face of the Lower Adit and it may be possible that the Lower Adit has reached the east end of the ore shoot mined above the Upper Adit level.

We know from exploration work completed to date at the Addy mine that about 275 feet of drift were driven on a vein of quartz 1 inch to 1.2 feet wide containing scattered blebs and concentrations of wolframite. The vein cannot be stoped throughout its length, but a modest tonnage of ore might be produced by high-grading or stripping the vein in the better grade sections.

Because of the narrow width of the vein and the spotty distribution of tungsten in it, we would prefer to wait until a more thorough sampling job can be done before recommending whether certification should be made. However, if a decision is required immediately we would, on the basis of available information, not object to a certification of discovery, as it seems that at least a small amount of tungsten could be recovered by high-grading the vein.

By DMEA Field Team, Region II

A. E. Weissenborn

A. E. Weissenborn, Executive Officer
(U. S. Geological Survey)

cc: USBM (2)
Kirkemo

Acting for Thomas E. Howard
M. E. Volin, Member
(U. S. Bureau of Mines)

FILE COPY
SURNAME:
Rutledge
Martin

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

140

Written by A. E. Kane
AEKane
Martin
Rutledge
Martin
Selfridge
Rutledge

Air Mail

MAR 20 1953

Mr. A. E. Weissenborn, Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMA 1466-X - Tungsten
Addy Mining Company
Addy Mine
Stevens County, Washington
Contract No. Idm-E-200

J. C. 3/24/53

Dear Mr. Weissenborn:

Reference is made to the subject docket and your telegram and letter of March 11. Amendment No. 3 of this contract extended the date for completion of the work under the contract and had nothing to do with its "termination." We have until six months after completion of the exploration project or termination of the contract for certification.

It appears that the operator suspended operations in September 1952, although the contract, as amended, provided that the project was designed to be completed by November 1952, and that it will be some time before a decision can be made as to whether or not there should be certification. Under these circumstances it is suggested that an attempt be made to enter into a suspension agreement with the Operator in accordance with the terms of Memorandum No. 18.

Sincerely yours,

George C. Selfridge (GHS)

Chairman, Operating Committee

Enclosure
Approved:

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

A. R. Kinkel, Jr. (GHS)
Member, Geological Survey

FARutledge/AEKane/ema - 3/20/53
cc: Mails & Files
Adm. R. File
Op. Comm.
Mr. Thayer
Mr. Hedges
Mr. Rutledge
J. L. Hofflund
A. E. Kane
Chron.
Pending

400

FILE COPY
SURNAME:

Rutledge
Martin

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

Rewritten AEK/ema
3/20/53

Air Mail

Mr. A. E. Weissenborn, Executive Officer
DME Field Team, Region II
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMA 1466-X - Tungsten
Addy Mining Company
Addy Mine
Stevens County, Washington
Contract No. Idm-E-200

Dear Mr. Weissenborn:

Reference is made to the subject docket and your telegram and letter of March 11, 1953. Amendment No. 3 to the referenced contract extended the date for completion of the work under the contract, and had nothing to do with its "termination". We have until six months after a notice of termination is sent or the work completed for certification. However, since the Operator has suspended work, an agreement for suspension should be executed in accordance with the terms of Memorandum No. 18.

Sincerely yours,

Chairman, Operating Committee

Enclosure (Memo. 18)
Approved:

Member, Bureau of Mines

Member, Geological Survey

cc: Docket
Field Team, Region 2
Admn. Read. File
Operating Committee
Code 400
R. W. Geehan, USBM
D. M. Lemmon, USGS

FARutledge;AEKane/hhb
3/17/53

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 12 1953

RECEIVED
MAR 11 3 43 PM '53
GENERAL SERVICES ADMIN.
PUBLIC BLDGS. SERVICE
GMD - COMMUNICATIONS

146 WA SP /I-GS-G/

SPOKANE WASH 3-11-53 1124A

GEORGE C. SELFRIDGE, CHAIRMAN

OPERATING COMMITTEE, DMEA, DEPT OF INTERIOR

WA

RE ADDY MINING COMPANY, DMA DOCKET 1466, AMENDMENT 3 FORWARDED TO YOU JULY 24 EXTENDS TERMINATION DATE TO NOVEMBER 2, AND CERTIFICATION DATE TO MAY 2, 1953. PROBABLY VEIN TOO NARROW AND MINERALIZATION TOO SPOTTY TO JUSTIFY CERTIFICATION BUT PREFER WITHHOLD DECISION UNTIL THE PROPERTY IS THOROUGHLY SAMPLED. PROPERTY NOW INACCESSIBLE BUT SAMPLING CAN BE DONE AND DECISION MADE BEFORE MAY 2. LETTER ON WAY.

A E WEISSENBORN, EXEC OFFICER,

DMEA FIELD TEAM, REGION II

1466 3 24 2 2 1953 2

EC 1125A

FAR
No reply necessary
WSM

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 13 1953

March 11, 1953

WSM

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Airmail

Re: Docket No. DMA-1466X (Tungsten)
Certification of Discovery
Addy Mining Company
Stevens County, Washington
Contract Idm-E200

Dear Mr. Selfridge:

Last week we were asked in a telephone conversation with Mr. Ellis to advise the Operating Committee immediately whether a certification of discovery and development would be recommended for the Addy Mining Company by the Field Team before lapse of the six months' period following completion of the contract.

Amendment No. 3 to the subject contract, forwarded to your office on July 24, 1952, provides for the extension of the completion period from the original nine months to twelve months from the date of the contract, November 2, 1951. Our recommendation favoring or denying certification of discovery, therefore, need not be made before May 2, 1953. However, we are aware of the desire to complete final action regarding this matter, and we shall advise you as soon as we have gathered the facts necessary for the decision.

Your attention is called to an inspection report of the Addy mine by Harold Kirkemo dated December 23, 1952, in which he states that sampling at the mine will be completed when snow conditions permit access to the mine. We expect that in the next month it will be possible to reach the mine, and this work can be completed.

By DMEA Field Team, Region II

A. E. Weissenborn

A. E. Weissenborn, Executive Officer
(U. S. Geological Survey)

M. E. Volin

M. E. Volin, Member
(U. S. Bureau of Mines)

cc: USBM (2)
Kirkemo

Copy retained 400

DMA-1466

FILE COPY
SURNAME:

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

Defense Minerals Exploration Administration
FARutledge
5285 Mailing 3538
Selfridge

March 11, 1953

A. M. Weissenborn, DMEA Executive Officer, Region 2, South 157 Howard Street, Spokane, Washington

Docket DMA 1466X - Tungsten - Addy Mining Company - Contract Idm-E200

Reburlet February 26, 1953. Please wire your recommendations concerning certification.

George C. Selfridge
(GCS)

G. C. Selfridge
Chairman, Operating Committee

3/11/53

FARutledge/ls
3/11/53

cc: Docket
Admn. Read. File
Code 400
Field Team, Reg. 2 - confirmation copy
Audits Division, Bureau of Mines
R. W. Geehan, Bureau of Mines
D. M. Lemmon, USGS
Operating Committee

FILE COPY
SURNAME:

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

Rutledge
Martin
Selfridge
Weissenborn

FEB 26 1953

Mr. A. E. Weissenborn, Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 4, Washington

F.C. 2/26/53

Re: Docket No. DMA 1466X - Tungsten
Addy Mining Company
Addy Mine
Stevens County, Washington
Contract No. Idm-E200

Dear Mr. Weissenborn:

Reference is made to the subject docket. From the data available in Washington, it appears likely that a certification of discovery or development may be required. Sampling by the Field Team to determine if such a certification is warranted should now have been completed. Since only approximately a month remains in which a certification can be made, it will be appreciated if you will give this docket priority.

Your attention also is called to Paragraph 14 of the contract. Please inform the Operator that a final report is due and should be submitted promptly.

Sincerely yours,

George C. Selfridge
(JVB)

Chairman, Operating Committee

Approved:

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

T. P. Thayer (JVB)
Member, Geological Survey

FARutledge/ls
2/20/53

cc: DOCKET
ADMN. READING FILE
FIELD TEAM, REG. II
OPERATING COMMITTEE
CODE 400
R. W. GREHAN, USBM
D. M. LEMMON, USGS

1466

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 5 1953

December 31, 1952

Mr. Frank E. Johnson, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMA 1466X (Tungston)
Addy Mining Company
Stevens County, Washington
Contract IDM-E200

Dear Mr. Johnson:

The enclosed report of routine inspection has been prepared by Harold Kirkemo, geologist, U. S. Geological Survey, which will respond to your letter of November 26, 1952 inquiring about sampling and results of work accomplished at the Addy mine under term of the subject contract.

When results of the sampling planned by Mr. Todd of the U. S. Bureau of Mines have been received, a final report on this project will be prepared.

Sincerely yours,

A E Weissenborn

~~Harold Kirk~~emo
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosure 1 (in quad)
cc: USBM (2)
Kirkemo

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

December 23, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 1953

Memorandum

To: DMEA Field Team, Region II

From: Harold Kirkemo, Geologist, U. S. Geological Survey

Subject: Routine inspections, Addy Mine, Addy Mining Company, Stevens County, Washington, Docket No. DMEA-1466x, Contract No. Idm-E200 (Tungsten)

I first visited the Addy mine on September 3, 1952 accompanied by Payome Aranaykamon, Siamese geologist. Two miners under the direction of Jerry Fowler, foreman, were working in the mine. There had been no advance in the lower tunnel since W. P. Puffet's inspection on August 24, 1952, and his visit on September 2 with Mr. G. C. Selfridge. About September 25, the Operator, Mr. R. J. Weller, notified Mr. Magill, U. S. Bureau of Mines, that the work on the contract had been temporarily suspended. Mr. Fowler and the two miners had quit and no replacements had been engaged. I, therefore, visited the mine again on October 1. There was no one at the property, the road to the mine was blocked, and the lower tunnel was padlocked. The lower tunnel had been advanced 19 feet since my first visit to the mine. There has been no work performed at the mine since September. The DMEA contract expired November 2, 1952. There was a balance of $840.42 remaining on October 1, 1952.

Close out ?

The face of the lower tunnel is now 538 feet N. 85½° W. from the portal of the tunnel and 214 feet N. 75° W. from the portal of the upper tunnel 100 feet above (see attached map). Rehabilitation of the upper adit allowed by Amendment No. 4 to the contract was begun in September. Caved material along 20 feet of the drift had been removed so that safe entry can now be made into about one-half the length of the first old stope in the tunnel. Three posts, two caps, pole lagging had been installed to replace old rotten timber.

Lower Adit

Advance during September in the lower adit was along several narrow, westward-trending, irregularly mineralized fault gouges in dark greenish-gray granite. One of the mineralized faults turned into the north wall of the drift 17 feet from the face

or 30 feet southwest of U. S. Bureau of Mines station 119. Two samples each 0.6 foot wide cut across this structure assayed 2.24 percent WO_3 and 9.18 percent WO_3 respectively. The sampled material included light gray altered granite, feldspar, and quartz with some scattered wolframite, scheelite, and fluorite. Scattered blebs of rusty pegmatitic quartz were noted on a westward-striking fault clay crossing the drift at the face. A sample 0.4 foot wide cut on this structure at 37 feet southwest of U. S. Bureau of Mines station 119 assayed 0.05 percent WO_3.

The lower adit has been driven westward on narrow fault gouges and narrow stringers of pegmatitic quartz containing blebs of wolframite and scheelite with minor amounts of pyrite and tourmaline. The veins range in width from one-half inch to six inches. The veins are not constant in width or continuous along strike. Until more sampling has been done, it now appears that few sections along the veins are large enough to warrant stoping. The veins are cut by cross faults and strike faults which are numerous in the granite wall rock. Zones of bleached granite were noted in the lower adit. Cross sections A-A', B-B' on the attached geologic map show that the mineralized structure in the lower adit is probably the same one developed in the upper adit. However, to check the possibility of variation in the dip of the vein, a crosscut was driven south at 378 feet west from the portal. The crosscut failed to intersect any vein structure and was discontinued at 22 feet. A crosscut north to test for possible vein structure parallel to the lower adit drift was urged by the Field Team but had not been driven before work was discontinued in September. Driving both crosscuts was advisable; the south crosscut an additional 50 feet and the north crosscut 50 feet.

Upper Adit

Information on the upper adit level from a photostat print of a map by J. H. Eby, Spokane mining engineer, is posted on the attached map. This map shows that the vein in the main drift of the upper adit level attained a width of 16 inches and was inclined about 70 degrees to the north. A longitudinal section of this vein by Mr. Eby indicates the vein pinched in the back of the west stope 40 to 50 feet above the level. A note on this same section states that the vein is stoped out above the pinched zone, but the note appears to have been added subsequent to Mr. Eby's work on the map.

A crosscut from the upper adit level at 200 feet west of the portal was reported driven south about 65 feet. A vein was crossed at 40 feet south of the adit drift and 40 or 50 feet of drift was driven west on 6 to 7 inches of vein material. There is no information regarding the mineral content or possible stoping on this south vein. This information on the upper adit level was gathered on successive visits to the mine by Mr. Eby and probably is reliable.

Mr. George Todd, engineer, U. S. Bureau of Mines has made arrangements with the Operator to visit the Addy mine in the near future. A visit will be made as soon as arrangements can be made with Stevens County Commissioners for a snowplow to clear the road to the mine. Mr. Todd plans to complete sampling the vein structure in the lower adit level.

Harold Kirkemo

Harold Kirkemo
Geologist

Enclosure 1
Dist:
Orig. & 3-DMEA
USBM (2)
Docket
Kirkemo

FILE COPY 400
SURNAME:

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

Chapman
Selfridge

NOV 26 1952

Mr. A. E. Weissenborn
Executive Officer, Region II
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMA 1466X - Tungsten
Addy Mining Company
Stevens County, Washington

Dear Mr. Weissenborn:

We are in receipt of the MV-104 and 104-A forms for the month of September, 1952, on the above-noted property.

This report shows a balance of $840.42 left on October 1, 1952, and the contract expired on November 2, 1952.

We find that reports on mineralization were made as follow:

1. Report by Operator for April, 1952.

   We backed away from face 30 feet and drilled into side and showed up a vein 8 to 14 inches wide which showed good wolframite and scheelite (no sample).

2. Report by Operator for June, 1952.

   The main heading has a good looking stringer.

3. Report by Operator for July, 1952.

   The drift was extended 97 feet following an ore-bearing vein which varied in width from 3 to 18 inches. The present face over a width of 30 inches assayed 3.20 percent WO_3.

4. Report of E. A. Magill, E.M. on visit to property on August 24, 1952.

   The work shows a quartz vein 1 to 6 inches wide, with narrow quartz stringers branching off. The vein shows wolframite

and scheelite and is estimated to average 1 percent WO_3. (Two samples were taken but the results have not been received in this office.)

5. Report of W. F. Puffett, geologist, on visit to property on August 24, 1952.

The new work has been following what appears to be a system of narrow pegmatite stringers in which are contained copious quantities of wolframite. The grade of the ore in the veins appears to be high, but sampling will have to be done to determine if there is a probability these can be mined.

From the above reports, it appears that the property warrants sampling to determine the extent of mineable ore. We would appreciate your opinion on the above and on the advisability of certifying a discovery if samples should show mineable values.

Sincerely yours,

(signed) FRANK E. JOHNSON (GHB)

Chairman, Operating Committee

F.H. 11-26-52

Approved:

J. H. Hedges (GHB)

Member, Bureau of Mines

A. R. Finkel, Jr (GHB)

Member, Geological Survey

TLChapman'lm
11/24/52

cc: Admn. Reading File
Docket
R. W. Geehan, USBM
D. M. Lemmon, USGS
Field Team Reg. II
Operating Committee
G. C. Selfridge
T. L. Chapman

Aes

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
Spokane, Washington
November 18, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 1 1952

Addy Mining Company
N. 633 Madelia
Spokane, Washington

Subject: September 1952 invoice
Contract No. Idm-E200
Docket No. DMEA 1466X (tungsten)

Gentlemen:

Your September 1952 invoice for costs incurred under the subject contract has been approved for payment with the exceptions indicated in the attached memorandum from R. J. Hindman, Certifying Officer, directed to the Field Team.

The amount withheld pending final audit will be paid upon satisfactory disposition of jointly owned equipment, submission of your final report, and after a final audit has been made.

By Field Team, Region II

M. E. Volin, Acting Exec. Officer
U. S. Bureau of Mines
1201 N. Division St.

For: A. E. Weissenborn
U. S. Geological Survey
So. 157 Howard Street

Enclosure

cc: DMEA, Wash. (2)
USGS
DMEA & AD
DF

FILE COPY
SURNAME:

Selfridge.

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

September 23, 1952

Memorandum

To: Administrator, DMEA

From: G. C. Selfridge

Subject: Inspection report
Docket No. DMA 1566X - Tungsten
Addy Mining Company
Addy Mine
Stevens County, Washington
Contract No. Idm-D-200

The Addy Mine was visited September 2 with Mr. W. P. Puffett of the U. S. Geological Survey. The adit has been driven close to 600 feet and has passed the reported location of a small, partly mined ore shoot in the inaccessible upper adit. The adit appears to be crosscutting parallel quartz stringers at an acute angle. At times there is no structure present in the adit. A short crosscut to the southwest near the projected position of the upper ore shoot did not encounter a vein. A short section of a narrow stringer exhibiting wolframite has been sampled longitudinally with assay results still pending. The adit near the face has been following a pegmatite and not a quartz vein for some distance. The face, which was largely covered by broken rock, exposed one foot of barren pegmatite. A few rounds should determine its value. Before work in the adit is terminated a raise round or two should be driven on the sampled tungsten showing and the broken rock muck sampled. Work to date indicates poor tonnage possibilities. The upper adit may be rehabilitated just for examination.

George C. Selfridge

Chief, Iron and Ferro-Alloy Division

GCSelfridge:ls
9/25/52

Copy to: Docket
Admn. Read. File
G. C. Selfridge

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

1201 N. Division St.
Spokane 2, Wash.
September 15, 1952

MEMORANDUM

To: Chairman, Operating Committee, DMEA, Washington, D. C.

From: DMEA Field Team, Region II

Subject: Amendment No. 4 to exploration project contract Idm-E200, Addy Mining Co., Stevens County, Wash. Docket No. DMEA 1466 - tungsten

Transmitted herewith are the original and two copies of the captioned amendment together with two copies of a memo of justification prepared by a representative of the Field Team.

By Field Team, Region II

For: A. E. Weissenborn, Exec. Officer

M. E. Volin, Member

Enclosure

cc: USGS, Spokane (w/encl)
W. Rulon Lee, Albany (w/encl)

9/22/52

DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
LIBRARY
SEP 19 1952

RECEIVED
SEP 30 1952
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 12 1952

1201 N. Division St.
Spokane 2, Wash.

September 5, 1952

MEMORANDUM

To: DMEA Field Team, Region II

From: E. A. Magill, Mining Engineer, Bureau of Mines

Subject: Progress examination Addy Mining Co., Stevens County, Wash., Contract Idm-E200, Docket DMEA 1466X (tungsten)

A progress examination was made of the subject property on August 24, 1952 in company with Willard Puffett and Eugene Roseboom of the USGS.

Since my last visit on July 13 the Operators have advanced the main drift a distance of 83 feet. Another marker tag USBM #119 was placed in the back of the main drift 174 feet west of USBM #114.

The quartz vein which the Operators have been following continues to vary from an inch to six inches in width with narrow quartz stringers branching from it. The quartz contains an appreciable amount of wolframite and associated scheelite. It is estimated that the quartz will average around one percent WO_3. Two samples were cut, sample EAM 213 was taken along the 3-inch vein in the back of the drift from 53 to 58 feet east of USBM 119. Sample EAM 214 was a 1.0 foot channel sample in the back across the vein and associated fault breccia and gangue 22 feet west of USBM 119.

The vein which is being drifted on doesn't have the same appearance as the one exposed in the upper adit 100 feet above. This may be because the drift is at an elevation where the vein has begun to split up, similar to other tungsten veins in the area, or there is the possibility, rather remote, that we aren't on the same vein exposed in the upper workings.

I think it would be advisable to make an amendment allowing the upper adit to be rehabilitated for the mapping and sampling. An examination of the upper workings should help in determining if we are on the same vein in the lower workings, rake of ore shoots and minable reserves left in the old workings.

E. A. Magill

CC: 3--Wash.
2--USGS
DMEA

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
No. 157 Howard Street
Spokane 4, Washington

September 3, 1952

Memorandum:

To: [illegible] Executive Officer, DMA Field Team, [illegible]

From: Willard N. Puffett, Geologist, U. S. Geological Survey

Subject: Routine inspection of progress at Ady mine, Stevens County, Washington, under contract IdM-200. See et no. DMA 4. [illegible]

A routine examination was made of the Ady mine on Sunday, August 24, 1952. I was accompanied on this inspection by [illegible] Roseborn, U. S. Geological Survey, and [illegible] Hill, U. S. Bureau of Mines. No personnel of the Ady Mining Company were on the property at the time of the inspection.

A tape and compass survey was made of the new drift completed since the last inspection on June 20, 1952. Geology was plotted, samples were taken and a USBM spad was placed in the drift. A copy of the map made as a result of the survey accompanies this report. Assay results have not been received as of this date.

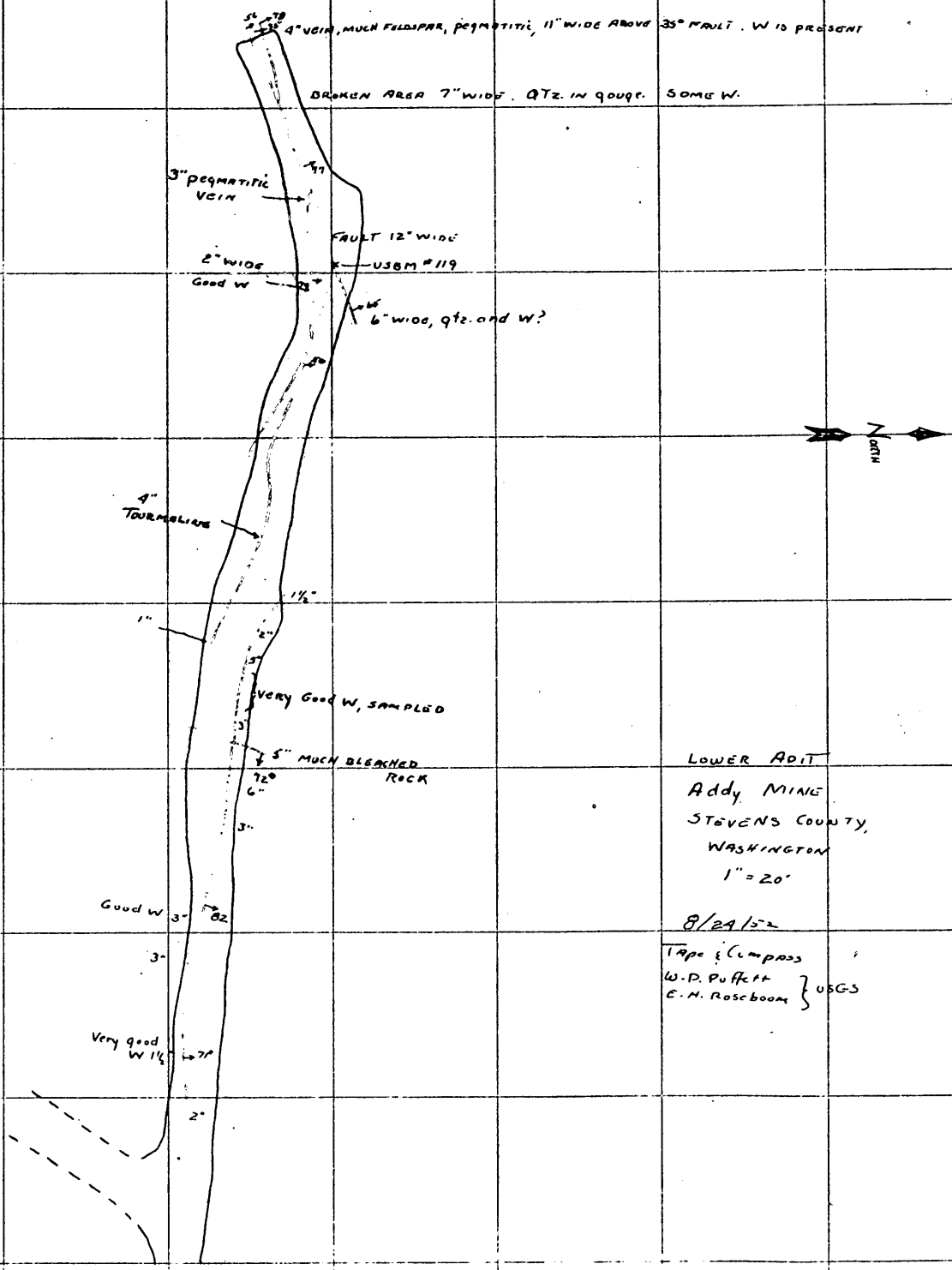
Total new drifting was 140 feet. This makes a total of [illegible] feet of drifting done to date of the contract.

The work has been following what appears to be a [illegible] of narrow, [illegible] stringers in which are contained considerable of wolframite. These veins do not average more than three inches wide [illegible] determined from present measurements, do not exceed over 20 feet in strike length. The grade of the ore in the veins [illegible] is not [illegible] will have to be done to determine if there is a [illegible] that can be mined. At several locations in the drift some tourmaline was noted.

Inasmuch as the trend of these pegmatitic stringers is all nearly north of west and the known veins in the upper workings is striking slightly south of west, it would add greatly to our present knowledge of the upper workings could be made available for inspection. An arrangement has been made to allow for sufficient rehabilitation of the upper workings by [illegible] for inspection next spring.

Willard N. Puffett

Enclosure
cc: DMA (4) ✓
[illegible] (2)
USGS (two)
Puffett



LOWER ADIT
Addy MINE
STEVENS COUNTY,
WASHINGTON
1" = 20'

8/24/52

Tape & Compass
W. D. Puffett
E. N. Roseboom } USGS

"ALBANENE" NO. 195M K&E CO., N.Y.
REG. U.S. PAT. OFF

OFFICE OF THE ADMINISTRATOR

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

1201 North Division Street
Spokane 2, Washington

August 11, 1952

MEMORANDUM

To: Chairman, Operating Committee, DMEA

From: Executive Officer, Field Team, Region II

Subject: Amendment No. 3, Docket No. DMEA 1466X (Tungsten)
Addy Mining Company, Contract Idm-E200

Enclosed please find the original of the above-captioned amendment, forwarded in accord with instructions contained in your letter of August 5, 1952

G. C. Reed
For M. E. Volin, Acting Exec. Off.
Field Team, Region II

Enclosure

400

FILE COPY
SURNAME:

Selfridge

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

AUG 5 1952

Mr. A. E. Weissenborn
Executive Officer, DMEA Region II
South 157 Howard Street
Spokane 4, Washington

Re: Amendment No. 3
Docket No. 1466X - Tungsten
Addy Mining Company
Stevens County, Washington
Contract No. Idm-E-200

Dear Mr. Weissenborn:

This is to acknowledge receipt of three copies of Amendment No. 3 relating to the subject docket.

We are returning herewith one copy of the amendment to replace the original copy which you may have in your office. Copies of amendments forwarded to Washington should always include the original.

Sincerely yours,

(signed) FRANK E. JOHNSON

Chairman, Operating Committee
Defense Minerals Exploration
Administration

Enclosure

Approved:

J. H. Hedges

Member, Bureau of Mines

J. M. Lemmon

Member, Geological Survey

GCSelfridge:ls
8/4/52

cc: Docket
Admn. Read. File
Operating Committee
Field Team, Region II
G. C. Selfridge
D. M. Lemmon, USGS
R. W. Geehan, USBM

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
B. 157 Howard Street
Spokane 4, Washington

July 23, 1952

Memorandum:

To: Chairman, Operating Committee, DMEA

From: DMEA Field Team, Region II

Subject: Amendment No. 3 to exploration project, Contract Idm- E200 Docket No. DMEA 1466

Transmitted herewith are three copies of the captioned amendment together with two copies of a memo of justification prepared by a representative of the Field Team.

By Field Team, Region II

A. E. Weissenborn, Exec. Officer
(U. S. Geological Survey)

M. E. Volin, Member
(U. S. Bureau of Mines)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 28 1952

RECEIVED
JUL 31 1952
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

SDS
7-28-52

M. E. Volin, Member, DMEA Field Team, Reg. II July 21, 1952

E. A. Magill, Mining Engineer, Bureau of Mines

Amendment No. 3, Addy Mining Co., Stevens County, Wash. - Docket 1466X (tungsten), Contract Idm-E200; Justification.

The subject amendment has been prepared to allow for crosscutting 35 feet into both the foot and hanging walls to determine if the vein which is being drifted upon is the main structure. This crosscutting was thought advisable inasmuch as the drift has reached a point under the ore shoot exposed in the upper workings and the vein in the face has fingered out. Crosscutting rather than long-holing or diamond drilling was recommended because the vein in question varies from a few inches to several feet and easily could be missed by drilling.

E. A. Magill

EAM:w

cc: USGS (2)
Wash. (2)
EAM (1)

7/25/52

M. A. Volin, Member, AMEA Field Team, Region II July 21, 1952

E. A. Magill, Mining Engineer, Bureau of Mines

Progress examination, Addy Mine, Stevens County, Wash.
Docket 1466X, Contract Idm-8200. Tungsten.

A routine progress examination was made of the subject property on July 13, 1952.

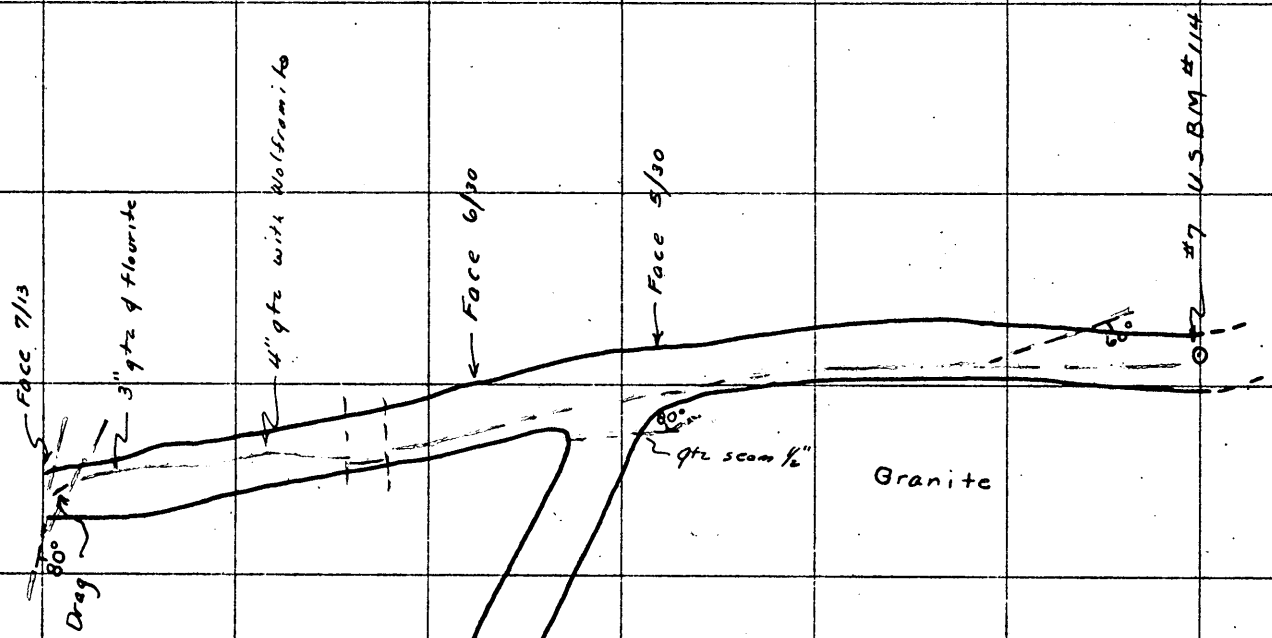
In order to facilitate measurements in the adit, a U.S.B.M. survey tag, #14, was placed at Station #7 of the Operator's transit survey. A sketch (attached) was made of the new workings.

The 32 foot crosscut into the footwall failed to disclose a vein. However, upon resuming the drift ahead the vein which had apparently fingered out, came in again and has widened out. As it is now exposed in the face some 55 feet past the crosscut, it is 2 to 4 inches wide containing wolframite and scheelite with the matrix being made up of about half quartz and half fluorspar. Also exposed in the face is a north-south fault which apparently offsets the vein toward the south. It will be necessary to cross the fault before the amount of offset in the vein can be determined.

Progress under the exploration project contract can be considered satisfactory although costs are running over the estimates.

E. A. Magill

Orig. to files
cc: USGS (2)
Wash (2)
BAM



N

ADDY MINE

Scale 1" = 20'

9/13/52 EAM

"ALBANENE" NO. 1000 KEUFFEL & ESSER CO., N.Y. REG. U.S. PAT. OFF.

FILE COPY
SURNAME:

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

C O P Y

(Stamped)
July 17, 1952

Orig. incoming ltr. in Dmea 747

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 4, Washington

Re: Kelly Camp, 747)
1466 Addy Mining Company and) (Tungsten)
McLure contracts 315)

Dear Mr. Weissenborn:

This will acknowledge receipt of your covering letter of June 26,1952, and your enclosed letters with Field Team memoranda replying to our various letters commenting on operations under the Kelly Camp, Addy Mining Company and McLure contracts.

We regret that you have misinterpreted our reasons for sending you copies of the review reports prepared by the Commodity Divisions of DMEA. They are prepared for the information of the Administrator; but we thought they might be helpful to you so sent them for your information and comments. They are not being sent to you for the purpose of criticising the Field Team; but to furnish you with analyses of project operations, indicating both favorable and unfavorable aspects, and showing the progress of operations over a period of time. We believe that you and your staff do not have the time to prepare such analyses, although you may be completely aware of all the aspects of the operations. It was our thought that these review reports would be helpful in correcting any unfavorable features of the projects as well as in avoiding their occurrence in operations under future contracts. We also thought your comments on these reviews would be enlightening to this office.

We realize that your office and the Field Team have been overloaded with work and hope that funds will be made available in this fiscal year so that you can employ additional help. Some projects probably cannot be inspected as frequently as they should until the work-load lightens, or additional help is employed. No doubt, inspections are arranged so that projects which are being operated efficiently and have no problems arising from time to time are not visited as frequently as those that are having difficulties. This office, however, has not been kept as fully aware of project operations as it should be. This can be helped to a great extent, without adding to the work-load, by furnishing us with copies of all inspection reports as soon as they are prepared.

C O P Y

C C
O O
P P
Y

DMEA has the responsibility for the Exploration Program and is called upon from time to time to furnish detailed reports and statistics on overall project operations, as well as on individual cases, to Congressional Committees, the Bureau of Budget, General Accounting Office, Defense Materials Procurement Agency, the Secretary's Office, and others. Hence, it must be fully cognizant of project operations in all respects.

We are very glad to know that you were aware of almost all of the points raised in our four letters and have either solved them or are attempting to work out a reasonable solution. We also appreciate receiving your comments thereon. You, no doubt, will agree with us that operations which are being run inefficiently should not be permitted to do so indefinitely, and if the conditions are not corrected within a reasonable period of time, these projects should be terminated. We have written you in reply to your letter of June 27, regarding the Kelly Camp project; but do not believe that your letters on the other projects covered by your letter of June 27, require individual replies.

We hope that you will receive our letters and the review reports, in the spirit, and for the purpose, they are written; that is, not to find fault with your office but to aid the Field Team and this office in the administration of contracts. We have complete confidence in the Field Officers and Field Teams. Our requests for information and review reports should not be interpreted that we lack confidence or do not appreciate the fine work that is being done in the field. By keeping us advised as currently as possible, however, we feel that very little misunderstanding will arise between the Washington office and the Field.

Sincerely yours,

/s/ George C. Selfridge

Acting Chairman, Operating Committee

APPROVED:

/s/ J. H. Hedges
Member, Bureau of Mines

/s/ T. P. Thayer
Member, Geological Survey

FEJohnson/bih 7/15/52
cc to; Mails & Files
Admr's Reading File
Operating committee
Region II
Messrs. Thayer R-5216 GSA Bldg.
Hedges R-4604
Selfridge
FEJohnson

C
O
P
Y

5)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

[illegible] Street
Spokane [illegible], Washington

July [illegible], 1952

Memorandum

To: [illegible], Executive Officer, [illegible]

From: [illegible] Mallett, [illegible]

Subject: Routine inspection of progress at [illegible], Stevens County, Washington, under [illegible] Contract [illegible], [illegible] 1806, Tunnelton.

On June [illegible], 1952, [illegible] visited the [illegible] and reported the new workings. At this time the main adit had been advanced 66 feet beyond station 27 of the company's tunnel [illegible] of the tunnel. From this location a crosscut had been advanced [illegible] the west of about [illegible] distance of 23 feet.

[illegible] in the [illegible] tunnel [illegible] the crosscut [illegible] in the [illegible] section [illegible] of the [illegible] vein [illegible] in the crosscut.

[illegible] inspection [illegible] of the [illegible], June 11, [illegible] crosscut had been discontinued and a new crosscut [illegible] feet had been [illegible] in the main adit. It is [illegible] this will [illegible] the vein is not [illegible] to contain [illegible], a crosscut is to be run to the east [illegible] possible continuation of the major vein being in the [illegible] a [illegible] on which the present face is being [illegible].

[illegible] recommendations [illegible] inspection report.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration

[illegible] Mallett

JUL 14 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Mines Minerals Exploration
JUL 2 - 1952

June 27, 1952

Mr. Frank E. Johnson
Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMA 1466X, Tungsten
Addy Mining Company
Stevens County, Washington

Dear Mr. Johnson:

This is in reply to your letter of June 10 giving cover to a memorandum to the Administrator from G. C. Selfridge, Chief, Iron and Ferro-Alloy Division, in which the work performed under the contract is analyzed. Not all the comments require answers; herewith is our reply to those that do.

(1) We are puzzled by the remark "decreasing the original adit footage was equivalent to adding $900.00 to the contract." Rehabilitating the old adit resulted in an appreciable saving which presumably could be utilized somewhere else in the contract and we suppose that this is meant.

(2) We are aware that the contract may have to be amended to allow for a time extension. However, the existing contract will not terminate until sometime in August and we plan to take care of whatever extension is necessary later on when the additional time required can be more closely estimated. It is possible that no extension will be required.

(6) The contractor's description of his tunnel may be confusing, but I don't think that anyone is seriously confused concerning what is being followed in the adit. Field Team engineers and geologists have been following the project quite closely and are satisfied that the contractor is not very far astray. We recognize the possibility that there may be several parallel veins and as soon as the lower adit reaches the projected position of the upper tunnel ore shoot, we will suggest a small amount of crosscutting or long hole drilling to check this possibility.

see F.T. memo of May 29, 1952

Enclosed are two copies of a brunton and tape map showing the geology. I think you will agree that we have not been asleep at the switch. In addition, at our own request, the operator has

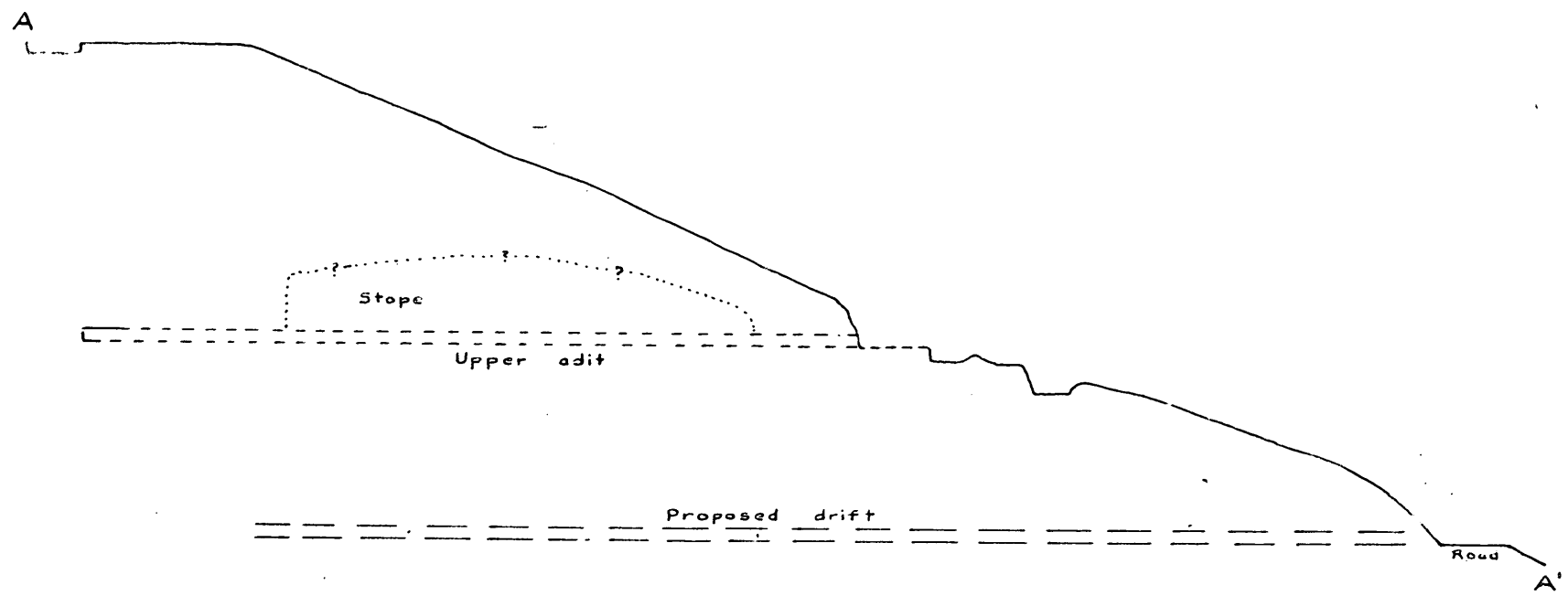
had made a transit survey, tying the upper and lower adits together, so that we could be sure of our correlations. We have compared this with our brunton survey and find that the two surveys are practically identical. Copies of the transit survey are not available yet.

Sincerely yours,

A. E. Weissenborn

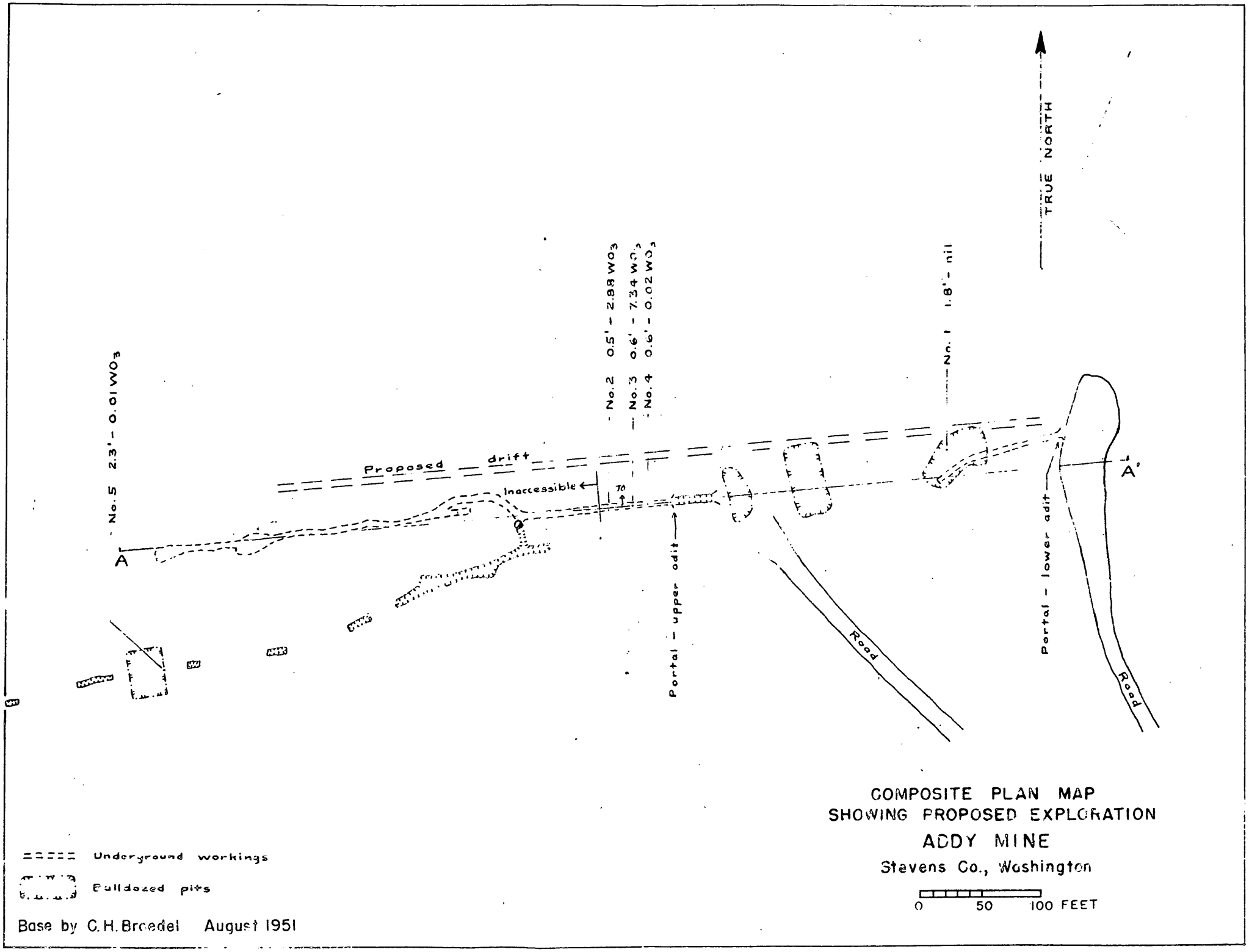
A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosures



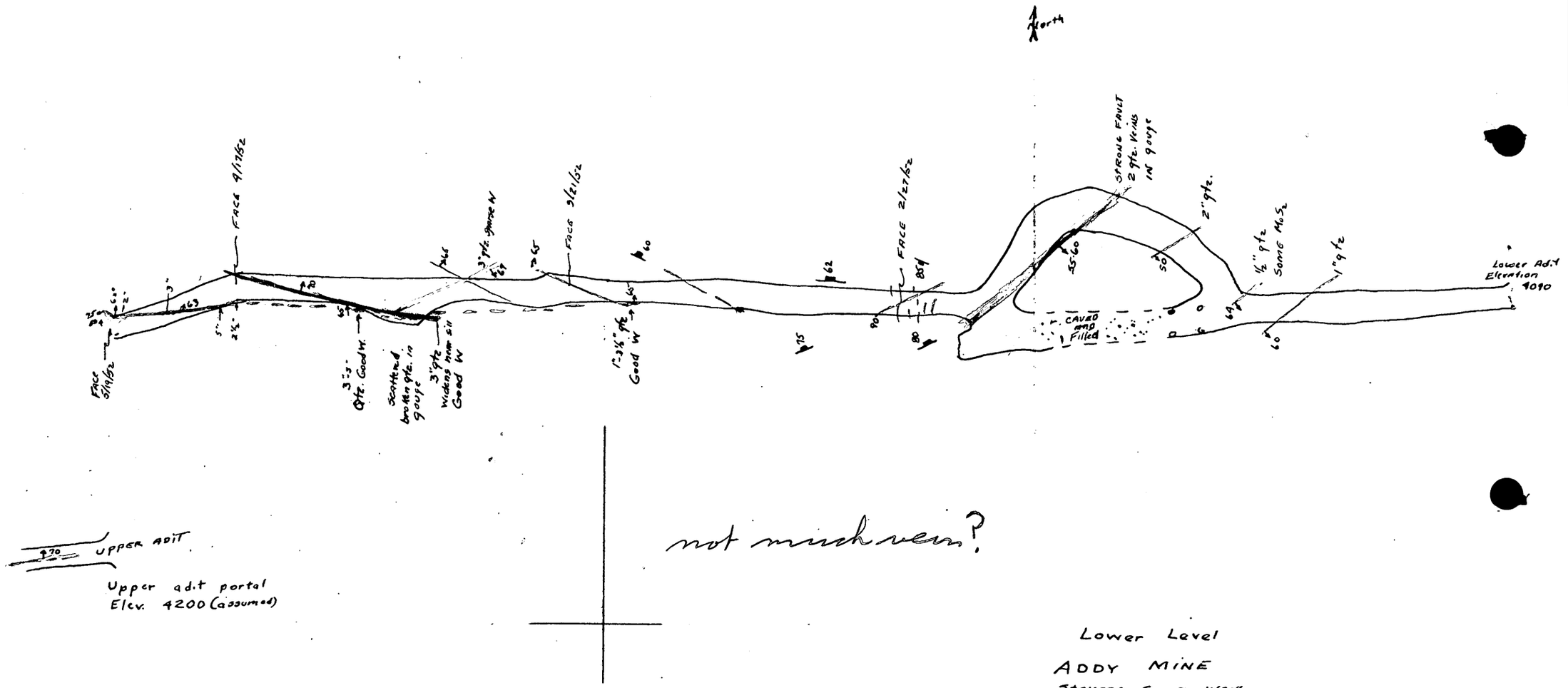
LONGITUDINAL SECTION OF
ADDY MINE
Stevens Co., Washington

0 50 100 FEET



COMPOSITE PLAN MAP
SHOWING PROPOSED EXPLORATION
ADDY MINE
Stevens Co., Washington

Base by C.H. Broedel August 1951



Lower Level

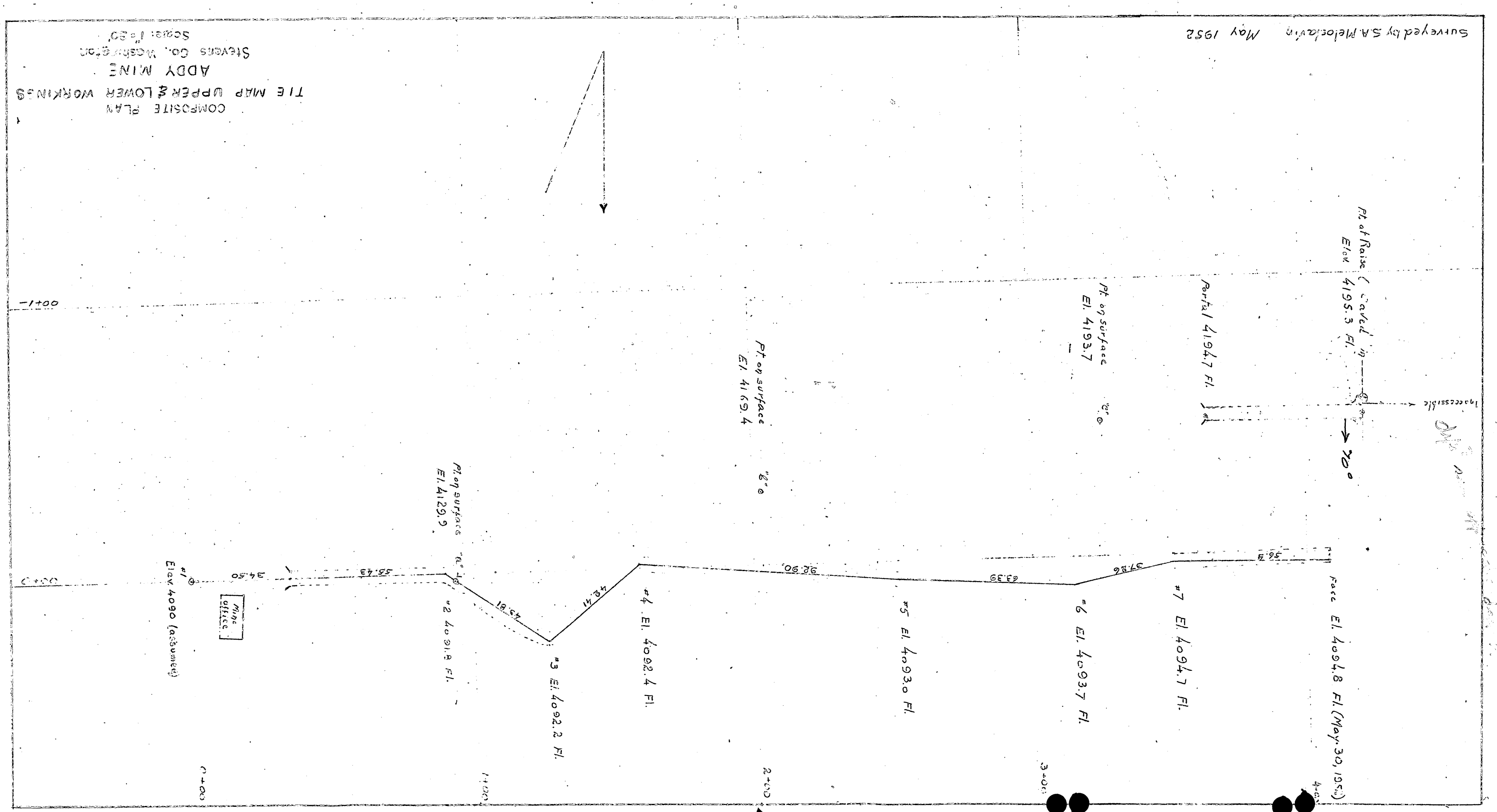
ADDY MINE

Stevens County, Wash

1" = 30'

Tape & Compass Survey Lower Level

Geology by W. P. Puffett, USGS


Surveyed by S.A. Melodavin May 1952
Pt. of Raise (Caved in)
Elev. 4195.3 Ft.
Inaccessible
N 70°
Portal 4194.7 Ft.
Pt. on surface
El. 4193.7
S 0°
Pt. on surface
El. 4169.4
S 8°
Pt. on surface
El. 4129.9
"a"
55.43
43.81
42.41
92.90
63.39
37.86
56.74
Face El. 4094.8 Ft. (May 30, 1952)
#1
Elev. 4090 (assumed)
Mine office
#2 4091.8 Ft.
#3 El. 4092.2 Ft.
#4 El. 4092.4 Ft.
#5 El. 4093.0 Ft.
#6 El. 4093.7 Ft.
#7 El. 4094.7 Ft.
0+00
1+00
1+20
2+00
3+00
4+00
COMPOSITE PLAN
THE MAP UPPER & LOWER WORKINGS
ADDY MINE
Stevens Co., Washington
Scale: 1" = 20'

M. E. Volin, Member, DMEA Field Team, Reg. II June 18, 1952

E. A. Magill, Mining Engineer, Bureau of Mines

Progress examination, Addy Mine, Stevens County, Wash., Contract Idm-E200, Docket No. 1466X (tungsten)

A visit was made to the subject property in the company of Willard Puffett of the U. S. Geological Survey on June 8, 1952.

At the time of the visit the face of the adit had been advanced to a point about 408 feet from the portal. This represents an advance of 70 feet since the last visit on May 14. The ore shoot which was exposed for about 50 feet has feathered out into several small stringers and at the time of the visit only one stringer was exposed on the right side of the face. A representative sample was taken (EAM-180) of the ore shoot.

On May 30 the operator had a transit survey made of the new adit and its relationship with the old upper workings (a copy of which is attached).

The Operator is in the process of installing 8" vent pipe and a gasoline engine-driven fan to furnish better ventilation in the new adit. He has also commenced to rehabilitate the old upper adit which is caved some 60 feet from the portal.

The Operator is planning to crosscut to the south in the new adit to determine if the structure which he has been following is the main one; also to determine if there are any parallel veins. This crosscut will commence from the present face. If it fails to disclose a vein, a crosscut will be driven to the north. This crosscutting is 100 feet below the east end of the stope which was opened in the upper adit. Unless the ore bodies rake rather flatly to the west it should determine whether or not they continue down to the depth of the new adit.

E. A. Magill

Orig. to files
cc: USGS (2)
Washington, D.C. (2)
EAM

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

1466

So. 157 Howard Street
Spokane 4, Washington

June 13, 1952

Memorandum

To: A. E. Weissenborn, Exec. Officer, DMEA Field Team, Region II

From: Willard P. Puffett, U. S. Geological Survey

Subject: Routine inspection of the progress being made at the Addy mine, Stevens County, Washington, as part of DMEA Contract Idm-E200.

I examined the Addy mine with E. A. Magill, U. S. Bureau of Mines, on Sunday, June 8, 1952. At the time of the examination, the adit tunnel had been extended 60 feet farther than the last inspection trip, May 14, 1952. The face is now 383 feet in a straight line from the adit portal. This face is in the same vertical plane at -63 degrees from a productive portion of the upper workings.

The vein, which had been followed in the tunnel, thinned to very narrow stringers after having been drifted on for 30 feet. Exposed in the last 60 feet of the tunnel are only one or two narrow, less than two-inch wide quartz stringers, which contain scattered showings of tungsten minerals. No detailed geologic map of the last 60 feet of tunnel was made as it was anticipated the operator would soon furnish the examining team with accurately surveyed maps of the tunnel.

DEPARTMENT OF THE INTERIOR
Bureau of Mines
JUN 26 1952

cc: USBM (2)
DMEA
USGS (SRO)

Copy retained 400

FILE COPY
SURNAME:

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

Selfridge
Weissenborn

JUN 10 1952

Mr. A. E. Weissenborn
Executive Officer, Region II
South 157 Howard Street
Spokane 8, Washington

Re: Docket No. 1466X - Tungsten
Addy Mining Company
Addy Mine
Stevens County, Washington
Exploration Project Contract Idm-R200

Dear Mr. Weissenborn:

Enclosed herewith is a copy of a review with comments of the subject contract.

Please note and take what action is deemed necessary.

Sincerely yours,

cc
6-10

(signed) FRANK E. JOHNSON

Chairman, Operating Committee (JVB)
Defense Minerals Exploration
Administration

Enclosures

GCSelfrige'lm
6/6/52

Approved:

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

D. M. Lemmon (JVB)
Member, Geological Survey

cc: Admn. Reading File
Docket
R. W. Geehan, USBM
D. M. Lemmon, USGS
Field Team Reg. II
Operating Committee
G. C. Selfridge

Dock
FILE PY
SURNE:

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

C. O. Mittendorf, Acting Administrator, DMEA

June 6, 19

Iron and Ferro-Alloy Division, DMEA

Review of Exploration Project Contract Idm-E200
Docket No. DMA 1466X - Tungsten
Addy Mining Company
Addy Mine
Stevens County, Washington

The subject contract in the amount of $21,290.00 provided for 650 feet of adit at $30.00 per foot as the major expenditure. Eighty feet of an old adit was rehabilitated and the contract was later amended to 570 feet. Review of the monthly reports from November through April indicates the following, to which comments and suggestions by the Division have been made.

1. Decreasing the original adit footage was equivalent to adding approximately $900.00 to the contract.

2. The contract is behind schedule as it has only 3 more months to run. Average advance through the months of February, March and April has been 80 feet. As of May 1, there was 315 feet of adit to be driven or the equivalent of 105 feet per month within the remaining life of the contract. It appears that the contract will have to be amended, if warranted, to allow at least another month of operation.

3. Footage costs have declined during the last three months of operation and since there remains $10,460.62, it is quite likely that it will not be necessary to amend the contract providing for additional funds.

4. As the MF-104 reports provide the Division with only sums of money and footage, it is impossible to calculate the number of shifts worked per month or rate of advance per working shift or man shifts. Labor cost per foot of advance appears to be a little high.

5. It was further noted that the Operator was not filling in the sums of the forms in the manner they should be and that the totals of some items were not carried forward at all times.

6. During the reading of the narrative part of the February report, the impression was gained that the Operator was lost at times. Quote - "Following the fault caused the drift to pull on a curve to the left and brought us back to the end of the old prospect which we had originally started from on January 28. We changed our course some 90° to the right - - - ". The narrative part of the April report may imply that the Operator is not quite sure what he is following. It is suggested that the Division be furnished a map of the work done to date.

George C. Selfridge

G. C. Selfridge, Chief
Iron and Ferro-Alloy Division

GCSelfridge'lm
6/6/52

cc: Admn. Reading File
Docket
G. C. Selfridge

1466

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 5 1952

May 29, 1952

Memorandum

To: A. E. Weissenborn, Executive Officer, DMEA Field Team, Region II

From: Willard P. Puffett, Geologist, U. S. Geological Survey

Subject: Routine inspection of work done under exploration contract Idm-5200 at Addy Mining Company, Stevens County, Washington

I visited the Addy Mining Company property with E. A. Magill of the U. S. Bureau of Mines on Wednesday, May 14, 1952. Since the previous inspection visit on April 17, 1952, the drift had been extended thirty feet. A certain amount of timbering had been necessary, thus accounting for the low-footage progress.

The drift had been turned slightly to the south to pick up the vein which was exposed on the south wall on April 17. The drift was successful in intersecting the vein, and it is now exposed in the workings for thirty feet, ranging in thickness from a maximum of five inches to a minimum near the face of one to two inches. The last thirty feet of the drift were bearing S. 70° W., whereas the vein is bearing S. 35° W. Consequently, the vein is now on the north side of the drift and the drift must be turned slightly again to follow it.

In the face the vein structure seemed to be split somewhat and it may be that it is temporarily pinching. Further drifting will give evidence as to what is happening and it may be that crosscutting will have to be initiated soon to insure whether the present vein is that which is being sought or whether it is a narrower parallel vein to the downward extension of the productive vein exposed in the higher-level workings.

Subsequent to the examination, the applicant was contacted and requested to make a transit of his property so as to determine as accurately as possible the relative positions of the upper and lower tunnels. If this is done, an amendment is to be made to permit this surveying to be an allowable cost of the project.

Willard P. Puffett

cc: USBM (2)
DMEA ✓
USGS (SRO)

M. E. Volin, Member, DMEA Field Team, Reg. II May 27, 1952

E. A. Magill, mining engineer, Bureau of Mines

Routine progress examination of Addy Mine, Stevens County, Wash., Docket No. DMEA 1466X (tungsten), Contract Idm-E200

A visit was made to the subject property in the company of Willard Puffett of the USGS on May 14, 1952.

Since the last visit to the property on March 21, 1952, the drift has been advanced 102 feet. This makes a total distance of 338 feet from the portal. The last 50 feet has been on an ore shoot, with the quartz vein being about 5" with an estimated grade of 2 to 3 percent WO_3. Tungsten mineralization is mainly wolframite with the borders showing alteration to scheelite. In the face the vein has narrowed down to about 2 inches of quartz. There is still the possibility that the drifting is not on the main vein. A transit survey should be made to check on this possibility with the possibility of crosscutting in the most favorable location if any doubt remains after the survey.

At the time of the visit four men were working on a single shift basis.

E. A. Magill

Orig. to files
cc: USGS, Spokane
2 cys - Wash.
EAM

E. E. Volin, Member, DMEA Field Team, Reg. II June 18, 1952

E. A. Magill, Mining Engineer, Bureau of Mines

Progress examination, Addy Mine, Stevens County, Wash., Contract Idm-E200, Docket No. 1466X (tungsten)

A visit was made to the subject property in the company of Willard Puffett of the U. S. Geological Survey on June 8, 1952.

At the time of the visit the face of the adit had been advanced to a point about 408 feet from the portal. This represents an advance of 70 feet since the last visit on May 14. The ore shoot which was exposed for about 50 feet has feathered out into several small stringers and at the time of the visit only one stringer was exposed on the right side of the face. A representative sample was taken (EAM-180) of the ore shoot.

On May 30 the operator had a transit survey made of the new adit and its relationship with the old upper workings (a copy of which is attached).

The Operator is in the process of installing 8" vent pipe and a gasoline engine-driven fan to furnish better ventilation in the new adit. He has also commenced to rehabilitate the old upper adit which is caved some 60 feet from the portal.

The Operator is planning to crosscut to the south in the new adit to determine if the structure which he has been following is the main one; also to determine if there are any parallel veins. This crosscut will commence from the present face. If it fails to disclose a vein, a crosscut will be driven to the north. This crosscutting is 100 feet below the east end of the stope which was opened in the upper adit. Unless the ore bodies rake rather flatly to the west it should determine whether or not they continue down to the depth of the new adit.

E. A. Magill

Orig. to files
cc: USGS (2)
Washington, D.C. (2)
EAM

ADDY MINING CO.

REPORT FOR APRIL 1952 BY P.J. Weller.

BACKED AWAY FROM FACE 30' AND DRILLED INTO SIDE AND SHOWED UP A VEIN 8" TO 14" WIDE WHICH SHOWED GOOD TUNGSTEN ORE.

REPORT FOR JUNE

MAIN HEADING HAS A GOOD LOOKING STRINGER

REPORT FOR JULY

DRIFT EXTENDED 97' FOLLOWING AN ORE BEARING VEIN WHICH VARIED IN WIDTH FROM 3" TO 18"

PRESENT FACE OVER 30 INCH WIDTH ASSAYED 3.20% WO3

REPORT OF E.A. MAGILL, E.M. ON EXAMINATION MADE ON AUG. 24, 1952

QUARTZ VEIN 1" TO 6" WIDE WITH NARROW QUARTZ STRINGERS BRANCHING OFF. VEIN SHOW WOLFRAMITE AND SCHEELITE. QUARTZ ESTIMATED TO AVERAGE 1% W.O3

SAMPLE EAM 213, 3" VEIN 53' TO 58' EAST OF U.S.B.M. 119

SAMPLE EAM 214 1' CHANNEL 22' WEST OF U.S.B.M. 119

THE VEIN DOES NO HAVE THE SAME APPEARANCE AS VEIN IN UPPER WORKINGS

REPORT OF W.P. RUFFETT, GEOLOGIST ON VISIT OF AUG. 24, 1952

THE NEW WORK HAS BEEN FOLLOWING WHAT APPEARS TO BE A SYSTEM OF NARROW PEGMATITE STRINGERS IN WHICH ARE CONTAINED COPIOUS QUANTITIES OF WOLFRAMITE. VEINS AVERAGE 3" IN WIDTH AND THE GRADE APPEARS TO BE HIGH. LENGTH ABOUT 100'

I.E. IT APPEARS THAT THIS SHOWING SHOULD BE SAMPLED.

OFFICE OF THE ADMINISTRATOR

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION

WASHINGTON 25, D. C.

So. 157 Howard Street
Spokane 4, Washington

APR 21 1952

April 17, 1952

Mr. C. O. Mittendorf
Acting Administrator
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Re: Docket DMA 1466, Tungsten
Addy Mining Company
Stevens Co., Washington
Contract Idm-E200

Dear Mr. Mittendorf:

This is in answer to your inquiry of April 4, 1952, regarding the monthly report on the subject property. When the exploration program was originally discussed with the applicant there was considerable debate as to whether to rehabilitate the old adit or to drive a new one. It was decided that driving a new adit would be cheaper. However, when the Operator commenced operations he found the old adit not to be in as bad condition as anticipated and decided that it would be cheaper to rehabilitate it. Rehabilitation of 80 feet of this adit was carried out for a cost of about $1,500.00. This was substantially less than the cost of driving a new adit.

The Operator has listed $2,697.57 for rehabilitation and preparation. This amount includes all expenses incurred during November, December, and January up to the time of actually starting drifting. The $1,618.59 labor item includes labor for construction of a compressor shed and 80 feet of adit rehabilitation.

Through an oversight an amendment to cover this program change was not prepared. An appropriate amendment, 3 copies of which are attached, has been prepared. Thank you for calling this to our attention.

By DMEA Field Team, Region II

A. E. Weissenborn

A. E. Weissenborn, Executive Officer
(U. S. Geological Survey)

M. E. Volin

M. E. Volin, Member
(U. S. Bureau of Mines)

cc: USBM

400

FILE COPY
SURNAME:

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

Selfridge

APR 4 1952

Mr. A. E. Weissenborn, Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 8, Washington

Re: Docket No. DMA 1466X - Tungsten
Addy Mining Company
View No. 1 and View No. 2 Claims
Stevens County, Washington
Exploration Project Contract Idm-E200

Dear Mr. Weissenborn:

Review of the January 1952 monthly report on the subject property called our attention to the item of $2,697.57 for rehabilitation and preparation. Since the report did not include a narrative form, will you please advise us if all of this item was allowable under the contract, especially that part relating to wages and salaries of $1,618.59?

Sincerely yours,

C. O. Mittendorf (for) J.N. 4-4-52

Acting Administrator
Defense Minerals Exploration
Administration

GCSelfridge:ls
4/3/52

cc: Admn. Reading File
Docket
Field Team, Region II
G. C. Selfridge
J. L. Chambers
R. W. Geehan, USBM
D. M. Lemmon, USGS

DMEA 1966

M. E. Volin, Member, DMEA Field Team, Region II April 2, 1952

E. A. Magill, Mining Engineer, Bureau of Mines

Routine progress examination of Addy Mine, Stevens County, Wash., Contract, Idm-E200

A routine progress examination was made of the subject property on March 21, 1952, in company with Willard Puffett of the U. S. G. S.

Since the last visit on February 19, the heading has been advanced a total of 106 feet. At the time of the last visit they were following a rather pronounced fault. This fault led them in a southerly direction where the adit broke into old workings. This was considered to be in the footwall of the projected location of the vein. Consequently, the heading was turned to about an east-west direction and started off on a narrow quartz stringer which contained tungsten and molybdenum. This stringer soon died out, but the heading was continued straight ahead as it was the proper direction to bring them under the ore shoot exposed in the upper workings.

At the time of the visit a narrow stringer of quartz 1/2" to 3" in width showing considerable wolframite and scheelite, dipping 65° north with an east-west strike had been encountered near the face. The operators were advised to follow on this stringer inasmuch as it was striking in the proper direction and was the most promising structure which had been encountered to date.

There is still no definite assurance that the vein in the upper workings has been encountered. It is recommended that the structure exposed near the face be followed as long as it continues approximately its present strike. If it dies out, it would be advisable to crosscut in either direction to attempt to pick up the vein after the heading has been advanced another 100 feet.

E. A. Magill

Orig. to files
cc: U.S.G.S.
2 Washington
EAM

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

Code 400

Spokane 4, Washington

March 24, 1952

Memorandum

To: A. H. Weissenborn, Executive Officer, DMA, Field Team, Region II

From: Willard P. Moffett, Geologist, U. S. Geological Survey

Subject: Routine inspection of progress at Addy mine, Stevens County, Washington, under Contract Nun-2[illegible].

The Addy mine was visited March 21, 1952 by myself and Mr. Megill of the U. S. Bureau of Mines. The adit tunnel had been advanced 80 feet, bearing N. 88° W., since my last visit February 27, 1952. The narrow quartz vein then exposed in the face persisted on the strike only 5 or 6 feet. A series of joints are exposed in the granite, one paralleling the tunnel dipping north, the other striking approximately N. 60° E. and dipping vertically. Ten feet in front of the face on March 21, a 1-foot thick bleached gouge zone is exposed on the south wall. This zone trends slightly north of west and in the face appears as a number of closely spaced joints with some gouge. Near the sill, where this zone occurs on the south wall, a quartz vein, 1/2 inch to 2½ inches thick is exposed. This vein nearly parallels the tunnel and persists through the bleached-gouge zone. High-grade blebs of tungsten ore occur in this vein and it may prove to be the downward extension of the ore-bearing vein exposed in the old workings.

Willard P. Moffett

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
SPOKANE
MAR 31 1952

cc: DMA, Spokane
DMA

FILE COPY
SURNAME:

Selfridge

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

Mr. A. E. Weissenborn
Executive Officer, Region II
South 157 Howard Street
Spokane 8, Washington

DMA 1466

Re: Addy Mining Company
View No. 1 and View No. 2 Claims
Stevens County, Washington
Exploration Project Contract Idm-E200

Dear Mr. Weissenborn:

Please refer to Amendment No. 1, items 2 and 3, of the subject contract.

In all cases where additional rent and/or depreciation items are added to a contract, the number of months should be included as in the contract itself. By doing this, one will be informed as to the total amounts involved.

Sincerely yours,

C. O. Mittendorf (fw) 2/26

Acting Administrator
Defense Minerals Exploration
Administration

GCSelfridge:ls
2/25/52

cc: Admn. Reading File
Docket No. DMA-1466X
G. C. Selfridge

dd.

1466

WASHINGTON

STEVENS COUNTY

February 1, 1952

Addy Mining Company, Idm-E200, Tungsten

75-25 of $21,290.00

9 months

A new adit will explore a narrow tungsten vein for a length of 650 feet to a point under a proven ore shoot.

Work has commenced but it is too early to appraise the results.

Mr. Robert Roe D. M. E. A.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
RECEIVED
NOV 26 1951
Defense Minerals Administration,
Production Expansion Division.

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.
NOV 23 2 29 PM '51

November 20, 1951

Mr. C. O. Mittendorf, Director
Production Expansion Division
Defense Minerals Administration
U. S. Department of the Interior
Washington 25, D. C.

Dear Mr. Mittendorf:

Re: Docket DMA 1466x, Tungsten
Exploration Project Contract
Idm-E200

Enclosed are four signed copies of subject contract. One copy has been retained by the applicant and one copy by this office.

All proposals in the contract were satisfactory to the operator and he plans to commence work on the project in the immediate future.

Sincerely,

Thor H. Kiilsgaard

Thor H. Kiilsgaard
for A. E. Weissenborn
Executive Officer, DMA
Field Team, Region II

Enclosures

cc: USBM, Spokane

FILE COPY
SURNAME:

FE Johnson

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

NOV 7 1951

Hon. Walt Horan
House of Representatives
Washington 25, D.C.

Re: DMA-1166X - Tungsten Exploration Project - Addy Mining Company (R. J. and W. C. Walter)

My dear Mr. Horan:

Enclosed herewith please find a copy of our letter to the Field Office, Spokane, Washington, forwarding for applicant's signature, an approved exploration contract. You will recall that in July the company's first application was denied. The present approved contract is a revised project after more careful field study, and is in the amount of $21,290.

Sincerely yours,

(signed) FRANK E. JOHNSON (fw)

Acting Administrator

FJ. 11-7

Enclosure
11/5/51
JTRobertson/fw

cc: Reports & Records
Admr Reading File
PED
Mr. Robertson
Docket

FILE COPY
SURNAME:

Robertson
F. Johnson

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

AIR MAIL

NOV 6 1951

Mr. A. E. Weissenborn
Executive Officer, Region II
South 157 Howard Street
Spokane 8, Washington

Re: Docket No. DMA-1466, Tungsten
Exploration Project Contract
Idm-E200
Addy Mining Company
(R.J. Heller and W.C. Heller)

Dear Mr. Weissenborn:

Enclosed herewith please find six (6) copies of captioned Exploration Contract. We have signed for the Government and the contract bears registration Serial Number Idm-E200 and effective date of November 2, 1951.

The contract is to be signed by the Operator in the presence of yourself or member of the DMA staff without any changes to the content. If any provisions are unsatisfactory to the Operator, the contract must be returned to this office for re-execution.

After signing, one copy is to be given to the Operator and one copy retained for your office. The remaining copies including the original are to be sent to this office as soon as possible.

A copy of the contract required by the Regional Finance Office will be forwarded directly by the Washington Finance Section, together with accounting instructions.

Sincerely yours,

(signed) FRANK E. JOHNSON (fw)

Acting Director
Production Expansion Division

P.J. 11-6

Enclosures

APPROVED

Chairman, Coordinating Committee

Member, Bureau of Mines

Member, Geological Survey

JTRobertson/jem 11-2-51

cc to: Adm. Reading File
Reports & Records
Hon. W. Horan
Messrs. Mittendorf, Olund
Moon
Holderer
Geehan
Thayer
Robertson
Field Team, Region II
Docket

FILE COPY
SURNAME:

140
DMA-1466X
Anthony

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

October 31, 1951

Memorandum

To: Director, Production Expansion Division

From: General Counsel

Subject: Addy Mining Co., exploration contract -- Docket No. DMA-1466X

The proposed exploration contract in this case, submitted to us on October 31, 1951, is approved as to legal form and sufficiency for signature on behalf of the Government, subject to:

1. Proper signature by the applicant.

2. Proper dating prior to delivery.

Your file is returned herewith.

J. L. Hofflund

J. L. Hofflund
General Counsel

Attachment

RRGuthrie/ema

Copy to: Reports & Records
J. L. Hofflund
R. R. Guthrie
Chron.

240

FILE COPY
SURNAME:

Holdeen

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

OCT 25 1951

Memorandum

To: Production Expansion Division

Through: Director, Supply Division

From: Chief, Ferro-Alloys Branch

Subject: Addy Mining Company
N. 633 Madelia
Spokane, Washington
DMA-1466X Tungsten
Amount of Loan-$21,270 - Changed to $21,290 by PEP
Government Participation-$15,952.50 Changed to $15,967.50

Property: Addy Mine
Summit Mining District
Stevens County, Washington

Conclusion:

The applicant has applied for an exploration loan of $21,270.00. The proposed work consists of excavating sufficient ground near the lower portal to expose the vein. After the downward extension of the vein has been uncovered, a drift is to be driven 650' in an attempt to intersect the ore shoot.

In discussing the possibility of sinking a winze in ore, Mr. Weissenborn informed the Ferro-Alloys Branch that the upper adit was caved just back of the portal. It is our opinion that it would be more costly to "pick up" this old adit to a point where the proposed winze would be sunk in ore, sink the winze, and drift 200 feet, than it would be to drive a new adit at a lower level.

The field team points out that the possible ore exposed above the new adit would have exploration charges of between $5.80 and $9.50 per unit of WO_3 against it. This does not take into consideration any ore that might be developed below the new adit. It might be reasonable to expect a tonnage of ore below the adit equal to that found above the new level.

The breakdown of costs as outlined in the company's MF-200 is not as complete as might be desired, but the costs that are given are reasonable. It is suggested that the applicant use his own compressor at $58 per month. The rent on the compressor of 210 c. f. m. at $340 per month seems too high.

Recommendations:

The application be approved.

N.S
R+R

George B. Holderer

George B. Holderer
Chief, Ferro-Alloys Branch

Approved:

SIGNED

Acting Director, Supply Division

CHJacoby:ll 10/9/51
CC: DMA Docket File
Adm. Reading File
Mr. Holderer
Field Team, Region II

FILE COPY
SURNAME 340

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

Holderer
Lyon
Johnson

OCT 24 1951

Hon. Warren G. Magnuson
United States Senate
Washington 25, D. C.

In reply please refer to
DMA 1466, Tungsten

My dear Senator Magnuson:

Reference is made to your letter of October 4, 1951, concerning the application of Mr. R. J. Weller, N. 633 Madelia Street, Spokane, Washington for an Exploration Project (DMA No. 1466).

As Mr. Weller states in his letter to you, his original application for $6,000 was submitted in June. Subsequently, he submitted an altered project for a total sum of $21,270. Both the original and amended applications were lacking in necessary information, thus causing a good deal of correspondence and delay.

Because of the marginal values, it was necessary to have the property examined twice by the field engineers to determine if further exploration would be warranted.

The processing of Mr. Weller's application is now in the final stages. Please be assured that every effort is being made to expedite the processing of his application.

Sincerely yours,

(signed) FRANK E. JOHNSON (for)

Acting Administrator

S.F.
10-24

Enclosures
Returned

GBHolderer/dgs/meh
Oct. 17, 1951
CC: Adm. Reading File
Reports and Records
DMA Docket File
DEP. Adm., Rm. 4617
Mr. Holderer
Mr. Lyon

REPORTS AND RECORDS
DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D. C.
OCT 5 2 25 PM '51

ans. by Mr. Hoelscher 10/17/51

United States Senate

October 4, 1951

Respectfully referred to

Administrator
Defense Minerals Administration
~~Department of Interior~~

with thanks for such favorable consideration as the communication herewith submitted warrants, and for a report thereon, in duplicate to accompany return of inclosure.

By direction of

Magnuson

WARREN G. MAGNUSON, U. S. S.

UNITED STATES SENATE

October 4, 1951

Respectfully referred to

Administrator
Defense Minerals Administration
Department of Interior

With thanks for such favorable consideration as the communication herewith submitted warrants, and for a report thereon, in duplicate to accompany return of inclosure.

By direction of

SIGNED

WARREN G. MAGNUSON, U. S. S.

C O P Y

WELLER BROTHERS N. 633 MADELIA STREET Keystone 9341

Excavating and Cement Contractors
Large and Small Shovels and Bulldozers

Patrol Blades Blasting
SPOKANE, WASHINGTON

September 12, 1951

Washington State Congressman
Washington,
D. C.

Attention: Congressman W. G. Magnuson

Dear Sir:

The U. S. Geological Survey office in this area is sending in an application for a D. M. A. exploration loan for my property in Stevens County called the "Addy Mines". This application was sent in last June but had to be revised, and other pertinent details had to be included which took up most of this summer's time. Now that it is apparently in line with the requests of the D. M. A. and others, I would like to see the application processed as quickly as possible so thatwe can get the work rolling before winter sets in.

Anything you can do to keep this matter from being "piegon-holed" would be greatly appreciated.

My docket mumber is D. M. A. 1466X and the mine has produced tungsten in the past.

Thanking you sincerely,

SIGNED
R. J WELLER

COPY

WELLER BROTHERS N.633 MADELIA STREET KEystone 9341
Excavating and Cement Contractors
Large and Small Shovels and Bulldozers
Patrol Blades, Blasting
SPOKANE, WASHINGTON

September 20, 1951

Washington State Congressman
Washington
D. C.

Attention: Congressman W. G. Magnuson

Dear Sir:

Thanking you for your prompt attention to my letter of September 12th with reference to the Addy Mines. Apparently the U. S. Geological Survey office in this area had not sent in the revised application by the time my letter reached your office.

The D. M. A. promised to have the application in the mail on the 10th of September but it seems that they have it filed awaiting a "coverage" letter to be sent along with the application. I realize that the local D. M. A. and U. S. Geological offices are very busy and probably understaffed but they are too technical and slow acting. We have been working on these applications since the 10th of May of this year, hoping to get our exploratory work well under way this summer but if we don't get some direct pressure applied somewhere, we will be snowed in again and no tungsten in sight, I believe that tungsten is still very critically scarce.

When our application reaches Washington , we hope you can follow it up and try to get an O. K. on it.

Very truly yours,

SIGNED
R. J. WELLER

P S:
We just received word that the application will be put in tonights mail.

C O P Y

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane 4, Washington

September 20, 1951

Memorandum

To: Mr. George Holderer, Chief, Tungsten Branch, DMA

From: Field Team, Region II

Subject: Addy Mining Company, Docket DMA-1466X
Stevens County, Washington
Commodity: Tungsten

ON-SITE EXAM

Following receipt of your undated memo to the Executive Officer, another examination was made of the subject property, and several conferences have been held with the applicant. In the attached memorandum by C. H. Broedel, the conclusion is reached that based on present showings and past information from S. W. Hobbs, who examined the property when the adit was still accessible, a moderate exploration program could be justified and a proposed contract has been worked out with the applicant. It is believed that this memo answers the questions in your letter to the Executive Officer.

The size of the ore body is rather small and the cost of exploration would amount to nearly $21,000.00. It is estimated that if the project is successful the development costs may amount to between $5.80 and $9.75 per unit of WO_3. The chances of developing the tonnage and grade of ore estimated in Broedel's report appear reasonably good and the field team therefore recommends that an exploration contract be granted provided that the DMA does not consider the exploration cost per unit of tungsten out of line with other proposals.

By Field Team, Region II

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 27 1951

A. E. Weissenborn, Exec. Officer
(U. S. Geological Survey)

M. E. Volin, Member
(U. S. Bureau of Mines)

Enclosures

cc: U.S.B.M., Spokane
U.S.B.M., Albany

MF-200
(June 1951)

Docket No. DMA 1466X
Commodity Tungsten

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Draft sent in by field team not used

Revised by PED

EXPLORATION PROJECT CONTRACT [1]

It is agreed this _____ day of _____, 195__, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2] Addy Mining Company (formerly Tungsten Mines, Inc.)

hereinafter called the "Operator," as follows:

1. *Authority for contract.* This agreement is entered into under the authority of the Defense Production Act of 1950, pursuant to Mineral Order 5, entitled "Regulations Governing Government Aid in Defense Exploration Projects."

2. *Operator's property rights.* The exploration project shall be conducted on that certain property situated in the State of Washington, County of Stevens described as follows: [3] The exploration is on the View No. 1 and No. 2 patented claims.

with respect to which the Operator represents and undertakes: [4]

(*a*) That he is the sole owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached: The applicant is sole owner

(*b*) ~~That he is a lessee, in possession and entitled to possession, and the subordination agreement of the lessor is attached.~~

3. *Exploration project.* The Operator, within 30 days from the date of this contract shall commence work on a project of exploration for [5] Tungsten; shall prosecute the work efficiently, expertly, in a workmanlike manner, in accordance with good mining standards, with suitable and adequate equipment, materials, and labor, all properly designed to bring the project to completion within a period of [6] 9 operating months from the date of this contract. The exploration project and the work to be performed are more fully described on Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, is made a part of this contract.

4. *Performance of the work.* The work shall be performed by the Operator, under his sole direction and control: *Provided,* That with the consent of the Government and its written approval of the contract or contracts, all or any part of the work may be performed by the Operator through contract or contracts with independent contractors. The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

5. *Fixtures and improvements.* The Operator shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of the exploration project without any allowance for the use, rental value, depreciation, depletion, or other cost of acquiring, owning, or holding possession thereof. Any additional facilities, buildings, and fixtures, to be purchased, installed, or erected by the Operator, with the estimated cost of each, to which the Government will contribute currently its agreed pro rata share, are listed in Exhibit "A" attached hereto. The difference between the cost of such additional facilities, buildings, or fixtures, and the salvage value thereof at the conclusion of the work, shall be charged as a cost of the project to which the Government has contributed its pro rata share.

6. *Operating equipment.* Any operating equipment to be rented, purchased, or furnished by the Operator, with the allowable rental, purchase price, or depreciation, as the case may be, is listed under appropriate headings in Exhibit "A" attached hereto. As to equipment purchased for the project, the Government will contribute its agreed pro rata share of the cost thereof, and the difference between the cost and the salvage value at the conclusion of the work shall be charged as a cost of the project to which the Government has contributed its pro rata share.

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] State name, address, and nature of organization if any.
[3] Give legal description or enough to identify the property.
[4] Strike out the provision not applicable.
[5] Name of mineral.
[6] Not in excess of 2 years.

7. *Title to and disposition of property.* All facilities, buildings, fixtures, equipment, or other items costing more than $50 each, paid for or purchased with funds contributed jointly by the Operator and the Government, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the termination of the contract, if they have any salvage value, shall be disposed of for their joint account unless the Government, in writing, waives its interest in any such items. The Government may require the dismantling, severance from land, and removal of any such items in order to realize its interest in the salvage value thereof, and the cost of any such removal and of the disposal of the items shall be for the joint account of the parties in proportion to their respective interests.

8. *Labor and supervision.* An itemized schedule of labor, by numbers and classes (miners, muckers, millmen, etc.), and of supervisors, by numbers and positions, with the maximum wages or salaries that may be paid to each as an allowable cost of the project is set forth in Exhibit "A" attached hereto.

9. *Rehabilitation and repairs.* A statement of the cost of any necessary rehabilitation or repairs to put existing facilities, buildings, installations, and fixtures into useful and operable condition and which are to be allowed as costs of the project is included in Exhibit "A."

10. *Allowable costs of the project.* The costs of the project in which the Government will participate are limited to the necessary, reasonable, direct costs of performing the exploration work, including the costs of materials, supplies, engineering, power, water, analytical work, accounting, and utilities, including items of equipment costing less than $50 each; and the costs referred to in Articles 5, 6, 8, and 9, and the exhibits annexed to and referred to in this contract. Although the Government may pay part of the cost of new or additional facilities, structures, buildings, and equipment, only the depreciation on such items, computed as indicated in Articles 5 and 6, will be charged as a cost of the project. No items of general overhead, corporate management, interest, taxes, or any other indirect costs not expressly allowed by these provisions, or work performed or costs incurred before the date of this contract, shall be allowed as costs of the project in which the Government will participate.

11. *Accounts and audits.* The Operator shall keep suitable records and accounts of operations, which the Government may inspect and audit at any time. The Government may at any time require an audit of the Operator's records and accounts by a certified public accountant, the cost thereof to be treated as a cost of the project. The Operator shall keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract.

12. *Progress reports.* The Operator shall provide the Government with monthly reports of work performed under the contract upon forms to be provided by the Government. Each monthly progress report shall bear the certification of the Operator and shall constitute the Operator's invoice of costs incurred on the project during the period covered by the report.

13. *Payment to the Operator.* The monthly progress report (invoice), to the extent approved by the Government, shall be processed for payment by the Government. Payment shall be made in the amount of 75 percent of the approved costs incurred; *Provided,* That the aggregate total of all sums paid by the Government under this agreement shall not exceed $15,951.00, which is 75 percent of the agreed estimated total cost of this project, $21,270.00.

14. *Final reports by Operator.* Upon completion of the project or termination of this contract, the Operator shall provide the Government with a comprehensive geologic and engineering report, including an estimate of ore reserves, to the best of his ability. Four copies of all reports shall be furnished to the Government.

15. *Repayment by Operator.* If, upon the completion of the exploration project or termination of the contract, the Government considers that a discovery or development has resulted from the work from which commercial production of ore may be made, the Government, within 6 months thereafter, shall so certify to the Operator, particularly describing and delimiting its estimate of the discovery or the development. Thereafter, if and as ore is produced as a result of such discovery or development, the Operator and his successor in interest shall be and become obligated to pay to the Government a percentage royalty on the net smelter returns or other net proceeds realized from such ore, concentrates, or metal produced within ten (10) years from the date of this contract, until the total amount contributed by the Government, without interest, is fully repaid or said 10 years have elapsed, whichever occurs first, as follows:

Of net smelter returns or other net proceeds not in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent.

Of net smelter returns or other net proceeds in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent, plus one-half (½) percent for each additional full fifty cents ($0.50) in excess of eight dollars ($8.00) per ton of ore, but not in excess of a maximum of five (5) percent.

This obligation to repay from net returns or proceeds shall be and remain a claim and lien upon the mineral deposit which is the subject of the exploration project and upon any production resulting from such discovery or development, in favor of the Government, until fully paid, or until said 10-year period has elapsed; and this claim and lien and the Government's right to repayment shall survive any termination of the contract, whether by completion of the exploration project or otherwise. This article is not to be construed as imposing any obligation on the Operator or his successor in interest to produce ore from any such discovery or development.

16. *No assignment of contract.* Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder.

17. *Termination and completion.* The Government may, at any time, by written notice to the Operator, terminate this contract: (*a*) If the Operator fails to provide his share of the money necessary to prosecute operations pursuant to the terms of the contract; (*b*) if the Operator, in the opinion of the Government, fails to prosecute operations pursuant to the terms of the contract; or (*c*) if in the opinion of the Government, operations up to the time of the notice have not indicated the probability of making any worthwhile discovery and in the opinion of the Government further operations are not justified. Upon the completion of the project or any termination of the contract the Operator shall render to the Government a full and final accounting of his operations under the contract and his expenditures of money; shall dispose of any unused materials, supplies, and equipment for the joint account of the Operator and the Government in the proportion of their respective interests; and shall pay to the Government its pro-rata share of any money remaining.

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

(Operator)

By ----------

By ----------

U. S. GOVERNMENT PRINTING OFFICE 16—64066-2

This data used but slightly revised in contract.

Addy Mining Company

Spokane, Washington

Exploration Project Contract

Revised PEB

The work to be performed under this contract is to explore the downward extension of the tungsten vein at the Addy mine.

The surface work is to be done by excavating sufficient ground near the lower adit portal to expose the vein and start a new drift.

The underground exploration as shown on the plan map and section will start at the lower adit level and follow the vein west by drifting 650 feet to intersect the ore shoot below the old stope of the upper adit level.

EXHIBIT "A"

Void

Time schedule and outline of project:

Month	
1 - 9 incl.	1. Excavate at lower adit level to locate vein. (See attached map.)
	2. Drift west on vein at lower adit level to explore ore shoot, total length of drift not to exceed 650 feet.

Estimated cost of Project:

Transportation of power shovel to property and return	$ 200.00
Excavating with power shovel at lower adit to locate vein	300.00
Drifting 650 feet at $30 per foot*	19,500.00
Equipment to be purchased	820.00
Additional facilities	450.00
Estimated cost of project	$21,270.00

*Per foot costs include all labor, supervision, pipe, rails, sampling, assaying, and all operating supplies.

Equipment to be rented:	Maximum Rental Allowance
1 - 210 cfm portable diesel compressor*	$340.00

* Operator may use his own 105 cfm compressor instead of above compressor and charge monthly rental not to exceed $58.00 as a cost of the project.

Revised P.C.P.

Equipment to be purchased:

1 shell for jackhammer	$ 150.00
1 pressure water tank	50.00
miscellaneous tools and equipment	500.00
1 ore car	120.00
	$ 820.00

Equipment to be furnished by operator:

	Estimated Replacement Value	Monthly Rental Allowance
1 - ½ yard P & H shovel	$ 15,000.00	$250.00 (or $9.00/day)
1 - pickup truck	1,500.00	25.00
1 - ore car	120.00	2.00
1 - one-man timber saw (gasoline)	250.00	4.16
1 - jackhammer	360.00	6.00

Additional facilities:

Construction of compressor shed with change room	$450.00
Total	$450.00

Labor and Supervision:

Classification	Rates per 8 hr. shift
Laborer (surface)	$ 13.00
Mucker	14.00
Foreman and miner	18.24
Shovel operator	19.60
Oiler	14.80
	Rate per month
Supervision (part time)	150.00

These rates are subject to change for lawful overtime and changes in union contracts.

Rehabilitation and Repairs:

None

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 4, Washington

September 17, 1951

Memorandum

To: A. E. Weissenborn, Executive Officer, DMA, Field Team, Region II

From: C. H. Broedel, Geologist, U.S.G.S.

Subject: Addy Mining Co., Addy Mine
Summit Mining District, Stevens County, Washington

APPLICANT

The applicant is the Addy Mining Company, Spokane, Washington. R. J. Weller, owner and general manager of the company, is a Spokane contractor, and apparently qualified to supervise an exploration program.

LOCATION

The property is located in the Summit Mining District on the Columbia River - Mill Creek divide at an elevation of 4200 feet about twelve miles southwest of Addy, Washington. It is accessible by 15 miles of partially improved road between Addy and Bissell and one mile of access road from a point near the divide. The claims are located in Sec. 19, T. 32 N., R. 38 E.

RECOMMENDATION

The examining team recommends that the Addy Mining Company be given favorable consideration for exploration aid to explore the downward extension of the ore shoot which has been mined above the upper adit level. The exploration would be accomplished by drifting west on the tungsten vein from the lower adit portal 110 feet lower than the upper adit level. (See attached map). The vein would have to be exposed by shovel work near the lower adit portal before drifting.

PROPOSALS

The applicant originally proposed to expose the vein near the lower adit portal by bulldozing, and to intersect the vein by crosscutting from the end of this adit. He proposed to extend this adit an additional 100 feet which would include drifting on the vein. This proposal is inadequate and would not reach or explore any commercial ore.

PROPOSALS (Cont.)

The senior member of the DMA Field Team, Mr. S. W. Hobbs, recommended that the inaccessible portion of the upper adit level be rehabilitated and sampled as an initial stage of an exploration program. If results were favorable, he recommended that exploration by sinking a winze and drifting be carried out to completion. The applicant was not in favor of rehabilitation because of the additional expense involved and the delay in actual exploration.

Two alternatives were considered by the junior member of the field team in order to explore the ore shoot in depth. The first was to sink a winge on the vein from the upper adit level below the stope followed by drifting in depth and the second was to drift on the vein to intersect the ore shoot at the lower adit level. The applicant was not in favor of sinking a winze because of the additional equipment required as compared with drifting at a lower level to explore the same ore shoot.

EXAMINATION OF PROPERTY

Mr. S. W. Hobbs examined a section of the upper adit workings (now inaccessible) in June, 1942. He states that the vein is still prominent in the floor of the upper adit and that a tonnage equal to that mined (about 1500 units of WO_3) would be a rough estimate of the ore remaining below this level. Mr. Hobbs visited the property in May, 1951 to examine four localities bulldozed in order to expose the vein. Insufficient vein structure was exposed to report upon and no memorandum was submitted.

On August 1, 1951 the writer was taken to the property by Mr. R. E. Weller in order to obtain some samples of the vein in the bulldozed localities and in the upper adit at the request of George B. Holderer, Chief, Tungsten Branch. The greater portion of this adit is now inaccessible.

The property was revisited on August 30 by the examiner and Mr. W. P. Puffett to check the difference in elevation and distance between the upper and lower adit portals by plane table survey.

HISTORY OF PROPERTY

The property comprising the claims View No. 1 and View No. 2 was incorporated in 1931 as Tungsten Mines, Inc. During the period 1930-39 mining operations were intermittent and production figures are incomplete. In 1936 the claims were patented and the property was acquired by the Washington Metals Corporation. This corporation started a lower adit to explore the vein in depth, but failed to find the vein and operations ceased in 1939. Mr. R. J. Weller purchased the property in the spring of 1951 and has bulldozed four localities along the strike of the vein. The vein was exposed in two of these places.

GEOLOGY

The property is located within a stock of medium to coarse-grained granite intrusive into argillites of the Stevens series. 1/ Two quarts veins in granite striking S. 85° W. and dipping 70° N. are reported by the applicant. The examining team believes that only one vein is present and that the veins reported are probably faulted segments of the same vein. The vein is weakly developed where exposed by recent bulldozing and the presence of commercial ore below these places is unlikely. Vein widths in the bulldozed cuts average from 1-2 inches as one or two parallel veinlets, and the tungsten content is very low.

1/ H. E. Culver and W. A. Broughton, Tungsten Resources of Washington: Washington Dept. Conservation and Development, Bull. 34 pp. 69-70, 1945.

Mr. S. W. Hobbs states that the average width of the vein in the ore shoot is about 8 inches and that the ore minerals are quite uniformly distributed. His estimate of the average WO_3 content is 1 to 1-1/2 percent. Wolframite and scheelite are intimately associated where observed in the accessible part of the upper adit. Some tourmaline and manganese oxide are locally present in the vein. Between the upper and lower adit portals the vein is apparently a very weak structure, but it is believed to present sufficient continuity to be followed in drifting.

SAMPLING

The ore shoot in the upper adit has not been properly sampled and the examiner was unable to inspect 380 feet of this adit because of caved ground. Sixty feet of the upper adit was sampled near the portal and assays indicate that an ore shoot of commercial value is present west of this section. (See attached map). An attempt was made to obtain samples of the vein in the bulldozed pits between the upper and lower adit portals in order to justify driving a drift under this section. The vein is exposed in only one of these pits and at this point it averages only 1 inch in thickness. Granite wall rock was included in some of the samples to determine whether or not tungsten was present in the wall rock. The samples and assays are as follows:

Sample No.	Total Width	Width of Vein	Width of Granite Sampled	Percent WO_3
1	1.8 ft.	0.1 ft.	1.7 ft.	nil
2	0.5 "	0.5 "	-	2.88
3	0.6 "	0.6 "	-	7.34
4	0.7 "	0.4 "	0.3 "	0.02
5	2.3	0.2 "	2.1 "	0.01

ORE POSSIBILITIES AND COST

Mr. Hobbs stated that it was his impression that the ore shoot pitches eastward and if this is correct the total amount of drifting on barren vein would be reduced. If the ore shoot extends in depth to the lower adit level with the same strike length, a rough estimate of the ore to be explored would be as follows:

> Width (1 foot) X strike length (250 feet) X dip length (117 feet) = 29,250 cu. ft. or 2437 tons at 12 cu. ft. per ton. At 1.5 percent WO_3 this would contain about 2655 units of WO_3.

This represents the maximum amount of ore that might be expected above the lower adit level. A more conservative estimate would be to assume that the ore shoot would have a dip length of one-half its strike length of 250 feet at the upper adit level. On this basis the ore shoot would contain $\frac{250x125x1}{2x12}$ = 1302 tons or about 1953 units of WO_3. 1297 tons would be above the lower adit.

The total estimated cost of exploring the ore shoot to a depth of 117 feet by sinking a winze from the upper aditlevel and drifting 200 feet on the vein is nearly $20,000.

The cost of exploring essentially the same block of ground by means of a drift at the same elevation as the present lower adit would amount to $21,270. The present lower adit is off the vein and now caved. For this reason it is not considered worthwhile to attempt to utilize it. Exploration by drifting would require less investment in equipment and would be simpler to perform. Inasmuch as the applicant is an experienced contractor, but has not had much experience in mining, this is an advantage. Overall costs would be essentially the same and might amount to between $5.80 and $9.75 per unit of WO_3.

The Addy mine ore shoot appears to warrent a small exploration program. For the reason given above the examiner recommends that the exploration be by means of an adit and he has collaborated with the applicant in preparing a contract. The estimated costs have been checked by a Bureau of Mines engineer.

Index of File

DMA-1466-X -- Tungsten

Addy Mining Company
N. 633 Madelia
Spokane, Washington

1. Two copies each of forms MF-100 and 103.

JUL 19 1951

FILE COPY
SURNAME:
340

Holden
B. Selfridge

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

AIR MAIL

Mr. A. E. Weissenborn, Executive Officer
DMA Field Team Region II
South 157 Howard Street
Spokane, Washington

In reply please refer to:
DMA-1 66-R — Tungsten

Dear Mr. Weissenborn:

Reference is made to your letter of May 29 submitting the application for an exploration loan of the Andy Claim Company, Stevens County, Washington. Mention is made that the property was recently revisited and that a winze cut ore shoots 8 feet below the floor of the bottom level of the mine. It is further stated that a minimum amount of work would be adequate to test the property and any developments contained in the application of several thousand units of ore.

This office did not receive a copy of the May examination to check the data in support of the above statement. Data submitted by the applicant is both conflicting and lacking. If a copy of the May examination report is available please send it. If the information is not sufficiently complete to answer the questions noted below please have the property reexamined for the requested information.

1. The assays that were submitted date back to March 1952. None are more recent than March 1951. These represent only grabbings. None represent systematic sampling. Mention is made that the North vein is continuous for 700 feet in the bottom of the drift and that all production since 1951 has come from this section above the drift. Are any samples taken in this section during the recent visit? If not, please sample it as this.

2. During the cutting of 1 of the veins was uncovered at three different points. No information was submitted with regard to values uncovered. Are assays available? If not, some should be taken. This is particularly important as the proposed work is to explore the horizontal extension of the tremendous size of the vein part.

3. [illegible] to cut the [illegible] drift [illegible] by cross cutting and drifting. It will then be [illegible]

point directly beneath the portal of the upper adit. Should the vein pinch in ore the tonnage would be small because of the short distance to the surface. If sampling of the surface trenches or pits does not indicate ore it would require an additional [illegible] feet of drifting to just reach the downward extension of the mined ore shoot. If interesting values are not found in the surface trenches would it be more feasible to test the ore shoot with a raise rather than drive [illegible] feet of drift?

4. Are assays available for the new trenching that has been done on the west end of the workings?

5. It is estimated that approximately 10,[illegible] tons of concentrate was produced from the South vein during 1930-31. Milling of the development ore and stoped ore of the the North vein, starting in [illegible] and terminating in 1936, recovered an estimated [illegible] tons of concentrate before the shoot was exhausted. Then the lower adit was started but was soon stopped. Since then there has been no production from the mine. No present indications point to a larger tonnage of concentrates?

6. No mention is made as to where the ore will be milled or how far it would have to be shipped to be milled. Additional information should be submitted regarding the beneficiation of the ore.

Enclosed herewith are two copies each of forms [illegible]-10 and 103.

Very truly yours,

George B. Holderer

[illegible]
Chief, [illegible] Branch

Enclosure

GCSelfridge:mj

cc:File
Adm. Reading File
Reports & Records Unit
Mr. Holderer
Coordinating Committee

CLASS[illegible]:CE

Th[illegible] full-rate Tele[illegible] or Cablegram unless its deferred character is indicated by a suitable symbol above or preceding the address.

JUL 13 1951
Rec'd by
Mr. Holderer

WESTERN UNION

W. P. MARSHALL, PRESIDENT

1201

(12)

SYMBOLS
[illegible]=Day Letter
NL=Night Letter
LT=Int'l Letter Telegram
VLT=Int'l Victory Ltr.

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

PRA274

1951 JUL 12 PM 7 54

PR SKB441 NL PD=SPOKANE WASH 12 155P=

=LANDON F STROBLE= INTERIOR DEPT

EXECUTIVE SECRETARY DMA WASHDC=

Addy

:PLEASE CHECK ON EXPIRATION LOAN APPLICANT DMS-1466X. WE ARE ANXIOUS TO GO WHILE THE WEATHER IS GOOD=

:R J WELLER:

=DMA-1466X=

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

DMA Fo

DEFENSE MINERALS ADMINISTRATI

Status Change Notice

DMA Docket No. 1466I

To: Reports and Records Branch

Addy Mining Company

From: Tungsten Branch--DMA

Date: July 19,1951

The following action has been taken this date on the above Controlled Document.

Forwarded to Field Team, Region II -- Weissenborn

Type of request changed to:

Denied ☐

Withdrawn ☐

Approved in amount of $

Other action, specify:

George B. Holderer

FILE COPY
SURNAME:

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

Defense Minerals Administration
14-1110037 Expense of Defense
Production Executive Office of the President
(allotment to Interior) 1951

Holderer
Ballard

Washington 25, D. C. July 17, 1951

A. M. MISSTEBOLD, EXECUTIVE OFFICER
DMA FIELD TEAM, REGION II
SOUTH 157 BOWEN STREET
SPOKANE, WASHINGTON

THE DMA 1466-X ADDY HIGHLO. LETTER TO YOU MAILED TODAY REQUESTING

ADDITIONAL DMA.

George B. Holderer
jam
George B. Holderer
Chief, Tungsten Branch

Confirmation

TJBallard:jam

CC: Adm. Reading File
Records and Reports Unit
Mr. Holderer
Files

CLASS OF SERVICE

This is a full-rate Telegram or Cablegram unless its deferred character is indicated by a suitable symbol above or preceding the address.

WESTERN UNION

W. P. MARSHALL, PRESIDENT

1201

Mr. Strobel
Mr. Hearne
Reg 3610

SYMBOLS

DL=Day Letter
NL=Night Letter
LT=Int'l Letter Telegram
VLT=Int'l Victory Ltr.

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

DMA 1466X
Jun 29 '51

JUL 13 PM 9 36

PRA321

PR SKA998 GOVT NL PD=SPOKANE WASH 13=

MR E S STROBEL, EXEC SECTY=

DEFENSE MINERALS ADMIN DEPT OF INTERIOR WASHDC=

REURTEL TO ADDY MINING COMPANY STEPHENS COUNTY WASHINGTON REGION TWO FORWARDED FOUR COLIES OF APPLICATION TO WASHINGTON MAY 29TH WE HAVE RECEIVED NO REQUEST FOR ADDITIONAL INFORMATION NOT LISTED ON ANY PROCEEDINGS OF OPERATING COMMITTEE=

E A YOUNGBERG WEISSENBORN EXEC OFFICER DEFENSE MINERALS ADMIN SEALED TEAM REGION TWO=

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 1 6 1951
9:50 a.m.
LANDON F. STROBEL
Executive Secretary

George B. Holderer

FILE COPY
SURNAME:

Defense Minerals Administration

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

14-1110037 Expense of Defense Production Office of the President (allotment to Interior) 1951

Holderer

Washington 25, D. C. July 13, 1951

R. J. WELLER
302 W 21st
SPOKANE, WASHINGTON

CERTAIN PERTINENT INFORMATION IS LACKING TO MAKE FINAL DECISION. WE ARE REFERRING MATTER TO MR. WEISSENBORN.

George B. Holderer

George B. Holderer
Chief, Tungsten Branch

Confirmation

GBHolderer:bl

CC: Adm. Reading File
Reports & Records Unit
Mr. Holderer
Files

Boxes 146 & 256

FILE COPY
SURNAME:

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

Holden
Selfridge
Dybsy
Stuart 7/17

July 12, 1951

Hon. Walt Horan
House of Representatives
Washington 25, D. C.

In reply please refer to
DMA 1467 - Tungsten

Dear Mr. Horan:

This is to confirm the information given you over the telephone, regarding the Addy Mining Company.

The Company was informed recently that its loan application was denied because the project as outlined would not accomplish an objective. The proposed crosscutting and drifting would not reach by some 200 feet the downward projection of a partly mined ore shoot. As the ore shoot is small, mention was made to the applicant that the sinking of a mine in the ore shoot might be a more feasible step in an exploration program.

Sincerely yours,

Administrator

CCSelfridge:dgs

CC: Adm. Reading File
Reports and Records Unit
Mr. Holderer
Dep. Admin. - Im 4617
Files

DMA - 1466 X
Tungsten

July 10, 1951

Hon. Walt Horan
Room 1326
House Office Building
Washington 25, D. C.

Dear Mr. Horan:

In compliance with our telephone conversation of July 5, 1951, there is attached a copy of the letter to the Addy Mining Company.

Very truly yours,

/s/ by Mr. Selfridge 10 Jul 51
George B. Holderer
Chief, Tungsten Branch

Enclosure

DRAFT

Addy Mining Company
N. 633 Madelia
Spokane, Washington

In reply, please refer to DMA 1466 X Tungsten

Gentlemen:

We have reviewed your application for an exploration project to cost $6,000 in Section 19, T. 32 N., R. 38 E., Stevens County, Washington.

Our analysis of your proposal suggests that the work you plan is not sufficient to explore the vein, and that nothing will be gained by 100 feet of crosscutting ~~xx~~ to the vein followed by 100 feet of drifting. The map that you submit shows that the face of the workings would be directly beneath the portal of the upper adit after this work was completed, and that an additional 200 feet of work would be needed to reach possible downward extensions of the tungsten ore shoot found in the upper adit. If ore is exposed in the upper tunnel, of sufficiently good grade, it might be more feasible to sink a winze on the ore and mine it out.

We regret that we must deny the application as you have submitted it.

Very truly yours,

Tom Lyon
Director, Supply Division

cc Field Team, Region II, Spokane

D.M.Lemmon July 3, 1951

Make extra copy for
Congressman Walt Horan
Room 1326 House Office Bldg.
Together with note saying
[illegible]
7/5/51

FILE COPY
SURNAME:

Holderer
Lyon
Strobel 7/3

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

June 29, 1951

Hon. Walt Horan
House of Representatives
Washington 25, D. C.

Dear Mr. Horan:

In reply to your letter of June 27 re: Application for loan, tungsten property, Stevens County, Washington - DMA -1466-z.

This application is still under consideration and we will be glad to advise you when final action is taken on it.

Sincerely yours,

JAMES BOYD
Administrator

GBHolderer:mem

Adm. Reading File
Mr. Strobel
Dep. Admin. rm. 4617
Mr. Holderer
Files

WALT HORAN
5TH DIST. OF WASHINGTON

COUNTIES:
SPOKANE CHELAN
STEVENS OKANOGAN
PEND OREILLE DOUGLAS
FERRY LINCOLN

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

~~LANDON F. STROBEL~~
Holder
MEMBER:
APPROPRIATIONS
SUBCOMMITTEE ON AGRICULTURE

answered by Holder 6/29/51

June 27, 1951

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 29 1951
LANDON F. STROBEL
Executive Secretary

Mr. James Boyd
Administrator
Defense Minerals Administration
Interior Building
Washington, D.C.

Dear Mr. Boyd:

Re: Application for loan
Tungsten property
Stevens County, Washington
Docket No. D.M.A. -1466X

I have conferred with Mr. Holder, Chief of the Tungsten Branch, Defense Minerals Administration concerning the above application. Mr. Holder advises me that it is presently receiving study and consideration in his branch.

I would appreciate it very much if you would advise me as soon as this application is acted on.

Sincerely,

Walt. Horan.

g

Walt Horan, M.C.

FILE COPY
SURNAME:

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

June 7, 1951

Mr. H. J. Weller
Addy Mining Company
North 623 Madelia
Spokane, Washington

Subject: DMA-1466X
Re: Exploration loan

My dear Mr. Weller:

Receipt is acknowledged of your application and attachments of May 21, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1466X and was referred to Mr. P. R. Bradley, Chief, Tungsten Branch on June 6, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1466X.

Sincerely yours,

LANDON F. STROBEL
js

Landon F. Strobel
Executive Secretary

LFSTROBEL:js
cc: Strobel-2
Files
Bradley
Lyon

dmr 1466X

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane, Washington

May 29, 1951

Air Mail

Mr. L. F. Strobel
Executive Secretary
Defense Minerals Administration
Department of Interior
Washington 25, D. C.

Dear Mr. Strobel:

We are sending herewith an application for an exploration loan from the Addy Mining Company, Stevens County, Washington, Mr. R. J. Weller, owner.

The property was visited by the Geological Survey in 1942 and was revisited during the past month with the present applicant. A shoot of good ore has been mined out above the lowest level that has been driven on the vein. The ore shoot extends below the floor of this level for an unknown distance, and the exploration proposed in this application is designed to test this downward extension. A minimum amount of work would be adequate to test the property and may develop ore containing in the neighborhood of several thousand units of WO_3.

Sincerely yours,

A. E. Weissenborn

A. E. Weissenborn
Executive Officer, DMA
Field Team, Region II

cc: U.S. Bur. Mines
Spokane, Wash.

Index of File to Production Expansion Division

3 copies of MF-103
3 copies of MF-100
5 copies of MF-200
2 copies of Memo to Holderer from Field Team dated 9/20/51
1 copy of memo to Weissenborn from Broedel dated 9/17/51
1 copy of MF-200 with attached sheets.
1 copy of Letter to Weissenborn from Holderer dated (No date)
1 copu of letter to Weissenborn from Holderer dated 7/17/51
1 copy of letter to Horan from Administrator dated 7/12/51
1 copy of letter to Addy Mining Co. from Lyon dated 7/10/51
1 copy of Memo to Ad Min Div.from Holderer (Never Sent)
1 copy of letter to Horan from Holderer dated 7/10/51
1 copy of letter to Horan from Administrator dated 6/29/51
1 copy letter to Weller from Strobel dated 6/7/51
1 copy letter to Strobel from Weissenborn dated 5/29/51

CONTRACT 10M E 200 $21,290.00
NOV. 2, 1951

PROJECT DMA 146CX ADDY MNG. CO, TUNGSTEN.

CONTRACT $21,290.00 11/2/51
3 AMENDMENTS
FINAL AUTORIZATION, 570' DRIFTING
TIME 9 MONTHS.

MONTHLY RESUME OF PERFORMANCE

MONTH		FT. ADVANCE	FT. ADVANCE TO DATE	MONTHLY COST	COST TO DATE	WAGES	EQUIPMENT	SUPPLIES	OTHER	MONTH PER FT.	Cost AVERAGE PER FT.
NOV. 17 - DEC 31, 51	PREPARATION & REHABILITATION			118178	118178	51164	35000	1221	25793		
JAN. 1952	" " OLD ADIT	80'	80'	141579	259757	89954	19700	19886	22039		
JANUARY, 52	DRIFTING.	15'	15'	31104	31104	9516	3300	812	10176	2074	2074
FEBRUARY 52	Lost? " F.T. [illegible] 1-8½"	81'	96'	204200	235304	113218	31500	46967	12515	2521	2454
MARCH 52	" [illegible] W	82'	178'	361468	596772	167249	107513	66142	20564	4408	3353
APRIL 52	" 8-14" [illegible] good [illegible]	77'	255'	205472	802244	113219	130000	64759	14494	2668	3146
MAY 52	"	78'	333'	235798	1038022	160706	73000	40850	21222	3023	3117
JUNE 52	"	57'	390	262197	1300219	113990	73000	63334	11867	4600	3334
JULY 52	"	97'	487	244922	1545135	163200	353384	33654	12684	2554	3178
AUG. 52	"	40'	527	63461	1608596	2500	33000	24061	3900	1587	
SEPT. 52	"	17	544	176623	1785219	125311	33000	4930	13382	10389	3282
392' TO GO				1082938						COMP. INS.	4,50
4 MONTHS											

PROJECT No. OMA 1466X ADDY MFG. Co. TUNGSTEN.

AMENDMENT
TIME XTENDED 9 Mo. to 12 Mo.

EXPENDITURE OF APPROPRIATION

M	CONTRACT APPROPRIATION	NOV. 51 THRU MCH. 52 EXPENDED	% SPENT	NOV. 51 THRU APRIL 52 EXPENDED	% SPENT	THRU MAY 52 EXPENDED	% SPENT	THRU JUNE 52 EXPENDED	% SPENT	THRU JULY 52 EXPENDED	% SPENT
	$21,290.00										
LABOR		420466	1975	531775	2498	705026	3311	819016	3847		
EQUIPMENT		192513	904	205513	965	223013	1048	296013	1390		
SUPPLIES		152699	717	217458	1022	242937	1141	306271	1439		
OTHER		110851	521	128192	602	126803	596	138652	651		
TOTAL		876529	4117	1082938	5087	1297779	6096	1559952	7327	18079.82	8492

	THRU SEPT. 52 EXPENDED	% SPENT
LABOR	1100027	5428
EQUIPMENT	397397	1943
SUPPLIES	368916	1804
OTHER	168636	825
TOTAL	2034976	10000

[illegible] 176' 3.22 255' [illegible] 5848 [illegible] 6.42 [illegible] 8545

BALANCE FUNDS
$840.24

AMENDED.
3 MONTHS EXTENSION

BALANCE

4 MONTHS TO GO. 9.8' PER MONTH			3 MONTHS TO GO. 105' PER MONTH		2 MONTHS TO GO TO GO 237' 118' MO.	1 MONTH TO GO TO GO 180'	3 MONTHS TO GO TO GO 83 FT.
FT.	MONEY	PER FT.	FT.	MONEY	PER FT.		
392	1252471	31.95	385'	1046062	33.21		

544 THRU SEPT. 52
1785219 32.82
1 MONTH TO GO.

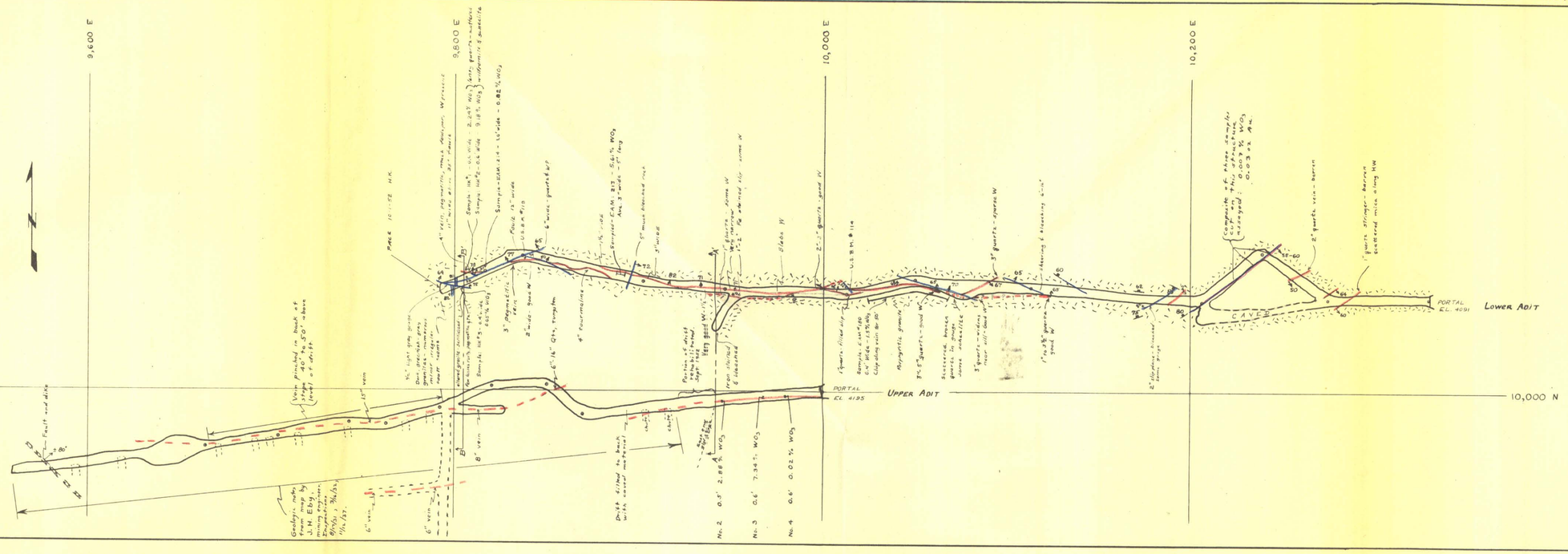
PROJECT No. DMA. 1466 X TUNGSTEN.
ADDY MINING Co.
SUMMIT MINING DISTRICT, STEVENS Co. WASH.
CONTRACT No. IDM 200 AMOUNT 21,290.00
NOV. 2, 51, 9 MONTHS. GOVT. PARTICIPATION 15,967.50
AMENDMENT DATED FEB. 4, 1952, RETROACTIVE TO NOV. 2, 51
" " FEB. 6, 1952 " " " 2, 51
" " " " " 2, 51
ALLOWS 80 FT. OF REHABILITATION OF OLD ADIT, LEAVING
570' OF DRIFTING INSTEAD OF 650'
TOTAL TIME 9 MONTHS
TIME ELAPSED 5 MONTHS
TIME REMAINING, 4 MONTHS, from March.
392 FEET TO DRIVE. 4 MONTHS REMAINING
$12,324.71 REMAINING FOR 392 FT. EQUAL $31.95 PER FT.
98 FT. PER MONTH.

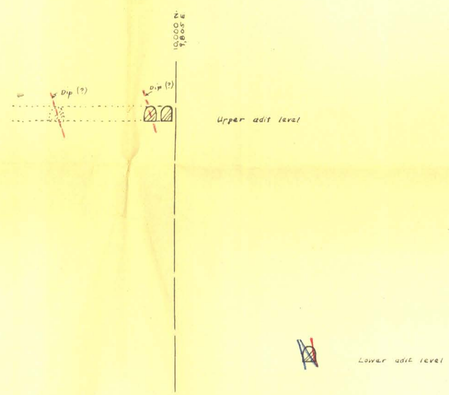
EXPENDITURE OF APPROPRIATION.

	APPROPRIATION 21,290.00	EXPENDITURE	% SPENT
LABOR		4,204.66	19.75%
EQUIPMENT		1,925.13	9.04
SUPPLIES		1,526.99	7.17
OTHER		1,108.51	5.21
TOTAL THRU MARCH 1952		8,765.29	41.17

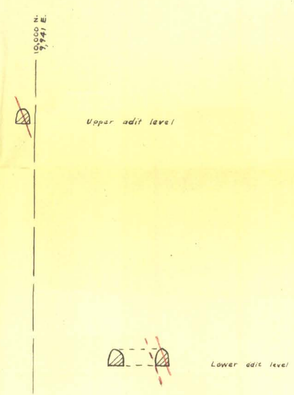
RATE OF PROGRESS

	SCHEDULE	COMPLETED	% COMPLETED
DRIFTING	570'	178'	31.23%





SECTION B-B'



SECTION A-A'

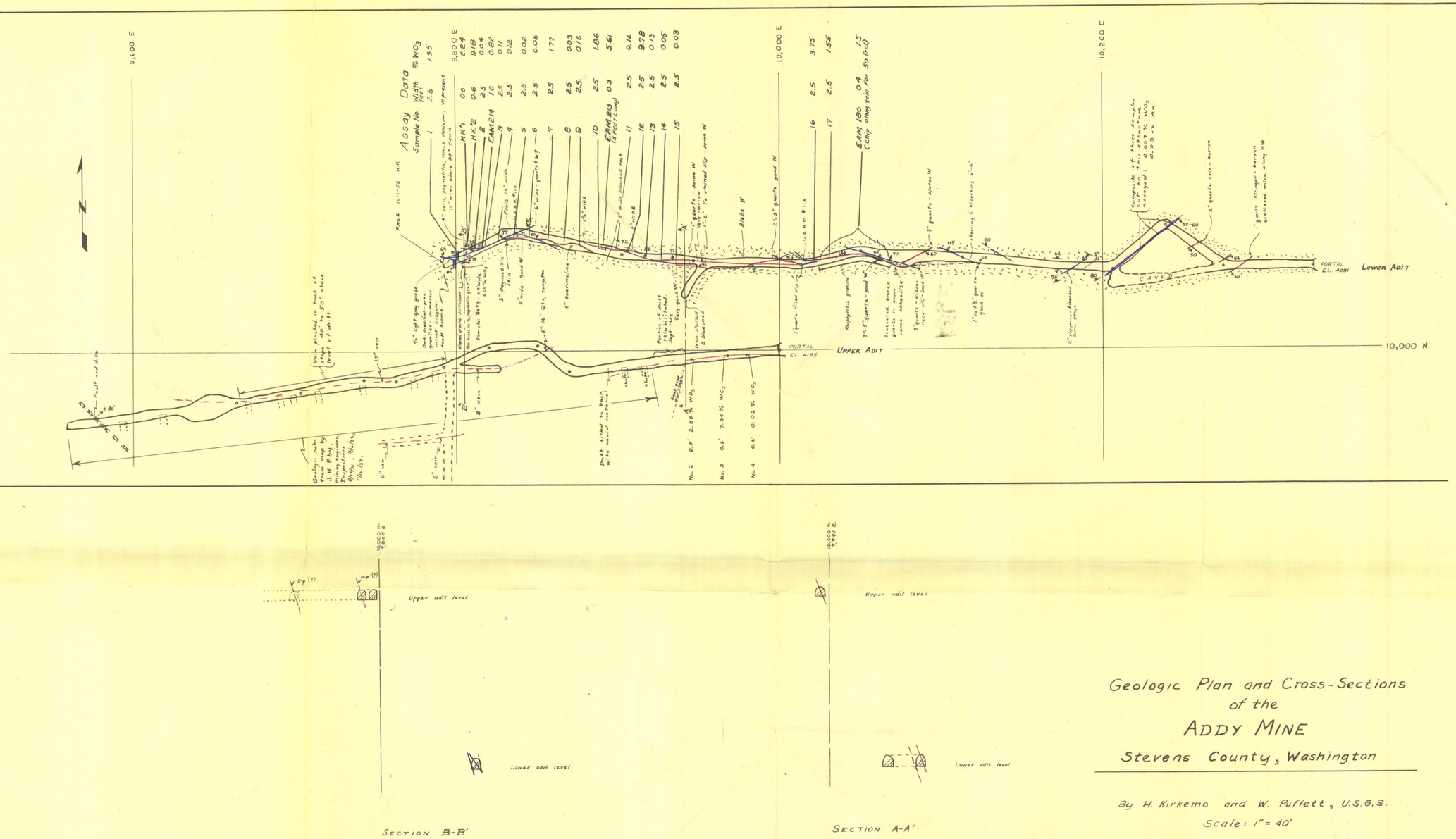
Geologic Plan and Cross-Sections of the ADDY MINE

Stevens County, Washington

By H. Kirkemo and W. Puffett, U.S.G.S.

Scale: 1" = 40'

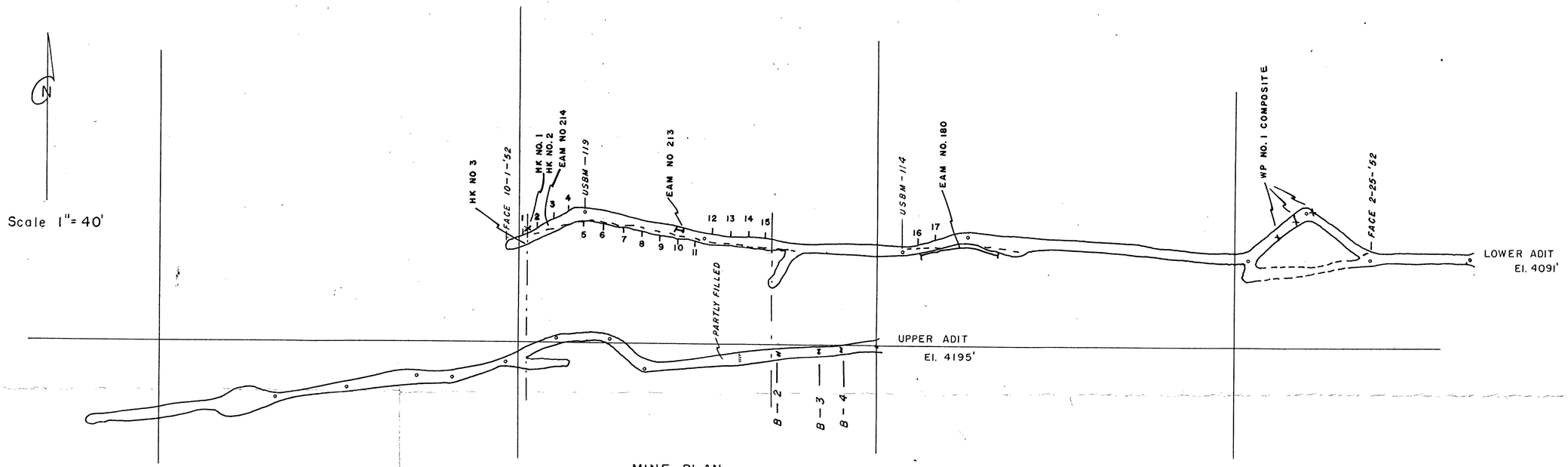
December, 1952



Geologic Plan and Cross-Sections
of the
ADDY MINE
Stevens County, Washington

By H. Kirkemo and W. Puffett, U.S.G.S.
Scale: 1" = 40'

December, 1952

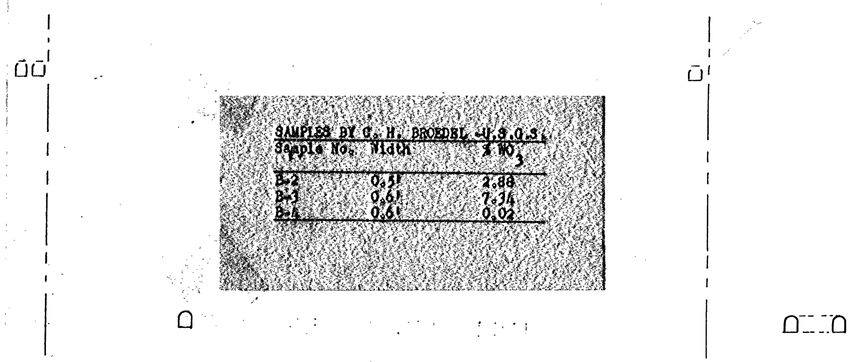


MINE PLAN

Samples by H. Kirkemo, W. Puffett, & H. A. M.

Sample No.	Width	Length	% WO_3	Oz. Au
EAM-180	0.4'	50.'	1.4	—
EAM-213	0.25'	5.'	5.61	—
EAM-214	1.0'	—	0.82	—
HK - 1	0.6'	—	2.24	—
HK - 2	0.6'	—	9.18	—
HK - 3	0.4'	—	0.05	—
WP - 1 Composite				
East	2.1'	—		
Middle	2.5'	—	0.007	0.03
West	1.25'	—		

Assays by Washington Tech. Service Lab.



SECTION B — - - B'

SAMPLES BY G. H. BROEDEL - U.S.G.S.

Sample No.	Width	% WO_3
B-2	0.5'	2.88
B-3	0.6'	7.34
B-4	0.6'	0.02

SECTION A — - — A'

Samples cut across vein

Sample	Feet		WO_3 Percent
1	2.5	Chip	1.55
2	2.5	Chip	.04
3	2.5	Chip	.11
4	2.5	Chip	.12
5	2.5	Chip	.02
6	2.5	Chip	.06
7	2.5	Chip	1.77
8	2.5	Chip	.03
9	2.5	Chip	.10
10	2.5	Chip	1.86
11	2.5	Chip	.12
12	2.5	Chip	9.78
13	2.5	Chip	.13
14	2.5	Chip	.05
15	2.5	Chip	.03
16	2.5	Chip	2.75
17	2.5	Chip	1.55

Samples taken by George H. Todd, U.S. Bureau of Mines, Apr. 1953

From map by Kirkemo and Puffett — U.S.G.S. 12-'52

ASSAYS AND SAMPLE LOCATIONS — ADDY MINE, STEVENS COUNTY, WASHINGTON.