UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

Terminated (or cancelled) without certification. DMEA No. 211

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.
- ✓ 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 ~~[illegible]~~

Reviewer's Initials

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

AUDIT CERTIFICATE

I have examined the records and transactions of

Snoose Mining Company
423 First National Bank Building
Boise, Idaho

pertaining to Exploration Contract No. Idm-E-20, Docket No. DMA-211, including Amendments Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10, covering a project of exploration for zinc ores located in Blaine County, Idaho, commonly known as the Snoose mine.

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		$117,947.98
Less: Salvage value of equipment		2,225.00
Net cost claimed		$115,722.98
Exceptions:		
Prior to this audit	$233.93	
During this audit	134.78	368.71
Total Accepted Cost		$115,354.27

The contract calls for a 50 percent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of Fifty Seven Thousand Six Hundred Seventy Seven and 14/100 Dollars

$57,677.14

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.

Robert M. Hull
Robert M. Hull, Auditor

April 28, 1954

AUDIT REPORT

I INTRODUCTION

During the month of March 1954 a final audit covering the period of September 1, 1951 through March 22, 1954 was made of the records and accounts pertaining to Exploration Project Contract No. Idm-E120, Docket No. DMA-211, including Amendments Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10, with the

Snoose Mining Company
423 First National Bank Building
Boise, Idaho

covering a project of exploration for zinc ores located in Blaine County, Idaho, commonly known as the Snoose mine.

An interim audit report and certificate had been previously issued on August 27, 1952, for the period of September 1, 1951 to June 30, 1952.

Mr. L. W. Moore, acting for the President of the Snoose Mining Company, was consulted and his cooperation greatly facilitated the audit.

II GENERAL INFORMATION ON RECORDS

The accounting records covering this project consist of a general ledger, check register, accounts payable ledger, payroll ledger and cancelled bank checks and statements. A monthly work sheet consolidating all charges to the project forms the basis for the preparation of the monthly form MF-104.

III SCOPE OF AUDIT AND FINDINGS

The audit was limited to ascertaining the accuracy, propriety, and validity of the costs as shown in the "Totals to Date" column of the

Final Form MF-104, Operator's Monthly Report and Voucher, for the month of December 1953, as evidenced by invoices, payrolls, time records, and other original documents. The findings, after an analysis of the charges and correction of the distribution of costs, follow:

(1) Independent Contracts

The costs chargeable to this category were determined by a detailed audit and analysis of subcontractor's invoices, cancelled checks, drill logs, and the DMEA engineer's reports on footages accomplished.

The audit findings are as follows:

Diamond Drilling

	Footage	Rate	Accepted Cost
Hole No. 1	AX-115'	$4.75	$ 546.25
	BX- 44'	5.35	235.40
Hole No. 2	AX-147'	4.75	698.25
	BX- 54'	5.35	288.90
Hole No. 3	AX-140'	4.75	665.00
	BX-111'	5.35	593.85
Hole No. 4	AX- 89'	4.75	422.75
	BX- 70'	5.35	374.50
Hole No. 5	BX- 8'	5.35	42.80
Hole No. 6	AX-152'	4.75	722.00
	BX- 70'	5.35	374.50
Delay time in cutting station- 2 - 8 hour shifts @ $80.00 each			160.00
Mobolization charge			150.00
Accepted Cost			$5,274.20

The diamond drilling was done by Nichols and Thompson Core Drilling Company, Inc., of Boise, Idaho, and the subcontract was approved by the Executive Officer of the DMEA Field Team, Region II, on May 26, 1953.

(2) Labor and Supervision

A detailed analysis of the payrolls and other documents was made for the period of July 1952 through December 1952 and February 1953, and May 1953 through August 1953. A spot check was made, covering the same periods, of the cancelled payroll checks.

The accepted costs are:

Labor	$51,444.07
Supervision	10,443.45
Technical Services	350.00
Accepted Cost	$62,237.52

The wages paid for labor and supervision were those prevalent in the area and approved by the DMEA Field Team, Region II, as being necessary to the exploration project.

Supervision consisted of the following:

General Manager-Engineer, A. M. Jensen, September 1, 1951-December 31, 1951 January 1952 April 1952-September 30, 1952	$5,880.00
Engineer-Henry S. Poller October 1, 1952-December 31, 1952 February 1953 May 1, 1953-December 4, 1953	4,563.45
Total Supervision	$10.443.45

Technical Services covered the fee of $350.00 paid to Mr. C. R. Hagen of Salt Lake City, Utah, in May 1952 for surveying, making coordinates and maps of the Snoose mine.

(3) Operating Materials and Supplies

A detailed examination was made of the items chargeable to this category of costs, and the following summarizes the findings resulting from the review of vouchers, invoices, and cancelled checks.

	Costs Claimed	Disallowed	Accepted Costs
Timber	$ 8,897.72	$ -0-	$ 8,897.72
Explosives	3,771.32		3,771.32
Pipe and Fittings	2,333.43		2,333.43
Track	1,304.73	1.28*	1,303.45
Other	121.13		121.13
Drill Steel	1,075.89		1,075.89
Lubricants (Gas & Oil)	724.11	47.64*	676.47
Electrical Supplies	170.99		170.99
Oxygen and Acetelyne	99.86		99.86
Small tools	177.64		177.64
Power	6,224.96	38.64	6,186.32
	$24,901.78	$87.56	$24,814.22

*Disallowed by Certifying Officer.

The Certifying Officer made a disallowance of $1.28 on an over-extension of an item of track and a disallowance of $47.64 covering gasoline purchased for use in a vehicle not pertaining to the exploration project. These disallowances are concurred in by the audit.

A disallowance of $38.64 is made by the audit on the item of power. The first bill submitted covered the period of August 26, 1951 through September 25, 1951 and the exploration project did not begin until September 1, 1951. This bill, in the amount of $192.00, has been reduced by 6/30, or $38.64.

Power consisted of electric current furnished by the Idaho Power Co.

(4) Operating Equipment

Equipment purchased and charged to this project and the accepted costs were disclosed by this audit to be:

		Costs Claimed	Accepted Costs
4	Mine Cars- used, 19 cu. ft.	$ 536.91	$ 536.91
1	Hendy Hoist, complete with 35 H.P. Motor, 3 grid resistors, 1 manual controller	1,226.38	1,226.38
1	Ingersoll Rand Motor Pump	475.77	475.77
1	Joy Class, 36" Steel Change Stoper	714.54	714.54
1	Atlas Rock Drill, with attachments & hose set complete	513.00	513.00
1	Aluminum Jack Rig and mounting; 4 Jack bits	249.20	249.20
4	100 ft. lengths Juto Ventube with couplings	368.40	368.40
	Totals	$4,084.20	$4,084.20
	Less Salvage Proceeds	2,225.00	2,225.00
	Net Totals	$1,859.20	$1,859.20

By memorandum to the Field Team, dated December 16, 1953, the Operator offered to buy the Government's interest (50% of the salvage value) in the equipment purchased. The Executive Officer of the Field Team by letter of March 22, 1954 has accepted the offer.

Depreciation on equipment furnished by the Operator was calculated on the replacement cost over a sixty-month period. The Operator submitted a schedule of the equipment to be used, giving the replacement cost and the depreciation rate was based upon it. The following schedule was accepted by the Field Team.

Schedule of Equipment

Description	No. of Units	Replacement Cost	Monthly Rental Each Unit
Mucking Machine	2	$ 2,000.00	$ 33.33
Jackhammers	2	250.00	4.17
Air Sump Pumps	2	275.00	4.58
Mine Cars	2	150.00	2.50
½ ton Pick-up	1	1,663.75	27.73
Pneumatic saw	1	75.00	1.25
Hoist-electric	1	5,951.20	99.19
Air Compressor	1	11,442.00	190.70
Electric Motor Pump	1	475.77	7.93

The operator has claimed depreciation only for the period when the equipment was in use, accordingly the full amount claimed is being allowed.

Machines Depreciated	Machine Month* Depreciated	Rate per** Machine Month	Total Depreciation
1 Mucking Machine	17.8	$ 33.33	$ 593.98
2 Jackhammers	19	4.17	79.23
2 Air Sump Pumps	35.6	4.58	163.25
2 Mine Cars	37.6	2.50	94.09
1 ½ ton Pick-up	19.3	27.73	535.77
1 Pneumatic Saw	18.8	1.25	23.53
1 Hoist-electric	18.8	99.19	1,866.81
1 Air Compressor	18.8	190.70	3,589.09
1 Electric Motor Pump	18.8	7.93	149.25
Accepted Costs			$7,095.00

*Machine months depreciated is the total number of months one machine would have operated regardless of the number of machines the Operator used on the project.

**Rate for machine month is the rate for one machine for one month.

(5) Initial Rehabilitation and Repairs

This item is not applicable to this contract.

(6) New Buildings, Improvements, Etc.

This item is not applicable to this contract.

(7) Miscellaneous

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

	Costs Claimed	Disallowed	Accepted Costs
Repairs to equipment	$ 2,516.54	$ 185.01*	$ 2,331.53
Sampling and Analysis	202.63		202.63
Payroll taxes	1,907.72	86.14	1,821.58
Liability Insurance	3,373.75		3,373.75
Accounting services	3,561.69		3,561.69
Telephone	371.46	10.00	361.46
Other	21.49		21.49
	$11,955.28	$281.15	$11,674.13

*Disallowed by Certifying Officer.

Repairs to Equipment The charges against this category were checked against the monthly work sheets, and an analysis was made to determine the propriety of the items charged. The purchases were verified against the invoices and a spot check was made of the cancelled checks. The Certifying Officer made a disallowance of $185.01 covering repairs to an unauthorized piece of equipment. The disallowance is concurred with. The accepted costs were:

Jackleg	$ 96.94
Compressor	627.30
Mucking Machine	519.44
Air Sump Pump	267.39
Electric Hoist	467.42
Reconditioning drill steel	85.21
Truck	289.32
Accepted Costs	$2,353.02

Sampling and Analysis costs were reviewed and payment was verified by the cancelled checks. The work was done by the Idaho Assay Office and Black and Beacon, both of Hailey, Idaho. The amount allowable under this item of cost is $202.63.

Payroll Taxes and Insurance The charges for payroll taxes and insurance were checked by computation at the rates shown by the company files to be in effect. The Employer's Quarterly Tax Returns and the Idaho State Liability Insurance Reports were checked and the cancelled checks reviewed.

These rates were:

Social Security Tax	1.5%
Idaho State Unemployment Tax	1.9%
(September 1951-January 1952)	
(April 1952-December 1952)	2.1%
(February 1953-December 1953)	1.9%
Federal Unemployment Tax	.3%

Included in the taxes was an item of $86.14 which covered an insurance premium issued by the A. W. Ensign Agency on a Ford Pick-up. This sum is disallowed by the audit as not coming within the scope of the contract as it is an overhead item.

The costs chargeable and allowable under this heading were:

Social Security	$53,720.66	@ 1.5%	$805.81
Idaho State Unemployment	22,594.75	@ 1.9%	429.32
" " "	24,371.40	@ 2.1%	511.80
Federal Unemployment Ast.	24,884.00	@ .3%	74.65
			$1,821.58

Liability Insurance	$13,874.75	@ 3.5% per $100.00 of wage	$ 485.63
	11,641.45	@ 3.85% " " "	448.20
	21,053.51	@ 6. % " " "	1,263.22
	14,708.81	@ 8. % " " "	1,176.70
			$3,373.75

Accounting services were performed by the firm of Moore, Rife, and Associates, Public Accountants, 423 First National Bank Building, Boise, Idaho. The allowable maximum established by the Field Team's letter of September 23, 1952 was not exceeded. The accepted costs are $3,561.69.

Telephone Under the terms of Amendment No. 3 telephone charges were authorized to a maximum of $20.00 a month. A disallowance of $10.00 was made covering charges that were not necessary to the project. The telephone charges did not exceed the maximum of $20.00 per month and the audit allows the sum of $361.46.

(8) Contingencies

By the terms of Amendment No. 7 the sum of $2,400.00 was allowed as the expense of replacing and/or repairing buildings, equipment, and stores which were damaged or destroyed by a fire. Of the total amount of $2,400.00 a maximum of $1,000.00 is allowable for labor and material necessary for the construction of a new combination compressor house, shop and change house. The remaining $1,400.00 included the cost of cleaning up after the fire and for the repair and replacement of equipment. The Operator claimed the maximum of $2,400.00, which is acceptable.

	Clean-up, Repairs & Replacements		Building
Labor	$ 806.77	Labor	$ 806.78
Equipment Replacement	1,349.80	Material	1,379.69
Repairs	1,063.17		
Total Actual Costs	$3,219.74		$2,186.47
Claimed Allowable maximum	1,400.00		1,000.00

IV CONCLUSIONS

The audit disclosed that the costs charged to this project, with the exception of the disallowances itemized under Items (3) Operating Materials and Supplies, and (7) Miscellaneous, of the preceding section of this report, are reasonable and proper under the terms of the contract.

The allowable maximums under this contract were Items (7) Miscellaneous, accounting and telephone, and (8) Contingencies, which were discussed under Section III.

	Totals MF-104 Dec.1953	Corrected Distribution	Disallowed	Allowed By Audit
(1) Independent Contracts				
Diamond drilling	$ 5,274.20	$ 5,274.20	$	$ 5,274.20
(2) Labor and Supervision				
Labor	51,444.07	51,444.07		51,444.07
Supervision	10,443.45	10,443.45		10,443.45
Technical Services	350.00	350.00		350.00
(3) Operating Materials & Supplies				
Timber	8,553.81	8,897.72		8,897.72
Explosives	3,543.35	3,771.32		3,771.32
Pipe and fittings	1,192.93	2,333.43		2,333.43
Track	1,170.11	1,304.73	1.28*	1,303.45
Other	3,734.97	121.13		121.13
Drill Steel		1,075.89		1,075.89
Lubricants (Gas & Oil)		724.11	47.64*	676.47
Electrical Supplies		170.99		170.99
Oxygen and Acetylene		99.86		99.86
Small tools		177.64		177.64
Power	6,224.96	6,224.96	38.64	6,186.32
(4) Operating Equipment				
Purchase	4,630.80	1,859.20**		1,859.20**
Depreciation	7,030.05	7,095.00		7,095.00
(7) Miscellaneous				
Repairs to equipment	2,516.54	2,516.54	185.01*	2,331.53
Sampling and Analysis	202.63	202.63		202.63
Payroll taxes	850.64	1,907.72	86.14	1,821.58
Liability Insurance	1,057.08	3,373.75		3,373.75
Workmen's Compensation Ins.	3,373.75	-0-		-0-
Other	3,954.64	21.49		21.49
Accounting Services		3,561.69		3,561.69
Telephone		371.46	10.00	361.46
(8) Contingencies				
Rehabilitation after fire	2,400.00	2,400.00		2,400.00
Credit for jointly owned equipment	(2,225.00)			
	$115,722.98	$115,722.98	$368.71	$115,354.27

*Disallowed by Certifying Officer

**Includes credit for jointly owned equipment

The audit has been fully discussed with the Executive Officer of the DMEA Field Team and Mr. L. W. Moore, who was representing the President of the Snoose Mining Company.

Robert M. Hull
Robert M. Hull
Auditor

April 28, 1954

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 29 1952

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

AUDIT CERTIFICATE

I have examined the records and transactions of the

Snoose Mining Company
Boise, Idaho

pertaining to Exploration Contract No. Idm-E120 and Amendments 1 through 5, Docket No. DMA 211, for the period of September 1, 1951 through June 30, 1952.

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	$43,617.82
Exceptions	None
Total Accepted Cost	$43,617.82

The contract calls for a 50 percent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of Twenty One Thousand Eight Hundred Eight Dollars and 91/100

$21,808.91

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.

August 27, 1952

Robert M. Hull
Auditor

I INTRODUCTION

An audit was made on August 8 and 9, 1952, of Defense Minerals Exploration Contract No. Idm-E120 and Amendments 1 through 5, Docket No. DMA 211, the Snoose Mining Company. The records pertaining to this contract are in the office of Scherer, Moore and Rife, a firm of Public Accountants, 423 First National Bank Building, Boise, Idaho. Mr. Moore is the Comptroller of the Snoose Mining Company and is one of its stockholders.

The President of the Snoose Mining Company, Mr. A. M. Jensen, is in very poor health and due to the comparatively wet conditions of the mine workings is unable to properly supervise the project. The matter has been brought to the attention of the Comptroller and the board of directors, by the Field Team with a view to making a change in the supervision of the project so as to obtain the best results.

The audit covered the period of September 1, 1951 through June 30, 1952. The Comptroller, L. W. Moore, was consulted when necessary.

II EXTENT AND SCOPE OF AUDIT

1. Labor

The payrolls and supporting data for the period of September 1, 1951 through June 30, 1952, were examined and computed for accuracy. The daily time records are maintained at the mine site by the General Manager-President, A. M. Jensen. At the close of a fifteen-day period they are sent to the Comptroller's office in Boise where they are computed. The duplicate of each pay check is filed behind the individual's

time sheet. The payroll work sheet gives the employee's name, day rate, hourly rate, total pay, deductions for various taxes, salary advances, total deductions, and the net amount payable, as well as the check and payroll voucher number.

Two payrolls were submitted monthly from September 1, 1951 through January 1952. One payroll was calculated at wage rates conforming to those generally paid in the area during the period for which claim was made and allowed by the Field Team. The second payroll was calculated at a higher wage rate actually in effect at the property.

A general wage increase retroactive to July 1951 was the cause for the difference in wages, as the Operator anticipating the increase established the higher rate at the beginning of the project. The wages paid are now allowable and the Operator intends to claim this difference at some future time.

Payroll as Paid	Date	Payroll as allowed by the Field Team	Difference
$2,464.12	September 1951	$2,329.16	$134.96
$2,794.98	October 1951	$2,629.08	$165.90
$2,779.34	November 1951	$2,614.21	$165.13
$2,265.16	December 1951	$2,133.63	$131.53
$1,512.43	January 1952	$1,417.95	$ 94.48
		Total	$692.00

2. Supervision

The time of the General Manager-President is the only item charged to supervision.

3. Supplies

The records covering the purchase of supplies were examined. The receipted purchase invoices were checked, the items contained thereon extended, and the invoices footed.

An inventory was taken of all supplies on hand as of September 1, 1951. The supplies were priced and the prices taken from the original purchase invoice. New items purchased are charged directly to the project. The purchase invoices are set up alphabetically by supplier, with the duplicate of the check upon which payment was made attached. The various items of supply were traced from the general ledger to the appropriate invoice and the amounts claimed on the forms MF-104 were in agreement.

4. Power

Power consists of electric current purchased from the Idaho Power Company. The monthly bills were compared with the sums claimed and were in agreement. There will have to be a slight adjustment on the final form MF-104 with regard to current. The first bill submitted covered the period of August 26 through September 25, 1951. The contract did not start until September 1, 1951, therefore there are six days electric current charges that will have to be adjusted when the project is completed.

5. Equipment Furnished

The charges for depreciation on equipment furnished by the Operator were verified and were consistent during the period the project was in full operation. The monthly depreciation rate was calculated on the

replacement cost over a sixty-month period. The Operator submitted a schedule of the equipment to be used, giving the replacement cost, and the depreciation rate was based upon it. This schedule was accepted by the Field Team.

III FINDINGS

The records maintained for the Snoose Mining Company are in good condition and adequately detailed. The payrolls and other supporting data are cross-referenced and filed monthly. The suppliers' and shippers' invoices, payment receipts, and supporting correspondence are filed in separate folders. The third copy of all checks is filed numerically by months, and the corresponding stubs had the necessary information so as to readily identify what the check was drawn for.

Several errors had been previously discovered by the Field Team, but as these had been corrected prior to the audit no adjustment was necessary. No exceptions are taken and the costs are reasonable and within the terms of the contract and amendments.

IV RECOMMENDATIONS

The audit certificate prefacing this report reflects the amount of the costs properly chargeable to this project through June 1952.

RECEIVED

AUG 1 1955

DEPARTMENT OF ENERGY AND RESOURCES MANAGEMENT
CONTROL AND INSPECTION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed the files of the Executive Officer, DMEA Field Team, Region I, N.W. District, pertaining to Contract Idm-2120, Docket No. DMA-211, with:

The Crouse Mining Company
420 First National Bank Building
Boise, Idaho

for the purpose of determining the amount of royalties due the U. S. Government on sales of zinc ore from property referred to as Crouse Mine located in Blaine County, Idaho.

The exploration contract was dated August 21, 1951 and was terminated prior to completion by mutual agreement as of December 7, 1953. No certificate of discovery or development has been issued and under date of February 4, 1955, Mr. J. O. Littendorf, Administrator, DMEA, advised the operator that performance under the contract had been satisfactory to the Government and the account relating thereto had been closed. According to audit report dated April 28, 1954, prepared by Mr. Robert E. Hull, DMEA Auditor, total accepted costs under the contract amounted to $115,354.27, with the Government's participation, on a 50 percent basis, being $57,677.14.

My review included a verification of the computations of royalties paid to the Government on 8 shipments of zinc concentrates to Combined Metals Reduction Company, Salt Lake City, Utah, recovered and sold during the period of the exploration.

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

(1) The production involved was incidental to the exploration operations, and

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

The review established the total sales of zinc concentrates during the exploration period to be $5,690.38. Royalty due the U.S. Government at the contract rates is $247.67. The royalty paid and balance due are as follows:

Total Royalties Due	$ 247.67
Total Royalties Paid	247.67
Balance of Royalties Due	- 0 -

C. E. Fisher
C. E. Fisher, Auditor

July 20, 1955

Government

TERMINATION OF EXPLORATION PROJECT CONTRACT BY AGREEMENT
AFTER COMMENCEMENT BUT BEFORE COMPLETION OF THE WORK

It is agreed this 7th day of December, 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and The Snoose Mining Company, a corporation, 423 First National Bank Building, Boise, Idaho, hereinafter called the "Operator," parties to that certain Exploration Project Contract Idm-E 120, Docket No. DMEA-211, dated August 21, 1951, that the said contract shall be and is hereby terminated as of the first date above written.

Any work prosecuted or costs incurred by the Operator after the date first above written shall be for the sole account of the Operator, except for (a) such necessary and reasonable costs and expenses as may be incurred in preserving and disposing of any facilities, buildings, fixtures, equipment, or other items, to the cost of which the Government has contributed and in which the Government has an equity, and (b) the costs of any reports, accounts, and winding-up and settlement actions provided for in the contract.

The undersigned Operator hereby releases and agrees to save harmless the Government from all claims and demands under or arising out of said Exploration Project Contract, except as herein expressly otherwise provided.

Witness the following signatures as of the day and year first above written.

UNITED STATES OF AMERICA

By Thor H. Kiilsgaard
Thor H. Kiilsgaard
Acting Executive Officer
DMEA Field Team, Region II

SNOOSE MINING COMPANY

By A. M. Jensen

Government's Copy

Defense Minerals Administration
RECEIVED
SEP 23 1953

EXPLORATION PROJECT CONTRACT
SNOOSE MINING COMPANY
DOCKET NO. DMEA-211

AMENDMENT NO. 10

It is agreed this 10th day of September, 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, and the Snoose Mining Company, that Contract Idm-E120 (Docket No. DMEA-211) dated August 21, 1951, as amended, is further amended, effective August 1, 1953, as follows:

1. In Article 3 of the contract form, delete the words "within a period of two (2) years from the date of this contract," and substitute the words "not later than April 1, 1954".

2. Annex I, attached hereto, is substituted for that part of Article 15 which precedes the colon; and the period "eleven (11) years" is substituted for the period "ten years" in Article 15.

This amendment shall not be construed to increase the estimated total cost of the project nor the aggregate total amount which the Government may be required to contribute.

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By O P Mittendorf
Administrator, Defense
Minerals Exploration
Administration

SNOOSE MINING COMPANY

By A M Jensen

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 28 1953

SNOOSE MINING COMPANY
EXPLORATION PROJECT CONTRACT
DOCKET NO. DMEA-211

ANNEX I

The following provisions are in lieu of all of paragraph (a) of Article 15 which precedes the colon:

If the Government considers that a discovery or development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after a sufficient, complete, final report and final account referred to in the contract has been rendered, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development, The Operator, or his successor in interest, shall pay to the Government a royalty on all minerals mined or produced from the land described in Article 2, as follows: (1) Regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification of discovery or development, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first, unless the Government waives its right to a royalty; or (2) if the Government makes a certification of discovery or development, for a period of ten years* from the date of the contract, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first. Said royalty shall be a percentage of the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production (including any bonuses), in whatever form disposed of, including ore, concentrates, or metal, as follows:

* The period "eleven (11) years" is substituted for the period "ten years."

GOVERNMENT COPY

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 8 - 1953

AMENDMENT NO. 9

It is agreed this 20th day of August 195 3, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, and the Snoose Mining Company

each acting in consideration of the agreement of the other to the terms hereinafter set forth, that the Exploration Project Contract Idm-E 120 of August 21, 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 June 1, 195 3.

This amendment is made by authority granted the Executive Officer, DMEA 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.

SNOOSE MINING COMPANY
(Operator)

By A. M. Jensen

THE UNITED STATES OF AMERICA

By Thor H. Kilgaard
For: A. E. Weissenborn, Exec. Officer
DMEA Field Team, Region II

SNOOSE MINING COMPANY
Exploration Project Contract Idm-E120

Amendment No. 9

Exhibit "F"

Changes and modifications

In Exhibit "A" of the contract, under Step III, delete "To drift 1,000 feet" and insert "To drift and/or crosscut 1,500 feet."

In Exhibit "A" of the contract, under Step V, change 1,500 feet to 140 feet. (Note: Amendments allowed and pending have used funds scheduled for Step V.)

Estimated drift and/or crosscut costs are as follows:

500 feet of 7 by $7\frac{1}{2}$ foot drift and/or crosscut @ $53.20	$26,600.00

SNOOSE MINING COMPANY
Exploration Project Contract Idm-E120

Amendment No. 9

Exhibit "F"

A N N E X

The exploration project contract, as hereby amended by Amendment No. 9 and previous amendments is outlined as follows:

Description of the Work

Step I (completed)

To install a pump and electric hoist in the Snoose shaft and to rehabilitate the shaft down to the 200 level.

Step II (completed)

To extend the crosscut on the 200 level in the present direction to beyond the structure in the face of the crosscut and explore for the Reed lode. This lode should be intersected at a maximum distance of 150 feet. If intersected at a lesser distance, continued crosscutting will be unnecessary.

Step III (Original contract of 1,000 feet of drift, amended to drift and/or crosscut is completed. Extension of 500 feet of drift and/or crosscut is to be allowed by this Amendment No. 9. Amendment No. 6 authorized 175 feet of raise of which 173 feet is completed.)

To drift and crosscut 1,500 feet on the 200 level (originally 100 and 200 levels). The drifting program on this level is indicated to be feasible from findings in the 200 crosscut and subsequent exposures.

Amendment No. 6

A raise shall be driven from the Footwall structure from a point near station 209 on the 200 level to hole through at a point near station 114 on the 100 level--two compartments 175 feet.

Step IV (amended and completed)

Winzing as described in Step IV Exhibit "A" was deleted by Amendment No. 8 and diamond drilling was inserted as follows:

"Diamond drill from the 200 level and bottom of the winze a maximum of 1,000 feet to further explore the Snoose structures

at and below the 200 level. The drilling shall be divided among approximately 4 holes, the location, inclination and bearing of which shall be mutually agreeable to the Operator and the Government."

Step V (amended and pending)

After intersecting the limestone beds by the winze originally scheduled in Step IV it was planned in Exhibit "A" to drift and/or crosscut 1,500 feet. Deletion of the winze in Step IV places these drift and/or crosscut units in abeyance and amendments have reduced the authorized units and allotted funds to about $4,875.00.

Estimated Costs of Work

On July 1, 1953, the date of this Amendment 9, Steps I, II, and IV were completed or deleted, as well as 939 feet of drifting completed under Step III, contract funds totaling $93,520.19 have been used.

Distribution of costs to date and estimated costs for the work proposed are as follows:

	Estimated costs of original contract work	Amended schedules of estimated costs
Step I		
Equipment purchase	$ 12,250.00	
Amendment 2		(Amend. 2)
Equip and rehabilitate		$ 16,450.00
Step II		
Crosscut 150 ft. @ $35/ft.	5,250.00	
Crosscut 230 ft. @ $61.41/ft.		14,125.00
Step III		
Drift 1,000 ft. @ $35/ft.	35,000.00	
Amendment 9		
Drift and crosscut 1,500 ft. @ $53.20/ft.		79,800.00
Amendment 6		
Raise 175 ft. @ $42/ft.		7,350.00
Step IV		
Winze 400 ft. @ $75/ft.	30,000.00	
Amendment 8		
Diamond drill 1,000 ft. @ $8/ft., includes supervision and service		8,000.00
Diamond drill stations $1,000		1,000.00

	Estimated costs of original contract work	Amended schedules of estimated costs
Step V		
Exhibit "A"		
Drift and crosscut 1,500 ft. @ $35/ft.	$ 52,500.00	
Amendment 2		
Equip and rehabilitate $16,450		See Step I above
Amendment 3		
Allows telephone calls		Absorbed in all steps
Amendment 4		
Snow removal, pumping and rehabilitation $1,000		$ 1,000.00
Amendment 6		
Raise 175 ft. @ $42/ft.		See Step III above
Amendment 7		
Expense of replacing and repairing buildings, equipment and stores following fire		2,400.00
Operating Equipment Purchased		
Amendment 1		
Allow 1 electric pump (standby) $850	Shown in Step I	Shown in Step I
Amendment No. 5		
Substitutes 1 stoper @ $750, and drifter with arm and bar @ $850 for two drifters @ $1,700.		
Total	$135,000.00	$130,125.00

The amended estimated costs do not affect the contract total of $135,000.00, but reflects expenditures as now anticipated. The difference between this amount and total contract funds will be expended if and as warranted.

Snoose Mining Company
Blaine County, Idaho
Exploration Project Contract Idm-E120

Justification for Amendment No. 9

The purpose of the additional drifting and crosscutting authorized in this amendment is to explore ore found by the diamond drilling program. It is believed that this ore occurs in structures paralleling those previously explored; however, it will be necessary to test them by drifting before an evaluation may be made of their possible mineral content. As the structures may be reached by no more than 100 feet of crosscut from present headings, the remaining footage of drifting should be sufficient to adequately test the structure.

Docket No. DMEA 211
(zinc)

GOVERNMENT COPY

AMENDMENT NO. 8

It is agreed this 4th day of May 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, and Snoose Mining Company 423 First National Bank Bldg., Boise, Idaho

each acting in consideration of the agreement of the other to the terms hereinafter set forth, that the Exploration Project Contract Idm-E 120 of August 21 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 May 1 1953.

This amendment is made by authority granted the Executive Officer, DMEA 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.

SNOOSE MINING COMPANY
(Operator)

By [signature]

THE UNITED STATES OF AMERICA

By [signature]
~~A. E. Weissenborn, Exec. Officer~~
DMEA Field Team, Region II
M. E. Volin, Acting Exec. Officer

DEPARTMENT OF THE INTERIOR
Bureau of Land Management
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JUN 5 1953

SNOOSE MINING COMPANY
Exploration Project Contract Idm-E120
Docket No. DMEA 211 (zinc)

Amendment No. 8

Exhibit "F"

Changes and modifications

1. In Exhibit "A" of the contract, page 1, delete the description of Step IV in the description of the work and substitute the following:

"Diamond drill from the 200 level and the bottom of the winze a maximum of 1000 feet to further explore the Snoose structures at and below the 200 level. The drilling shall be divided among approximately 4 holes, the location, inclination and bearing of which shall be mutually agreeable to the Operator and the Government."

2. In Exhibit "A" of the contract, page 2, under "Estimated Cost of the Project" delete:

"Step IV - 400 feet of winze at $75/foot $30,000.00"

and substitute:

"Step IV -	1000 feet of AX diamond drilling at $4.90/ft. 1/	4,900.00
	Diamond drill stations	1,000.00 2/
	Supervision, hoisting, pumping, power, equipment deprecation, extra labor, etc., during drilling operation	3,000.00
	Total - Step IV	$8,900.00

1/ To be done by independent contractor; contract subject to Government approval. Estimated unit cost includes drilling, reaming, cementing, and mobilization charges.

2/ Includes labor, supplies and all other costs of the work."

SNOOSE MINING COMPANY
Contract Idm-E120
Docket No. DMEA 211 (zinc)

Justification of Amendment No. 8

Original objectives of this contract were to explore two parallel veins containing lead-zinc ore mineralization in shallow workings, and particularly to direct work towards targets where these veins were projected to cut a limestone member considered to be a favorable ore host rock. To date practically all of the project drifting as well as about 300 feet of Operator-financed winze below the 200 level has been in argillite and for the most part on one vein only.

One thousand feet of diamond drilling from existing 200 level workings is considered the most practical and economical method of testing the parallel structure where it cuts beds of limestone which was the original purpose of the contract and as yet is practically untested.

Submitted cost estimates for diamond drilling are approximately equal to those at current operations in the district.

V. Z. Johnson

Docket No. DMEA 211
(zinc)

AMENDMENT NO. 7

GOVERNMENT'S COPY

It is agreed this 7th day of January 195 3, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, and Snoose Mining Company

each acting in consideration of the agreement of the other to the terms hereinafter set forth, that the Exploration Project Contract Idm-E 120 of August 21 195 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 October 1 195 2.

This amendment is made by authority granted the Executive Officer, DMEA 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.

SNOOSE MINING COMPANY
(Operator)

By A M Jensen

THE UNITED STATES OF AMERICA

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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Snoose Mining Company, Inc.
Contract Idm-E120
Docket No. DMEA 211 (zinc)

Amendment No. 7

Exhibit "F"

Changes and modifications

1. To Exhibit "A" of the contract, add the following paragraphs:

"Fire originating in compressor room has destroyed surface buildings and stores and damaged equipment. The expense of replacing and/or repairing buildings, equipment, and stores shall be allowable as a cost of the project to a maximum of $2,400.

"Of the amount of $2,400, a maximum of $1,000 shall be allowable for the labor and materials necessary for the construction of a new combination compressor house, shop and change house. The remainder shall include depreciation on company-owned equipment during the down period, the cost of cleaning up after the fire, and for the repair of equipment and the replacement of small tools damaged in the fire and required for the carrying out of the exploration contract."

This amendment shall not increase the total amount of the contract but shall be deducted from the amount allotted for work below the 200 level of Stage V.

DEPARTMENT OF THE INTERIOR
Bureau Mines Administration
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FEB 2 1939

Snoose Mining Company, Inc.
Contract Idm-E120
Docket No. DMEA 211 (zinc)

Justification of Amendment No. 7

My memorandum of December 16, 1952, subject: inspection of December 1, 1952, estimates damages attributed to October 16, 1952, surface plant fire may total $7,797. Operator's letter of December 16, 1952, requests Government participation but does not inventory damages. The writer recommends amending the contract to allow $2,400 rehabilitation for the direct expenses necessary to start up the project.

Allowable expenses would include only those essential to continuation of exploration, i.e., total costs of a 48x28-foot concrete masonry building just completed would not be allowed but the cost of a smaller, less substantial building should be allowed. The reasonable expenditures necessary to immediately continue the project are estimated as follows:

Building material and labor	$1,000.
(Operator's masonry building cost about $3,000)	
Equipment depreciation during down period	200.
Equipment repairs and replacement of small tools	500.
Miscellaneous labor, plant repair and cleanup	700.
	$2,400.

This amount would be deducted from funds originally allotted for work below the 200 level, Step V.

The work provided for in this amendment was necessary in order that the project could be continued.

V. Z. Johnson

DEPARTMENT OF THE INTERIOR
Bureau of Mines Information
Received
2 - 1973

Min B - file

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

500

April 21, 1953

Memorandum

To: Chief, Contract and Audit Division

From: Chief, Base Metals Division

Subject: Docket No. DMEA 211, Snoose Mine, Contract Idm-E120

Referring to your memorandum regarding Amendment No. 7 to the subject contract, to Administrator, dated March 12, 1953, we attach an explanatory letter from the Field.

Is it your feeling that this letter sufficiently clarifies the matter so that the existing Amendment can be allowed to stand, as presently in effect, or should we request Mr. Weissenborn to replace it with another, in more detail.

W. R. Griswold

W. R. Griswold

Attachment

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

800

March 12, 1953

Memorandum

To: Administrator

From: Jay L. Chambers, Chief (Signed) J. L. Chambers
Contract Administration and Audit Division

Subject: Amendment to Contract Idm-E120, DMEA-211 (Zinc)
Snoose Mining Company

I am returning Amendment No. 7 issued by the Executive Officer of Region II to contract Idm-E120, Snoose Mining Company, under date of January 7, 1953, and the comments of Mr. Hofflund, Mr. Johnson, Mr. Selfridge and Mr. Talbert.

There seem to be so many questions on this amendment raised by the various staff members of DMEA that it seems the only way to answer them is by a rewrite of the amendment. In this case I believe it would be well to have Mr. Hofflund, in conjunction with the proper commodity division, prepare a new amendment clarifying the situation, and ask Mr. Weissenborn to substitute the new amendment for the one he issued.

This new amendment should be based probably on a little more information so that the justification will stand up under any kind of audit. I think additional funds also should be supplied to take care of the additional expenditure provided by the amendment. No one seems to know whether the Company had insurance on the building; what prorata share of the building was used for DMEA exploration project; what equipment was destroyed or damaged; whether the fire resulted from the Operator's negligence, and the basis for allowing depreciation for idle time of the equipment during its rehabilitation and repair. Personally, I do not think the amendment as it stands is fully justified or explained.

Enclosure

JLChambers/wb
March 12, 1953

Copy to: Mails & Files
Admr. Reading File
Mr. Chambers

DMEA

AMENDMENT NO. 6

It is agreed this 15th day of October 195 2, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, and the Snoose Mining Company, a corporation, 423 First National Bank Building, Boise, Idaho.

each acting in consideration of the agreement of the other to the terms hereinafter set forth, that the Exploration Project Contract Idm-E 120 of August 21, 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 October 1, 195 2.

This amendment is made by authority granted the Executive Officer, DMEA 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.

SNOOSE MINING COMPANY
(Operator)

By A. H. Jensen

THE UNITED STATES OF AMERICA

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 16 1952

SNOOSE MINING COMPANY, INC.
Exploration Project Contract Idm-E120

Amendment No. 6

Exhibit "F"

Changes and modifications

In Exhibit "A" of the contract, under Step III, add the following:

> "A raise shall be driven on the Footwall structure from a point near station 209, on the 200 level, to hole through at a point near station 114 on the 100 level."

Costs for the raise shall be deleted from funds alloted to Step V of the contract.

Estimated raising costs are as follows:

175 feet of two-compartment raise
@ $42 per foot ---------- $7,350

SNOOSE MINING COMPANY, INC.
Blaine County, Idaho
Exploration Project Contract Idm-E120
Docket No. DMA-211

Justification for Amendment No. 6

The purpose of the raise outlined in Amendment No. 6 shall be to further test the mineralized strand of the Footwall structure mined above the 100 level, the downward continuation of which is believed to extend along the Northwest heading near station 209. The raise will also test a possible rake in the ore structure between the 100 and 200 levels and will provide better ventilation to mine workings on the 200 level. It should also determine whether the larger ore bodies make in the steeper dipping sections of the vein, information that could be of importance during future exploration.

Inasmuch as the raise should expose valuable geologic information it is to the interest of the Government that it be made an allowable cost to the contract.

Thor H. Kiilsgaard
Geologist

Government Copy
Zinc
Docket No.

AMENDMENT NO. 5

It is agreed this 22nd day of April 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration and the Snoose Mining Company, a corporation, 423 First National Bank Building, Boise, Idaho

each acting in consideration of the agreement of the other to the terms hereinafter set forth, that the Exploration Project Contract Idm-E120 of August 21 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 March 1, 1952.

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.

Snoose Mining Company
(Operator)

By [signature]

The United States of America

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

SNOOSE MINING COMPANY, INC.
Exploration Project Contract Idm-E120

AMENDMENT NO.5

Exhibit "F"

Changes and modifications

1 - In Exhibit "A" of the contract, page 2, under "The following equipment to be purchased for use on the project - - - - - -:", delete the following:

"2 Drifters with arms and bars	$1,700.00"

and substitute the following:

"1 - Stoper	$750.00
1 - Drifter with arm and bar or other equivalent rock drilling equipment	850.00"

Contracts & Audit Copy

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 7 1952

Dma 211

AMENDMENT NO. 4

It is agreed this 15th day of February 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration and The Snoose Mining Company, a corporation, 423 First National Bank Building, Boise, Idaho

each acting in consideration of the agreement of the other to the terms hereinafter set forth, that the Exploration Project Contract Idm-E120 211 of August 21, 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 February 1, 1952.

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.

Snoose Mining Co., Inc.
(Operator)

By A M Jensen

The United States of America

By M E Volin

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

Reviewed by Division 3/13 8/11

Snoose Mining Company, Inc.

Exploration Project Contract Idm-E120

Amendment No. 4

Exhibit "F"

Changes and modifications

1. To Exhibit "A" of the contract add the following paragraph:

"Heavy snows have forced the operator to suspend work being performed under the contract and the shaft and mine workings are flooded as a result of power failures. The cost of snow removal and pumping out and rehabilitating the shaft and mine workings shall be allowable as a cost of the project to a maximum of $1,000.00."

2. In Exhibit "A" of the contract, page 1, change the description of the work to be done in Step III of the project to read: "To crosscut and drift 1,000 feet on the 100 and 200 levels. Crosscutting shall be sufficient to assure that the Reed structure is completely intersected on both levels. The drifting program on these levels will depend upon the strength of the mineralized structures at their points of intersection with the crosscuts, subject to the approval of the DMA Field Team, Region II."

Ward - 3 cc

Department of the Interior
Defense

Dma 211

FEB 1 1 1952

AMENDMENT NO. 3

It is agreed this 8th day of January 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration and the Snoose Mining Company, Inc., 423 First National Bank Building, Boise, Idaho

each acting in consideration of the agreement of the other to the terms hereinafter set forth, that the Exploration Project Contract Idm-E120 of August 21 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 August 21 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.

SNOOSE MINING COMPANY, INC.
(Operator)

By A. M. Jensen

The United States of America

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

MW Monell's reviewed & approved 2/13/52 (HW)

SNOOSE MINING COMPANY, INC.
Exploration Project Contract Idm-E120

AMENDMENT NO. 3

Exhibit "F"

Changes and Modifications

To Exhibit "A" of the contract, add the following:

"As the business office of the Snoose Mining Co., Inc. is located at some distance from the Project and telephone communication is frequently necessary for the efficient performance of the work, the cost of telephone calls, not to exceed $20.00 per month, shall be allowable as a cost of the Project."

RECEIVED NOV 14 1951 G.A.O.

G.A.O.

AMENDMENT NO. 2

It is agreed this 23 day of October 1951, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration and Snoose Mining Company, 423 First National Bank Building, Boise, Idaho.

each acting in consideration of the agreement of the other to the terms hereinafter set forth, that the Exploration Project Contract Idm-E120 of August 21 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 date of said Exploration Contract 195____.

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.

Snoose Mining Co
(Operator)

By A M Jensen

The United States of America

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

NOV 2 1 4 5 PM '51
DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.

Snoose Mining Company
Exploration Contract Idm-E120 Amendment No. 2

EXHIBIT "F"

Changes and Modifications

1. In Exhibit "A" of the contract, page 2, under "Estimated cost of the project is as follows" after "Step I Equipment to be purchased" add "and cost of labor and supplies for shaft rehabilitation" and change the amount from $12,250.00 to $16,450.00.

2. In Exhibit "A" of the Contract, page 2, under "Estimated cost of the project is as follows" after Step V change the specified length of drifting and crosscutting to 1380 feet and change the amount from $52,500.00 to $48,300.00.

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NOV 14 1951
G. A. O.

I DMA- E-120

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.

AMENDMENT NO. 1

OCT 26 1 38 PM '51

It is agreed this 24th day of September 1951, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration and The Snoose Mining Company, Inc., 423 First National Bank Building, Boise, Idaho

each acting in consideration of the agreement of the other to the terms hereinafter set forth, that the Exploration Project Contract DMA--211 Idm-E120 of August 21, 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 date of said Exploration Project Contract ~~195~~.

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.

NOV 2 1951 17

RECEIVED CONTRACT SERV. SEC. G.A.O.

Snoose Mining Co., Inc.
(Operator)

By O. M. Jensen

The United States of America

By M. E. Dolin

Acting Executive Officer

Cont. Serv. Sec.
Change Order
Noted

Snoose Mining Company, Inc.

Exploration Project Contract - AMENDMENT NO. 1

EXHIBIT "F"

Changes and Modifications:

(1) In Exhibit "A" of the contract, page 2, under "The following equipment to be purchased for use on the project and allowable as required within the above steps of the project and to the maximum shown:" add the following item: " 1 Electric motor-driven pump (to be used as standby) - - $850.00".

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.
OCT 26 1 38 PM '51

GOVERNMENT COPY

22364-3

APPROVAL OF SUBCONTRACT
(Under Form MF-200 prior to
revision of February 1952)

To: Snoose Mining Company
(Name of Operator)

That certain contract, or proposed contract, a copy of which you have submitted with your request for approval, dated 5-9-53, between you and Nichols and Thompson Core Drilling Co., Inc.
(Name of Independent Contractor)
for the performance of the following work: 1000 feet of diamond drilling as follows: per foot - 0-200 feet AX-$4.75 BX-$5.35; 200-300 feet AX-$5.35; with $2.50 per foot for reaming and cementing if necessary; moving in and out - $150; casing left in holes not to exceed $0.75 per foot.

which is all or a specific element of the work described in an Exploration Project Contract dated August 21, 1951, Idm E120, Docket No. DMEA 211, is hereby approved by the United States of America, subject to the following terms and conditions.

1. The Government shall not be nor be considered to be a party to said independent contract, and the Government's right to terminate the exploration project contract under any of its provisions shall not in any manner be affected by reason of said independent contract.

2. Regardless of the provisions of said independent contract, the Government will participate in the payments to the independent contractor only on account of work actually performed and that conforms with the provisions of the exploration project contract, and only to the extent that the Government deems the unit prices for the work under the independent contract to be reasonable and necessary.

3. The said independent contract shall not have the effect of increasing the estimated total cost of the exploration project contract or the maximum amount which the Government will pay as provided in the exploration project contract.

Dated: May 26, 1953.

THE UNITED STATES OF AMERICA

By Robert K. Kilsgaard
For: A. E. Weissenborn, Exec. Officer
DMEA Field Team, Region II

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
JUN 1 1953

NICHOLS & THOMPSON CORE DRILLING CO., INC.
BOISE, IDAHO

May 9, 1953

Snoose Mining Company
Hailey, Idaho

Gentlemen:

We are pleased to submit the following prices for diamond drilling of your property near Hailey, Idaho.

1. Diamond core drilling as follows per foot:

	A X	B X
0 - 200 feet	$ 4.75	$ 5.35
200 - 500 feet	5.35	

2. Should reaming or cementing be necessary, the rate per foot would be $2.50.

3. You will be charged one half of our cost, but not to exceed 75¢ per foot, for any casing not recovered.

4. It is anticipated that station will be large enough for a 10 foot rod pull.

5. Your company is to furnish air, water and necessary hoistman or other personnel. We will furnish driller and drill helper and all drilling equipment except core boxes, which will be furnished by you.

6. We will work a minimum of six, 8 hour shifts per week from date of starting and it is agreed that you will provide facilities for two shifts per day if conditions warrant.

7. It is agreed that the minimum footage to be drilled is (1000 feet) one thousand feet, but we agreed to do any additional drilling continuously with the above mentioned footage under these same terms.

8. There will be a move in and move out charge of $150.00.

9. We will expect payment for work performed by the 10th of each month for work done the previous month.

If you find the above terms satisfactory, a signed copy of this letter will be sufficient in lieu of a formal contract.

Very truly yours,

NICHOLS & THOMPSON CORE DRILLING CO., INC.

By Glenn A. Nichols

Accepted 5-9-53

SNOOSE MINING CO.

By L. H. Moore

MF-200
(June 1951)

Docket No. DMA 211
Commodity Zinc
Idm-E120

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Index Bureau
No.
Received 9/17/51

EXPLORATION PROJECT CONTRACT [1]

RECEIVED SEP 19 1951 G.A.O.

It is agreed this 21st day of August, 1951, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2] The Snoose Mining Company, a corporation
423 First National Bank Building
Boise, Idaho

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 Idaho, County of Blaine described as follows: [3]

See Exhibit "A"

SEP 21 1951
RECEIVED
CONTRACT SERV. SEC.
G.A.O.

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:

See Exhibit "A"

(*b*) ~~That he is the sole owner, in possession and entitled to possession, and the subordination agreement of the holder is attached:~~

3. *Exploration project.* The Operator, within thirty (30) days from the date of this contract shall commence work on a project of exploration for [5] zinc ores; 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] two (2) years 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 50 percent of the approved costs incurred; *Provided,* That the aggregate total of all sums paid by the Government under this agreement shall not exceed $67,500.00, which is 50 percent of the agreed estimated total cost of this project, $135,000.00.

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.

Snoose Mining Company, Inc.
(Operator)

By A. M. Jensen, President

THE UNITED STATES OF AMERICA

By C. O. Mitteudorf

Director, Production Expansion Division
Defense Minerals Administration

U. S. GOVERNMENT PRINTING OFFICE 16—64060-2

EXHIBIT A

The proposed exploration program for the Snoose mine is herein described as a step by step operation. Each successive step of the operation will be contingent upon the findings of the previous step, and upon prior Government approval.

Step I

To install a pump and electric hoist in the Snoose shaft and to rehabilitate the shaft down to the 200 level.

Step II

To extend the crosscut on the 200 level in the present direction to beyond the structure in the face of the crosscut and explore for the Reed lode. This lode should be intersected at a maximum distance of 150 feet. If intersected at a lesser distance, continued crosscutting will be unnecessary.

Step III

To drift 1000 feet on either the footwall or Reed structure on the 100 and 200 levels. The drifting program on these levels will depend upon (1) findings in the 200 level crosscut, and (2) strength of the mineralized structures at the points of intersection.

Step IV

A winze will be sunk from the 200 level to explore the intersection of the Snoose structures and the limestone beds which crop out east of the present mine workings. This sinking operation will be concurrent with the drifting program on the 100 and 200 levels. It is planned to sink the winze on the Reed structure inasmuch as this structure is farthest east, strongest, and will be the first structure to intersect the limestone. However, if sinking in the Reed structure makes for unfavorable mining operations, the applicants will continue sinking the present shaft and will then crosscut from the shaft to the Snoose structure and limestone bed intersection.

Step V

After intersecting the limestone beds, it is planned to drift and/or crosscut on the structure for a maximum of 1500 feet. The extent of this exploration program will depend upon the strength and mineral showings of the structures where opened by the mine workings.

Estimated cost of the project is as follows:

Step I	Equipment to be purchased	$ 12,250.00
Step II	150 feet of crosscut @ $35 per foot	5,250.00
Step III	1000 feet of drifting @ $35 per foot	35,000.00
Step IV	400 feet of winze @ $75 per foot	30,000.00
Step V	1500 feet of drifting and cross-cutting @ $35 per foot	52,500.00
	Total	$135,000.00

The following equipment to be purchased for use on the project and allowable as required within the above steps of the project and to the maximum shown:

Ventilating fans and air lines	$ 2,500.00
Surface tools and timber framing tools	1,000.00
2 Drifters with arms and bars	1,700.00
10 Mine cars @ $250 each	2,500.00
Small mine tools, shovels, picks, etc.	2,050.00
Electric hoist for winze with electric cable	2,500.00
Total	$12,250.00

The following equipment to be furnished by the operator for use on the exploration project:

2 Mucking machines
2 Jackhammers
2 Air sump-pumps
2 Stopers
2 Mine cars
1 1950 Ford ½ ton pickup
1 Pneumatic saw
1 H & B steam hoist converted to electric with motor and controls
1 300 gpm. I. R. Motor pump
1 W. J. 3 x 16 x 9 3/4 x 10 Angle compaund Compressor

Allowable cost to the project for the use of each of the above described items of equipment shall be the rate of depreciation calculated on replacement cost over a sixty month period. Such cost shall be allowed only for those months such equipment items are actually used.

Wages paid for labor and supervision on this exploration project shall be allowable as costs only to the extent approved by the Spokane office of DMA as being necessary for satisfactory performance of the work. The salaries or wages of labor and supervision when engaged part time on production and part time on this exploration project shall be pro-rated in a manner satisfactory to the Spokane office of DMA and as defined in Section 10 of this contract.

No fixtures and improvements and no rehabilitation and repairs are to be charged as costs of the project.

DESCRIPTION OF UNPATENTED LODE MINING CLAIMS
(See item 2, Page 1 Form 200)

39 1. DICKIE NO. 1 — Unpatented lode mining claim, location notice of which was recorded September 26, 1939 in Book 141 of Quartz Mining Claims at page 378 in the office of the County Recorder of Blaine County, Idaho.

39 2. DICKIE NO. 2 — Unpatented lode mining claim, location notice of which was recorded September 26, 1939, in Book 141 of Quartz Mining Claims at page 379, in the office of the County Recorder of Blaine County, Idaho.

3. HOT SHOT — Unpatented lode mining claim, location notice of which was recorded May 13, 1940, in Book 141 of Quartz Mining Claims at Page 436 in the office of the County Recorder of Blaine County, Idaho.

4. MARGRET — Unpatented lode mining claim, amended location notice of which was recorded February 19, 1944, in Book 130 of Quartz Mining Claims, at page 247 in the office of the County Recorder of Blaine County, Idaho.

5. BACKBREAKER — Unpatented lode mining claim, location notice was recorded September 8, 1945 in Book 141 of Quartz Mining Claims at page 700 in the office of the County Recorder of Blaine County, Idaho.

6. SUNSHINE — Unpatented lode mining claim, location notice was recorded September 8, 1945 in Book 141 of Quartz Mining Claims at page 701 in the office of the County Recorder of Blaine County, Idaho.

7. DAN PATCH — Unpatented lode mining claim, location notice was recorded September 18, 1945 in Book 141 of Quartz Mining Claims at page 708 in the office of the County Recorder of Blaine County, Idaho.

8. SEA BISCUIT — Unpatented lode mining claim, location notice was recorded September 18, 1945 in Book 130 of Quartz Mining Claims at page 265 in the office of the County Recorder of Blaine County, Idaho.

9. MAN OF WAR — Unpatented lode mining claim, location notice was recorded September 18, 1945 in Book 130 of Quartz Mining Claims at page 266 in the office of the County Recorder of Blaine County, Idaho.

10. WASP	Unpatented lode mining claim, location notice of which was recorded September 4, 1943, in Book 141 of Quartz Mining Claims, at page 604 in the office of the County Recorder of Blaine County, Idaho.
11. BUDDY	Unpatented lode mining claim, location notice of which was recorded September 4, 1943, in Book 141 of Quartz Mining Claims, at page 604 in the office of the County Recorder of Blaine County, Idaho.
12. BLACK HORNET	Unpatented lode mining claim, location notice of which was recorded September 4, 1943, in Book 141 of Quartz Mining Claims, at page 606 in the office of the County Recorder of Blaine County, Idaho.
13. BUZZARD	Unpatented lode mining claim, location notice of which was recorded September 27, 1943, in Book 141 of Quartz Mining Claims, at page 614 in the office of the County Recorder of B laine County, Idaho.
14. BALTIC	Unpatented lode mining claim, location notice of which was recorded September 27, 1943, in Book 141 of Quartz Mining Claims, at page 615 in the office of the County Recorder of Blaine County, Idaho.

Exhibit of Claims, Liens and Encumbrances - see Item 2 (a)

Mortgage dated August 4, 1951, covering all claims in favor of Fred E. Povey and Johanna - Recorded in Book 161, page 428 of Mortgage Records of Blaine County, Idaho.

Chattle Mortgage No. 5234 in favor of Fred E. Povey and Johanna Povey - Recorded in Book 152, page 400 of Chattle Mortgage Records of Blaine County, Idaho.

MF-201

MORTGAGOR'S SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the owner is the holder of a mortgage, claim, lien, or encumbrance dated August 4, 1951, ..., recorded in Book 161, page 428, of Mortgages, and Chattel Mortgage No. 5234 (Book 152, page 400) the records of the county of Blaine, State of Idaho,

upon that certain parcel of ground described in a certain Exploration Project Contract dated August 21, 1951, between Snoose Mining Company

.....,

the owner of said property and the United States of America;

NOW, THEREFORE, the undersigned does by these presents subordinate all of his right, title, and interest in said mortgage, claim, lien, or encumbrance to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights under the provisions of said mortgage, claim, lien, or encumbrance; and

The undersigned agrees to commit no act nor assert any right, title, or interest under said mortgage, claim, lien, or encumbrance that might contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this 6th day of August, 1951.

Fred E Povey

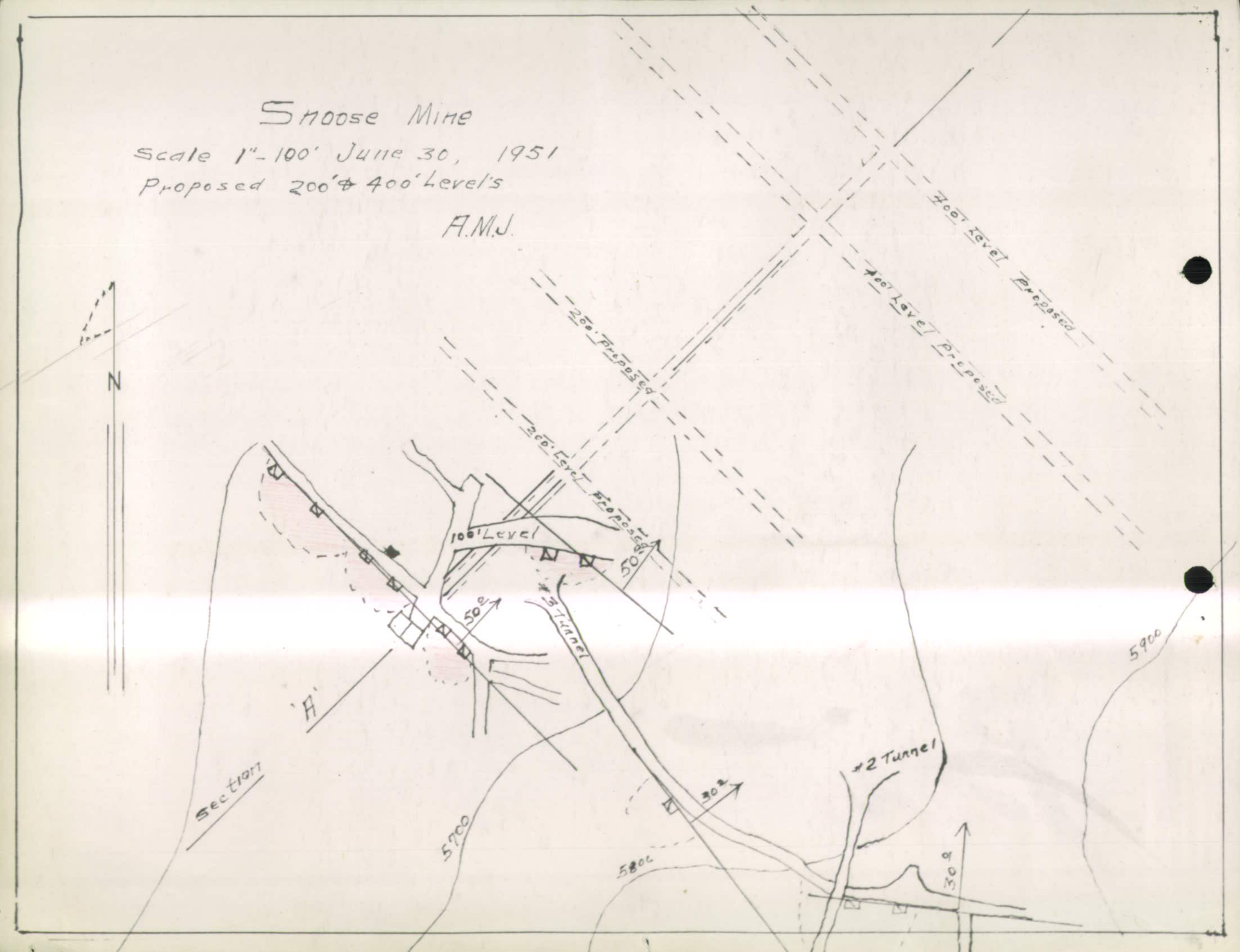
U. S. GOVERNMENT PRINTING OFFICE 940767

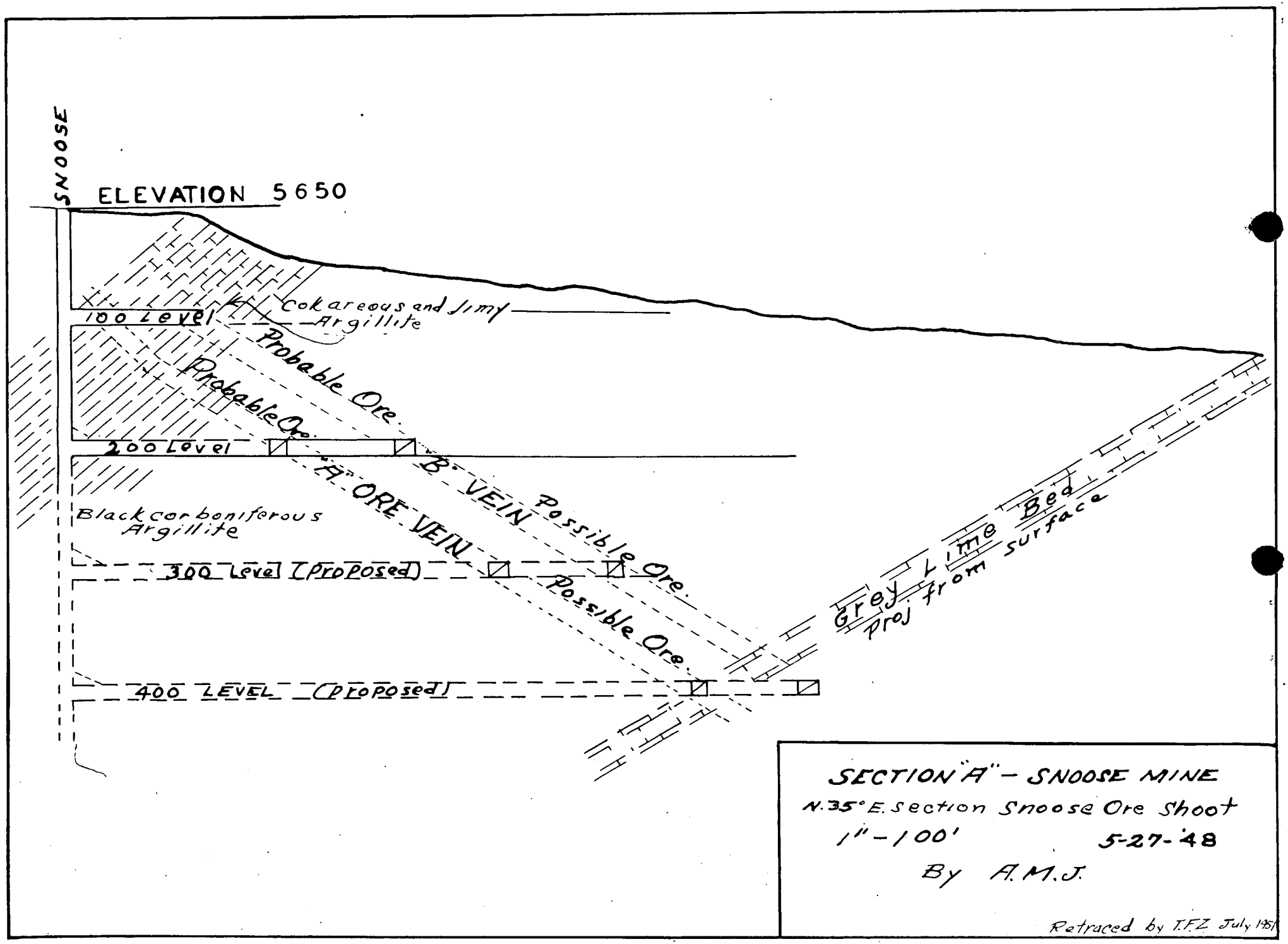
Johanna Povey

Smoose Mine

Scale 1" - 100' June 30, 1951
Proposed 200' & 400' Level's

A.M.J.




SNOOSE
ELEVATION 5650
100 Level
Cokareous and Jimy Argillite
Probable Ore
Probable Ore
200 Level
"A" ORE VEIN
"B" VEIN
Possible Ore
Possible Ore
Black carboniferous Argillite
300 Level (Proposed)
400 LEVEL (Proposed)
Grey Lime Bed proj from surface
SECTION "A" - SNOOSE MINE
N.35° E. Section Snoose Ore Shoot
1" - 100'
5-27-48
By A.M.J.
Retraced by T.F.Z. July 1951

Form MF-100
(May 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 211-

Date received MS 1969

SNOOSE MINING CO.
Hailey, Idaho

Name and address of applicant

Date June 28, 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) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) 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? Lead and Zinc
   (*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. - 225 ft.
   (*b*) Linear feet of drifts and crosscuts. - 1,000 ft.
   (*c*) Linear feet of tunnels or adits. 4,000 ft.
   (*d*) Linear feet of other mine openings (explain briefly). None

   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. 2½ miles SW of Hailey, Idaho
   (*b*) Mining district. Mineral Hill
   (*c*) Township, Section, Range.
   (*d*) County, State. Blaine County, Idaho
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:
   - ☒ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production Not in production.
   If not in production or operation, estimated date when production will begin approximately 12 months
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. 30 yrs. mining superintendent - 19 of them as superintendent of Triumph Mine, Hailey, Idaho
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.
   (*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 as of May 31, 1951 — Common (e)	Preferred (f)	Life Insurance Carried for Benefit of Applicant — Amount (g)	Net Cash Surrender Value After Loans (h)
Arthur M. Jensen	President (D)	34,800.00		252,049	None	None	None
W. F. Smith	Vice-Pres. (D)	None		259,225	"	"	"
Ralph S. Bacon	Sec'y Treas (D)	"		196,000	"	"	"
E. W. McRoberts	None	None		247,000	"	"	"
Mrs. Erma Simpson	None	None		136,065	"	"	"
Willard R. Wood	Director	None		88,958	"	"	"
Robert M. Reese	"	None		25,443	"	"	"
	Total:	34,800.00	x x x x	1,204,740	None	x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues: as of May 31, 1951

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$500,000.00	$472,211.25	$25¢ per share	1,888,845	None Paid
Preferred stock	$ None	$ None	$ None	None	None

*Indicate period covered.

10. Production:

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. Any ore shipped incident to development work.

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology ore reserves. Refer to item 7(C)

Addendum to MF-100 Page 1
Snoose Mining Company
Hailey, Idaho

Item 2

The shaft, drifts and crosscuts in 2-(a) and (b) are flooded. The equipment is just now in place for the purpose of pumping this section. At the time this part of the work was flooded the only power available was diesel and our equipment at that time did not generate enough power to pump and mine. We now have electric power and larger capacity equipment which should eliminate our flood problem. We have an Ingersall-Rand-300 GPM Motor Pump for this oper tion.

Item 7

(a) See Item 2 for amount of development work done.
See Item 10 for amount of production.
Development work is still under way.
(b) Star mine on the south approximately $2,000,000.00.
Climax on the northwest approximately $200,000.00.
(c) Your department has made an extensive examination of the property.

Addendum to MF-100 Page 2

Item 17

Buildings: Compressor House
Blacksmith Shop and tool house.
Dry room for 12 men
Head frame and Hoist house
2 ore bins - 60 tons capacity each

Equipment: 2 Mucking Machines
2 Jack hammers - Ingersall Rand
2 Pumps, Air Sump
2 Stopers - 591 Joy
2 Mine cars
1 1950 Ford Pickup - 1/2 ton
1 Pneumatic Saw
1 Hendrie and Boethoff Steam type hoist converted to electric including Morse Rotor and motor and reversing control
1 Ingersall Rand - 300 GPM Motor Pump
1 WJ 3x16x9 - 3/4x10 angle compound
Air Compressor - 1000 cu.ft. cap.

(*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)	NOT AVAILABLE				
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: Grazing Service Road, Graveled
Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply: Creek in Colorado Gulch, plenty of water year around for any possible mining or milling requirements.
State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power: Electricity - 11000 volts - Power now used 20-85 and 150 HP motors.
State amount of power used, rate per hour, and source thereof. Source - Idaho Power Co.

16. Labor: 3 miners - intend to increase to approximately 24.
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.

SNOOSE MINING COMPANY
(Name of company)

By A M Jensen
(Signature of authorized official)

June 28, 1951
(Date)

President
(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

Form MF-100
(May 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 211

Date received US 1969

SNOOSE MINING CO.
Hailey, Idaho

Name and address of applicant

Date June 28, 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) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) 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? Lead and Zinc
   (*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. - 225 ft.
   (*b*) Linear feet of drifts and crosscuts. - 1,000 ft.
   (*c*) Linear feet of tunnels or adits. 4,000 ft.
   (*d*) Linear feet of other mine openings (explain briefly). None

   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. 2½ miles SW of Hailey, Idaho
   (*b*) Mining district. Mineral Hill
   (*c*) Township, Section, Range.
   (*d*) County, State. Blaine County, Idaho
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:
   - ☒ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production ~~Not in production.~~

   If not in production or operation, estimated date when production will begin ~~approximately 12 months~~
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. 30 yrs. mining superintendent - 19 of them as superintendent of Triumph Mine, Hailey, Idaho
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.
   (*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 as of May 31, 1951 — Common (e)	Preferred (f)	Life Insurance Carried for Benefit of Applicant — Amount (g)	Net Cash Surrender Value After Loans (h)
Arthur M. Jensen	President (D)	$4,800.00		252,049	None	None	None
W. F. Smith	Vice-Pres. (D)	None		259,225	"	"	"
Ralph S. Bacon	Sec'y Treas (D)	"		196,000	"	"	"
E. W. McRoberts	None	None		247,000	"	"	"
Mrs. Erma Simpson	None	None		136,065	"	"	"
Willard R. Wood	Director	None		88,958	"	"	"
Robert M. Reese	"	None		25,443	"	"	"
	Total	$4,800.00	x x x x	1,204,740	None	x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues: as of May 31, 1951

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$ 500,000.00	$ 472,211.25	$ 25¢ per share	1,888,845	None Paid
Preferred stock	$ None	$ None	$ None	None	None

*Indicate period covered.

10. Production:

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. Any ore shipped incident to development work.

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. Ref. to item 7(C)

Addendum to MF-100 Page 1
Snoose Mining Company
Hailey, Idaho

Item 2

The shaft, drifts and crosscuts in 2-(a) and (b) are flooded. The equipment is just now in place for the purpose of pumping this section. At the time this part of the work was flooded the only power available was diesel and our equipment at that time did not generate enough power to pump and mine. We now have electric power and larger capacity equipment which should eliminate our flood problem. We have an Ingersall-Rand-300 GPM Motor Pump for this operation.

Item 7

(a) See Item 2 for amount of development work done.
See Item 10 for amount of production.
Development work is still under way.
(b) Star mine on the south approximately $2,000,000.00.
Climax on the northwest approximately $200,000.00.
(c) Your department has made an extensive examination of the property.

Addendum to MF-100 Page 2

Item 17

Buildings: Compressor House
Blacksmith Shop and tool house.
Dry room for 12 men
Head frame and Hoist house
2 ore bins - 60 tons capacity each

Equipment: 2 Mucking Machines
2 Jack hammers - Ingersall Rand
2 Pumps, Air Sump
2 Stopers - 591 Joy
2 Mine cars
1 1950 Ford Pickup - 1/2 ton
1 Pneumatic Saw
1 Hendrie and Boethoff Steam type hoist converted to electric including Morse Rotor and motor and reversing control
1 Ingersall Rand - 300 GPM Motor Pump
1 WJ 3x16x9 - 3/4x10 angle compound Air Compressor - 1000 cu.ft. cap.

(*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:

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Measured (proved)	NOT AVAILABLE				
Indicated (probable)					

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(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.

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

15. Power: Electricity - 11000 volts - Power now used 20-85 and 150 HP motors.
State amount of power used, rate per hour, and source thereof. Source - Idaho Power Co.

16. Labor: 3 miners - intend to increase to approximately 24.
State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

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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.

SNOOSE MINING COMPANY
(Name of company)

By A M Fensin
(Signature of authorized official)

June 28, 1951
(Date)

President
(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

SNOOSE MINING COMPANY
HAILEY, BLAINE COUNTY, IDAHO
OFFICE LOCATED
423 FIRST NATIONAL BANK BLDG.
BOISE, IDAHO

APPLICATION FOR LOAN
to
BUREAU OF MINES
DEPARTMENT OF INTERIOR

DECEMBER 20, 1950

SNOOSE MINING COMPANY
423 First National Bank Bldg.
Boise, Idaho

December 20, 1950

Dr. James W. Boyd, Dept. Administrator
Defense Minerals Administration
Department of Interior
Washington 25, D. C.

Gentlemen:

We are submitting herewith our application for assistance in obtaining the necessary funds to place our mining properties in production.

Page 3 of this report indexes the schedules, maps, letters and data which we are submitting in support of our request.

To summarize the amount of funds required, please refer to the following schedules, etc:

Outline of Proposed Work- Item 3, Page 5	$378,072.90
Machinery, Equipment & Buildings Necessary for Development Work -Item 3-c-1, Page 11	34,815.00
Machinery, Equipment & Facilities Required for Proposed Production-Item 3-c-2 Page 11	80,850.00
Total Estimated Funds Required	$493,737.90

In order to accomplish the objectives outlined in this report, we wish to make application for a loan in the amount of $500,000.00. We feel that upon completion of the mill (refered to in Item 3 - Program #4) production of zinc could then be commenced. This should not take longer than six months from the date funds are made available.

The Snoose Mining Company is a corporation chartered under the laws of the State of Idaho, May 24th, 1945, with capitalization of 2,000,000 shares of non-assessable common stock authorized, par value of 25¢ per share. To date there has been issued 1,776,209 shares.

Under the management of the Snoose Mining Company both as a partnership and a corporation, there has been shipped a total of 84 car loads of ore totaling 4415.76 dry tons. Item 2, Page 4 of this report sets forth the quantities of the various ores produced by these shipments. It is to be noted that zinc is the major metal recovered. We are of the opinion that a large quantity of this metal can be recovered in a reasonable period of time if we can obtain the necessary assistance.

Respectfully submitted,

SNOOSE MINING COMPANY

A. M. Jensen

A. M. Jensen, President

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SNOOSE MINING COMPANY
HAILEY, IDAHO

ITEM

(1) Name of Mine:

Snoose Mining Company, Incorporated under the Idaho State Laws - May 24th, 1945-- from June 1, 1943 to May 24, 1945 the mine was operated as a partnership of Jensen & Stevens using the name of Snoose Mining Company. The partners being A. M. Jensen (the present president and manager) and Harry J. Stevens.

(2) Past Production:

As partnership - A. M. Jensen & Harry Stevens - August 31, 1944 to May 24, 1945.

a.	Number of cars shipped	46	
b.	Gross tons of ore shipped	2,454.738	tons (dry weight)
c.	Metals by weight recovered:		
	1. gold	98.448	ounces 0.03
	2. silver	8,104.435	" 3.3 oz .22 %
	3. copper	10,498	pounds 0.22 %
	4. lead	109,726	" 2.23 %
	5. zinc	249,358	" [= 5.1 %] 5.75

As corporation - May 24, 1945, up to present under Snoose Mining Company:

a.	Number of cars shipped	38	
b.	Gross tons of ore shipped	1,961.022	tons (dry weight)
c.	Metals by weight recovered:		
	1. gold	82.74	ounces
	2. silver	8,892.38	" 4.53 oz
	3. copper	5,899	pounds 0.15
	4. lead	82,751.81	" 2.11 %
	5. zinc	196,408.45	" [5 %] =

All production to date has been either incidental to development work or to test the grade of ore being opened up or both.
(For additional information see Item 7.)

ITEM (3) FOLLOWING IS OUTLINE OF PROPOSED WORK FOR WHICH THE LOAN IS REQUESTED:

PROGRAM #1		
To develop mine 100 ft. and 200 ft. level 1,370 ft. at $30.43	$ 41,689.10	
And develop Reed Ore shoot through #2 and #3 tunnels - 1,250 ft. @$24.15	30,187.50	$ 71,876.60
PROGRAM #2 400'		
Sink shaft from 200 to 400 foot level to develop Snoose Ore shoot and lime beds.		
200 ft. shaft @ $100.00	$ 20,000.00	
2 Stations @ $1,000.00	2,000.00	22,000.00
PROGRAM #3		
Cross-cutting from shaft and drifting on vein from 300 and 400 ft. levels and develop the lime beds on the 400 ft. level 2,760 @ $30.43	$ 83,986.80	
Drifting from 100 and 200 ft. levels Snoose Shaft to Reed Ore shoot 1,650 feet @$30.43	50,209.50	134,196.30
PROGRAM #4		
Simultaneous with Programs 1, 2 & 3 the procurement of and erection of a 100 ton flotation mill with crushing and bin capacity of 200 tons		
Machinery and Equipment	$100,000.00	
Cost of erection	50,000.00	150,000.00
Total Estimated Costs of Proposed Work		$378,072.90

Time required to complete:

Program #1	3	months
2	3	"
3	6	"
Total Time required	12	"

Program #4 can be completed by the time #2 is completed thereby permitting some production to begin at that time.

ITEM
(3) SCHEDULE SUPPORTING COSTS OF PROGRAM #1

#2 Tunnel - 500 ft. drifting southwest ? SE?	500 ft.
#3 Tunnel - 750 ft. drifting southwest	750 ft.
Total cross-cutting and drifting above mine shaft collar	1,250 ft.
100 ft. Level Snoose Shaft - 850 ft drifting southwest — SE ?	850 ft.
200 ft. Level Snoose Shaft - 350 ft drifting southwest "A" Vein	350 ft.
200 ft. Level Snoose Shaft - 70 ft. cross cut "A" to "B" vein	70 ft.
200 ft. Level Snoose shaft - 100 ft drifting "B" vein	100 ft.
Total cross-cutting and drifting below mine shaft collar	1,370 ft.
Total cross-cutting and drifting	2,620 ft.

Per Foot Cost Above Collar Mine Shaft:	Per Foot
Labor	$ 9.50
Insurance, Payroll Tax Expense, etc.	.80
Pipe 3" for Air, 1" for Water - with fittings	1.25
Rail, splices, ties, bolts, spikes	1.50
Timber	1.75
Explosives	1.50
Equipment Repairs	1.00
Drill steel and bits	1.00
Total	$ 18.30
Add 20% for overhead	3.66
	$ 21.96
Add 10% for contingency	2.19
Total cost per foot above shaft level	$ 24.15

Per Foot Cost Below Collar Mine Shaft:	Per Foot
Same as above to first total	$ 18.30
Hoisting, pumping, top train, mine,mine team labor	4.75
Total	$ 23.05
Add 20% for overhead	4.61
	$ 27.66
Add 10% for contingency	2.77
Total cost per foot below shaft level	$ 30.43

Total Drifting & Crosscutting Above Shaft Collar 1250' @ $24.15	$30,187.50
Total Drifting & Crosscutting Below Shaft Collar 1370' @ $30.43	41,689.10
Total Drifting & Crosscutting for Probable Ore	$71,876.60

SCHERER, MOORE & RIFE
PUBLIC ACCOUNTANTS · BOISE, IDAHO

ITEM
(3-b) SCHEDULE OF MAJOR EQUIPMENT AND OTHER FACILITIES AVAILABLE.

Head Frame
2 - Ore bins - 60-ton capacity
2 - Mucking Machines
3 - Ingersall Rand #35 Sump Pumps
1 - 1000 cu. ft. Sullivan, Angle Compound Compressor driven by 150 H.P. Electric Motor
1 - 1940 Buick Roadmaster Sedan
2 - Sullivan Stopers
2 - Ingersall Rand Jack Hammers
4 - Mine Cars
5 - Tons Mine Rail
2-1/2 Miles Electric Power Line (Ownership of this will revert to Idaho Power Co. thru a 50% rate reduction until costs are recovered)

Buildings consist of:
1 - Compressor House
1 - Change Room
1 - Shop and Warehouse

ITEM

(3-c-1) ESTIMATED COST OF MACHINERY, EQUIPMENT & BUILDINGS NECESSARY FOR PREPARATORY DEVELOPMENT FOR PROBABLE ORE --

Ventilating fans and Air Lines	$ 2,500.00
Hoist	2,500.00
Moving and Installing Hoist	2,500.00
Excavating and Building Hoist House	3,500.00
30 gal. Per Minute Pomona Pump	2,800.00
Surface tools to include cut off saw and skill saw, etc.	1,000 00
Miscellaneous Building Repairs	600.00
15 Mine Cars (19 cu. ft.) @ 175.00 each	2,625.00
5 Drifters with bars and arms @ $675.00	3,375.00
Pumping Out and Repairing Shaft and Installing Pomona Pump	1,200.00
Small Mine Tools, Shovels, Picks, etc.	500.00
3 Mucking Machines @ $2,350.00 each	7,050.00
Air and Water Hoses and Oilers	1,500.00
Total	$ 31,650.00
Plus 10% for Contingency	3,165.00
Total	$ 34,815.00

(3-c-2) SCHEDULE OF NEW MAJOR EQUIPMENT AND FACILITIES REQUIRED FOR PROPOSED PRODUCTION--

Change Room	$ 8,000.00
Assay Office and Equipment	2,500.00
General and Engineering Office	2,000.00
Warehouse and Lamp House	2,000.00
Powder Magazine	500.00
1-Ore Bin at #1 Tunnel (75 tons)	1,500.00
Timber Framing Shed	1,500.00
3 Snow Sheds	1,500.00
Timber Yard	500.00
Excavating and filling surface yard and fluming creek	1,250.00
Blacksmith and Machine Shop	1,250.00
Blacksmith and Machine Shop Equipment	2,000.00
Warehouse and Lamp House Supplies & Equipment	6,000.00
Timber Framing Shed & Equipment	1,000.00
General and Engineering Office Supplies & Equipment	1,600.00
Garage	1,500.00
Truck	2,500.00
Car for General Use	2,500.00
4 Mancha Trammers and Charging Stations	12,800.00
Power Line from Shaft to #2 & #1 Portals	500.00
19 Stopers	9,500.00
9 Tuggers and Slushers	9,000.00
12 - 19 cu. ft. Mine Cars	2,100.00
	$ 73,500.00
Plus 10% Contingency	7,350.00
	$ 80,850.00

ITEM

(3-d) Present Average Number of Employees:

6 miners
1 compressor operator

(3-e) Additional employees required to produce 192 tons per day or 5,000 tons per 26 day month:

32 miners
4 motormen
2 cagers
2 hoist men
2 top trammers
1 blacksmith
1 mine mechanic
1 timber framer
1 timber framer helper
1 surface mechanic and electrician
2 shifters
1 foreman
1 assayer
1 general Superintendent
1 warehousemen
1 office manager
1 office clerk
1 change room man and janitor
1 engineer

There are plenty of skilled men available in the vicinity of Hailey, Idaho to supply the demand.

(3-f) Most of the ore needs to be milled. The nearest available custom milling is Combined Metals Reduction Co., Bauer, Utah. Approximately 350 miles from the mine.

Method of transportation is Truck and Union Pacific R.R. Co.

As shown elsewhere in this report we are asking for funds for the purchase and installation of a 100-ton capacity flotation mill with a crushing and bin capacity for 200 tons per day so that an additional 100-ton flotation unit can be added as soon as production warrants it.

(3-g) After the proposed work is completed it is estimated that ore can be mined at the rate of 192 tons p er day or 5,000 tons per month of 26 working days.

(3-h) Work should be completed for which the loan is requested and production as referred to in item 3-g within 12 months from date loan is made available.

(3-i) Mine is located two and three quarters miles from the railroad loading siding at Hailey, Idaho. It is two and one quarter miles from the mine to oiled road (Hi-way #93) at Hailey city limits. The road to the mine is a good graded gravel road built by the U.S. Grazing Service in 1946 or 1947. This road can be kept clear of snow for year round operation.

(3-j) It is estimated that the mine can operate on the grade of ore expected if the following prices are received:

Lead	19 cents per pound
Zinc	15 cents per pound

ITEM
(4) SCHEDULE OF ESTIMATED ORE RESERVES--

Location	Probable Tons	Assays Au	Ag	Pb	Zu	Cu	Ounces Au	Ounces Ag	Pounds Pb	Pounds Zu	Pounds Cu
Measured Ore											
Reed "B" Ore Shoot to 100' Shaft Level	56,250	.04	8.0	4.5	3.50	.15	2,250	450,000	5,062,500	3,937,500	168,750
Indicated Ore											
Reed Tunnel "A" Ore Shoot to 100' Level Snoose Shaft	100,000	.05	12.3	6.0	5.40	.500	5,000	1,230,000	12,000,000	10,800,000	1,000,000
Snoose "A" Vein 100' Level to 200' Level	67,500	.05	11.11	4.75	8.90	.230	3,375	749,925	6,412,500	12,015,000	310,500
Snoose "B" Vein 100' Level to 200' Level	25,000	.044	6.47	2.73	5.52	.205	1,100	161,750	1,415,000	2,760,000	102,500
Total Indicated Ore	192,500						9,475	2,141,675	19,827,500	25,575,000	1,413,000
Inferred Ore											
Reed "A" Ore Shoot 100' to 400' Level	120,000	.05	12.3	6.0	5.40	.50	6,000	1,476,000	14,400,000	12,960,000	1,200,000
Snoose "A" Ore Shoot 200' to 400' Level	135,000	.05	11.11	4.75	8.90	.23	6,750	1,499,850	12,825,000	24,030,000	621,000
Snoose "B" Vein 200' to 400' Level	50,000	.044	6.47	2.73	5.52	.205	2,200	323,500	2,730,000	5,520,000	553,500
Reed "B" Ore Shoot 100' to 400' Level	67,500	.04	8.0	4.5	3.50	.15	2,700	540,000	6,750,000	4,725,000	202,500
Snoose Bedded Ore	150,000	.02	12.5	8.0	16.00	.20	3,000	1,875,000	24,000,000	48,000,000	600,000
Reed Bedded Ore	131,250	.02	12.5	8.0	16.00	.20	2,625	1,640,625	21,000,000	42,000,000	525,000
	653,750						23,275	7,354,975	81,705,000	137,235,000	3,702,000

ITEM
(5) As part of this report we are enclosing copy of a letter written by Earl B. Young of Combined Metals Reduction Company.

During the past 24 months the property has been examined by Dr. Alfred L. Anderson and Dan W. Butner of U. S. Bureau of Mines, from Albany, Oregon.

Subject: Development of Snoose Mine

Date: December 15, 1950

To: Dr. James W. Boyd, Dept. Administrator
Defense Minerals Administration
Dept. of Interior
Washington, D. C.

From: A. M. Jensen

The Snoose Mine is located in Blaine County in the Mineral Hill Mining District two and one-half miles south-west of Hailey, Idaho, which is the shipping point for the district. A good auto road leads to the mine. There are fourteen claims in the group, four of which were located by L. A. Dithmer in 1881, and held by him until the time of his death a few years ago, when they were turned over to his heirs. We are purchasing these claims from the heirs for $30,000.00 to be paid on a royalty basis at 10% of the net smelter returns from ore shipments. Five of the other claims were located by the Company, and five were purchased for 90,000 shares of Snoose Mine T reasury Stock at 25¢ per share par value.

Other outstanding obligations of this company are an R.F.C. Loan in the amount of $11,765.00 including interest to date, which may be paid from shipments and $23,411.30, including interest to date returnable at the rate of $1.00 per ton of ore shipped.

The claims are located three in width and five in length, paralleling the strike of the two veins, which is about one and one-half miles on the strike. They are in same formation as the Minnie Moore Mine one and one-half miles south-west, and in the same formation as the Triumph Mine which had a large production record at depth. The veins are well mineralized, as may be seen in several places from cuts and shallow drifts along the strike, and also in the Reed Tunnel which was driven some fifty years ago. A small tonnage of high grade silver-lead ore was shipped from these places in early days. Locations of the old workings can be seen on the enclosing surface map. Records of early shipments are not available, although from the grade of ore left unmined the early shipments must have been of excellent grade.

The Reed Tunnel or No. 1 Tunnel as shown on enclosed map, was driven as a cross cut for 100 feet, crossing the vein. At this point the vein is 8 feet wide. From this point the tunnel was driven on and off the vein for 500 feet, showing ore in several places along the tunnel.

No. 2 Tunnel was started down the slope 100 feet vertical below No. 1 and was also driven as a cross cut for 125 feet and then driven on the vein for an additional 500 feet, showing a well mineralized vein for the entire distance.

No. 3 Tunnel was started at the shaft collar which is 100 feet vertically below No. 2 Tunnel. This tunnel was started on the vein from the surface and has been driven on the vein for 600 feet. This also shows a well mineralized vein for the entire distance.

In making our forecast of measured ore and grade, we are taking a composite of several samples together with the average of several carload shipments from No. 2 and No. 3 Tunnels, and projecting the width and grade up and down the dip of the vein for 25 feet.

The Snoose shaft was sunk to the 100 foot level and a cross cut run 25 feet to the "A" vein. (see map of Snoose Mine and Section "A".) Three hundred feet of drifting was done on this "A" vein in ore from 2 to 16 feet in width, and then a cross cut was driven to the "B" vein, which shows 90 feet of ore that will average 10 feet in width. The values on and below the level were much higher than they were in the stoping above, where they lost their values quite rapidly; consequently the stoping did not exceed 20 to 25 feet above the level.

In making our forecast of indicated ore from the Snoose shaft, and proposed development, we are taking the two veins and their known ore shoot lengths, and assays from railroad carloads of ore shipped from under the track on the 100 foot level from these ore shoots, and projecting them down the dip to the 200 foot level. This probable tonnage and cost of development and mining is shown on the sheet enclosed herewith. Projecting this further from the 200 to the 400 foot level and the intersection of the lime bed we refer to as inferred ore. (see section "A".) Figures showing indicated and inferred ore tonnages, together with development and equipment costs are on separate sheets accompanying this report.

The Snoose "A" vein is a well defined vein and can be traced for long distances on the surface where it is not covered by erosion or overburden, which is quite thick in this section. The vein is a contact vein, the hanging wall side being a limy calcareous shale, and footwall a black carboniferous argillite of hard coarse bedded structure, showing about 5% iron in the seams and spotted throughout the rock. When this rock is broken fresh from underground and exposed to the air it immediately turns a deep blue or green color. When sinking the shaft from the 100 to the 200 foot level we encountered three quartz stringers or veins, striking S 35 W and dipping 45 degrees to the southeast. The largest of these was immediately above the 200 and was a strong vein of quartz and iron 3 feet wide. We have no assays on this rock. Some work should eventually be done on these and other veins with similar strikes coming in from the Croesus Mine. There are also many other excellent showings to be explored and developed both southwest and northwest on our main veins at a later date.

The Snoose Mine was examined by Dr. Alfred L. Anderson and Dan W. Butner of the Bureau of Mines during the summer of 1949. As I understand it, their bulletin is in the process of being printed at the present time, and could be had for reference at an early date.

I have been actively engaged in mining in this and other mining districts for the past 35 years. I started mining for the Knight Investment Co. of Provo, Utah. I was Superintendent of their properties in Rico, Colorado; the Rico Wellington and the Rico Argentine from 1915 to 1918,

SCHERER, MOORE & RIFE
PUBLIC ACCOUNTANTS - BOISE, IDAHO

when I was transferred to Eureka, Utah, where I was in charge of the Iron Dragon from 1918 to 1923. At this time I left the Knight Co. and went to work for the Combined Metals Reduction Co. in Pioche, Nevada, as Superintendent from 1923 to 1927. In 1927 I came to Hailey, taking charge as General Superintendent of the Triumph Mine from 1927 to 1945, where I obtained an excellent production from veins in the same formation as the Snoose. I have every reason to believe that with development, the Snoose Mine may become another large producer in this district.

Respectfully submitted,

A. M. Jensen

A. M. Jensen
President & Manager
Snoose Mining Company

COMBINED METALS REDUCTION CO.

INTER-OFFICE CORRESPONDENCE

Subject Geological Resume of the Hailey Mining Area

Date June 7, 1948

To E. H. Snyder

From Earl B. Young

Dear Mr. Snyder;

Hailey, the county seat of Blaine County, Idaho, is the center of a mining area which has been for many years of much geologic and scenic interest and of economic importance. Beginning about 1880, prospecting rapidly discovered many rich deposits of silver and lead, and production mounted into millions of dollars. By 1883 four smelting plants, with a daily output of 50 tons of bullion were operating on ore containing from 50 to 80 percent lead and 100 to 200 ounces of silver per ton. Flush production passed in a few years and many prospects were abandoned. However mining and prospecting has been continued and the list of mines which have passed the million dollar production record includes the Minnie Moore, Idahoan, Red Elephant, Bullion, Mayflower, Elkhorn, North Star, Independence and Triumph. In addition, there are a score or more of mines with notable records, among which may be named the Parker, Jay Gould, Eureka, Croesus, Climax, Red Cloud, May Aug, War Eagle and Democrat.

Bulletin 814 of the U. S. Geological survey, 1930, contains a large number of maps and a great mass of information regarding this area. Frequent reference to this bulletin has been made in the writing of this brief summary; and I have used it frequently to suppliment my detailed studies in several of the mines during the past nearly twenty years.

GEOLOGY

The important sedimentary rocks of the Hailey area have been designated as (1) the Wood River Formation, of Pennsylvanian age and some 8,000 feet thick and (2) the Milligen Formation immediately below and classed as Mississippian, some 3,000 feet thick. A thick bed of quartzitic conglomerate at the base of the Wood River is one of the few helpful marker beds in the area. The Wood River formation consists mainly of calcareous and quartzitic sandstone. The Milligen formation is largely carbonaceous argillite with occasional beds of quartzite, limestone and dolomitic limestone. The Independence, North Star, Triumph, Minnie Moore and Snoose Mines are all located in this formation.

Igneous rocks are present in the area both as intrusives and as extrusives. The extrusives have no immediate importance except to cover the sediments in some interesting areas. The instrusives immediately west of the Snoose and south of the Minnie Moore are probably part of the great Idaho batholith, although east of the southern part of the main mass. At the Minnie Moore metamorphism of the sediments, due to the intrusive, extended for hundreds of feet. Dikes and sills occur in the Minnie Moore and in the Triumph - North Star mines in such structural relations with the ore bodies as to suggest genetic connection.

Structurally, the area is characterized by extensive folding, thrust faulting and normal faulting, all with northwest trend; also by much northeast faulting. The faulting has had a marked effect in localizing ore bodies and in developing the present day topography and drainage. In the area near Hailey and the Snoose mine the structure is especially interesting. D. F. Hewett, of the U. S. Geological Survey, has pointed out that at one time there was a great anticlinal arch of the Carboniferous rocks with an axis approximately parallel to the Wood River. Northwest trending faults on both sides of the river, broke this arch so that the crest dropped from 2200 to 3200 feet. As a part of this broken anticline, the Snoose property, on the southwestern limb, show beds dipping southwesterly which are cut by northwest-trending faults and fissures. The detail is shown on several of the maps submitted by Mr. Jensen.

MINERALIZATION

Early day mining was concerned with the production of high grade silver-lead ores. In more recent years complex ores containing lead and zinc sulphides with some silver and gold have formed the bulk of the production. The ores occur principally in two ways (1) as fissure filling and replacement and (2) as replacement in the calcareous beds of the Milligen formation. The Triumph Mine had a replacement ore body in one of these beds that was 1100 feet in length and 45 feet thick with Ag - 8 ozs., Pb - 8%, Zn - 16%. Similar replacements can be expected in other places in the district. Many of the early mines were shallow and a belief grew that commercial ore would not be found in depth. The developments, during the past few years in the Triumph mine, have changed this conception.

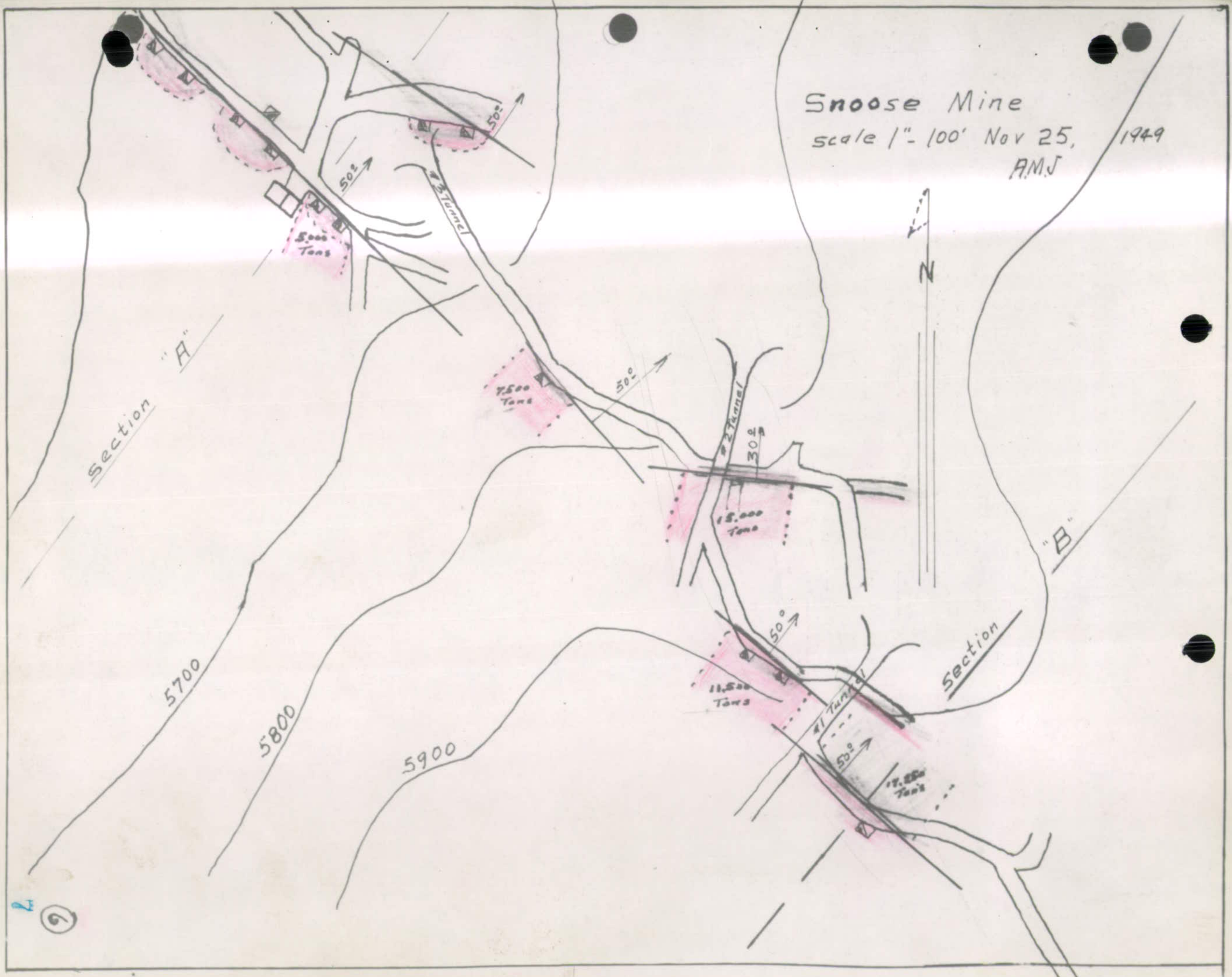
THE SNOOSE MINE

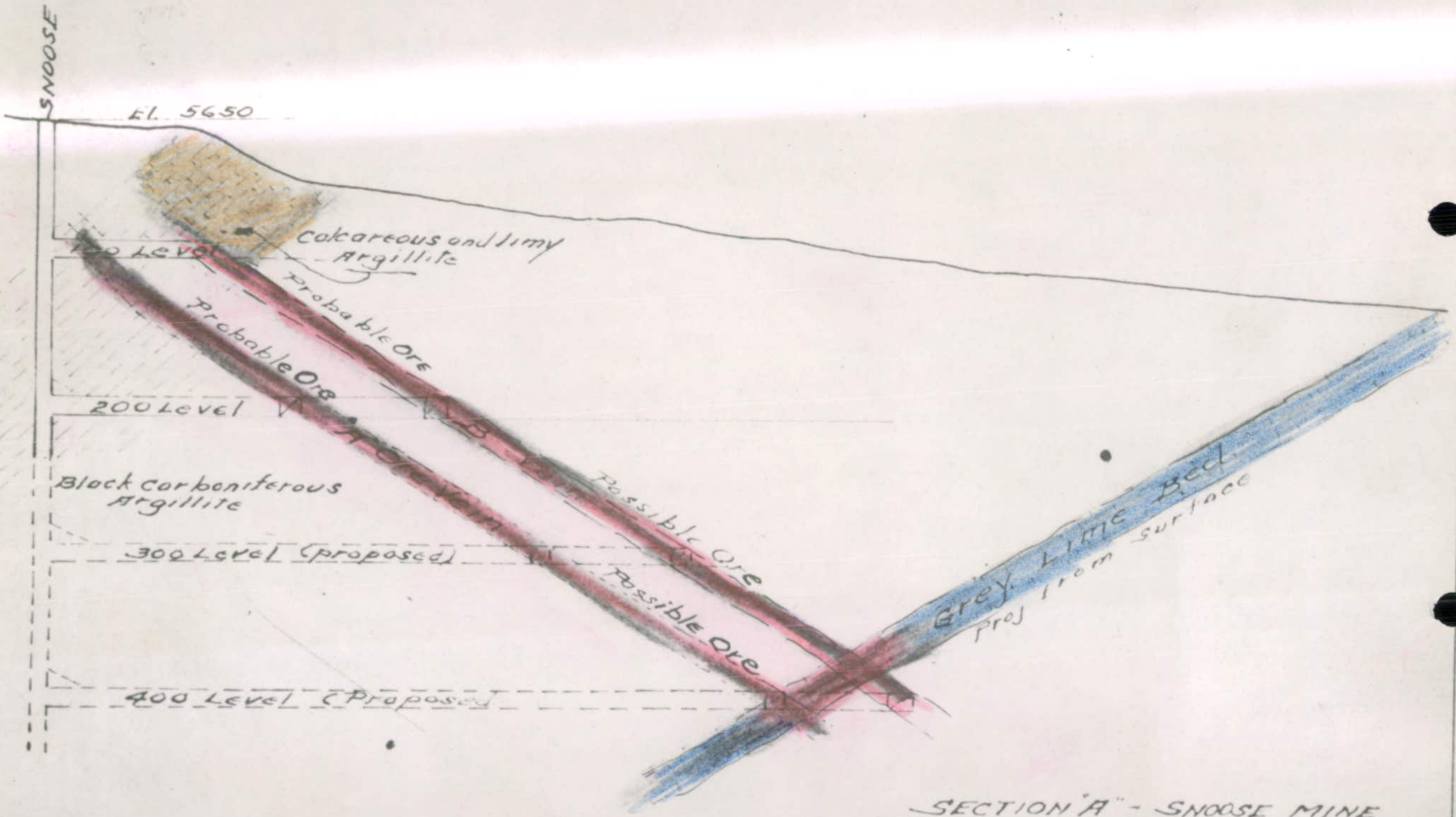
After many years of quiet, the property in Colorado Gulch has been reopened and rechristened the Snoose Mine. Many features commend it. Its rocks are a part of the productive Milligen formation. Calcareous beds, which could be excellent host rocks for ore, are found in several places in the mine and on the surface. Fissures from which ore has been shipped by the present management at the Snoose Shaft and by the old timers at the Reed Tunnel are strong and conform to the general structure of the area. Railroad, power, housing facilities at Hailey (only two and one-half miles distant) and access to the labor supply of the Wood River Valley - all provide easy answers to many of the management problems. Mr. Jensen has prepared a detailed program of exploration, development and mining, based on known geological conditions, which portrays the attractiveness of his project.

Respectfully submitted,

Earl W. Young

SNOOSE MINE
REED TUNNEL


Snoose Mine
scale 1" = 100' Nov 25, 1949
A.M.J
N
Section "A"
Section "B"
5700
5800
5900
#3 Tunnel
#2 Tunnel
#1 Tunnel
50°
30°
5,000 Tons
7,500 Tons
15,000 Tons
11,500 Tons
17,500 Tons

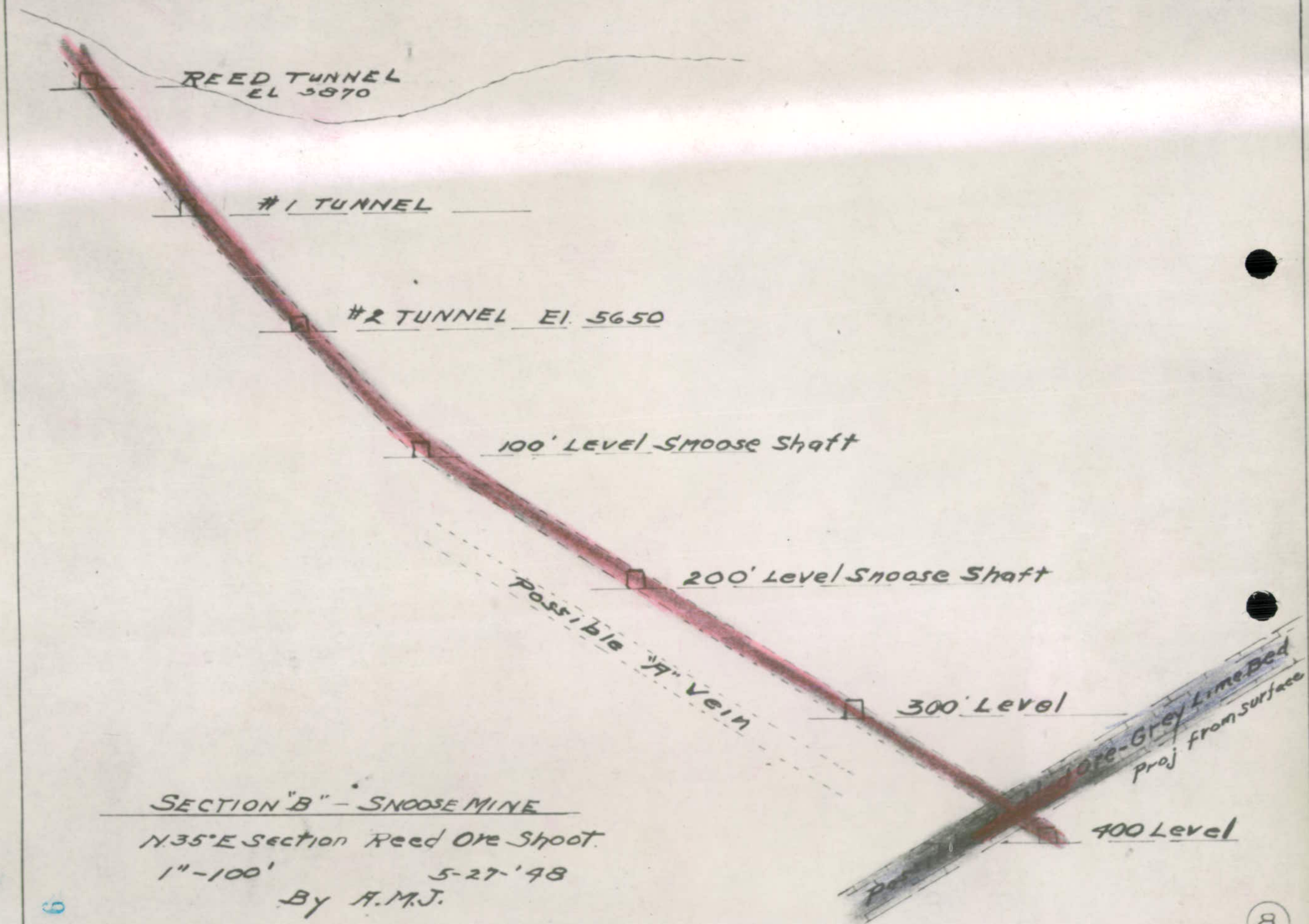


SECTION "A" - SNOOSE MINE

N.35°E. Section Snoose Ore Shoot

1" - 100' 5-27-48

By A.M.J.

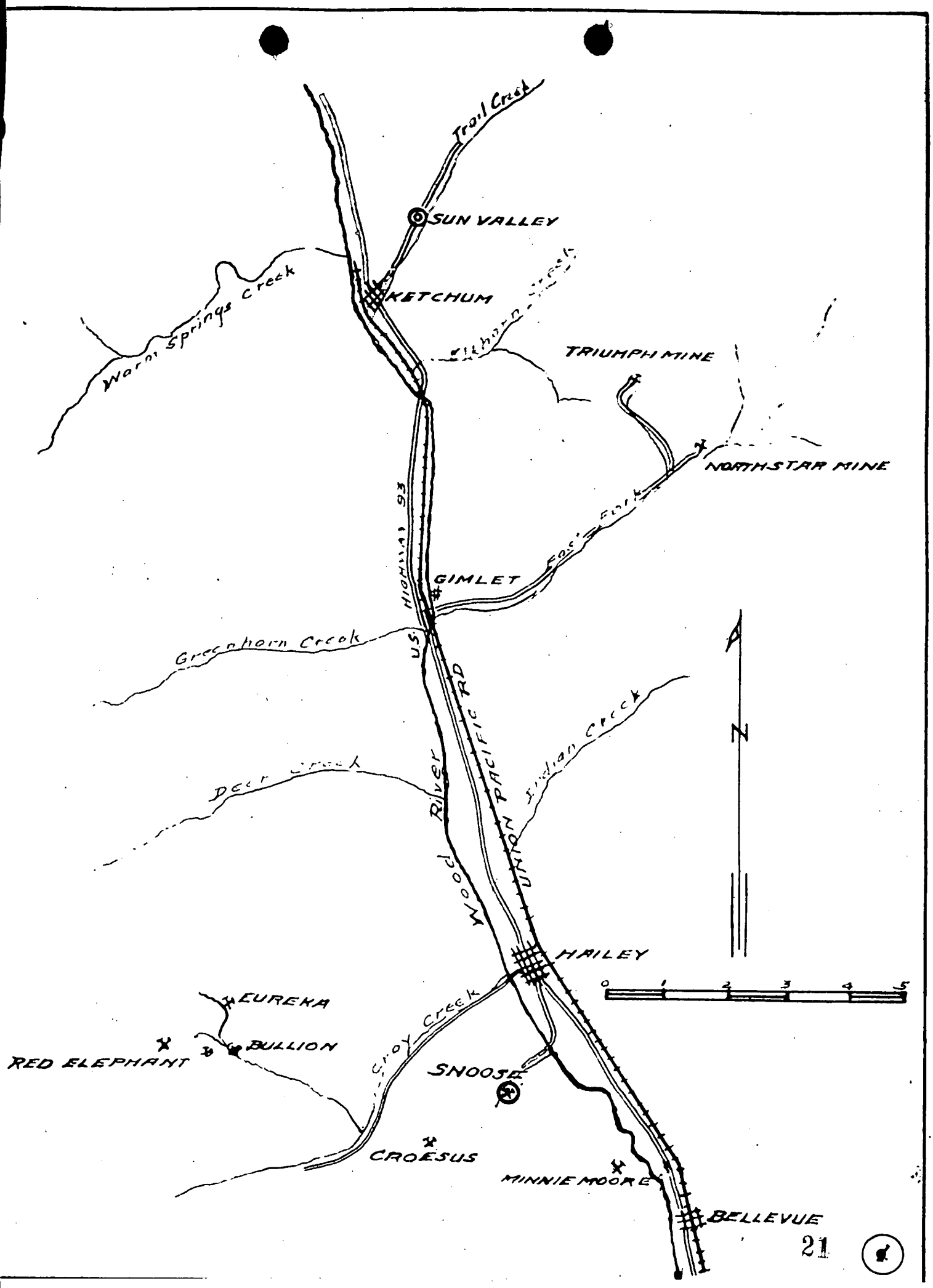


SECTION "B" - SNOOSE MINE

N.35°E Section Reed Ore Shoot

1"-100' 5-27-'48

By A.M.J.


Trail Creek
SUN VALLEY
KETCHUM
Warm Springs Creek
Elkhorn Creek
TRIUMPH MINE
NORTHSTAR MINE
Fox's Fork
HIGHWAY 93
GIMLET
U.S.
Greenhorn Creek
Deer Creek
Wood River
UNION PACIFIC RD
Indian Creek
N
HAILEY
0 1 2 3 4 5
EUREKA
BULLION
RED ELEPHANT
Croy Creek
SNOOSE
CROESUS
MINNIE MOORE
BELLEVUE

8/8/45

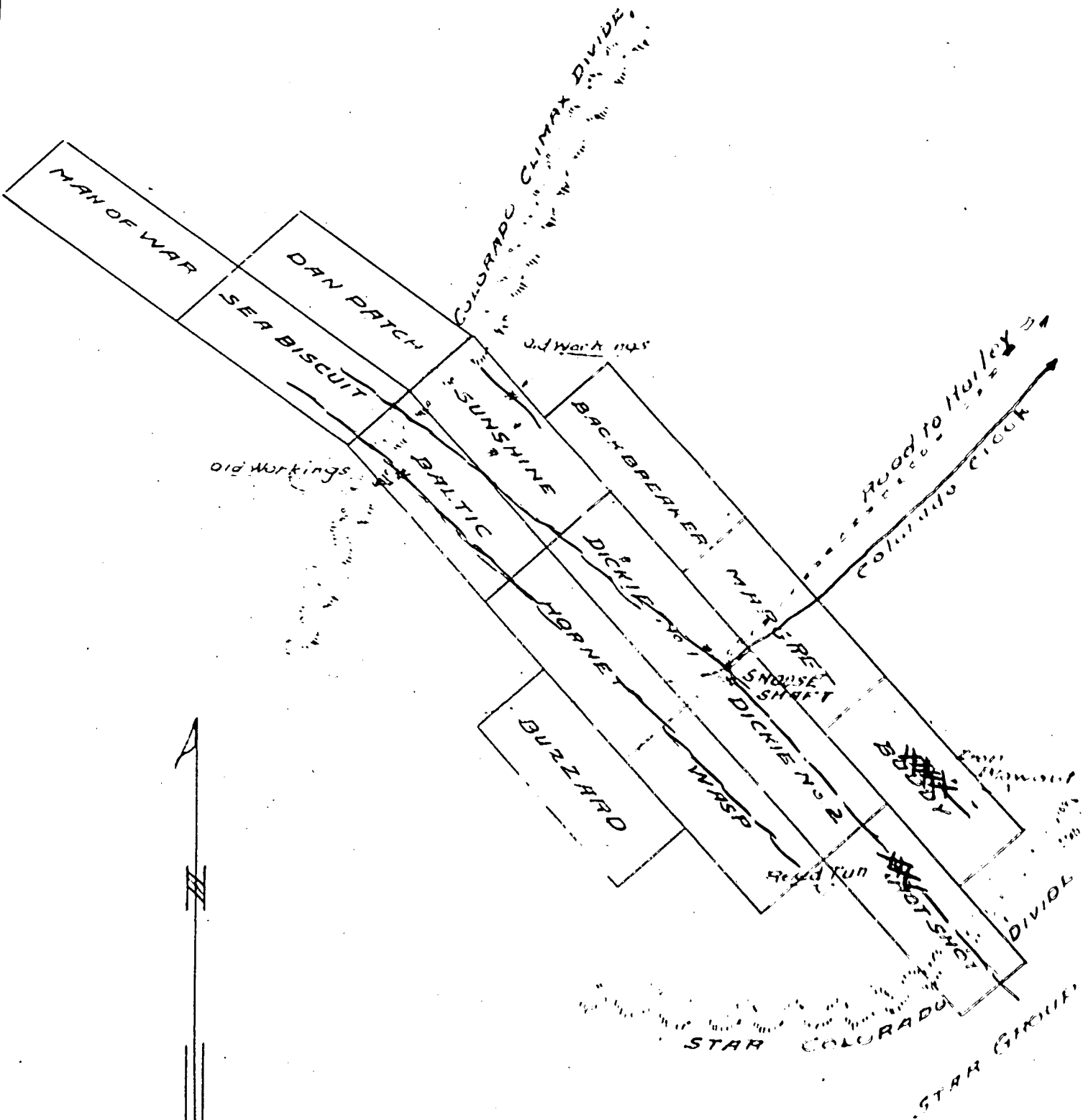
MADE BY CEJ.

TRACED BY

CHECKED BY

SCALE 1" = 1000'

SNOOSE GROUP
JENSEN-STEVENS GROUP
Replotted from Sketch of Clio ms



(4)

EXPLANATION

SEDIMENTARY ROCKS

Quaternary

Recent

Alluvium
(Water-laid deposits on valley bottoms)

Devonian(?) and Carboniferous

Pennsylvanian

Wood River Formation
(Principally dark-colored impure limestone and calcareous quartzite; some shale and conglomerate; conglomerate near base.)

Devonian(?) and Mississippian

Milligan Formation
(Principally black argillite and interbedded limestone and quartzite.)

VOLCANIC ROCKS

Tertiary

Miocene(?)

Latite and hornblende andesite
(Lava flows)

Augite, andesite, and basalt
(lava flows)

INTRUSIVE ROCKS

Dikes
p Pegmatites
l Lamphrophyre
a Andesite and more silicic dikes

Probably Cretaceous

Granite (granodiorite)
(Light-colored rock composed essentially of quartz, microcline, andesins and biotate)

Soda granite
(Nearly white rock composed essentially of quartz, microcline, and sodic(?) plagioclase)

Quartz Minzonite
(Light-gray rock composed essentially of quartz, oligoclase, microcline & biotite

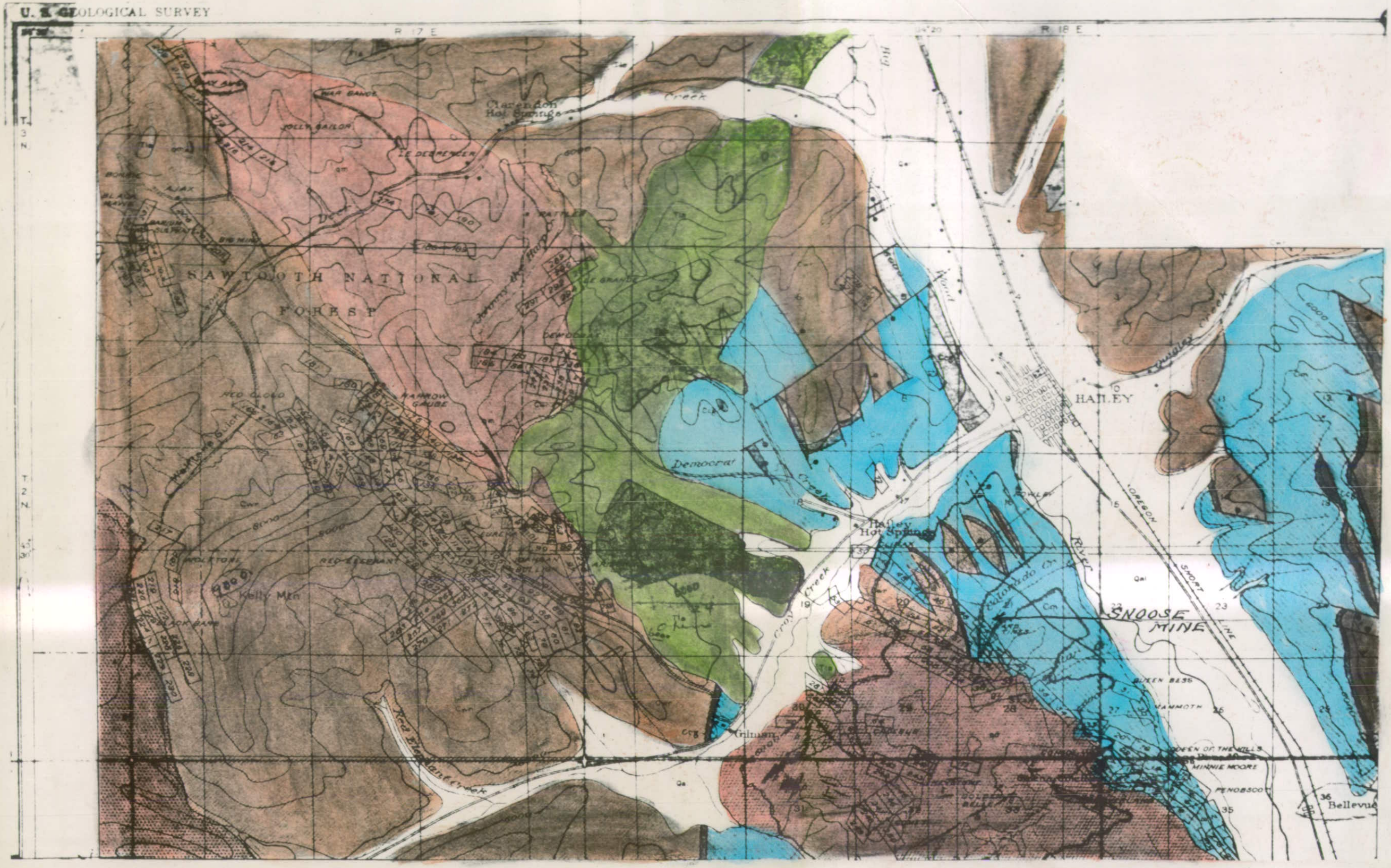
Quartz diorite
(Gray granular rock composed of labradorite, quartz, biotite, etc.)

Fault
Dotted where concealed
Downthrown side shown by black dot

Dip and strike

SCHERER, MOORE & RIFE
PUBLIC ACCOUNTANTS - BOISE, IDAHO

BACKBREAKER
MARGARET
BUDDY
Road to Hailey
SUNSHINE
DICKIE No. 1
SNOOSE SHAFT
DICKIE No 2
Reed Tunnel
HOT SHOT
BALTIC
HORNET
WASP
BUZZARD
Wood River Formation ?
cherty shales-buff, grey, brown
Black Arg Lm
Limestone
Black Lms
Arg + Lms
Gossan
Float
Covered
6500
6400
6300
6200
6100
6000
5900
5800
5700
SURFACE MAP - SNOOSE MINE
BLAINE COUNTY - IDAHO
1" - 200'
Assay Order - Au - Ag - Pb - Zn.
Brunton-Altimeter Survey


R 17 E
R 18 E
T 3 N
T 2 N
Clarendon Hot Springs
Creek
Fork
Wood
Deer
SAWTOOTH NATIONAL FOREST
HAILEY
Squaw Creek
Democrat
Hailey Hot Springs
Croy Creek
Colorado Cr.
River
SNOOSE MINE
Kelly Mtn
Red Elephant Creek
Gilmore
Bellevue
OREGON SHORT LINE
QUEEN BESS
MAMMOTH
QUEEN OF THE HILLS
MINNIE MOORE
PENOBSCOT

E-120

For Schedule of Collections No. DMA-145, dated June 15, 1954, giving royalty repayment of $247.67, see E-63.

Government's Copy

DISPOSAL OF GOVERNMENT'S INTEREST IN PROPERTY

(FORM A)

1/ To: Snoose Mining Company

423 First National Bank Building

Boise, Idaho

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 120, Docket No. DMEA 211, dated August 21, 1951 ~~(which is listed below.)~~ 2/

Dated May 14, 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.

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. 1166

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

Voucher prepared at Spokane 5/14/54
(Give place and date)

THE UNITED STATES, Dr., Payee's Account No. Idm-E120

To Snoose Mining Company
(Payee)

Hailey, Idaho
(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.
	October 1953	Balance of October MF-104 withheld				787.	48
PAYMENT: Complete ☐ Partial ☐ Final ☐	November and December 1953	As per attached November MF-104 Less Dec. 1953 credit, as per audit report dated 4/28/54. FINAL PAYMENT				649.	97
		Use continuation sheet(s) if necessary					

Shipped from to Weight Government B/L No. Total ~~1,437.45~~

(Payee must NOT use this space)

Differences .....

Account verified; correct for .....

(Signature or initials) R. J. Hindman

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	Revolving Fund, Defense Minerals Production Act, Interior	$1,437.45	$1,437.4

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

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. 1166

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

Voucher prepared at Spokane 5/14/54
(Give place and date)

THE UNITED STATES, Dr., Payee's Account No. Idm-E120

To Snoose Mining Company
(Payee)

Hailey, Idaho
(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.
	October 1953	Balance of October MF-104 withheld				787.	48
PAYMENT: Complete ☐ Partial ☐ Final ☐	November and December 1953	As per attached November MF-104 Less Dec. 1953 credit, as per audit report dated 4/28/54.				649.	97
		FINAL PAYMENT					

Use continuation sheet(s) if necessary

Shipped from to Weight Government B/L No. Total 1,437.45

(Payee must NOT use this space)

Differences .....

Account verified; correct for .....

(Signature or initials) R. J. Hindman

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	Revolving Fund, Defense Minerals Production Act, Interior	$1,437.45	$1,437.45

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

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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)

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

Month of December 1953 Docket No. DMEA 211 Contract No. Idm - 320
Operator's Name SNOOSE MINING COMPANY Minerals Lead and Zinc
Address HAILEY, IDAHO
Contract Amount, $ 135,000.00 Government Participation: 50 % Amount, $ 67,500.00

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		5,274.20	5,274.20			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	428.65	51,017.22	51,444.07			
Supervision	72.30	10,371.15	10,443.45			
Technical Services		850.00	850.00			
(3) Operating Mat'ls. and Supplies:						
Timber		8,553.81	8,553.81			
Explosives		3,543.35	3,543.35			
Pipe		1,192.03	1,192.03			
Track		1,170.11	1,170.11			
Power	32.00	6,192.36	6,224.36			
Other	3.00	3,751.97	3,754.97			
(4) Operating Equipment:						
Rental						
Purchase		4,630.80	4,630.80			
Depreciation	55.45	6,974.60	7,030.05			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment		2,510.54	2,510.54			
Sampling and Analysis		202.63	202.63			
Payroll Taxes	2.62	848.02	850.64			
Liability Insurance	2.50	1,054.52	1,057.00			
Workmen's Comp. Ins.	41.45	3,332.30	3,373.75			
Other - See Schedule	120.00	3,834.64	3,954.64			
(8) Contingencies (specify): Rehabilitation after Fire		2,400.00	2,400.00			
~~Credit for Jointly-owned Equipment-See Schedule~~	~~2,225.00~~		~~2,225.00~~			
TOTALS	1,468.17	117,191.15	115,722.98	1592.00	116,942.41	115,350.27

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 12/15/53 *Payee SNOOSE MINING COMPANY
Per L. W. Moore Title For President

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

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

(Instructions on reverse)

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

Credit applied to month F/104

Signature
(Authorized Certifying Officer)
Date 5/14/54 Vou. No. 1166
(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. E/200 in accordance with the terms of the contract.

Signature /S/ John A. Bowsher Title Mining Eng Date Jan 5-54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen W. Zoldok Title Mining Eng Date May 17-1954

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of December 195 3 Docket No. DMEA 211 Contract No. Idm E-120

Operator's Name SNOOSE MINING COMPANY Minerals Lead and Zinc

Address HAILEY, IDAHO

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				67,912.42	1558	43.59	1880*	35.00
Crosscutting				19,250.42	351	54.84	150*	35.00
Raising				9,222.32	174	53.00	175	42.00
Shafts								
Winzes								
Drilling: Core				7,902.38	1000	79.02	1000	7,000.00
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Drilling Station				870.70				
Total Distributed Costs								Total Costs Authorized by Contract
Credit for Jointly-Owned Equipment - See Schedule		3,035.00		3,035.00				
Termination Expense		756.83		756.83				
Operating Equipment Purchased				4,650.50				
Initial Rehabilitation and Repairs				4,002.11				
New Buildings, Improvements, etc.				2,400.00				
				1,000.00				
Total Costs		1,468.17		115,722.98				

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 12-15-53 Operator SNOOSE MINING COMPANY

Per L. W. Moore Title For President

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

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

Period of December 1 through 4, 1953 Docket No. DMEA 211 Contract No. Idm - E120
Operator's Name SNOOSE MINING COMPANY Minerals Lead and Zinc
Address HAILEY, IDAHO
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

SCHEDULE OF USE ALLOWANCE ON COMPANY OWNED EQUIPMENT:

1 Mucking Machine	$ 33.33
2 Mine Cars	5.00
1 Ford Pickup	27.73
1 Pneumatic Saw	1.25
1 Hoist	99.19
1 Air Compressor	190.70
1 Motor Pump	7.93
1 Sump Pump	9.16
One Month	$374.29
4/27th of One Month-December	$ 55.45

Month of December, 1953 Docket No. DMEA 211 Contract No. Idm - E120
Operator's Name SNOOSE MINING COMPANY Minerals Lead and Zinc
Address HAILEY, IDAHO
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

SCHEDULE OF OTHER EXPENSE - ITEM F - OTHER

	Monthly Totals	Totals Previously Reported	Total To Date
Telephone	$ 20.00	$ 342.38	$ 362.38
Office Supplies		116.65	116.65
Bookkeeping	100.00	3,375.61	3,475.61
	$120.00	$3,834.64	$3,954.64

Month of December, 1953 Docket No. DMEA 211 Contract No. Idm 120
Operator's Name SNOOSE MINING COMPANY Minerals Lead and Zinc
Address HAILEY, IDAHO
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

SCHEDULE - JOINTLY OWNED EQUIPMENT SHOWING VALUATION, ACCEPTABLE TO SNOOSE MINING COMPANY, AT WHICH THEY ARE WILLING TO RETAIN FOR THEIR OWN ACCOUNT.

1 Hendy Hoist, complete with 35 H.P. Westinghouse Motor, 3 grid resistors, 1 manual controller, 200' of 3/4" cable on drum	$ 600.00
1 24" shaft sheave, 1 15/16" shaft	25.00
1 Safety Switch for hoist motor	25.00
3 Mine Cars - Used 19 cu. ft. 18" ga. w/roller bearings @$75.00	225.00
1 Mine Car - Used 19 cu. ft. 18" ga.	50.00
1 Ingersoll Rand #2RVH-15 H.P. Motor Pump, Serial #05515006, with 220/440-3-60-3450 open motor	250.00
1 Joy Class S-91-3, 36" Steel Change Stoper (needs repairs)	300.00
1 RH 656 Atlas Rock Drill, Serial #448757, with attachments and hose set complete	200.00
1 JH-4 Aluminum Jack Rig with 48" Feed and D41564 mounting, 4 Jack bits	125.00
1 Joy Model I-19 Portable Axwane Blower powered with 3 H.P., 60 cycle, 220 volt A.C. motor	200.00
4 100 ft. lengths 12 Dupont Juto Ventube w/12 couplings	225.00
Net credit to be allowed to project	$2,225.00

The above values were arrived at after checking with local equipment house at Boise, Idaho. None of them were interested in purchasing at these prices.

Period of December 1 through 4, 1953 Docket No. DMEA 211 Contract No. Idm E120
Operator's Name SNOOSE MINING COMPANY
Address HAILEY, IDAHO Minerals Lead and Zinc

		2.		3.		4.					
	Total	Labor	Supervision	Power	Other	Operating Equipment Depreciated	Payroll Taxes	Liability Insurance	Compensation Insurance	Accounting	Telephone
Moore, Rife & Associates	$100.00	$	$	$	$	$	$	$	$	$100.00	$
Mountain States Tel. & Tel. Company	20.00										20.00
Idaho Power Company	32.60			32.60							
Hailey Texaco Service	3.00				3.00						
Use Allowance on Company Owned Equipment	55.45					55.45					
Payroll	661.85	426.85	235.00								
Payroll Taxes	2.62						2.62				
Unemployment Tax - Federal & State	2.56							2.62			
Workmen's Compensation Insurance	33.19								33.19		
	$911.27	$426.85	$235.00								
Less: Expenses Not Allowed	162.70		162.70								
	$748.57	$426.85	$ 72.30	$ 32.60	$ 3.00	$ 55.45	$ 2.62	$ 2.62	$ 33.19	$100.00	$ 20.00
Adjustment for Unclaimed Taxes	$ 8.26								$ 8.26		
	$756.83								$ 41.45		

Form NF-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

Month of November, 195 5 Docket No. DMEA 211 Contract No. Idm - 120

Operator's Name SNOOSE MINING COMPANY Minerals Lead and Zinc

Address HAILEY, IDAHO

Contract Amount, $ 155,000.00 Government Participation: 50 % Amount, $ 67,500.00

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		5,274.20	5,274.20			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	1,708.97	49,308.25	51,017.22			
Supervision	289.95	10,081.20	10,371.15			
Technical Services		550.00	550.00			
(3) Operating Mat'ls. and Supplies:						
Timber	41.74	8,512.07	8,553.81			
Explosives		3,545.35	3,545.35			
Pipe		1,192.95	1,192.95			
Track		1,170.11	1,170.11			
Power	205.46	5,986.90	6,192.36			
Other	91.70	3,640.27	3,731.97			
(4) Operating Equipment:						
Rental						
Purchase		4,650.80	4,650.80			
Depreciation	230.90	6,743.70	6,974.60			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	82.51	2,434.03	2,516.54			
Sampling and Analysis	8.64	193.99	202.63			
Payroll Taxes	10.93	837.09	848.02			
Liability Insurance	13.44	1,041.08	1,054.52			
Workmen's Comp. Ins.	134.70	3,197.51	3,332.30			
Other - See Schedule	74.03	3,760.61	3,834.64			
(8) Contingencies (specify): Rehabilitation After Fire		2,400.00	2,400.00			
TOTALS	~~2,893.06~~	~~114,298.09~~	~~117,191.15~~			

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

Date 12-10-53 *Payee SNOOSE MINING COMPANY

Per L. H. Moore Title For President

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

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

(Instructions on reverse)

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

2893.06 Gov. Chg.
1593.14 Dec Check
1299.92 Bal 649 97

$

Signature (Authorized Certifying Officer)

Date 5/14/54 Vou. No. 1166

(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. E/2 in accordance with the terms of the contract.

Signature /S/ John A. Bowsher Title Mining Engr Date 1/5/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen W. Zoldoh Title Mining Engr Date 3/19/54

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of November 195 3 Docket No. DMEA 211 Contract No. Idm E-120
Operator's Name SNOOSE MINING COMPANY Minerals Lead and Zinc
Address HAILEY, IDAHO

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		2,687.49	67	67,912.42	1558	45.59	1380*	35.00
Crosscutting				19,250.42	351	54.84	150*	35.00
Raising		225.57	5	9,222.32	174	53.00	175	42.00
Shafts								
Winzes								
Drilling: Core				7,902.38	1000	79.02	1000	7,900.00
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Drilling Station				870.70				
TOTAL DISTRIBUTED COSTS		2,895.06						TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased				4,630.80				
Initial Rehabilitation and Repairs				4,002.11				
New Buildings, Improvements, etc.				2,400.00				
				1,000.00				
TOTAL COSTS		2,895.06		117,191.15				

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 12-10-53 Operator SNOOSE MINING COMPANY

Per L. H. Moore Title For President

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

REMARKS:
* In addition 500 ft. authorized for drift and crosscutting/

(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

Month of November, 1953 Docket No. DMEA 211 Contract No. Idm - E120
Operator's Name SNOOSE MINING COMPANY Minerals Lead and zinc
Address HAILEY, IDAHO
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

PROGRESS REPORT FOR THE MONTH OF NOVEMBER 1953

Note: Reference is made to Map No. C-100

Total Footage Advance for Month

(1) 207 Drift 37 ft.
(2) 203 Rse. Area 20 ft. (two short drifts near top of raise)
(3) 204 Rse. Area 10 ft. drifting 5 ft. raising

Description

(1) 207 Drift 0-37 ft. advance was in broken fault zone showing little mineralisation.

(2) 203 Rse. Area 0-20 ft. advance was in mineralized limestone which exposed small pockets of medium-grade ore as indicated in DDH No. 3.

(3) 204 Rse. Area 0-15 ft. advance was along structure and mineralized hanging wall limestone. Apparently a small body of fair grade ore was exposed.

Comments

Balance of work done for month consisted of cleaning out 201 winze and cutting station. This was done in preparation to commence X-cutting to hangingwall structure from a lower level.

Month of November, 1953 Docket No. DMEA 211 Contract No. Idm - 120
Operator's Name SNOOSE MINING COMPANY Minerals Lead and Zinc
Address HAILEY, IDAHO
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

DISTRIBUTION OF MONTHLY CHARGES ON FORM MF104

	Total 100%	Drifting 56.88%	Raise 4.81%	Totals Drifting & Raise	Winze 38.31%
Labor	$2,770.26	$1,575.72	$133.25	$1,708.97	$1,061.29
Supervision	470.00	267.34	22.61	289.95	180.06
Timber	67.66	38.49	3.25	41.74	25.92
Power	333.05	189.44	16.02	205.46	127.59
Other	148.65	84.55	7.15	91.70	56.95
Operating Equipment Depreciated	374.29	212.90	18.00	230.90	143.39
Repairs to Equipment	133.76	76.08	6.43	82.51	51.24
Sampling and Analysis	14.00	7.96	.68	8.64	5.36
Payroll Taxes	17.72	10.08	.85	10.93	6.79
Liability Insurance	21.79	12.39	1.05	13.44	8.35
Compensation Insurance	218.50	124.28	10.51	134.79	83.71
Accounting	100.00	56.88	4.81	61.69	38.31
Telephone	20.00	11.38	.96	12.34	7.66
	$4,689.68	$2,667.49	$225.57	$2,893.06	$1,796.62

*See Separate Schedule on Allocation:

Drifting	910 hrs.	56.88
Raise	77 hrs.	4.81
Winze	613 hrs.	38.31
Total	1600 hrs.	100%

Month of November, 1953 Docket No. DMEA 211 Contract No. Idm - E120
Operator's Name SNOOSE MINING COMPANY Minerals Lead and Zinc
Address HAILEY, IDAHO
Contract Amount $155,000.00 Government Participation 50% Amount $67,500.00

SCHEDULE ON MAN HOURS WORKED

Payroll	Total Hours	Management	Drift	Raise Areas 2054204	Raise	Winze
November 15, 1953	768	Allocated on Daily Basis	448	520		- 0 -
November 30, 1953	832	104		192		536
	1600	104	448	512		536
		*(104)		27		77
	1600	- 0 -	448	539		613
			462	**(539)	77	
Hours on Classification	1600	- 0 -	910	- 0 -	77	613

* Allocation of Management Hours for second half of November to Raise Areas and Winze on Percentage Basis.

Raise Areas	192 hr.	26.37	27 hrs.
Winze	536 hr.	73.63	77 hrs.
	728 hr.	100%	104 hrs.

** Allocation of Raising and Drifting in Raise Areas based on footage.

Drift	30 ft.	85.72	462 hrs.
Raise	5 ft.	14.28	77 hrs.
	35 ft.	100%	539 hrs.

Month of November, 1953 Docket No. DMEA 211 Contract No. Idm - E120
Operator's Name SNOOSE MINING COMPANY Minerals Lead and Zinc
Address HAILEY, IDAHO
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

SCHEDULE OF USE ALLOWANCE ON COMPANY OWNED EQUIPMENT:

1	Mucking Machine	$ 35.33
2	Mine Cars	5.00
1	Ford Pickup	27.73
1	Pneumatic Saw	1.25
1	Hoist	99.19
1	Air Compressor	190.70
1	Motor Pump	7.93
1	Sump Pump	9.16
		$ 374.29

Month of November, 1953 Docket No. DMEA 211 Contract No. Idm - E120
Operator's Name SNOOSE MINING COMPANY Minerals Lead and Zinc
Address HAILEY, IDAHO
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

SCHEDULE OF OTHER EXPENSE - ITEM F - OTHER

	Monthly Totals	Totals Previously Reported	Totals To Date
Telephone	$ 12.34	$ 330.04	$ 342.38
Office Supplies		116.65	116.65
Bookkeeping	61.69	3,313.92	3,375.61
	$ 74.03	$3,760.61	$3,834.64

Month of November, 1953 Docket No. DMEA 211 Contract No. Idm E120
Operator's Name SNOOSE MINING COMPANY Minerals Lead and Zinc
Address

	Total	2. Labor	Supervision	3. Timber	Power	Other	4. Operating Equipment Depreciated	Repairs to Equipment	Sampling & Analysis	Payroll Taxes	Liability Insurance	Compensation Insurance	Accounting	Telephone	Amounts Excluded
Copco Pacific, Ltd.	$ 120.15	$	$	$	$	$120.15	$	$	$	$	$	$	$	$	$
Joy Manufacturing Company	48.47							48.47							
Moore, Rife & Associates	100.00												100.00		
Idaho Power Company	333.05				333.25										
Hailey Texaco Company	10.38					9.63		.75							
Mountain States Tel. and Tel. Company	33.29													20.00	13.29
Western Equipment Company	37.52							37.52							
Triumph Mining Company	14.00								14.00						
Sun Valley Stages (Western Equipment)	.62							.62							
" " " (McVey's)	.52							.52							
" " " "	.52							.52							
Intermountain Equipment	29.74							29.74							
Sawtooth Motor	34.49					18.87		15.62							
Board Bros. Lumber Co.	67.66			67.66											
Use Allowance on Company Owned Equipment	374.29						374.29								
Payroll	3,532.76	2,770.26	762.50												
Payroll Taxes	17.72									17.72					
Unemployment Tax - Federal and State	21.79										21.79				
Workmen's Compensation Insurance	218.50											218.50			
	$4,995.47	$2,770.26	$762.50	$67.66	$333.05	$148.65	$374.29	$133.76	$14.00	$17.72	$21.79	$218.50	$100.00	$20.00	$13.29
Less: Expenses Not Allowed	305.79		292.50												13.29
	$4,689.68	$2,770.26	$470.00	$67.66	$333.05	$148.65	$374.29	$133.76	$14.00	$17.72	$21.79	$218.50	$100.00	$20.00	$ .00

This contract has been completed. A partial payment has been made and the balance is being held up pending final audit and reports.

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 October 195 3 Docket No. DMEA 211 Contract No. Idm E-120

Operator's Name SNOOSE MINING COMPANY Minerals Lead and Zinc

Address HAILEY, IDAHO

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting	ft.	5,627.66	138	65,244.93	1491	43.76	138*	35.00
Crosscutting	ft.			19,250.42	351	54.84	150*	35.00
Raising				8,996.75	174	51.71	175	42.00
Shafts								
Winzes								
Drilling: Core				7,902.38	1000	79.02	1000	7,900.00
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Drilling Station				870.70				1,000.00
Total Distributed Costs		5,627.66		102,265.18				Total Costs Authorized by Contract
Operating Equipment Purchased				4,630.80				
Initial Rehabilitation and Repairs				4,002.11				
New Buildings, Improvements, etc.				2,400.00				
				1,000.00				
Total Costs		5,627.66		114,298.09				

1-19-54

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 11-24-53 Operator SNOOSE MINING COMPANY

Per L. W. Moore Title For President

Remarks: * In addition 500 feet authorized for drift and for crosscutting.

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

Month of October, 1953 Docket No. DMEA 211 Contract No. Idm 120
Operator's Name SNOOSE MINING COMPANY Minerals Lead and Zinc
Address HAILEY, IDAHO
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

REVISED DRIFT, X-CUT AND RAISE TOTALS OF WORK DONE WITH DMEA PARTICIPATION AS OF OCTOBER 1, 1953.

Drifting	X-Cutting	Raising	Diamond Drilling
1353	351	174	1000 ft.

Month of October, 1953 Docket No. DMEA 211 Contract No. Idm-120
OPERATOR'S NAME SNOOSE MINING COMPANY Minerals Lead & Zinc
Address HAILEY, IDAHO
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

PROGRESS REPORT FOR THE PERIOD ENDING OCTOBER 31, 1953

Note: Reference is made to Map C-100

Footage Advance

Heading	Total advance for month	Total to date
207 NW Drift	138 ft.	470 ft.

Description

207 Drift 0-78 ft. advance was in fault zone containing argillite and limestone shear. Little mineralization was present.

78-118 ft. advance was in broken limestone and numerous Bull Quartz blowouts.

118-138 ft. advance was in fault zone showing very little mineralization.

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Defense Minerals Exploration Administration
RECEIVED
MAY 20 1954

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of October 1953 Docket No. DMEA _____ Contract No. Idm - 120

Operator's Name SNOOSE MINING COMPANY Minerals Lead and Zinc

Address HAILEY, IDAHO

Contract Amount, $ 135,000.00 Government Participation: 50 % Amount, $ 67,500.00

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		5,274.20	5,274.20			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	2,934.24	46,574.01	49,508.25			
Supervision	470.00	9,611.20	10,081.20			
Technical Services		550.00	550.00			
(3) Operating Mat'ls. and Supplies:						
Timber	545.93	7,966.14	8,512.07			
Explosives	242.90	5,300.45	5,543.35			
Pipe		1,192.93	1,192.93			
* Track	64.40	1,105.71	1,170.11	63.12	1105.71	1168.83
Power	289.60	5,697.30	5,986.90			
** Other	127.74	3,512.53	3,640.27	113.10	3479.53	3592.63
(4) Operating Equipment:						
Rental						
Purchase		4,630.80	4,630.80			
Depreciation	374.29	6,369.41	6,743.70			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
** Repairs to Equipment	166.77	2,267.26	2,434.03	129.99	2119.03	2249.02
Sampling and Analysis	9.00	184.99	193.99			
Payroll Taxes	28.04	809.05	837.09			
Liability Insurance	25.13	1,015.95	1,041.08			
Workmen's Comp. Ins.	231.62	2,965.89	3,197.51	231.62	2956.08	3187.70
Other - See Schedule	120.00	3,640.61	3,760.61			
(8) Contingencies (specify):						
Rehabilitation after fire		2,400.00	2,400.00			
TOTALS	5,627.66	108,670.43	114,298.09	557.96	108,479.39	114,054.35

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

Date 11-23-53 *Payee SNOOSE MINING COMPANY

Per L. W. Moore Title For President

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

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

(Instructions on reverse)

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

2787.48 approved for payment
787.48 $ don't will pay
2000.00 Paid 1/6/54

Signature _____ (Authorized Certifying Officer)

Date 1/6/54 Vou. No. 1035

(See other side)

Partial payment made 1/6/54. * Discounts taken but not shown.
** Delivery of gas oil & repairs to unauthorized vehicles.

(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. E120 in accordance with the terms of the contract.

Signature /S/ John A. Bowsher Title Mining Eng Date 1/5/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen W. Zoldok Title Mining Eng Date Jan 5/1954

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

Budget Bureau Approval

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

MAY 20 1954

Month of October 1953 Docket No. DMEA 211 Contract No. Idm E-120
Operator's Name SNOOSE MINING COMPANY Minerals Lead and Zinc
Address HAILEY, IDAHO

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	ft.	5,627.66	158	65,244.95	1491	43.76	158*	35.00
Crosscutting	ft.			19,250.42	351	54.84	150*	35.00
Raising				8,996.75	174	51.71	175	42.00
Shafts								
Winzes								
Drilling: Core				7,902.38	1000	79.02	1000	7,900.00
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Drilling Station				970.70				1,000.00
TOTAL DISTRIBUTED COSTS		5,627.66		102,265.18				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased				4,650.80				
Initial Rehabilitation and Repairs				4,002.11				
New Buildings, Improvements, etc.				2,400.00				
				1,000.00				
TOTAL COSTS		5,627.66		114,298.09				

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 11-24-53 Operator SNOOSE MINING COMPANY

Per L. N. Moore Title For President

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

REMARKS: * In addition 500 feet authorized for drift and for crosscutting.

(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

Month of October, 1953 Docket No. DMEA 211 Contract No. [illegible]
OPERATOR'S NAME SNOOSE MINING COMPANY Minerals Lead & [illegible]
Address HAILEY, IDAHO
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

PROGRESS REPORT FOR THE PERIOD ENDING OCTOBER 31, 1953

Note: Reference is made to Map C-100

Footage Advance

Heading	Total advance for month	Total to date
207 NW Drift	138 ft.	470 ft.

Description

207 Drift 0-78 ft. advance was in fault zone containing argillite and limestone shear. Little mineralization was present.

78-118 ft. advance was in broken limestone and numerous Bull Quartz blowouts.

118-138 ft. advance was in fault zone showing very little mineralization.

Month of October, 1953 Docket No. DMEA 211 Contract No. Idm 120
Operator's Name SNOOSE MINING COMPANY Minerals Lead and Zinc
Address HAILEY, IDAHO
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

REVISED DRIFT, X-CUT AND RAISE TOTALS OF WORK DONE WITH DMEA PARTICIPATION AS OF OCTOBER 1, 1953.

Drifting	X-Cutting	Raising	Diamond Drilling
1353	351	174	1000 ft.

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

W M

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

Month of September 1953 Docket No. DMEA 211 Contract No. Idm - 120

Operator's Name SNOOSE MINING COMPANY Minerals Lead & Zinc

Address HAILEY, IDAHO

Contract Amount, $135,000.00 Government Participation: 50 % Amount, $67,500.00

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		5,274.20	5,274.20			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	2,839.16	43,534.85	46,374.01			
Supervision	470.00	9,141.20	9,611.20			
Technical Services		350.00	350.00			
(3) Operating Mat'ls. and Supplies:						
Timber	279.83	7,688.31	7,968.14			
Explosives	399.20	2,901.25	3,300.45			
Pipe		1,192.93	1,192.93			
Track		1,105.71	1,105.71			
Power	290.45	5,406.85	5,697.30			
* Other	148.77	3,354.04	3,512.53	125.49	3354.04	3479.53
(4) Operating Equipment:						
Rental						
Purchase		4,630.80	4,630.80			
Depreciation	374.29	5,995.12	6,369.41			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
** Repairs to Equipment	167.67	2,109.31	2,267.26	9.72	2109.31	2119.03
Sampling and Analysis		184.99	184.99			
Payroll Taxes	42.59	766.46	809.05			
Liability Insurance	33.16	982.79	1,015.95			
*** Workmen's Comp. Ins.	233.81	2,732.08	2,965.89	224.00	2732.08	2956.08
Other-See Schedule	120.00	3,520.61	3,640.61			
(8) Contingencies (specify): Rehabilitation after fire		2,400.00	2,400.00			
TOTALS	5,398.93	103,271.50	108,670.43	5207.89	103,271.50	108,479.39

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

Date 10-15-53 *Payee SNOOSE MINING COMPANY

Per L. H. Moore Title For President

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

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

(Instructions on reverse)

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

$2603 94

Signature [illegible]
(Authorized Certifying Officer)

Date 1/6/54 Vou. No. 1035
(See other side)

* Delivery of gas + lines to unauthorized vehicle. ** Employee unauthorized pusher leg for drill. *** Error in computation.

(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. E120 in accordance with the terms of the contract.

Signature /s/ John A. Bowsher Title Mining Eng. Date 10/27/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Thomas E. Howard Title Mining Eng. Date 10/29/53

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of September 1953 Docket No. DMEA 211 Contract No. Idm E-120

Operator's Name SNOOSE MINING COMPANY Minerals Lead & Zinc

Address HAILEY, IDAHO

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	Ft.	3,828.92	100	59,617.27	1,236.5	48.21	1380*	35.00
Crosscutting	Ft.	1,570.01	41	19,250.42	402	47.89	150*	35.00
Raising				8,996.75	173.5	51.85	175	42.00
Shafts								
Winzes								
Drilling: Core				7,902.38	961	82.23	1000	7,900.00
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Drilling Station				870.70				1,000.00
TOTAL DISTRIBUTED COSTS		5,398.93		96,637.52				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased				4,630.80				
Initial Rehabilitation and Repairs				4,002.11				
New Buildings, Improvements, etc				2,400.00				
				1,000.00				
TOTAL COSTS		5,398.93		108,670.43				

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 10-15-53 Operator SNOOSE MINING COMPANY

Per L. H. Moore Title For President

REMARKS:
*In addition 500 feet authorized for drift and/or cross cutting.

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

Month of September ,1953 Docket No. DMEA 211 Contract No. Idm-#120
OPERATOR'S NAME SNOOSE MINING COMPANY Minerals Lead & Zinc
Address HAILEY, IDAHO
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

PROGRESS REPORT FOR THE MONTH OF SEPTEMBER 1953

Note: Reference is made to Map No. C-100

Total Footage

(1) 207 Drift 100 ft.
(2) 203 Cross Cut. 35 ft.
(3) 204 " " 6 ft.
Total 141 ft.

Description

(1) 207 Drift 0-50 ft. advance was in fault zone consisting of broken limestone, gouge and low-grade mineralization.
50-60 ft. advance was in fault zone containing fair grade complex type of ore.
60-100 ft. advance was in fault zone consisting of broken argillite, limestone and low-grade mineralization.

Assays from drfit are as follows:

Tie*	Length of cut	Au	Ag	Pb	Zn
35	5'	Tr.	.5	.1	3.7
50	4'	.02	6.6	4.8	8.3
90	6.5'	.02	.8	.2	2.2

(2) 203 Cross cutting 0-25 ft.advance was in jointed gray limestone.
25-35 ft. advance was in fair grade complex type ore.

Assays are as follows:

Tie*	Length of cut	Au	Ag	Pb	Zn
25	4'	.01	4.0	2.6	5.3
Muck Pile		.02	2.0	2.0	5.7

(3) 204 Cross cutting 0-6 ft. advance was in fair grade complex type ore assaying as follows:

Tie*	Length of cut	Au	Ag	Pb	Zn
NW side of Cross Cut.	5'	.02	1.6	3.0	8.0
SE side of Cross Cut.	5'	.01	6.6	5.3	6.3

* Position of cut in reference to advance for month.

Month of September, 1953 Docket No. DMEA 211 Contract No. Idm E120
Operator's Name SNOOSE MINING COMPANY Minerals Lead & Zinc
Address HAILEY, IDAHO
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

DISTRIBUTION OF MONTHLY CHARGES ON FORM MF104

	Total	*Drifting	*Cross Cutting
Labor	$2,839.16	$2,013.53	$ 825.63
Supervision	470.00	333.32	136.68
Timber	279.83	198.46	81.37
Explosives	399.20	283.11	116.09
Power	290.45	205.99	84.46
Other	148.77	105.51	43.26
Operating Equipment Depreciated	374.29	265.45	108.84
Repairs to Equipment	167.67	118.91	48.76
Payroll Taxes	42.59	30.20	12.39
Liability Insurance	33.16	23.52	9.64
Compensation Insurance	233.81	165.82	67.99
Accounting	100.00	70.92	29.08
Telephone	20.00	14.18	5.82
	$5,398.93	$3,828.92	$1,570.01

*Allocated on footage advance on each classification:

	Footage	Percentage
Drifting	100	70.92
Cross-Cutting	41	29.08
	141	100%

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

Department of the Interior
Defense Minerals Administration
RECEIVED
SEP 20 1953

Month of August, 195 3 Docket No. DMEA 211 Contract No. Idm-120
Operator's Name SNOOSE MINING COMPANY Minerals Lead & Zinc
Address HAILEY, IDAHO
Contract Amount, $ 135,000.00 Government Participation: 50 % Amount, $ 67,500.00

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		5,274.20	5,274.20			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	2,808.84	40,726.01	43,534.85			
Supervision	450.00	8,691.20	9,141.20			
Technical Services		350.00	350.00			
(3) Operating Mat'ls. and Supplies:						
Timber	108.22	7,580.09	7,688.31			
Explosives	391.80	2,509.45	2,901.25			
Pipe	1.50	1,191.43	1,192.93			
Track	28.25	1,077.46	1,105.71			
Power	302.80	5,104.05	5,406.85			
Other	204.61	3,155.79	3,360.40	198.25	3155.79	3354.04
(4) Operating Equipment:						
Rental						
Purchase		4,630.80	4,630.80			
Depreciation	374.29	5,620.83	5,995.12			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	60.42	2,061.84	2,122.26	47.47	2061.84	2109.31
Sampling and Analysis		184.99	184.99			
Payroll Taxes	48.88	717.58	766.46			
Liability Insurance	52.49	930.30	982.79			
Workmen's Comp. Ins.	222.67	2,509.41	2,732.08			
Other-See Schedule	120.00	3,400.61	3,520.61			
(8) Contingencies (specify):						
Rehabilitation after fire		2,400.00	2,400.00			
TOTALS	5,174.77	98,116.04	103,290.81	5755.46	98116.04	103,271.50

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

Date 9-16-53 *Payee SNOOSE MINING COMPANY

Per L. H. Moore Title Fore President

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

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

(Instructions on reverse)

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

$ 2577 73

Signature
(Authorized Certifying Officer)

Date 9/23/53 Vou. No. 922
(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. E 120 in accordance with the terms of the contract.

Signature /s/ Verdo Z Johnson Title Mining Engr Date 9/21/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Thomas E Howard Title Mining Engr Date 9/22/53

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

Defense Minerals Administration
RECEIVED
SEP 20 1953

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 1953 Docket No. DMEA 211 Contract No. Ida 8-120
Operator's Name SUNSHINE MINING COMPANY Minerals Lead and Zinc
Address Kellogg, Idaho

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting	ft.	1,606.77	89	55,794.34	1130.5		1500*	35.00
Crosscutting	ft.	5,503.00	131	17,695.75	501		150*	35.00
Raising				6,595.75	178.5		175	42.00
Shafts								
Winzes				7,902.92	661			
Drilling: Core							1,000	7,000.00
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Drilling Station				670.70				1,000.00
Total Distributed Costs		5,174.77		91,257.80				Total Costs Authorized by Contract
Operating Equipment Purchased				4,050.00				
Initial Rehabilitation and Repairs				4,042.11				
New Buildings, Improvements, etc.				2,400.00				
				1,000.00				
Total Costs		5,174.77		103,250.91				

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

Date 9-10-53 Operator SUNSHINE MINING COMPANY

Per L. N. Moore Title For President

Remarks:
* In addition 500 feet authorized for drift and/or crosscutting.

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

Month of August, 1953 Docket No. DMEA 211 Contract No. Idm E-120
Operator's Name SNOOSE MINING COMPANY Minerals Lead and Zinc
Address Hailey, Idaho
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

PROGRESS REPORT FOR THE MONTH OF AUGUST, 1953

Note: Reference is made to map No. C-100

Total Drift & X-Cut Footage

(1)	207 Drift	27 Ft.
(2)	Intermediate Footwall Dr.	32 Ft.
(3)	201 X-Cut	131 Ft.
	Total	190 Ft.

Description

(1)	207 Drift	0-27 ft. advance was in broken fault zone. Low grade Pb and Zn mineralization was exposed. Samples were taken, however no returns are available to date.
(2)	Intermediate Footwall Dr.	0-32 ft. advance was in fault zone and broken argillite, DDH #5 was intersected and several very small H.G. veinlets and pockets of Pb and Zn were cut.
(3)	201 X-Cut	0-130 ft. advance was in a gray jointed limestone. Many cross brakes were cut showing some Pb and Zn mineralization. It may be noted that the strongest zone of mineralization as exposed in this X-Cut was directly below and not on a projected dip of the ore as drilled in DDH #5.

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

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 1953 Docket No. DMEA 211 Contract No. Idm E-120
Operator's Name SNOOSE MINING COMPANY Minerals Lead & Zinc
Address HAILEY, IDAHO
Contract Amount, $135,000.00 Government Participation: 50 % Amount, $67,500.00

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		5,274.20	5,274.20			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	2,750.98	38,102.53	40,853.51	2583.48		
Supervision	450.00	8,275.01	8,725.01	411.39		
Technical Services		350.00	350.00			
(3) Operating Mat'ls. and Supplies:						
Timber	120.57	7,469.48	7,590.05	119.61		
Explosives	251.26	2,280.48	2,531.74	228.97		
Pipe	1.00	1,180.82	1,181.82	1.61		
Track	.00	1,077.46	1,077.46	—		
Power	329.55	4,800.77	5,129.32	303.25		
Other	213.04	2,978.19	3,191.23	177.60		
(4) Operating Equipment:						
Rental						
Purchase	.00	4,630.00	4,630.00	—		
Depreciation	374.29	5,275.32	5,649.61	345.59		
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	44.07	2,021.52	2,065.59	40.32		
Sampling and Analysis	6.00	184.90	190.89	— 0 —		
Payroll Taxes	48.01	672.68	720.69	44.90		
Liability Insurance	67.12	868.34	935.46	61.96		
Workmen's Comp. Ins.	210.31	2,306.96	2,526.27	202.45		
Other-See Schedule	120.00	3,289.24	3,409.24	118.77		
(8) Contingencies (specify):						
Rehabilitation after Fire		2,400.00	2,400.00			
TOTALS	5,004.00	93,520.19	98,524.19	4595.85	93520.19	98,116.04

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 8-19-53 *Payee SNOOSE MINING COMPANY
Per L. H. Moore Title For President

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

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

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:
$ 2297 93
Signature [illegible] (Authorized Certifying Officer)
Date 8/31/53 Vou. No. 890
(See other side)

* Deletion of $30.22 for discounts shown & not taken plus unauthorized raising. See dist. sheet.

(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. E120 in accordance with the terms of the contract.

Signature /S/ Verde Z. Johnson Title Mining Engr. Date 8/25/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Thomas E. Howard Title Mining Engr. Date 8/25/53

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151
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 1953 Docket No. DMEA 211 Contract No. Idm E-120
Operator's Name SNOOSE MINING COMPANY Minerals Lead and Zinc
Address HAILEY, IDAHO

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	ft	4,625.85	138*	54,215.55	1,077.5		1580	35.00
Crosscutting	ft			14,125.75	250		150	35.00
Raising	ft	580.17	10*	9,576.92	185.5		175	42.00
Shafts								
Winzes				7,902.59	901			
Drilling: Core	ft						1000	7,000.00
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Drilling Station				870.70				1,000.00
TOTAL DISTRIBUTED COSTS		5,004.00		86,491.28				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased				4,650.80				
Initial Rehabilitation and Repairs				4,002.11				
New Buildings, Improvements, etc.				2,400.00				
				1,000.00				
TOTAL COSTS		5,004.00		98,524.19				

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 8-19-53 Operator SNOOSE MINING COMPANY

Per L. H. Moore Title For President

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

REMARKS:

(Instructions on reverse)

(For Government use only)

* See narrative

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

Month of July, 1953 Docket No. DMEA 811 Contract No. Idm E-120
Operator's Name SNOOSE MINING COMPANY Minerals Lead & Zinc
Address HAILEY, IDAHO
Contract Amount $135,000.00 Government Participation: 50% Amount $67,500.00

PROGRESS REPORT FOR MONTH OF JULY, 1953

Note: Reference is made to map No. A-101

Diamond Drill Footage

#6 Hole 34 ft.

Total Drift & Raise Footage

(1)	207 Drift	138 ft
(2)	202 Raise	10 ft
	Total	148 ft

Description

(1) 207 Drift 0-65 ft. advance was in blocky gray limestone. Fe, Pb & Zn mineralization was apparent along fractures in this limestone.

65-138 ft. advance was in a strong NW structure assaying as follows:

Au	Ag	Pb	Zn
.08	3.4	2.5	2.6

(2) 202 Raise 0-10 ft. advance was made in an effort to intersect DDH #3.

Comments

The diamond drill program was completed July 6, 1953. As of this date total efforts were devoted toward the extention of the 207 drift and exploration of the ore indicated in DDH #3.

Month of July 1953 Docket No. DMEA 211 Contract No. Idm E-120
Operator's Name SNOOSE MINING COMPANY Minerals Lead and Zinc
Address HAILEY, IDAHO
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

DISTRIBUTION OF MONTHLY CHARGES ON FORM MF-104

		TOTAL	DRIFTING	RAISING
(1)	Labor	$2,750.98	$2,543.48	$207.50
(2)	Supervision	450.00	415.39	34.61
(2)	Timber	129.57	119.61	9.96
(2)	Explosives	* 248.05 ~~251.26~~	231.94	19.32
(2)	Pipe	* 1.75 ~~1.80~~	1.66	.14
(2)	Power	528.55	503.28	25.27
(2)	Other	* 192.40 ~~213.04~~	196.66	16.38
(2)	Depreciation	574.29	545.51	28.78
(2)	Repairs to Equipment	* 43.68 ~~44.07~~	40.68	3.39
(2)	Sampling and Analysis	** out 6.00	out 5.54	out .46
(1)	Payroll Taxes	48.01	44.90	3.11
(2)	Liability Insurance	67.12	61.96	5.16
(2)	Workmen's Compensation Insurance	219.51	202.45	16.86
(2)	Accounting	100.00	92.31	7.69
(2)	Telephone	20.00	18.46	1.54
		~~$5,004.00~~ 4595.85	~~$4,625.85~~ 4595.85	~~$380.17~~ 377.86

(1) Allocated on Actual Breakdown
(2) Allocated on Man Hours Worked on Each Classification

	HOURS	PERCENTAGE
Drifting	1,344	92.31%
Raising	112	7.69
	1,456	100%

* Discount not taken plus invoices from Fowler Auto Co. unsupported.
** No assays included from Black & Deaca.

Month of July 1953 Docket No. DMEA 211 Contract No. Idm E-120
Operator's Name SNOOSE MINING COMPANY Minerals Lead and Zinc
Address HAILEY, IDAHO
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

SCHEDULE OF USE ALLOWANCE ON COMPANY OWNED EQUIPMENT

1	Mucking Machine	$ 33.33
2	Mine Cars	5.00
1	Ford Pickup	27.73
1	Pneumatic Saw	1.25
1	Hoist	99.19
1	Air Compressor	190.70
1	Motor Pump	7.93
1	Sump Pump	9.16
		$374.29

Month of July 1953 Docket No. DMEA 211 Contract NO. Idm E-120
Operator's Name SNOOSE MINING COMPANY Minerals Lead & Zinc
Address HAILEY, IDAHO
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

SCHEDULE OF OTHER EXPENSE - ITEM F - OTHER	MONTHLY TOTALS	TOTALS PREVIOUSLY REPORTED	TOTAL TO DATE
Telephone	$ 20.00	$ 251.58	$ 271.58
Office Supplies	.00	116.65	116.65
Bookkeeping	100.00	2,921.61	3,021.61
	$120.00	$3,289.84	$3,409.84

A - 101

REFERENCES C-100

SNOOSE MINING CO

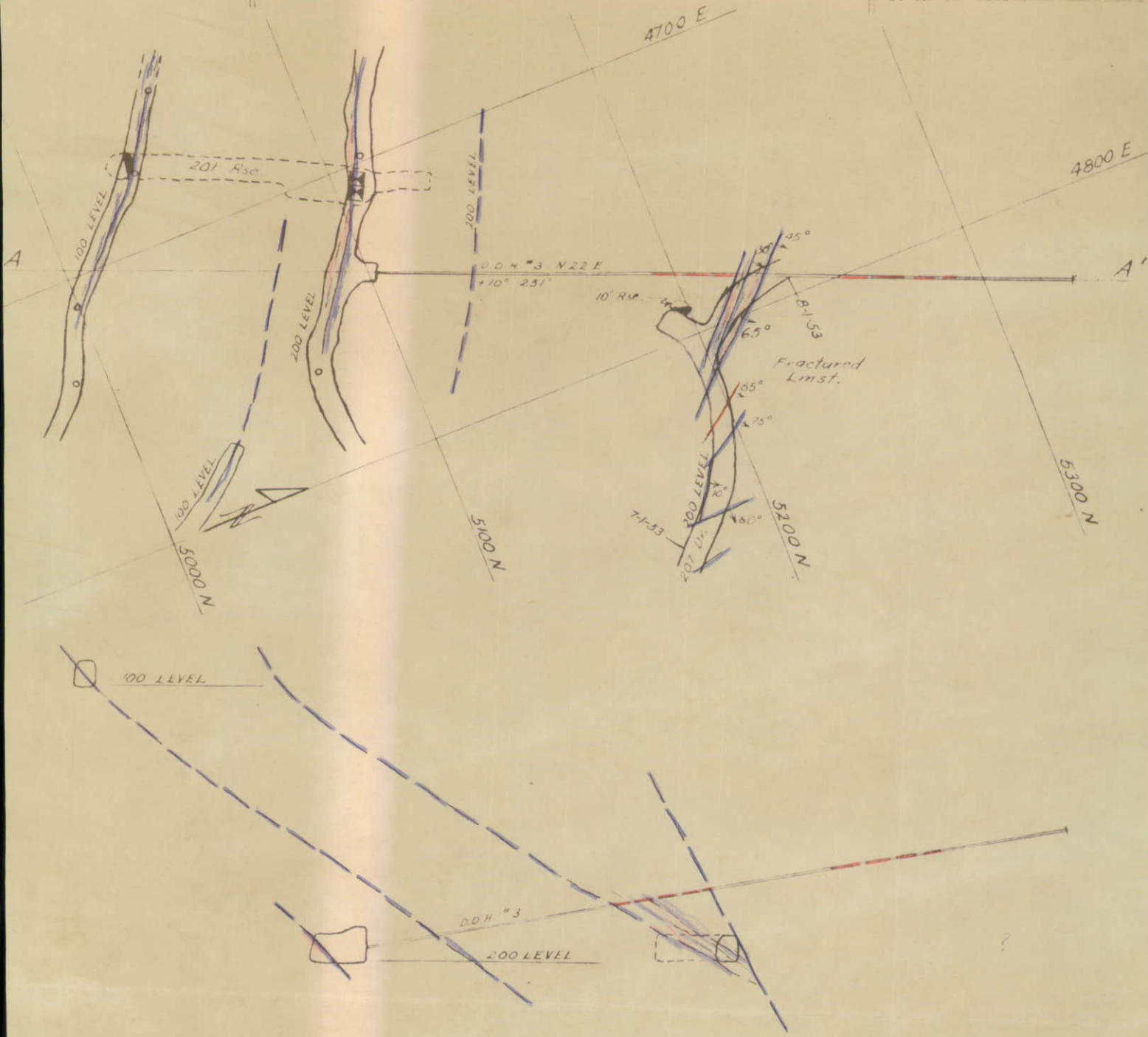
19 53

MADE BY H.S.P.

TRACED BY

CHECKED BY

SCALE 1" = 50'



REVISIONS

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 8 1953

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

Wash

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

Month of June, 1953 Docket No. DMEA 211 Contract No. Idm E-120
Operator's Name Snoose Mining Co. Minerals Lead & Zinc
Address Hailey, Idaho
Contract Amount, $135,000.00 Government Participation: 50 % Amount, $ 67,500.00

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	3,641.00	1,633.20	5,274.20	3641.00	1633.20	5274.20
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	2,454.85	38,310.26	40,765.11	1969.85	36212.68	38,182.53
Supervision	280.00	7,203.20	7,483.20	450.00	7825.81	8275.81
Technical Services	.00	350.00	350.00		350.00	350.00
(3) Operating Mat'ls. and Supplies:						
Timber	132.50	7,312.10	7,444.60	132.50	7327.98	7460.48
Explosives	110.75	2,141.93	2,252.68	110.75	2169.73	2280.48
Pipe	.00	819.66	819.66	74.34	1115.48	1189.82
Track	.00	1,040.74	1,040.74		1077.46	1077.46
Power	363.40	4,723.27	5,086.67	363.40	4437.37	4800.77
Other	201.01	3,519.75	3,720.76	95.11	2883.08	2978.19
(4) Operating Equipment:						
Rental	374.29	4,788.18	5,162.47	-0-		
Purchase	.00	4,294.58	4,294.58		4630.80	4630.80
Depreciation				374.29	4901.03	5275.32
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	125.79	1,846.56	1,972.35	125.79	1895.73	2021.52
Sampling and Analysis	15.00	104.99	119.99	15.00	169.99	184.99
Payroll Taxes	101.18	1,365.30	1,466.48	43.56	629.12	672.68
Liability Insurance	.00	95.05	95.05	45.98	822.36	868.34
Workmens Comp Ins.	184.37	2,142.01	2,326.38	173.34	2133.62	2306.96
Other-See Schedule	120.00	3,188.57	3,308.57	120.00	3169.84	3289.84
(8) Contingencies (specify):						
Rehabilitation after fire	.00	2,400.00	2,400.00		2400.00	2400.00
TOTALS	8,104.14	87,279.35	95,383.49	7734.91	85,785.28	93,520.19

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

Date 7-21-53 *Payee SNOOSE MINING COMPANY

Per L. H. Moore Title For President

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

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

(Instructions on reverse)

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

$ 3867.46

Signature (Authorized Certifying Officer)

Date 7/24/53 Vou. No. 847
(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. E/L/ 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-104A
(April 1952)

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

Wash

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG - 3 1953

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

Month of June 195 3 Docket No. DMEA 211 Contract No. Idm E-120
Operator's Name Snoose Mining Co. Minerals Lead & Zinc
Address Hailey, Idaho

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting	ft.	3,051.42	55	49,997.84	959.5		1380	35.00
Crosscutting	ft.	.00	00	14,125.75	250		150	35.00
Raising	ft.	.00	00	9,802.59	175.5		175	42.00
Shafts								
Winzes								
Drilling: Core	ft.	5,052.72	661	8,135.83	961		1000	7,900.00
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Drilling Station				956.83				1,000.00
Total Distributed Costs		8,104.14		85,018.82				Total Costs Authorized by Contract
Operating Equipment Purchased		.00		4,181.75				11,250.00
Initial Rehabilitation and Repairs		.00		4,782.94				4,200.00
New Buildings, Improvements, etc.		.00		2,400.00				2,400.00
		.00		1,000.00				1,000.00
Total Costs		8,104.14		95,383.49				

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 7-21-53 Operator SNOOSE MINING COMPANY

Per L. H. Moore Title For President

Remarks:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

Month of * June 1955 Docket No. DMEA 211 Contract No. Idm E-120
Operator's Name Snoose Mining Co. Minerals Lead & Zinc
Address Hailey, Idaho
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

PROGRESS REPORT FOR MONTH OF JUNE, 1955

Note: Reference is made to map No. C-100

Diamond Drill Footage

(1)	#2 hole	60	ft.
(2)	#3 "	251	"
(3)	#4 "	159	"
(4)	#5 "	8	"
(5)	#6 "	183	"
	Total	661	ft.

Diamond Drill Stations

(1) #4 diamond drill station was cut and timbered at survey station No. 22 55 ft. in the 202 SE drift. DDH #6 was drilled from this station.

(2) #1 diamond drill station near botton of winze was enlarged so that it will be possible to drill a down hole at a future date.

Drift Footage

(1) 207 drift 35 ft.

This advance was toward an ore body as indicated in DDH #3. Low grade Zn mineralization was exposed in drifting.

Drill Logs are not included in report as Mr. Johnson, DMA representative, has logged most of this advance during his last visit. Sludge and core samples from hole #3 are as follows:

Depth	Type	Au	Ag	Pb	Zn
105-110	Sludge	.008	7.8	4.7	4.4
110-120	"	.002	0.9	0.9	2.1
120-125	"	.02	0.9	Tr.	4.0
174.5-182	"	.02	1.0	1.2	4.0
166-196	Core	.02	1.8	1.1	4.6

It may be noted: Much sliming and loss of values due to concentration of heavy minerals in irregularities of the drill hole was apparent. Also, much higher grade core was drilled than that was indicated in sample above This sample was the result of including all the low grade and barren rock as drilled within this zone.

Month of June, 1953 Docket No. DMEA 211 Contract No. Idm E-120
Operator's Name Snoose Mining Co.
Address Hailey, Idaho
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

Distribution of Monthly Charges on Form Mf-104

		Total	Allocation To Core Drilling	Allocation To Drifting
(1)	Labor	$2,454.85	$ 772.68	$1,682.17
(1)	Supervision Labor	280.00	89.10	190.90
(2)	Timber	132.50	42.16	90.34
(2)	Explosives	110.75	35.24	75.51
(2)	Power	363.40	115.63	247.77
(2)	Other	201.01	63.96	137.05
(2)	Operating Equipment - Rental	374.29	119.10	255.19
(2)	Repairs to Equipment	125.79	40.03	85.76
(2)	Assaying	15.00	4.77	10.23
(1)	Payroll Taxes	101.18	32.20	68.98
(2)	Compensation Insurance	184.37	58.67	125.70
(2)	Accounting	100.00	31.82	68.18
(2)	Telephone	20.00	6.36	13.64
	Independent Short Form Contract - Drilling	3,641.00	3,641.00	.00
		$8,104.14	$5,052.72	$3,051.42

(1) Allocated on actual break down
(2) Allocated on man hours worked on each classification:

	Hours	Percentage
Core Drilling	336	31.82%
Drifting	720	68.18
	1056	100%

Month of June, 1953 Docket No. DMEA 211 Contract No. Idm E-120
Operator's Name Snoose Mining Company Minerals Lead & Zinc
Address Hailey, Idaho

SCHEDULE OF DISTRIBUTIONS

		1	2		3				4	7					
	Total	Short Term Contract Core Drill.	Labor	Super-vision	Timber	Explosives	Power	Other	Operating Equipment Depr.	Repairs to Equipment	Assaying	Payroll Taxes	Compensation Insurance	Accounting	Telephone
Triumph Mining Co.	$ 63.63							$ 63.63							
Scherer, Moore & Rife	123.44													$100.00	$23.44
Board Bros. Lbr. Co.	132.50				$132.50										
Francis Jones, Inc.	175.75					$110.75		65.00							
Hailey Texaco Service	5.10							5.10							
Idaho Power Co.	363.40						$363.40								
Mt. States Tel & Tel	39.56														39.56
Nichols & Thompson Core Drilling Co.	3,641.00	$3,641.00													
Sawtooth Motor	13.16							13.16							
Western Equipment Co.	149.22							23.43		$125.79					
Structural Steel & Forge	15.46							15.46							
National Mine Service	8.72							8.72							
Fowler Auto Co.	6.51							6.51							
Black & Deason	15.00										$15.00				
Company Owned Equipment Depreciation	374.29								$374.29						
Payroll	2,734.85		$2454.85	$280.00											
Payroll Taxes & Comp. Insurance	285.55											$101.18	$184.37		
	$8,147.14	$3,641.00	$2,454.85	$280.00	$132.50	$110.75	$363.40	$201.01	$374.29	$125.79	$15.00	$101.18	$184.37	$100.00	$63.00
Less: Expenses Not Allowed	43.00														43.00
	$8,104.14	$3,641.00	$2,454.85	$280.00	$132.50	$110.75	$363.40	$201.01	$374.29	$125.79	$15.00	$101.18	$184.37	$100.00	$20.00

Month of June, 1955 Docket No. DMEA 211 Contract No. Idm E-120
Operator's Name Snoose Mining Company Minerals Lead & Zinc
Address Hailey, Idaho
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

Schedule of Company Owned Equipment Rented to Operator:

1 - Mucking Machine	$ 55.55
2 - Mine Cars	5.00
1 - Ford Pickup	27.75
1 - Pneumatic Saw	1.25
1 - Hoist	99.19
1 - Air Compressor	190.70
1 - Motor Pump	7.95
1 - Sump Pump	9.16
Total	$374.29

Month of June 1955 Docket No. DMEA 211 Contract No. Idm-E120
Operator's Name Snoose Mining Company Minerals Lead & Zinc
Address Hailey, Idaho
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

SCHEDULE OF OTHER EXPENSE - ITEM F - OTHER

	Monthly Totals	Totals Previously Reported	Total To Date
Telephone	$ 20.00	$ 231.58	$ 251.58
Office Supplies	.00	135.38	135.38
Bookkeeping	100.00	2,821.61	2,921.61
	$120.00	$3,188.57	$3,308.57

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

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

Wash

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

Month of May, 1953 Docket No. DMEA 211 Contract No. Idm-E 120

Operator's Name Snoose Mining Co. Minerals Lead & Zinc

Address Hailey, Idaho

Contract Amount, $ 135,000.00 Government Participation: 50% Amount, $ 67,500.00

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	1,633.20	.00	1,633.20	1633.20		1633.20
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor Prior 6.30.77	2,033.26	36,951.48	38,984.74	1060.97	35151.71	36212.68
Supervision Supervision Off	280.00	7,017.90	7,297.90	996.84	8822.45	7825.81
Technical Services	.00	350.00	350.00		350.00	350.00
(3) Operating Mat'ls. and Supplies:						
Timber	.00	7,312.10	7,312.10	15.88	7312.10	7327.98
Explosives	.00	2,141.93	2,141.93	27.80	2141.93	2169.73
Pipe	.00	819.66	819.66	.80	1114.68	1115.48
Track	.00	1,040.74	1,040.74		1077.46	1077.46
Power	349.00	4,492.50	4,841.50	230.97	4206.40	4437.37
Other	168.24	3,408.41	3,576.65	48.18	2834.90	2883.08
(4) Operating Equipment:						
Rental	374.29	4,540.47	4,914.76			
Purchase	.00	4,294.58	4,294.58	22.33	4608.47	4630.80
Depreciation				247.71	4653.32	4901.03
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	.00	1,846.56	1,846.56	2.78	1892.95	1895.73
Sampling and Analysis	3.00	103.00	106.00	1.99	168.00	169.99
Payroll Taxes	85.60	1,308.16	1,393.76	24.46	604.66	629.12
Liability Insurance	.00	95.05	95.05	25.82	796.54	822.36
Workmen's Comp. Ins.	141.30	2,048.50	2,189.80	87.03	2046.59	2133.62
Other-See Schedule	120.00	3,068.57	3,188.57	120.00	3049.84	3169.84
(8) Contingencies (specify): Rehabilitation after fire	.00	2,400.00	2,400.00		2400.00	2400.00
TOTALS	5,187.89	83,239.41	88,427.30	2553.28	83,232.00	85,785.28

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

Date June 30, 1953 *Payee SNOOSE MINING CO.

Per L. H. Moore Title For President

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

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

(Instructions on reverse)

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

$ 1276.64

Signature [illegible] (Authorized Certifying Officer)

Date 6/24/53 Vou. No. 805

(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. E 120 in accordance with the terms of the contract.

Signature /S/ Verdo Z Johnson Title Mining Engr. Date 6/3/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Thomas E Howard Title Mining Engr. Date 6/23/53

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of May 195 3 Docket No. DMEA 211 Contract No. Idm E 120

Operator's Name Snoose Mining Co. Minerals Lead and Zinc

Address Hailey, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	ft.	-0-	-0-	46,946.42	904.5		1380	35.00
Crosscutting	ft.	-0-	-0-	14,125.73	230		150	35.00
Raising	ft.	-0-		9,802.59	173.5		175	42.00
Shafts								
Winzes	ft.	3,083.11	300	3,083.11	300	10.27	1000	7,900.00
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Drilling Station	each	956.83	1	956.83			1	1,000.00
TOTAL DISTRIBUTED COSTS		4,039.94		74,914.68				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased		-0-		4,181.73				11,250.00
Initial Rehabilitation and Repairs		-0-		4,782.94				4,200.00
New Buildings, Improvements, etc.		-0-		2,400.00				2,400.00
Rehabilitation		-0-		1,000.00				1,000.00
TOTAL COSTS		4,039.94		87,279.35				

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

Date June 29, 1953 Operator SNOOSE MINING CO.

Per L. G. Moore Title For President

REMARKS: Work during March and April was on Winze. No report made- This report picks up from February balance.

→ 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

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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".

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GPO 83-38475

Month of May 19[illegible] Docket No. DMEA 211 Contract No. Idm-E 120
Operator's Name Snoo[illegible] Mining Co. Minerals Lead and Zinc
Address Hailey, Idaho
Contract Amount $155,000.00 Government Participation 50% Amount $67,500.00

PROGRESS REPORT FOR MONTH OF MAY, 1953

Note: Reference is made to map No. C-100

Diamond Drill Footage

(1) # 1 hole	159 ft.	(see drill log)
(2) # 2 "	141 "	"
Total	300 ft.	

Diamond Drill Stations

(1) #1 diamond drill station was cut and timbered near bottom of winze. This station allowed ample room for the drilling of no. 1 & 2 D. D. Holes.

(2) # 2 diamond drill station was cut and timbered near the 201 raise station on the 200 level. D.D.H. #3 was drilled from this station.

(3) # 3 diamond drill station was cut and timbered at the face of the 207 drift. This station will allow the drilling of D.D. Holes # 4 & 5.

In general our diamond drill program has progressed satisfactorily. Fair core recovery and representative samples of the sludges were obtained. Due to broken and very abrasive strata the drill crew experienced slow and hard drilling.

DRILL LOG
SNOOSE D. D. H. #1

DEPTH	159'
BEARING	N29E
DIP	∠ 58°
COORDINATES	4543 E 5359 N

DEPTH	CORE RECOVERY	SIZE HOLE	DESCRIPTION	MINERALIZATION
0-5'	50%	NX	Broken Argillite	$CaCo_2$ & sulfide - pyrite filling in fractures
5-8'	40%	BX	" "	" "
8-9'	50%	"	" "	" "
9-14'	60%	"	" "	fewer sulfides
14-19'	60%	"	Broken calcareous Argillite	" "
19-24'	50%	"	" " "	" "
24-29'	50%	"	Argillite	$CaCO_2$ in fractures
29-34'	70%	"	29-31' Broken Argillite 31-34 Firm Dark Lmst.	
34-39'	85%	"	34-36 " " "	
			36-37 Fault Zone	some sulfides
39-44'	75%	"	Broken Calcareous Argillite 41-42 Fault Zone	" " (Fe)
44-49'	20%	AX	Broken Calcareous Argillite	
49-54'	50%	"	Broken Argillaceous Lmst.	pyrite specks
54-64'	5%	"	" " "	"
64-69'	5%	"	Broken Argillite	
69-79'	20%	"	" "	
79-84'	40%	"	" "	
			79-80 Slickensides	(80-82) $CaCO_2$ & sulfides
84-89'	40%	"	Dark Calcareous Argillite	
89-94'	15%	"	Argillite	$CaCO_2$
94-99'	10%	"	"	"
99'-104'	30%	"	Broken Argillaceous Lmst.	
104-109'	10%	"	Broken Argillite 104-106 Gouge	sulfides
109-112'	60%	"	Broken Calcareous Argillite 109-110 slickensides	(110-112) pyrite specks
112-119'	20%	"	Broken Calcareous Argillite	
119-124'	40%	"	" " "	Qtz & $CaCO_2$
124-125'	20%	"	Broken Lmst.	
125-129'	15%	EX	Dark Argillaceous Lmst.	pyrite specks
129-134'	40%	"	Broken Argillite	
134-140'	10%	"	" "	pyrite specks
140-150'	50%	"	Dark Lmst.	
150-155'	60%	"	" "	$CaCO_2$ in fractures
155-159'	40%	"	Gray Jointed Lmst.	

DRILL LOG
SNOOSE D. D. H. #2

DEPTH	201
BEARING	N 27 E
DIP	/ 5[illegible]
COORDINATES	4544E
	5369N

DEPTH	CORE RECOVERY	SIZE HOLE	DESCRIPTION	MINERALIZATION
0-4	75%	NX	Broken Argillite	Qtz, $CaCO_2$ & sulfides
4-8	80%	BX	" "	" "
8-16	65%	EX	" "	Lesser amounts of Qtz & $CaCO_2$
16-21	10%	"	" "	
21-26	20%	"	(21-22) Fault Zone	Qtz & $CaCO_2$ Filling
			(22-26) Broken Argillite	" " "
26-31	25%	"	Broken Gray Limst.(75%)	Pyrite specks
			" Argillite (25%)	
31-41	25%	"	(31-33) Broken Gray Limst.	$CaCO_2$
			(33-36) " Argillite	" & Pyrite Specks
41-46	40%	"	" "	" " "
46-53	25%	"	(46-50) Fault Zone ?	
			(50-53) Broken Argillite	Pyrite specks
53-56	5%	AX	" "	" & $CaCO_2$
56-61	45%	"	(36-57) " "	" "
			(57-61) Firm Gray Limst.	$CaCO_2$ seams
61-65	75%	"	(61-63) Fault Slickensides	
			(63-65) Calcareous Argillite	$CaCO_2$
65-70	75%	"	(65-69) Gray Limst.	"
			(69-70)Black siliceous Argillite	pyrite specks
70-72	60%	"	Black Argillite	" "
72-75	65%	"	" "	Qtz fillings
75-80	20%	"	" "	" "
80-85	10%	"	" "	" "
85-95	20%	"	" ",H_2O cource	" "
95-101	15%	"	(95-97) " "	
			(97-99) Fault	
			(99-101) Broken Argillite	Qtz & pyrite
101-106	60%	"	(101-102) " "	
			(102-106) Gray Lmst.	Qtz fillings
106-111	90%	"	" " ,slickensides	Qtz fillings
111-116	70%	"	" " "	$CaCO_2$
116-121	90%	"	(116-118) " " "	"
			(118-119) " " "	abundant pyrite
			(119-121) " "	Pbs & ZnS
121-143	90%	"	" "	$CaCO_2$ & pyrite in seams
143-144	90%	"	Black Argillite	
144-147	90%	"	Gray Lmst.	$CaCO_2$
147-171	60%	EX	" ", Possible Fault at 148	
171-193	10%	"	Broken Lmst.	
193-201	10%	"	" Argillite	

Month of May 1953 Docket No. DMEA 211 Contract No. Idm-E 120
Operator's Name Snoose Mining Company Minerals Lead and Zinc
Address Hailey, Idaho
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

Distribution of Monthly Charges on Form Mf-104

	Total	Raise (Not Allowed)	Total (Allowed)	Allocation To Drilling Station	Allocation To Core Drilling
(1) Labor	$ 2,033.26	$ 674.48	$ 1,358.78	$ 536.42	$ 822.36
(1) Supervision Labor	280.00	94.70	185.30	74.40	110.90
(2) Power	349.00	118.03	230.97	92.73	138.24
(2) Other - Item 3	168.24	56.90	111.34	44.70	66.64
(2) Operating Equip - Rental	374.29	126.58	247.71	99.45	148.26
(1) Payroll Taxes	85.60	28.46	57.14	22.61	34.53
(2) Compensation Insurance	141.30	47.79	93.51	37.54	55.97
(3) Accounting	100.00	.00	100.00	40.15	59.85
(3) Telephone	20.00	.00	20.00	8.03	11.97
(2) Assaying	3.00	1.01	1.99	.80	1.19
Independent Short Form Contract - Drilling	1,633.20	.00	1,633.20	.00	1,633.20
	$ 5,187.89	$ 1,147.95	$ 4,039.94	$ 956.83	$ 3,083.11

(1) Allocated on actual break down
(2) Allocated on man hours worked on each classification:

	Hours	Percentage
Raise	280	33.82%
Station	220	26.57%
Core Drilling	328	39.61%
	828	100%

(3) Allocated on man hours worked on Station and Core Drilling Only.

Month of May 1953 Docket No. DMEA 211 Contract No. Idm E-120
Operator's Name Snoose Mining Company, Hailey, Idaho Minerals Lead and Zinc

SCHEDULE OF DISTRIBUTIONS	Total	1 Short Term Contract Core Drill	Labor	2 Super-vision	3 Power	Other	4 Operating Equipment Depr.	Payroll Taxes	7 Compensation Insurance	Accounting	Telephone	Assaying
Nichols & Thompson Core Drilling	$1,633.20	$1,633.20	$	$	$	$	$	$	$	$	$	$
Structural Steel & Forge	1.70	[redacted]				1.70						
Francis Jones	100.03					100.03						
Standard Oil of Calif.	16.90					16.90						
Western Bearing, Inc.	14.04					14.04						
Idaho Power Co.	349.00				349.00							
Hailey Texaco Service	35.25					35.25						
Sawtooth Motors	.32					.32						
Black & Deason	3.00											3.00
Mountain State Tel.	58.19										58.19	
Scherer, Moore & Rife	140.36									100.00	40.36	
Company Owned Equipment Depreciation	374.29						374.29					
Payrolls	2,313.26		2,033.26	280.00								
payroll Taxes & Comp. Ins.	226.90							85.60	141.30			
	$5,266.44	$1,633.20	$2,033.26	$ 280.00	$ 349.00	$ 168.24	$ 374.29	$ 85.60	$ 141.30	$ 100.00	$ 98.55	$ 3.00
Less: Expenses not Allowed	78.55										78.55	
	$5,187.89	$1,633.20	$2,033.26	$ 280.00	$ 349.00	$ 168.24	$ 374.29	$ 85.60	$ 141.30	$ 100.00	$ 20.00	$ 3.00

Month of May 1953 Docket No. DMEA 211 Contract No. Idm-E 120
Operator's Name Snoose Mining Co. Minerals Lead and Zinc
Address Hailey, Idaho
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

Schedule of Company Owned Equipment Rented to Operator:

1 - Mucking Machine	$ 33.33
2 - Mine Cars	5.00
1 - Ford Pickup	27.73
1 - Pneumatic Saw	1.25
1 - Hoist	99.19
1 - Air Compressor	190.70
1 - Motor Pump	7.93
1 - Sump Pump	9.16
Total	$ 374.29

MONTH OF May 1953 Docket No. DMEA 211 Contract No. Idm-E 120
Operator's Name Snoose Mining Company Minerals Lead and Zinc
Address Hailey, Idaho
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

SCHEDULE OF OTHER EXEPNSE - ITEM F - OTHER

	Monthly Totals	Totals Previously Reported	Total to Date
Telephone	$ 20.00	$ 211.58	$ 231.58
Office Supplies	.00	135.38	135.38
Bookkeeping	100.00	2,721.61	2,821.61
	$ 120.00	$3,068.57	$3,188.57

SNOOSE MINING COMPANY
HAILEY, IDAHO

COMPUTATION OF PAYROLL TAXES AND WORKMEN'S COMPENSATION INSURANCE
ON PAYROLL FOR PERIOD MAY 1 THROUGH 31, 1953

	Taxable Wages	F.I.C.A. 1.5%	S.U.I. 1.9%	F.U.I. .3%	* Workmens CompIns.	Total Taxes & W. C.Ins.
Station	$ 610.82	$ 9.17	$ 11.61	$ 1.83	$ 37.54	$ 60.15
Drilling	933.26	14.00	17.73	2.80	55.97	90.50
Raise	769.18	11.54	14.61	2.31	47.79	76.25
	$2,313.26	$ 34.71	$ 43.95	$ 6.94	$141.30	$226.90

* Workmens Compensation Insurance

$ 972.50 @	3.50	$ 34.04
1,340.76 @	8.00	107.26
		$ 141.30
	26.57%	$ 37.54
	39.61%	55.97
	33.82%	47.79
		$ 141.30

SNOOSE MINING COMPANY
HAILEY, IDAHO

COMPUTATION OF PAYROLL ALLOCATION PER OPERATION — FOR THE MONTH OF MAY 1953

Detail from Transcript of Payroll	Station Hours	Station Amount	Drilling Hours	Drilling Amount	Raise Hours	Raise Amount
Ralph W. Jackson	56	$ 111.73	16	$ 35.00	48	$ 95.77
W. C. Jackson	56	104.02	88	173.38	64	117.90
Robert C. Young	-0-	.00	88	165.26	-0-	.00
D. L. Morris	52	97.09	68	133.50	84	154.31
Fred Shirts	56	104.02	68	136.97	84	154.31
	220	$ 416.86	328	$ 644.11	280	$ 522.29

Classification of Operation	Hours Per Classification	% Per Classification	Payroll - A. M. Jensen	Other Harry S. Poller	Total Payroll Other	Plus Payroll (as above)	Total May Payroll
			$ 280.00	$ 450.00	$ 730.00		
Station	220	26.57	$ 74.40	$ 119.56	$ 193.96	$ 416.86	$ 610.82
Drilling	328	39.61	110.90	178.25	289.15	644.11	933.26
Raise	280	33.82	94.70	152.19	246.89	522.29	769.18
Totals	828	100%	$ 280.00	$ 450.00	$ 730.00	$1,583.26	$2,313.26

SNOOSE MINING COMPANY
HAILEY, IDAHO

MAY 1, THROUGH 15, 1953
MAY 16 THROUGH 31, 1953

CERTIFIED TRANSCRIPT OF PAYROLL

A. PERIOD MAY 1 THROUGH 15, 1953

		Soc. Sec. Number	Labor Classification	Hours Regular Time	Regular Hourly Rate	1. Earnings for Regular Time	Hrs. of Overtime	Overtime Hourly Rate	2. Earnings for Overtime	Total Earnings for Period (cols 1 + 2)	Less F.I.C.A. 1½%	Less Withholding Tax	Net Earnings
Harry S. Poller		393-20-5973	Engineer(Pd at rate of $450 per mo)			$ 225.00			$	$ 225.00	$ 3.38	$ 28.30	$ 193.32
Ralph W. Jackson	Raise	518-19-9750	Foreman	40	415 per mo)	95.77	8						
	Station			48		111.73	8			207.50	3.11	29.90	174.49
W. C. Jackson	Raise	518-09-9744	Miner	40	1.733.75	69.35	8	2.600625	20.81				
	Station			48	1.73375	83.22	8	2.600625	20.80	194.18	2.91	16.60	174.67
D. L. Morris	Raise	519-01-2358	"	40	1.73375	69.35	8	2.600625	20.81				
	Station			44	1.73375	76.29	8	2.600625	20.80	187.25	2.81	26.10	158.34
Fred Shirts	Raise	518-09-9596	"	40	1.73375	69.35	8	2.600625	20.81				
	Station			48	1.73375	83.22	8	2.600625	20.80	194.18	2.91	5.50	185.77
						$ 883.28			$ 124.83	$1,008.11	$ 15.12	$ 106.40	$ 886.59

B. Period May 16 through 31, 1953

A. M. Jensen	518-09-9651	Mgr. (Paid at the rate of $560 per Mo.)				$ 280.00			$	$ 280.00	$ 4.20	$ 40.30	$ 235.50
Harry S. Poller		as above	as above	as above		225.00				225.00	3.38	22.80	198.82
Ralph W. Jackson	Drilling	"	"	16		35.00				35.00	.53	.00	34.47
W. C. Jackson	Drilling	"	"	64	1.73375	110.96	24	2.66063	62.42				
	Raise			16	1.73375	27.74				201.12	3.02	18.80	179.30
Robert C. Young	Drilling	725-01-7551	Miner	80	1.79625	143.70	8	2.695375	[redacted]	165.26	2.48	11.00	151.78
Fred Shirts	Drilling	As above	As above	46	1.73375	79.75	22	2.60063					
	Raise			34	1.73375	58.95	2	2.60063	[redacted]	201.12	3.02	7.70	190.40
D. L. Morris	Drilling	"	"	50	1.73375	86.69	18	2.60063	46.81				
	Raise			34	1.73375	58.95	2	2.60063	5.20	197.65	2.96	28.50	166.19
						$1,106.74			$ 198.41	$1,305.15	$ 19.59	$ 129.10	$1,156.46

Recapitulation;

A. Totals for Period of May 1, 1953 through 15, 1953	$ 883.28	$ 124.83	$1,008.11	$ 15.12	$ 106.40	$ 886.59
B. Totals " " " "16, 1953 " 31, 1953	1,106.74	198.41	1,305.15	19.59	129.10	1,156.46
	$1,990.02	$ 323.24	$2,313.26	$ 34.71	$ 235.50	$2,043.05

Certified Transcript

By L W Morne
Operator

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

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

Wash

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

No Report for January

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of February, 1953 Docket No. DMEA 211 Contract No. Idm-E 120
Operator's Name Snoose Mining Co. Minerals Lead and Zinc
Address Hailey, Idaho
Contract Amount, $135,000.00 Government Participation: 50 % Amount, $ 67,500.00

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	769.74	36,181.74	36,951.48	744.40	34410.31	35151.71
Supervision	54.54	6,963.36	7,017.90	87.64	8734.79	8822.43
Technical Services		350.00	350.00		350.00	350.00
(3) Operating Mat'ls. and Supplies:						
Timber	8.31	7,303.79	7,312.10	8.31	7303.79	7312.10
Explosives	.88	2,141.05	2,141.93	.88	2141.05	2141.93
Pipe		819.66	819.66	1.75	1112.93	1114.68
Track		1,040.74	1,040.74		1077.46	1077.46
Power	77.37	4,414.93	4,492.30	77.37	4129.03	4206.40
Other	109.48	3,298.93	3,408.41	53.39	2781.51	2834.90
(4) Operating Equipment:						
Rental	72.91	4,467.56	4,540.47	-0-		
Purchase	.00	4,294.58	4,294.58	47.21	4561.26	4608.47
Depreciation				72.91	4580.41	4653.32
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	2.57	1,843.99	1,846.56	3.16	1889.79	1892.95
Sampling and Analysis		103.00	103.00		168.00	168.00
Payroll Taxes S.S.	32.69	1,275.47	1,308.16	14.93	589.73	604.66
Liability Insurance Unemp.		95.05	95.05	16.75	780.79	796.54
Workmens Comp. Ins.	45.61	2,002.89	2,048.50	43.80	2002.89	2046.69
Other-See schedule	124.85	2,943.74	3,068.57	123.10	2926.74	3049.84
(8) Contingencies (specify):						
Re-habilitiation after fire		2,400.00	2,400.00		2400.00	2400.00
TOTALS	1,298.95	81,940.48	83,239.41	1298.55	81940.48	83238.03

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

Date June 9, 1953 *Payee SNOOSE MINING CO.

Per L. H. Moore Title For President

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

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

(Instructions on reverse)

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

645.76 $ 645.76

Signature [illegible]
(Authorized Certifying Officer)

Date 6/23/53 Vou. No. 805
(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. E 120 in accordance with the terms of the contract.

Signature Verde B. Johnson Title Mining Engr Date 6-15-53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature 1st Thomas E. Howard Title Mining Engr Date 6/16/53

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of February 195 3 Docket No. DMEA _____ Contract No. Idm-E 120

Operator's Name Snoose Mining Co. Minerals Lead and Zinc

Address Hailey, Idaho

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	feet	-0-	-0-	46,946.42	904.5		1380	55.00
Crosscutting	feet	-0-	-0-	14,125.75	250		150	55.00
Raising	feet	1,298.93	58.5	9,802.59	173.5		175	42.00
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		1,298.93		70,874.74				Total Costs Authorized by Contract
Operating Equipment Purchased				4,181.75				11,250.00
Initial Rehabilitation and Repairs				4,782.94				4,200.00
New Buildings, Improvements, etc.				2,400.00				2,400.00
Rehabilitation				1,000.00				1,000.00
Total Costs		1,298.93		83,259.41				

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

Date June 9, 1953 Operator Snoose Mining Co.

Per L. H. Moore Title For President

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

(Instructions on reverse)

Remarks: Work during January was on Winze.

No report was made.

(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

Month of February 1953 Docket No. DMEA 211 Contract No. Idm-E 120
Operator's Name Snoose Mining Company Minerals Lead and Zinc
Address Hailey, Idaho
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

PROGRESS REPORT FOR MONTH OF FEBRUARY, 1953

Note: Reference is made to map No. C-100

Total Footage

(1)	201 S E Raise	38.5 ft.	
(2)	201 Winze	60.0 ft.	
(3)	Stoping	_____	180 Tons Pb, Zn. ore ✓
	Total	98.5 ft.	

Description

(1) 201 S E Raise 0-13 feet advance was in broken and folded argillite.

13-20 feet advance was in fault zone.

20-38.5 feet advance was in limestone and argillite. Weak mineralization was found near fault.

(2) 201 Winze 0-60 feet advance was along footwall at structure in broken argillites. Considerable fair grade ore was exposed.

Month of February 1[illegible] Docket No. DMEA 211 Con[illegible]ct No. Idm-E 120
Operator's Name Snoose Mining Co. Minerals Lead and Zinc
Address Hailey, Idaho
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

Schedule of Company Owned Equipment Rented to Operator:

1 - Mucking Machine	$ 33.33
2 - Mine Cars	5.00
1 - Ford Pickup	27.73
1 - Pneumatic Saw	1.25
1 - Hoist	99.19
1 - Air Compressor	190.70
1 - Motor Pump	7.93
1 - Sump Pump	9.16
Total	$ 374.29

Month of February 1[illegible]5 Docket No. DMEA 211 [illegible]ontract No. Idm-E 120
Operator's Name Snoose Mining Company [illegible]inerals Lead and Zinc
Address Hailey, Idaho
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

Schedule of Other Expenses - Item 7 - Other

	Total	Total Previously Reported	Total to Date
Telephone	$ 20.00	$ 191.58	$ 211.58
Office Supplies	4.83	130.55	135.38
Bookkeeping	100.00	2,621.61	2,721.61
	$ 124.83	$2,943.74	$3,068.57

SNOOSE MINING COMPANY
HAILEY, IDAHO

Computation of payroll taxes and Workmen's Compensation Insurance on payroll for period of February 1 through 28, 1953, on raise only.

F.I.C.A. - Employer's Share:		
Gross Wages - Taxable for F.I.C.A.	$ 883.60	
F.I.C.A. @ 1.5%		$ 13.25
State Unemployment Insurance:		
Gross Wages - Taxable for S.U.I.	$ 883.60	
S.U.I. @ 1.9%		16.79
Federal Unemployment Tax Act Taxes:		
Gross Wages - Taxable for F.U.T.A.	$ 883.60	
F.U.T.A. @ .3%		2.65
Workmen's Compensation Insurance:		
$557.20 @ 3.50 per $100	$ 19.50	
$326.40 @ 8.00 per $100	26.11	
		45.61
Total payroll taxes and Workmen's Comp. Ins. Claimed for period February 1, through 28, 1953, on raise only.		$ 78.30

SNOOSE MINING COMPANY
HAILEY, IDAHO

REBRUARY 1, thru 15, 1953, ON RAISE ONLY
FEBRUARY 16, thru 28, 1953 ON RAISE ONLY

CERTIFIED TRANSCRIPT OF PAYROLL

A. Period February 1 through 15, 1953

	Soc. Sec. Number	Labor Classification	Hours Regular Time	Regular Hourly Rate	1. Earnings for Regular Time	Hours of Overtime	Overtime Hourly Rate	2. Earnings for Overtime	Total Earnings for Period (cols 1 + 2)	Less F.I.C.A. 1½%	Less Withholding Tax	Net Earnings
Ralph W. Jackson - Day	518-09-9750	Foreman	80	($415 per mo.)	$ 207.50	16			$ 207.50	$ 3.11	$ 29.90	$ 174.49
Fred Shirts - Day	518-09-9596	Miner	40	1.73375	69.35				69.35	1.04	.00	68.31
			120		$ 276.85	16			$ 276.85	$ 4.15	$ 29.90	$ 242.80
B. Period February 16 through 28, 1953												
Ralph W. Jackson - Day	As above	As above	80	as above	$ 207.50	16		$	$ 207.50	$ 3.11	$ 29.90	$ 174.49
Fred Shirts - Day	"	"	80	1.73375	138.70	16	2.600625	41.62	180.32	2.70	3.10	174.52
			160		$ 346.20	32		$ 41.62	$ 387.82	$ 5.81	$ 33.00	$ 349.01
Recapitulation:												
A. Totals for Period of February 1 through 15, 1953					$ 276.85			$	$ 276.85	$ 4.15	$ 29.90	$ 242.80
B. " " " " " 16 " 28, 1953					346.20			41.62	387.82	5.81	33.00	349.01
					$ 623.05			$ 41.62	$ 664.67	$ 9.96	$ 62.90	$ 591.81
C. Plus Payroll on Raise at 19.48% (Computed Below)					201.23			17.70	218.93	3.28	30.10	185.55
Total Payroll on Raise					$ 824.28			$ 59.32	$ 883.60	$ 13.24	$ 93.00	$ 777.36

Computation on Basis for Work on Raise

Man Hours February 1 through 15, 1953	812
Man Hours February 16 through 28, 1953	872
Total Hours	1684
Hours on Raise	328

Basis on Raise $\frac{328}{1684}$ or 19.48%

C. Payroll-Others- On Raise for Month of February

A. M. Jensen	518-09-9651	Mgr.(Paid at rate of$560 per mo)			$ 280.00				$ 280.00	$ 4.20	$ 40.30	$ 235.50
Harry S. Poller	393-20-5973	Engr(Paid at rate of$450 per mo)			450.00				450.00	6.76	56.60	386.64
D. L. Morris - Day	519-01-2358	Hoist Man	80	1,89375	151.50	16	2.840625	$ 45.45	* 196.95	2.95	27.70	166.30
F. J. Denton "	518-03-2778	" "	80	1.89375	151.50	16	2.840625	45.45	* 196.95	2.95	29.90	164.10
					$1,033.00			$ 90.90	$1,123.90	$ 16.86	$ 154.50	$ 952.54
				19.48%	$ 201.23			$ 17.70	$ 218.93	$ 3.28	$ 30.10	$ 185.55

* Represents alternate day shift pay for these two men during the month of February; therefore total earnings as shown are less than actually paid.

Certified Transcript

By L. N. Moore
Operator

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

Defense Minerals Administration
RECEIVED
MAR 16 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of DECEMBER 1952 Docket No. DMEA Contract No. Idm-E 120
Operator's Name SNOOSE MINING CO. Minerals Lead and Zinc
Address HAILEY, IDAHO
Contract Amount, $ 135,000.00 Government Participation: 50 % Amount, $ 67,500.00

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	3,013.25	33,168.49	36,181.74	3013.25		
Supervision	434.45	6,528.91	6,963.36	434.45		
Technical Services		350.00	350.00			
(3) Operating Mat'ls. and Supplies:						
Timber	1,117.66	6,387.50	7,505.16	916.29		
Explosives	32.58	2,108.47	2,141.05	32.58		
Pipe	.00	819.66	819.66	—		
Track	.00	1,040.74	1,040.74	—		
Power	262.92	4,152.01	4,414.93	262.92		
Other	399.47	2,913.85	3,313.32	385.08		
(4) Operating Equipment:						
Rental	290.37	4,177.19	4,467.56	290.37		
Purchase	1,139.73	4,290.04	5,429.77	45.04		
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	340.36	1,493.85	1,834.21	350.14		
Sampling and Analysis		103.00	103.00	—		
Payroll Taxes	85.31	1,190.16	1,275.47	85.31		
Liability Insurance		95.05	95.05	—		
Workmens Comp. Ins.	180.47	1,822.42	2,002.89	180.47		
Other - See Sch.	120.00	2,823.74	2,943.74	120.00		
(8) Contingencies (specify):						
Re-habilitation after fire-amendment 7	2,400.00	-	2,400.00	2400.00		
TOTALS	9,816.57	73,465.08	83,281.65	8475.40	73465.08	81940.48

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

Date Jan. 20, 1953 *Payee SNOOSE MINING COMPANY

Per [signature] Title FOR PRESIDENT

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

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

(Instructions on reverse)

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

4237.70

$ 4237.70

Signature [signature]
(Authorized Certifying Officer)

Date 3/16/53 Vou. No. 689
(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. E 120 in accordance with the terms of the contract.

Signature Verda E. Johnson Title Mining Engr. Date 2-9-53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature S/ Thomas E. Howard Title Mining Engr. Date 2/10/53

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-101A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 16 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of DECEMBER 195 2 Docket No. DMEA
Operator's Name SNOOSE MINING COMPANY
Address HAILEY, IDAHO

Contract No. Idm-E 120
Minerals Zinc & Lead

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	feet	788.40	15	46,946.42	904.5		1580	35.00
Crosscutting	feet		0	14,125.73	230		150	35.00
Raising	feet	5,488.44	85	8,709.64	135		175	42.00
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		6,276.84		69,781.79				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased		1,159.73		5,316.92				11,250.00
Initial Rehabilitation and Repairs				4,782.94				4,200.00
New Buildings, Improvements, etc. Loss from fire		2,400.00		2,400.00				2,400.00
Rehabilitation				1,000.00				1,000.00
TOTAL COSTS		9,816.57		83,281.65				

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

Date Jan. 20, 1953 Operator SNOOSE MINING COMPANY

Per L. H. Moore Title For President

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

Month of DECEMBER, 1952 Docket No. DMEA 211 Contract No. Idm-E 120
Operator's Name SNOOSE MINING COMPANY Minerals LEAD AND ZINC
Address HAILEY, IDAHO
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

PROGRESS REPORT FOR MONTH OF DECEMBER, 1952

Note: Reference is made to map No. A-100

Total Footage

(1)	201 Raise	85 ft.	and completion to 100' level
(2)	201 NW Drift	15 "	
(3)	201 Winze	____	Station cut and timbered
	Total	100 ft.	

Description

(1)	201 Raise	0-75 feet advance was in weakly mineralized fault zone above the footwall which the raise was started on. 75-85 feet advance was vertical and crosscutted the structure. A connectinn was made to the 100' level.
(2)	201 NW Drift	0-15 feet advance was in hanging wall of "A" vein. Broken limestone was present in hanging wall.
(3)	201 Winze	Station was cut and preparation made to commence sinking. Considerable fair grade ore was exposed during this operation.

Heavy snows hindered operations near the end of the month, however the recent purchase of a Tucker Sno-Cat by the company made it possible to continue work at the mine. Completion of the raise proved that we are further in the footwall on the 200' level than that as developed on the 100' level. Several long-holes drilled with a stoper are proposed in the back of this raise. This would allow us to explore the hanging wall which was not exposed in our recent raise program.

Month of DECEMBER ,19[illegible] Docket No. DMEA 211 Contract No. Idm-E 120
Operator's Name SNOOSE MINING COMPANY Minerals LEAD AND ZINC
Address HAILEY, IDAHO
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

SCHEDULE PRORATING COSTS BETWEEN RAISING AND DRIFTING AND THAT OF THE WINZE

	TOTAL COSTS	WINZE (OMMITTED FROM MP104-4A)	RAISING AND DRIFTING
Labor (Winze salaries ommitted)	$ 2,503.16	.00	$ 2,503.16
*Engineer & Foreman	657.50	147.41	510.09
*Supervision	560.00	125.55	434.45
*Timber	1,440.66	323.00	1,117.66
*Explosives	42.00	9.42	32.58
*Power	338.90	75.98	262.92
*Other - Operating Materials & Supplies	514.91	115.44	399.47
*Rental Equipment	374.29	83.92	290.37
*Repairs to Equipment	438.72	98.36	340.36
Payroll Taxes	85.31	.00	85.31
Workmen's Compensation Ins.	180.47	.00	180.47
Other Miscellaneous	120.00	.00	120.00

*Prorated on the following basis:

		%
Total Hours Worked	1784	100.00
Hours Worked on Winze	400	22.42
Hours Worked on Raise & Drift	1384	77.58

Month of DECEMBER ,1952 Docket No. DMEA 211 Contract No. IDm-E 120
Operator's Name SNOOSE MINING COMPANY Minerals Lead and Zinc
Address HAILEY, IDAHO
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

SCHEDULE OF OTHER EXPENSES - ITEM 7 - OTHER

	MONTHLY TOTALS	TOTALS PREVIOUSLY REPORTED	TOTAL TO DATE
Telephone	$ 20.00	$ 171.58	$ 191.58
Office Supplies	.00	130.55	130.55
Bookkeeping	100.00	2,521.61	2,621.61
	$ 120.00	$ 2,823.74	$ 2,943.74

Month of DECEMBER 1952 Docket No. DMEA 211 Contract No. Idm-E 120
Operator's Name SNOOSE MINING COMPANY Minerals LEAD AND ZINC
Address HAILEY, IDAHO
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

SCHEDULE OF COMPANY OWNED EQUIPMENT RENTED TO OPERATION:

1	Mucking Machine	$ 33.33
2	Mine Cars	5.00
1	Fprd Pickup	27.73
1	Pneumatic Saw	1.25
1	Hoist	99.19
1	Air Compressor	190.70
1	Motor Pump	7.93
1	Sump Pump	9.16
		$ 374.29

Month of DECEMBER ,195[illegible] Docket No. DMEA 211 [illegible]ntract No. Idm-E 120
Operator's Name SNOOSE MINING COMPANY Minerals LEAD AND ZINC
Address HAILEY, IDAHO
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

SCHEDULE OF COMPANY OWNED EQUIPMENT RENTED TO OPERATION:

For the last half of October - to be charged to Cleanup Operations under Amendment 7 of the Contract.

1	Mucking Machine	1/2 Mo.	$ 16.67
2	Mine Cars	1/2 Mo.	2.50
1	Ford Pickup	1/2 Mo.	13.87
1	Hoist	1/2 Mo.	49.60
1	Motor Pump	1/2 Mo.	3.97
			$ 86.61

SNOOSE MINING COMPANY
HAILEY, IDAHO

SCHEDULE OF LABOR COSTS APPLICABLE TO CLEAN-UP AND BUILDING WORK

FOR PERIOD OCTOBER 17, 1952 THROUGH OCTOBER 31, 1952

	TOTAL	LABOR CLEANING UP FIRE	LABOR BUILDING
Salaries	$ 1,507.60	$ 753.80	$ 753.80
F.I.C.A. Tax	15.82	7.91	7.91
S.U.I. Tax	22.15	11.07	11.08
F.U.I. Tax	3.16	1.58	1.58
Workmen's Comp. Ins.	64.82	32.41	32.41
TOTALS	$ 1,613.55	$ 806.77	$ 806.78

SNOOSE MINING COMPANY
HAILEY, IDAHO

Computation of Payroll Taxes and Workmen's Compensation
Insurance on Payroll for Period of December 1 through 31, 1952

F.I.C.A. - Employer's Share:		
Gross Wages	$3,928.16	
Less Individual Excesses or $3,600	979.97	
Taxable for F.I.C.A.	$2,948.19	
F.I.C.A. - 1.5% of Taxable Wages		$ 44.22
State Unemployment Insurance:		
Taxable Wages for F.I.C.A. (see above)	$2,948.19	
Less Additional Individual Excesses over $3,000	1,236.25	
Taxable for S.U.I.	$1,711.94	
S.U.I. - 2.1% of Taxable Wages		35.95
Federal Unemployment Tax Act Taxes:		
Taxable for F.U.T.A. (Same as for S.U.I.)	$1,711.94	
F.U.T.A. @ .3%		5.14
Workmen's Compensation Insurance:		
$1,425.00		
560.00 Less Individual Excesses over $5,200		
$ 865.00 @ $3.50 per $100	$ 30.28	
$2,503.16 @ $6.00 per $100	150.19	
		180.47
Total Payroll Taxes and Workmen's Comp. Ins. Claimed for Period December 1, through December 31, 1952		$ 265.78

A-100

REFERENCES C-100

SPOOSE MINING CO.

COMPOSITE LEVEL MAP SHOWING DEVLOPMENT AND UNDERGROUND GEOLOGY

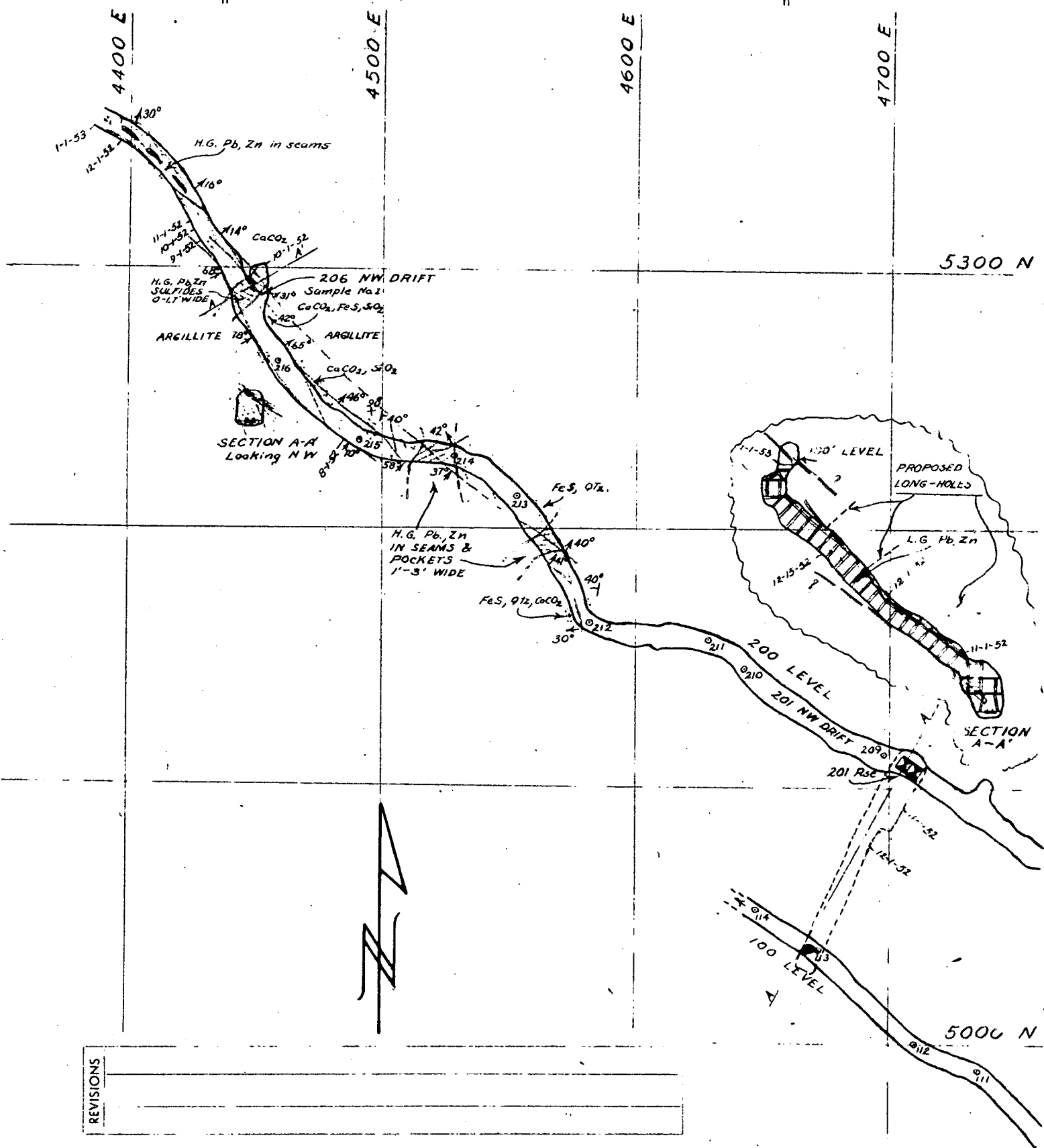
Nov. 27, 1952

MADE BY Harry S Oberlin

TRACED BY

CHECKED BY

SCALE 1" = 50'



REVISIONS

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 12 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of November 1952 Docket No. DMEA 211 Contract No. Idm-E-120
Operator's Name SNOOSE MINING COMPANY Minerals Lead & Zinc
Address Hailey, Idaho
Contract Amount, $155,000.00 Government Participation: 50 % Amount, $ 67,500.00

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	2,445.83	30,722.66	33,168.49	2445.83		
Supervision	560.00	5,968.91	6,528.91	560.00		
Technical Services	.00	350.00	350.00	—		
(3) Operating Mat'ls. and Supplies:						
Timber	959.84	5,819.58	6,779.42	959.84		
Explosives	266.10	1,842.37	2,108.47	266.10		
Pipe	.00	819.66	819.66			
Track	.00	1,040.74	1,040.74			
Power	308.05	3,866.11	4,174.16	285.90		
Other	514.22	2,515.49	3,029.71	480.54		
(4) Operating Equipment:						
Rental						
Purchase	368.40	3,808.79	4,177.19	368.40		
Depreciation	365.13	3,924.91	4,290.04	365.13		
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	54.10	1,587.84	1,641.94	48.61		
Sampling and Analysis		105.00	105.00			
Payroll Taxes	68.80	1,121.36	1,190.16	68.80		
Liability Insurance		95.05	95.05			
Workmen's Comp. Ins.	125.13	1,697.29	1,822.42	125.13		
Other—See Schedule	120.00	2,942.44	3,062.44	120.00		
(8) Contingencies (specify):						
TOTALS	6,155.60	68,226.20	74,381.80	6094.28	67370.80	73465.08

I certify that the above bill is correct and just and that payment therefor has not been received.
Date December 15, 1952 Payee Snoose Mining Company
Per L. H. Moore Title For President

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

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

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:
$3047.14
Signature (Authorized Certifying Officer)
Date 1/6/53 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. E 120 in accordance with the terms of the contract.

Signature Vinda G. Johnson Title Mining Engr. Date 12-31-52

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

/S/

Signature Thomas E Howard Title Mining Engr. Date 1-2-53

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 12 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of November 195 2 Docket No. DMEA 211 Contract No. Idm-E-120
Operator's Name SNOOSE MINING COMPANY Minerals LEAD AND ZINC
Address HAILEY, IDAHO

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	feet	3,281.35	55	46,756.54	889.5	52.56	1380	35.00
Crosscutting	feet	.00	-0-	14,125.73	230	61.42	150	35.00
Raising	feet	2,505.85	35	3,559.40	50	70.79	175	42.00
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		5,787.20		64,421.67				Total Costs Authorized by Contract
Operating Equipment Purchased		368.40		4,177.19				11,250.00
Initial Rehabilitation and Repairs		.00		4,782.94				4,200.00
New Buildings, Improvements, etc.		.00						.00
Rehabilitation		.00		1,000.00				1,000.00
Total Costs		6,155.60		74,581.80				16,450.00

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

Date December 15, 1952 Operator Snoose Mining Company

Per L. S. Moore Title For President

Remarks: Operating equipment purchase was air duct for fan which was purchased in December 1952 — will appear on next report

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

Month of November 1952 Docket No.DMEA 211 Contract No. Idm-E 120
Operator's Name SNOOSE MINING COMPANY Minerals Lead and Zinc
Address Hailey, Idaho
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

PROGRESS REPORT FOR MONTH OF NOVEMBER, 1952

Note: Reference is made to map No. A-100

Total Footage

(1)	201 Raise	35 ft
(2)	201 NW Drift	55 "
	Total	90 ft

Description

(1) 201 Raise

0-25 feet advance of two compartment raise was in argillite and weakly mineralized fault zone. Tugger installation was necessary for moving of muck.

0-35 feet advance of single compartment raise was in same structure as above.

(2) 201 NW Drift

0-55 feet advance was in broken and muddy fault zone. Argillite hanging wall was present and showed evidence of becoming more siliceous. Near the face limestone appeared in this hanging wall. Broken pieces of mineralized limestone was found in fault zone as result of post mineral movement.

Our operations for the month of November were on a one shift basis which accounts partly for the small footage recorded. Construction of our new surface installations continued throughout the month and two of our employees were assigned to this detail. This construction is now completed and we are able to devote all our efforts toward our mine development program.

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

Month of October, 1952 Docket No. DMEA 211 Contract No. Idm-E-120
Operator's Name Snoose Mining Company Minerals Lead and Zinc
Address Hailey, Idaho
Contract Amount, $ 135,000.00 Government Participation: 50 % Amount, $ 67,500.00

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	2,220.98	28,501.68	30,722.66	2220.98		
Supervision	300.00	5,668.91	5,968.91	300.00		
Technical Services	.00	350.00	350.00	—		
(3) Operating Mat'ls. and Supplies:						
Timber	391.92	5,427.66	5,819.58	—		
Explosives	.00	1,842.37	1,842.37	—		
Pipe	.00	819.66	819.66	—		
Track	.00	1,040.74	1,040.74	—		
Power	382.80	3,483.31	3,866.11	382.80		
Other	208.06	2,307.43	2,515.49	125.88		
(4) Operating Equipment:						
Rental						
Purchase	.00	3,808.79	3,808.79	—		
Depreciation	191.34	3,733.57	3,924.91	191.34		
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	150.76	1,437.08	1,587.84	8.16		
Sampling and Analysis	.00	103.00	103.00	—		
Payroll Taxes	77.95	1,043.41	1,121.36	77.95		
Liability Insurance	.00	95.05	95.05	—		
Workmens Comp.	127.28	1,570.01	1,697.29	127.28		
Other-See Sched.	358.70	2,583.74	2,942.44	120.00		
(8) Contingencies (specify):						
TOTALS	4,409.79	63,816.41	68,226.20	3554.39	63816.41	67370.80

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

Date Nov. 30, 1952 *Payee Snoose Mining Company

Per L. W. Moore Title For President

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

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

(Instructions on reverse)

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

$ 1777.20

Signature (Authorized Certifying Officer)

Date 12/18/52 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. Ida E-120 in accordance with the terms of the contract.

Signature Verda Z. Johnson Title Mining Engineer Date 12-11-52

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Thomas E Howard Title Min Engr Date 12/17/52

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.

GPO 83-38476

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 October 195 2 Docket No. DMEA 211 Contract No. Idm-E-120
Operator's Name Snoose Mining Company Minerals Lead and Zinc
Address Hailey, Idaho

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	feet	3,376.24	49	43,475.19	834.5	52.10	1380	35.00
Crosscutting	Feet	.00		14,125.73	230	61.42	150	35.00
Raising	feet	1,033.55	15	1,033.55	15	68.90	175	42.00
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		4,409.79		58,634.47				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased				3,808.79				11,250.00
Initial Rehabilitation and Repairs				4,782.94				4,200.00
New Buildings, Improvements, etc.				.00				.00
Rehabilitation		.00		1,000.00				1,000.00
TOTAL COSTS		4,409.79		68,226.20				16,450.00

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

Date Nov. 30, 1952 Operator Snoose Mining Company

Per L. H. Moore Title For President

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

REMARKS:
Cost of Raising includes cutting in and timbering adequate raise station for tugger installation.

(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

Month of October, 1952 Docket No. DMEA 211 Contract No. Idm-E 120
Operator's Name SNOOS MINING COMPANY Minerals Lead and Zinc
Address Hailey, Idaho
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

SCHEDULE OF COMPANY OWNED EQUIPMENT RENTED TO OPERATIONS:

1 Mucking Machine	1/2 Mo.	$ 16.67
2 Jack Hammers	1/2 Mo.	4.17
2 Air Sump Pumps	1/2 Mo.	4.58
2 Mine Cars	1/2 Mo.	2.50
1 Ford Pickup	1/2 Mo.	13.87
1 Pneumatic Saw	1/2 Mo.	.63
1 Hoist	1/2 Mo.	49.60
1 Air Compressor	1/2 Mo.	95.35
1 Motor Pump	1/2 Mo.	3.97
		$ 191.34

Operations of mine development ceased for the month of October on the 16th the day of fire.

Month of October ,1952 Docket No. DMEA 211 Contract No. Idm-E-120
Operator's Name SNOOSE[illegible]NING COMPANY Mine[illegible]s Lead and Zinc
Address Hailey, Idaho
Contract Amount $135,000.00 Government Participation 50 % Amount $67,500.00

PROGRESS REPORT FOR THE MONTH OF OCTOBER, 1952

Note: Reference is made to map No. C-100

TOTAL FOOTAGE

(1)	201 NW Drift	5 ft.
(2)	202 SE "	37 "
(3)	207 NW "	7 "
(4)	201 Raise	15 " plus raise station
	Total	64 ft.

Description

(1)	201 NW Drift	0-5 feet advance was along hanging wall of "A" vein. Small amount of Pb and Zn sulfides in vein.
(2)	202 SE Drift	0-37 feet advance was in fractured argillite. A gradual turn is being made to the right in effort to stay with the fault structure. Fe and $CaCO_2$ mineralization occured throughout the fractured argillite along with lesser amounts of Pb and Zn. Cave-in occured in this drift during the early part of the month. This was due to pump failure and flooding of the 200 ft. level.
(3)	207 NW Drift	0-7 feet advance was in massive gray limestone. Prominent asbestos mineralization occured along fractures. Work in this heading has been discontinued in favor of development along "A" vein.
(4)	201 Raise	0-15 feet advance was in argillite and fault zone containing 5" seam of H. G. Pb, Ag and Zn. This advance was made as a 50° incline and sq. set timbered allowing for manway and muck chute. Adequate raise station was cut for tugger installation and raise chute.

Underground operations for the month of October was confined to the period of October 1st - 16th. On the night of the 16th most of our surface installations were destroyed by fire. We managed to save the gallows frame, hoist house and most of our mine timber. Our loss in machinery and tools was complete except, for what we had down in the mine.

Immediately after the fire we installed a new compressor and started construction on a combination compressor, shop and changeroom building. By the first of November we were again working underground and advancing the 201 raise and 201 NW drift headings. At the present time we have almost completely replaced the machinery and tools lost in the fire.

We expect our future operations to be more efficient as a result of our new surface installations at the mine.

SNOOSE MINING COMPANY
HAILEY, IDAHO

COMPUTATION OF PAYROLL TAXES AND WORKMEN'S COMPENSATION INSURANCE
FOR PAYROLL FOR PERIOD OF OCTOBER 1 THROUGH 16, 1952

F.I.C.A. - Employer's Share:			
Gross Wages		$ 2,520.98	
Less individual excesses over $3600		522.32	
Taxable for F.I.C.A.		$ 1,998.66	
F.I.C.A. - 1.5% of taxable wages			$ 29.98
State Unemployment Insurance:			
Taxable Wages for F.I.C.A. (see above)		$ 1,998.66	
Less additional individual excess over $3000		.00	
Taxable for S.U.I.		$ 1,998.66	
S.U.I. - 2.1% of Taxable Wages			41.97
Federal Unemployment Tax Act Taxes:			
Taxable for F.U.T.A. (Same as for S.U.I.)		$ 1,998.66	
F.U.T.A. @ .3%			6.00
Workmen's Compensation Insurance:			
$ 763.39			
140.00	Less individual excesses over $5200		
$ 623.39	@ $3.50 per $100	$ 21.82	
$ 1,757.59	@ $6.00 per $100	105.46	
			127.28
Total payroll taxes and Workmen's Comp. Ins. Claimed for period Oct. 1, through Oct. 16, 1952			$ 205.23

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. 52

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

Voucher prepared at Spokane, Washington 11/20/52
(Give place and date)

THE UNITED STATES, Dr., Payee's Account No. Idm-E120

To Snoose Mining Company
(Payee)

Hailey, Idaho
(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	As per attached certified form MF-104 dated Oct. 22, 1952				3,697	53
PAYMENT: Complete ☐ Partial ☐ Final ☐		Use continuation sheet(s) if necessary					
Shipped from	to	Weight	Government B/L No.		Total	3,697	53

(Payee must NOT use this space)

Differences .....

Account verified; correct for 3,697 53

(Signature or initials) .....

Contract No. Idm-E120 Date Req. No. Date Invoice Rec'd.

3,697.53

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	3,697.53	3,697.53

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)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Defense Minerals Administration
NOV 2 1952

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of SEPTEMBER 1952 Docket No. DMEA 211 Contract No. IDM E-120
Operator's Name SHOOSE MINING COMPANY Minerals LEAD AND ZINC
Address HAILEY, IDAHO
Contract Amount, $ $135,000.00 Government Participation: 50 % Amount, $ $67,500.00

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	3,787.72	24,713.96	28,501.68			
Supervision	560.00	5,108.91	5,668.91			
Technical Services	.00	550.00	550.00			
(3) Operating Mat'ls. and Supplies:						
Timber	1,062.11	4,365.55	5,427.66			
Explosives	75.00	1,767.57	1,842.57			
Pipe	.00	819.66	819.66			
Track	54.42	986.32	1,040.74			
Power	445.10	3,088.21	3,533.31			
Other	560.23	2,147.81	2,708.04	183.65	2,123.78	2,307.43
(4) Operating Equipment:						
Rental						
Purchase	.00	3,559.59	3,559.59	249.20	3,559.59	3,808.79
Depreciation	382.63	3,350.94	3,733.57			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	118.95	1,318.13	1,437.08			
Sampling and Analysis	.00	108.00	108.00			
Payroll Taxes	138.12	905.29	1,043.41			
Liability Insurance	.00	95.05	95.05			
Workmen's Comp. Ins.	225.61	1,344.40	1,570.01			
Other -See Schedule	112.55	2,652.16	2,764.71	112.55	2471.19	2583.74
(8) Contingencies (specify):						
TOTALS	7,522.44	56,626.35	64,148.79	739.50	5,642.35	6,381.41

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

Date Oct. 22, 1952 *Payee SHOOSE MINING COMPANY

Per L. N. Moore For Title President

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

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

(Instructions on reverse)

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

$ 3697.53

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. ..... 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-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 2 - 1952

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of SEPTEMBER 195 2 Docket No. DMEA 211 Contract No. Idm-E-120
Operator's Name SNOOSE MINING COMPANY Minerals LEAD AND ZINC
Address HAILEY, IDAHO

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	feet	7,522.44	108.5	40,680.53	785.5	51.79	1380	35.00
Crosscutting	feet	.00	-0-	14,125.75	230	61.42	150	35.00
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		7,522.44		54,806.28				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased				3,559.59				11,250.00
Initial Rehabilitation and Repairs				4,782.94				4,200.00
New Buildings, Improvements, etc.				.00				.00
Rehabilitation				1,000.00				1,000.00
TOTAL COSTS		7,522.44		64,148.79				16,450.00

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

Date Oct. 22, 1952 Operator SNOOSE MINING COMPANY

Per L. N. Morse Title For President

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

Month of September, 1952 Docket No. DMEA 211 Contract No. Idm-E 120
Operator's Name SNOOSE MINING COMPANY Minerals Lead and Zinc
Address HAILEY, IDAHO
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

SCHEDULE OF COMPANY OWNED EQUIPMENT RENTED TO OPERATIONS:

1 Mucking Machine	$ 33,33
2 Jack Hammers @ $4.17	8.34
2 Air Sump Pumps	9.16
2 Mine Cars @ $2.50	5.00
1 Ford Pickup	27.75
1 Pneumatic Saw	1.25
1 Hoist	99.19
1 Air Compressor	190.70
1 Moter Pump	7.95
	$ 382.63

Month of September 1952 Docket No. DMEA 211 Contract No. Idm-E 120
Operator's Name SNOOS[illegible]MINING COMPANY Minerals Lead and Zinc
Address HAILEY, IDAHO
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

SCHEDULE OF OTHER EXPENSE - ITEM 7 - OTHER

	Monthly Totals	Totals Previously Reported	Totals to Date
Telephone	$ 10.87	$ 120.71	$ 131.58
Office Supplies & Postage	1.68	159.84	161.52
Bookkeeping Service	100.00	2,371.61	2,471.61
	$ 112.55	$ 2,652.16	$ 2,764.71

*Reduced by $5.00 your letter of September 16, 1952.

Month of September, 1952 Docket No. DMEA 211 Contract No. Idm-E-120
Operator's Name SNOOSHINING COMPANY Minerals Lead and Zinc
Address Hailey, Idaho
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

PROGRESS REPORT FOR THE MONTH OF SEPTEMBER, 1952

Note: Reference is made to map No. C-100

Total Footage

(1)	201 NW Drift	6.0 ft.
(2)	206 NW "	12.0 "
(3)	202 SE "	97.5 "
(4)	207 NW "	53.0 "
	Total	168.5 ft.

Description

(1) 201 NW Drift - 0-6 feet advance was along hanging wall of "A" vein in broken and folded argillite. The hanging wall dip has become very flat (14°).

(2) 206 NW Drift 0-12 feet advance was along hanging wall of "A" vein and H.G. pocket of ore. The drift was driven for the purpose of a sidetrack for mine cars and since this is now accomplished work on this heading has been discontinued.

(3) 202 SE Drift 0-8 feet advance was in fractured argillite.
8-85 feet advance was in broken argillite and small amounts of limestone. Small pocket of H.G. Pb, Ag was cut at approximately 30 feet. Cave-ins are frequent in this area due muddy slips and prevalent water. Fe, Qtz and $CaCO_2$ mineralization are abundant in this section of drift.
85-97.5 feet advance was in argillite containing small amounts of Fe and Qtz mineralization.

(4) 207 NW Drift 0-53 feet advance was along NW fault zone in gray massive limestone. Qtz, Zn and asbestos mineralization occured along fractures in the limestone.

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. Wash.

Bu. Vou. No. DMA-462

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

Voucher prepared at Albany, Oregon 10/24/52
(Give place and date)

THE UNITED STATES, Dr., Payee's Account No. Idm-E-120

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 28 1952

To Snoose Mining Co.,
(Payee)
Hailey, Idaho
(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 net	QUANTITY	UNIT PRICE Cost	UNIT PRICE Per	AMOUNT Dollars	AMOUNT Cts.
	August 1952	As per attached certified form MF-104 dated September 24, 1952				3,820	98
PAYMENT: Complete ☐ Partial ☐ Final ☐		Use continuation sheet(s) if necessary					
Shipped from	to	Weight	Government B/L No.		Total	3,820	98

(Payee must NOT use this space)

Differences

Account verified; correct for 3,820 98

(Signature or initials)

Contract No. Idm-E-120 Date Req. No. Date Invoice Rec'd.

3,820.98

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	3,820.98	3,820.98

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.)
(April 1952)

Wash

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 28 1952

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of August 195 2 Docket No. DMEA 211 Contract No. Idm-E-120
Operator's Name SNOOSE MINING COMPANY Minerals LEAD & ZINC
Address Hailey, Idaho
Contract Amount, $ 135,000.00 Government Participation: 50% Amount, $ 67,500.00

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	4,048.08	20,665.88	24,713.96	✓	✓	✓
Supervision	560.00	4,548.91	5,108.91	✓	✓	✓
Technical Services	.00	350.00	350.00	✓	✓	✓
(3) Operating Mat'ls. and Supplies:						
Timber	492.79	3,872.76	4,365.55	✓	✓	✓
Explosives	531.23	1,236.14	1,767.37	✓	✓	✓
Pipe	2.08	617.58	619.66	✓	✓	✓
Track	23.29	933.03	956.32	✓	✓	✓
Power	355.55	2,682.66	3,038.21	355.55	2682.66	3038.21
Other	230.60	1,917.21	2,147.81	206.57	1917.21	2123.78
(4) Operating Equipment:						
Rental				✓	✓	✓
Purchase	513.00	3,046.50	3,559.50	✓	✓	✓
Depreciation	392.63	2,958.31	3,350.94	✓	✓	✓
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	.00	1,318.13	1,318.13	✓	✓	✓
Sampling and Analysis	5.50	99.50	105.00	✓	✓	✓
Payroll Taxes	149.30	755.99	905.29	✓	✓	✓
Liability Insurance	.00	95.05	95.05	✓	✓	✓
Workmen's Comp. Ins.	227.25	1,117.15	1,344.40	✓	✓	✓
Other See Schedule	350.67	2,324.49	2,675.16	146.70	2,324.49	2,471.19
(8) Contingencies (specify):						
TOTALS	7,849.97	48,779.58	56,629.55	1,641.97	48,779.38	56,421.38

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

Date Sept. 24, 1952 Payee Snoose Mining Co.

Per [signature] Title President

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

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

(Instructions on reverse)

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

$3,820.98

Signature [signature]
(Authorized Certifying Officer)

Date 10/30/52 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. ..... 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.

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 28 1952

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 1952 Docket No. DMEA 211 Contract No. Idm-E-120
Operator's Name SNOOSE MINING COMPANY Minerals LEAD & ZINC
Address Hailey, Idaho

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	feet	6,428.56	145	(a) 35,161.09	617	55.75	1580	55.00
Crosscutting	feet	.00	-0-	(b) 14,125.73	230	61.42	150	55.00
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		6,428.56		47,286.82			Total Costs Authorized by Contract	
Operating Equipment Purchased		513.00		3,559.59				11,250.00
Initial Rehabilitation and Repairs		.00		4,782.94				4,200.00
New Buildings, Improvements, etc.		.00		.00				.00
Rehabilitation		.00		1,000.00				1,000.00
Total Costs		6,941.56		56,629.35				16,450.00

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

Date Sept. 24, 1952 Operator Snoose Mining Co.

Per A. M. Jensen Title President

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

(Instructions on reverse)

Remarks: Wages disallowed at time incurred but later allowed because of union agreement being made retroactive see schedule.
added-
Drifting 296.15
Crosscutting 619.26

(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

Region II

P. . Box 492
Albany, Oregon

October 24, 1952

Snoose Mining Company
Hailey, Idaho.

Reference: August MF-104
Contract Ida-B-120

Gentlemen:

In the August MF-104 sub itted for payment the following were deleted:

1. All office supply invoices except charges for blue printing, as they are not covered under terms of the contract.

2. Fowler Auto Company for $19.18 and Sawtooth Motor for $4.25. These invoices must show what pieces of equipment were serviced. These may be resubmitted in a subsequent MF-104, if properly identified.

3. Accounting service. Only $100.00 allowable, see memorandum of September 23, 1952.

Very truly yours

. Dalon Lee
Finance Officer

rjh
cc: R/T
Contract
Mgr. MF-104
Auct. (2)
Folder (1)

Month of August, 19[illegible] Docket No. DMEA 211 Con[illegible]ct No. Idm-E 120
Operator's Name SNOOSE MINING COMPANY Minerals LEAD AND ZINC
Address Hailey, Idaho
Contract Amount $155,000.00 Government Participation 50% Amount $67,500.00

PROGRESS REPORT FOR THE MONTH OF AUGUST, 1952:

Note: Reference is made to map No. C-100

Total Footage

(1) 201 NW Drift		96 feet
(2) 202 SE	"	25 "
(3) 204 NW	"	10 "
(4) 205 SE	"	8 "
(5) 206 NW	"	6 "
Total		145 feet

Description

(1) 201 NW Drift - 0-65 feet advance was along the footwall of "A" vein in broken and folded argillite.

65-74 feet advance was in ore varying in thickness from 0-1.7'. Assays are as follows:

Au	Ag	% Pb	% Zn
0.04	8.4	3.8	55.4

74-96 feet advance was in waste consiting of broken argillite and fault gouge.

(2) 202 SE Drift 0-25 feet advance was in fractured argillite. Much water was encountered which slowed our progress.

(3) 204 NW Drift 0-10 feet advance in fractured, massive limestone. Work was discontinued in favor of 202 SE Drift.

(4) 205 SE Drift 0-8 feet advance in fractured limestone and intersection of two faults.

(5) 206 NW Drift 0-6 feet advance in broken argillite. This drift is being driven to enable us to side-track our mine cars while advancing 201 NW Drift. This drift will also furnish information in regards to the size of an immediate ore body.

Month of August, 1952 Docket No. DMEA 211 Contract No. Idm-E 120
Operator's Name SNOOSE MINING COMPANY Minerals Lead and Zinc
Address HAILEY, IDAHO
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

SCHEDULE OF COMPANY OWNED EQUIPMENT TO OPERATIONS:

1 - Mucking Machine	$ 33.33
2 - Jack Hammers @ $4.17	8.34
2 - Air Sump Pumps	9.16
2 - Mine Cars @ $2.50	5.00
1 - Ford Pickup	27.73
1 - Pneumatic Saw	1.25
1 - Hoist	99.19
1 - Air Compressor	190.70
1 - Motor Pump	7.93
	$ 382.63

Month of August, 1[illegible] Docket No. DMEA 211 [illegible]tract No. Idm-E 120
Operator's Name SNOOSE MINING COMPANY [illegible]inerals LEAD AND ZINC
Address Hailey, Idaho
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

SCHEDULE OF OTHER EXPENSE - ITEM 7 - OTHER

	Monthly Totals	Totals Previously Reported	Totals to Date
Telephone	$ 20.00	$ 100.71	$ 120.71
Office Supplies and Postage	60.67	99.17	159.84
Bookkeeping Service	250.00	2,124.61	2,374.61
	$ 330.67	$ 2,324.49	$ 2,655.16

SNOOSE MINING COMPANY
HAILEY, IDAHO

A.
Computation of Excess of Wages Paid Over Wages at rates not Allowed by Defense Minerals Exploration Administration — September, 1951 through January, 1952

	Wages Actually Paid	Wages at Rates Allowed by DMEA	Excess
September, 1951	$ 2,850.04	$ 2,662.47	$ 187.57
October, 1951	3,133.65	2,937.14	196.51
November, 1951	3,307.80	3,094.78	213.02
December, 1951	2,743.99	2,569.00	174.99
January, 1952	1,992.43	1,897.95	94.48
Totals	$14,007.91	$13,161.34	$ 846.57

B.
Payroll Taxes and Workmen's Comp. Ins. on This Excess

F.I.C.A. @ 1.5% of $846.57			$ 12.70
State Unemp. Comp:			
1951 - 1.9% on	$752.09	$ 14.29	
1952 - 2.1% on	94.48	1.98	16.27
Work Comp. Ins. @ 3.85%			32.59
F.U.T.A.			
1952 -.3% on $94.48			.28
			$ 61.84

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-395

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

Voucher prepared at Albany, Oregon 10/1/52
(Give place and date)

THE UNITED STATES, Dr., Payee's Account No. Idm-E-120

To Snoose Mining Company,
(Payee)

Hailey, Idaho
(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.
	July 1952	Discount Terms net As per attached certified form MF-104 dated August 24, 1952				2,580	78
PAYMENT: Complete ☐ Partial ☐ Final ☐		Use continuation sheet(s) if necessary					

Shipped from to Weight Government B/L No. Total 2,580 78

(Payee must NOT use this space)

Differences .....

Account verified; correct for 2,580 78

(Signature or initials) .....

Contract No. Idm-E-120 Date Req. No. Date Invoice Rec'd.

2,580.78

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	2,580.78	2,580.78

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.)
(April 1952)

Wash

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
OCT 1 52

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of July, 195 2 Docket No. DMEA 211 Contract No. IDM 2-120
Operator's Name SNOOSE MINING CO. Minerals LEAD AND ZINC
Address HAILEY, IDAHO
Contract Amount, $ 135,000.00 Government Participation: 50 % Amount, $ 67,500.00

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	3,015.12	17,650.76	20,665.88	✓	✓	✓
Supervision	560.00	3,988.91	4,548.91	✓	✓	✓
Technical Services	.00	350.00	350.00		✓	✓
(3) Operating Mat'ls. and Supplies:						
Timber	28.25	3,844.51	3,872.76	✓	✓	✓
Explosives	.00	1,236.14	1,236.14		✓	✓
Pipe	7.25	810.33	817.58	✓	✓	✓
Track	17.37	945.66	963.03	✓	✓	✓
Power	364.80	2,317.86	2,682.66	✓	✓	✓
Other	45.84	1,871.37	1,917.21	✓	✓	✓
(4) Operating Equipment:						
Rental						
Purchase	.00	3,046.59	3,046.59		✓	✓
Depreciation	382.63	2,585.68	2,968.31	✓	✓	✓
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	139.40	1,178.75	1,318.15	✓	✓	✓
Sampling and Analysis	31.00	68.50	99.50	✓	✓	✓
Payroll Taxes	112.15	643.84	755.99	✓	✓	✓
Liability Insurance	.00	95.05	95.05		✓	✓
Workmen's Comp. Ins.	190.51	926.64	1,117.15	✓	✓	✓
Other-See Schedule	270.24	2,057.25	2,327.49	267.24	2,057.25	2,324.49
(8) Contingencies (specify):						
TOTALS	5,164.56	43,617.82	48,782.38	5161.56	43617.82	48779.38

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

Date August 24, 1952 Payee SNOOSE MINING COMPANY

Per A. M. Jensen Title President

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

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

(Instructions on reverse)

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

$ 2,580.78

Signature Wash
(Authorized Certifying Officer)

Date 9-30-52 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. Nay E120 in accordance with the terms of the contract.

Signature Horace D. Pence Title Min Eng. Date Nov E120

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Thomas E Howard Jr Title Min Engr Date 9/15/52

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-R1161
Certain Approval expires 6-30-53.
Defense Minerals Administration
RECEIVED
OCT 1 52

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of JULY 195 2 Docket No. DMEA 211 Contract No. IDM - E- 120
Operator's Name SMOOSE MINING CO. Minerals LEAD & ZINC
Address HAILEY, IDAHO

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
		3,603.99		26,[illegible]338				
Drifting	feet	[illegible]	88	28,448.88	472	56.05	1280	55.00
Crosscutting	feet	1,557.57	38	15,503.47	250	58.72	180	55.00
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
		5,161.56		39,949.85				
TOTAL DISTRIBUTED COSTS		[illegible]	126	89,952.85				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased		-0-		8,048.59				11,250.00
Initial Rehabilitation and Repairs		-0-		4,782.94				4,200.00
New Buildings, Improvements, etc.		-0-		.00				.00
Rehabilitation		-0-		1,000.00				1,000.00
TOTAL COSTS				[illegible]				18,450.00

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

Date AUGUST 24, 1952 Operator SMOOSE MINING CO.

Per [signature] Title PRESIDENT

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

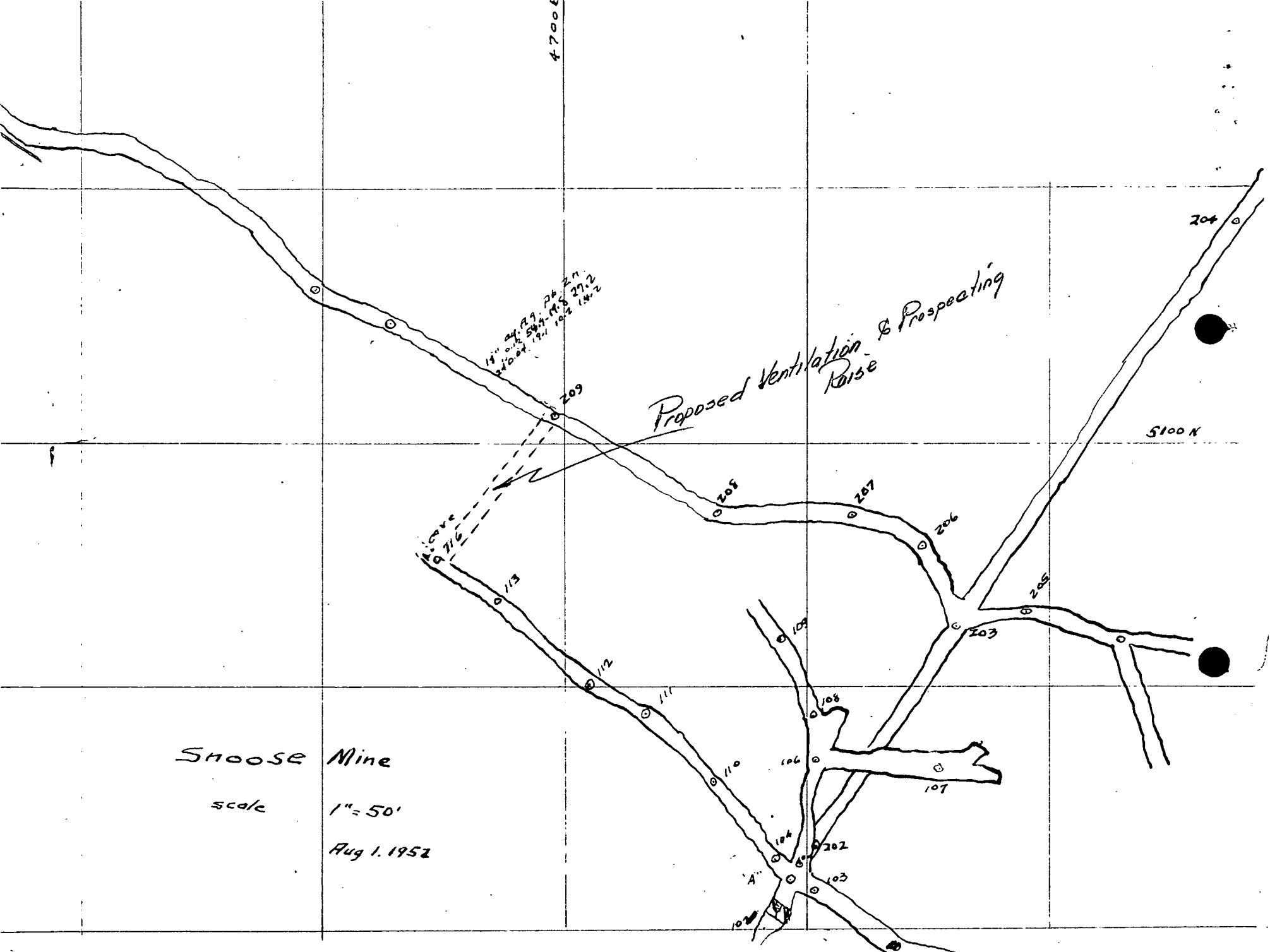
Month of JULY, 1952 Docket No. DMEA 211 Contract No. Idm-E 120
Operator's Name SMOOSE MINING COMPANY Minerals LEAD AND ZINC
Address HAILEY, IDAHO
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

PROGRESS REPORT

The N. W. drift was advanced 88 feet for the month. This drift is getting too far from the shaft for good circulation of air, which is slowing up the progress. Would recommend running a raise from station #209 to connect with station #116 on the 100 feet level. This would serve two purposes: one for air circulation and the other for developing the upward extension of an ore shoot at this point.

The N. E. cross cut was advanced 38 feet for the month in blocky lime. Further development in this cross cut will be drifting on the vein at or near station #204.

Total advance for the month 126 feet.


4700 E
5100 N
Proposed Ventilation & Prospecting Raise
Cave
716
209
208
207
206
205
204
203
202
113
112
111
110
109
108
107
106
104
103
102
"A"
Shoose Mine
scale
1" = 50'
Aug 1. 1952

Standard Form No. 1034 a—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-325

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

Voucher prepared at Albany, Oregon 8/12/52
(Give place and date)

THE UNITED STATES, Dr., Payee's Account No. Idm E-120

To Snoose Mining Company,
(Payee)

Hailey, Idaho
(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.
	June 1952	Per attached certified Form MF-104, dated June 14, 1952				2,915	66
PAYMENT: Complete ☐ Partial ☐ Final ☐		Use continuation sheet(s) if necessary					
Shipped from	to	Weight	Government B/L No.		Total	2,915	66

(Payee must NOT use this space)

Differences .....

Account verified; correct for 2,915 66

(Signature or initials) .....

Contract No. Idm E-120 Date Req. No. Date Invoice Rec'd.

2,915.66

MEMORANDUM

5

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	2,915.66	2,915.66

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-104a (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

Month of June 195 2 Docket No. DMEA 211 Contract No. Idm E-120
Operator's Name SNOOSE MINING CO. Minerals Lead and Zinc
Address Hailey, Idaho
Contract Amount, $ 135,000.00 Government Participation: 50 % Amount, $ 67,500.00

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	2,955.08	14,695.68	17,650.76			
Supervision	560.00	3,428.91	3,988.91			
Technical Services	.00	350.00	350.00			
(3) Operating Mat'ls. and Supplies:						
Timber	.00	3,844.51	3,844.51			
Explosives	209.94	1,026.20	1,236.14			
Pipe	2.54	807.99	810.53			
Track	10.81	934.85	945.66			
Power	345.40	1,972.46	2,317.86			
Other	495.70	1,375.67	1,871.37			
(4) Operating Equipment:						
Rental						
Purchase	.00	3,046.59	3,046.59			
Depreciation	382.65	2,203.05	2,585.68			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	282.58	896.15	1,178.73			
Sampling and Analysis	7.00	61.50	68.50			
Payroll Taxes	118.99	524.85	643.84			
Liability Insurance	.00	95.05	95.05			
Workmen's Comp. Ins.	166.90	759.74	926.64			
Other-See Schedule	273.95	1,783.30	2,057.25			
(8) Contingencies (specify):						
TOTALS	5,831.32	37,786.50	43,617.82	5831.32	37,786.50	43,617.82

I certify that the above bill is correct and just and that payment therefor has not been received.
Date June 14, 1952 Payee SNOOSE MINING COMPANY
Per A. M. Larsen Title President

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

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

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:
$ 2915.66

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. 1dm-E120 in accordance with the terms of the contract.

Signature Thomas E Howard Title Mining Engr. Date 7-21-52

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

5

Month of June 1952 Docket No. DMEA 211 Contract No. Idm-E-120

Operator's Name Snoose Mining Company Minerals Lead and Zinc

Address Hailey, Idaho

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	feet	4,722.55	115	22,889.89	384	59.48	1580	35.00
Crosscutting	"	1,108.77	27	11,948.90	192	62.28	150.	35.00
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		5,831.32		34,788.29				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased		-0-		3,046.59				11,250.00
Initial Rehabilitation and Repairs		-0-		4,782.94				4,200.00
New Buildings, Improvements, etc.		-0-		.00				.00
Rehabilitation				1,000.00				1,000.00
TOTAL COSTS				8,829.53				16,450.00

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

Date June 14, 1952 Operator Snoose Mining Company

Per _____ Title President

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

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

Month of June 1952 Docket No. DMEA 211 Contract No. Idm-E 120
Operator's Name SNOOSE MINING COMPANY Minerals Lead and Zinc
Address Hailey, Idaho
Contract Amount $ 135,000.00 Government Participation 50% Amount $ 67,500.00

SCHEDULE OF COMPANY OWNED EQUIPMENT RENTED TO OPERATION

1 - Mucking Machine	$ 33.33
2 - Jack Hammers @ 4.17	8.34
2 - Air Sump Pumps @ 4.58	9.16
2 - Mine Cars @ 2.50	5.00
1 - Ford Pickup	27.73
1 - Pneumatic Saw	1.25
1 - Hoist	99.19
1 - Air Compressor	190.70
1 - Motor Pump	7.93
	$ 382.63

Month of June 1952 Docket No. DMEA 211 Contract No. Idm-E 120
Operator's Name Snoose Mining Company Minerals Lead and Zinc
Address Hailey, Idaho
Contract Amount $ 135,000.00 Government Participation 50% Amount $67,500.00

SCHEDULE OF OTHER EXPENSE - ITEM 7 - OTHER	Monthly Totals	Total Previously Reported	Total to Date
Telephone	$ 20.00	$ 64.52	$ 84.52
Office Supplies & Postage	3.95	94.17	98.12
Bookkeeping Service	250.00	1,624.61	1,874.61
	$ 273.95	$1,783.30	$2,057.25

Month of June 1952 Docket No. DMEA 211 Contract No. Idm-E 120
Operator's Name SNOOSE MINING COMPANY Minerals Lead and Zinc
Address Hailey, Idaho
Contract Amount $ 135,000.00 Government Participation 50% Amount $ 67,500.00

PROGRESS REPORT

The northwest drift was advanced 104 feet for the month. The last 10 feet of this is in ore, which shows 3 feet in the back of the drift and 4 feet in the bottom. Dip 30 N.E., strike N 60 W. Assay on 4 foot cut: Au 0.04 Ag 15 Pb 5. Zn II

I cross cut was advanced 27 feet. No change in formation.

The south east drift was advanced II feet. Due to the heavy flow of water causing half of the holes to miss this was discontinued until we could get electric blasting caps which have been ordered.

The absenteeism and turnover on the payroll has been very costly to us lately. The labor supply isn't good. We are only able to pick up a few drifters.

Total advance for the month 142 feet.

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-281

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

Voucher prepared at Albany, Oregon (Give place and date) 7/3/52

THE UNITED STATES, Dr., Payee's Account No. Idm-120

To Snoose Mining Company,
(Payee)

423 First Nat'l Bank Bldg., Bpise, Idaho
(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.
		Discount Terms net					
	February - April 1952	As per attached Certified Form MF-104 dated May 15, 1952				2,095	73
	May 1952	As per attached Certified Form MF-104 dated May 15, 1952				2,954	33
PAYMENT: Complete ☐ Partial ☐ Final ☐		Use continuation sheet(s) if necessary					

Shipped from to Weight Government B/L No. Total 5050 06

(Payee must NOT use this space)

Differences .....

Account verified; correct for 5,050 06

(Signature or initials) .....

Contract No. Idm-E 120 Date Req. No. Date Invoice Rec'd.

5,050.06

JUL 7 - 1952

MEMORANDUM

ACCOUNTING CLASSIFICATION (For completion by Administrative Office)

Appropriation, limitation, or project symbol	Appropriation title	Limit'n. or Proj't. Amount	Appropriation Amount
14X1401	Revolving Fund, Defense Production Act, Interior	5,050.06	5,050.06

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.)
(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

Month of May 195 2 Docket No. DMEA 211 Contract No. Idm-E-120

Operator's Name Snoose Mining Company Minerals Lead and Zinc

Address Hailey, Idaho

Contract Amount, $ 135,000.00 Government Participation: 50% Amount, $ 67,500.00

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	3,302.78	12,242.31	15,545.09			
Supervision	560.00	3,080.00	3,640.00			
Technical Services	350.00	.00	350.00			
(3) Operating Mat'ls. and Supplies:						
Timber	.00	3,844.51	3,844.51			
Explosives	.00	1,026.20	1,026.20			
Pipe	.00					
Track	.00					
Other	109.14	3,026.32	3,135.46			
Power	342.70	1,718.70	2,061.40			
(4) Operating Equipment:						
Rental	.00					
Purchase	325.53	2,949.06	3,274.59			
Depreciation	382.63	1,885.37	2,268.00			
(5) Initial Rehabilitation and Repairs	.00					
(6) New Bldgs., Improvements, etc.	.00					
(7) Miscellaneous:						
Repairs to Equipment	136.84	813.05	949.89			
Sampling and Analysis	75.50	51.00	126.50			
Payroll Taxes	139.06	423.96	563.02			
Liability Insurance	.00	95.05	95.05			
Workmen's Comp. Ins.	207.77	582.66	790.43			
Other-See Schedule	269.71	1,604.02	1,873.73			
(8) Contingencies (specify):						
TOTALS	6,201.66	33,342.21	39,543.87	5908.66	31,877.84	37,786.50

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

Date June 14,1952 Payee Snoose Mining Company

Per [signature] Title President

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

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

(Instructions on reverse)

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

$ $2,954.33

Signature [signature] (Authorized Certifying Officer)

Date 7/3/52 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. [illegible] in accordance with the terms of the contract.

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

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] Title [illegible] Date 6/24

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 MM-101A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of May 195 2 Docket No. DMEA 211 Contract No. Idm-E-120
Operator's Name Snoose Mining Company Minerals Lead and zinc
Address Hailey, Idaho

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	feet	5,876.15	99	18,169.34	269	67.62	1580	35.00
Crosscutting	"	.00	-0-	10,840.15	165	65.70	150	35.00
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		325.58		3,274.59				11,250.00
Initial Rehabilitation and Repairs		.00		4,782.94				4,200.00
New Buildings, Improvements, etc.		.00		.00				.00
Rehabilitation		.00		2,456.87				1,000.00
TOTAL COSTS		325.58		10,514.40				16,450.00

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

Date June 14, 1952 Operator Snoose Mining Company

Per A M Jensen Title President

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

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : W. Rulon Lee

DATE: June 24, 1952

FROM : T. E. Howard

SUBJECT: May invoice, Snoose Mining Company, Contract Idm-E120

The subject invoice is approved for vouchering with the following exceptions:

1 - Electric furnace	$65.00
2 - Electric drill	88.00
and Bench drill stand	45.00
3 - No. 25 Little Giant screw plate	95.20
	293.20

The above are items of equipment costing more than $50.00 and are not specified in the contract. The drill and stand should be considered one unit.

T. E. Howard

cc: W. Rulon Lee

U. S. BUREAU OF MINES
RECEIVED
JUN 26 1952
ALBANY, OREGON

Month of May, 1952 Docket No. DMEA 211 Contract No. Idam-E 120
Operator's Name SNOOSE MINING COMPANY Minerals Lead and Zinc
Address HAILEY, IDAHO
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

PROGRESS REPORT

The northwest drift was advanced 56 feet for the month. 25 feet of this advance was in ore from two to three feet wide, assaying Au 0.04 Ag 11.40 Pb 4.2 Zn 10.3. At this point the ore pinched out, then the drift was advanced 20 feet in all waste. The last two rounds in the drift is in ore again of about the same grade and size. The south east drift was advanced 57 feet on a cross stringer. This work has been discontinued, and the drift on the vein is being driven. This was advanced 5 feet, making a total of 98 feet for the month.

One of our mucking machines broke down May 24, and the upper motor was sent to Eimco Manufacturing Company in Salt Lake City for repairs. This has delayed our progress somewhat.

The high water in Wood River is still threatening our bridge. It was necessary to take some of the men from the mine to haul rock to save the abutments and bridge.

Month of May, 1952 Docket No. DMEA 211 Contract No. Idm-E 120
Operator's Name SNOOSE MINING COMPANY Minerals Lead and Zinc
Address HAILEY, IDAHO
Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

SCHEDULE OF OTHER EXPENSES - ITEM 7 - OTHER

	Montly Totals	Totals Previously Reported	Total to Date
Telephone	$ 12.06	$ 60.00	$ 72.06
Office Supplies & Postage	7.65	86.52	94.17
Bookkeeping Services	250.00	1,450.00	1,700.00
Medical Examination	.00	7.50	7.50
	$ 269.71	$ 1,604.02	$ 1,873.73

Month of May, 1952 Docket No. DMEA 211 Contract No. Idm-E 120

Operator's Name SNOOSE MINING COMPANY Minerals Lead and Zinc

Address HAILEY, IDAHO

Contract Amount $135,000.00 Government Participation 50% Amount $67,500.00

SCHEDULE OF COMPANY OWNED EQUIPMENT RENTED TO OPERATIONS

1 - Mucking Machine	$ 33.33
2 - Jack Hammers @ 4.17	8.34
2 - Air Sump Pumps @ 4.58	9.16
2 - Mine Cars @ 2.50	5.00
1 - Ford Pickup	27.73
1 - Pneumatic Saw	1.25
1 - Hoist	99.19
1 - Air Compressor	190.70
1 - Motor Pump	7.93
	$ 382.63

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 170

Name of Operator SNOOSE MINING COMPANY
Docket No. DMA 211
Total Contract Amount $ 135,000.00
Government Participation: 50 % Amount, $ 67,500.00
Distribution of Expenditures for Month of Feb. 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. 6

6 - *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.

Defense Minerals Administration
RECEIVED
JUL 7 - 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.

SNOOSE MINING COMPANY
(Name of Company)

By A M Jensen
(Signature of Authorized Official)

May 15, 1952
(Date)

PRESIDENT
(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						
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]	710.00	2,239.06	2,949.06			
(b) Rented[2]	205.19	1,680.18	1,885.37			
(c) Furnished by operator						
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

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]	2,080.97	10,161.54	12,242.51			
5. Supervision	560.00	2,520.00	3,080.00			
6. Supplies						
(a) Timber	9.27	3,835.24	3,844.51			
(b) Explosives	468.60	557.60	1,026.20			
(c) Repair Parts	325.83	487.22	813.05			
(d) Other	197.15	2,829.17	3,026.32			
7. Power	607.80	1,110.90	1,718.70			
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability	.00	95.05	95.05			
(c) Workmen's Compensation	134.46	448.20	582.66			
10. Contract Work						
11. Other (specify)						
F.I.C.A.	39.61	150.13	189.74			
State Unemployment	55.46	178.76	234.22			
See attached	261.50	1,393.52	1,655.02	254.00		
Total	5,655.84	27,686.37	33,342.21	5648.34		
Deletions				1456.87		
Adjusted totals						
Totals previously reported						
Totals to date				4191.47	27,686.37	31,877.84

[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 B Sawyer
Entered by
Approved by Thomas E. Howard
Amount approved for payment 2095.93
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	852.54	95.66	1,568.03	172.74	2,488.97	feet	74 *	171	245	2500
Crosscutting						feet	0	165	165	150
Raising		710.00			710.00					
Shafts										
Winzes										
Drill holes	* Note - Includes footage from January									
Overburden										
Rehabilitation and preparation	1,788.43	109.53	240.62	518.29	2,456.87	See amendment #4 - Exhibit F of contract - $1,000.00 allowed for snow removal and pumping out and rehabilitating the shaft and mine workings. Project completed.				
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	2,640.97	915.19	1,608.65	491.03	5,655.84					

[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

Name of Operator [illegible]OSE MINING COMPANY
Docket No. DMA 211
Total Contract Amount $135,000.00
Government Participation $67,500.00
Distribution of Expenditures for the Month of April 1962

PROGRESS REPORT

On April 3 started clearing snow from road and around buildings, also other work preparatory to de-watering.

April 14 started pumps to de-water mine. Kept pumps going continuously on three shifts till April 21, and in addition 2 days were required to replace pump, clean up drifts and put equipment back in shape after being under water for 3 1/2 months.

Started underground operations again April 25. Since then we have lost a couple of shifts due to high water threatening to wash the bridge out across Wood River. This necessitated using the men from the mine to haul rock to save the bridge.

Advance since the last report: Northwest drift 32.8 feet, Southeast drift 41.6 feet. Northwest drift shows these stringers of ore from 6 inches to 8 inches in width.

Assays on 8" streaks: Au 0.12 Ag 54.90 Pb 19.8 Zn 27.2

Assays on material between streaks: Au 0.02 Ag 1.20 Pb 0.2 Zn 2.6

Drive shaft in Eimco mucking machine broke causing the loss of one round.

Name of Operator SMOOS[illegible]INING COMPANY
Docket No. BMA 211
Total Current Amount $135,000.00
Government Participation $ 67,500.00
Distribution of Expenditures for the Month of April 1952

SCHEDULE OF OTHER EXPENSE		Monthly Totals	Totals Prev. Reported	Total To Date
Telephone - April	$ 20.00			
* " - January	20.00	$ 40.00	$ 20.00	$ 60.00
Bookkeeping Service		200.00	1,250.00	1,450.00
Assay Charges		14.00	37.00	51.00
Medical Exam of Employee		7.50		7.50
Postage and Office Expense			86.52	86.52
		$ 261.50	$ 1,393.52	$ 1,655.02

* The January telephone bill for $20.00 was disallowed because of lack of supporting bill. We are enclosing statement from Scherer, Moore & Rife in the amount of $49.06 for long distant telephone calls charged to them for Smoose Mining Company business.

Name of Operator [illegible]COSE MINING COMPANY
Docket No. DMA 211
Total Contract Amount $135,000.00
Government Participation $ 67,500.00
Distribution of Expenditures for the month of April 52

SCHEDULE OF COMPANY OWNED EQUIPMENT RENTED TO OPERATIONS

1 - Mucking Machine	1/2 Month	$ 16.67
2 - Jack Hammers @ 4.17 per mo.	1/2 Month	4.17
2 - Air Sump Pumps @ 4.58 per mo.	1/2 Month	4.58
2 - Mine Cars @ 2.50 per mo.	1/2 Month	2.50
1 - Ford Pickup	full month	27.73
1 - Pneumatic Saw	1/2 Month	.63
1 - Hoist	1/2 Month	49.59
1 - Air Compressor	1/2 Month	95.55
1 - Motor Pump	1/2 Month	3.97
		$ 205.19

The pickup was used the full month in the snow removal and other work. Pumping started on April 14, therefore are charging 1/2 month rent for the other equipment. Although some of the equipment did not come into use until April 21 we assume that further break down would not be practical.

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : W. Rulon Lee

DATE: June 17, 1952

FROM : T. E. Howard

SUBJECT: April 1952 invoice, Snoose Mining Co., Contract Idm-E120

The subject report, corrected by the Operator, is approved and is transmitted herewith for vouchering.

You will note that the amount allowed in Amendment No. 4 for snow removal and rehabilitation after the winter shutdown has been exceeded by $1,456.88, so that a deletion in this amount will have to be made.

T. E. Howard

U. S. BUREAU OF MINES
RECEIVED
JUN 19 1952
ALBANY, OREGON

Name of Operator SNOOSE MINING COMPANY
Docket No. DMA 211
Total Contract $135,000.00
Government Participation $67,500.00
Distribution of Expenditures for month of- April 1952

	Amount of Invoice	2(a) Equipment Purchased	2(b) Equipment Rented	4 Labor	5 Supervision	6(a) Timber	6(b) Explosives	6 (c) Repair Parts	6(d) Other	7 Power	9(c) Workmen's Comp.	11(a) F.I.C.A.	11(b) State Unempl.	11(c) Other
Joy Manufacturing Co.	$ 710.00	$ 710.00	$	$	$	$	$	$	$	$	$	$	$	$
Payroll	2,640.97			2,080.97	560.00									
Payroll (Sch.3)	229.53										134.46	39.61	55.46	
Sawtooth Motor (Invoices)	13.15								13.15					
Nickerson Mach. Co.	21.70							21.70						
Joy Manufacturing Co.	67.47							67.47						
Fowler Auto Co.	28.59								28.59					
Idaho Power Co.	607.80									607.80				
Garrett Freight Lines - 2683390	14.21							14.21						
Standard Oil of California	8.60							8.60						
Idaho Assay Office	14.00													Assay 14.00
Earl W. Fox M. D.	7.50													Med.Ex.7.50
Francis Jones	621.90						468.60		153.30					
Francis Jones	2.11								2.11					
Board Bros.	9.27					9.27								
Scherer, Moore & Rife	200.00													Accty.200.00
Roger Pierce Equipment Company	212.40							212.40						
Scherer, Moore & Rife - Jan.	20.00													Tel. 20.00
Mountain States Tel & Tel Co.	20.00													Tel. 20.00
Garrett Freight Lines - 2711828	1.45							1.45						
Schedule of Company Owned Equipment rented to Operations	205.19		205.19											
Totals	$5,655.84	$ 710.00	$ 205.19	$2,080.97	$ 560.00	$ 9.27	$ 468.60	$ 325.83	$ 197.15	$ 607.80	$ 134.46	$ 39.61	$ 55.46	$ 261.50

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 120

Name of Operator [illegible] MINING COMPANY
Docket No. DMA 211
Total Contract Amount $ 135,000.00
Government Participation: 50 % Amount, $ 67,500.00
Distribution of Expenditures for Month of January 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
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.

[illegible] MINING COMPANY
(Name of Company)

By A. M. Jensen
(Signature of Authorized Official)

February 11, 1952
(Date)

President
(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						
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]	None	2,230.00	2,230.00			
(b) Rented[2]						
(c) Furnished by operator	101.33	1,400.65	1,501.18			
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

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]	1,137.55	9,023.39	10,161.34			
5. Supervision	280.00	2,240.00	2,520.00			
6. Supplies						
(a) Timber	-0-	3,035.24	3,035.24			
(b) Explosives	42.00	515.60	557.60			
(c) Repair Parts	214.03	475.59	690.62			
(d) Other	75.50	2,765.67	2,841.17			
7. Power	-0-	1,110.00	1,110.00			
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability	-0-	85.05	85.05			
(c) Workmen's Compensation	54.55	593.60	647.15			
10. Contract Work						
11. Other (specify)						
F.I.C.A. Taxes	21.27	128.88	150.15			
State Unemployment Ins.	20.84	151.82	172.75			
See Attached	275.59	1,140.02	1,415.62			
Total	2,317.11	25,013.65	27,330.76			
Deletions						
Adjusted totals						
Totals previously reported		25,013.65				
Totals to date			27,330.76			

[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 Howard J. Rees
Amount approved for payment
Remarks

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF .....

(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	1,417.95	191.55	331.58	373.80	2,314.11	feet		171		2500
Crosscutting						feet	-0-	165	165	160
Raising										
Shafts										
Winzes										
Drill holes										
Overburden	Note--The units for this month are omitted because the footage could not be measured due to the mine being flooded. They will be forwarded as soon as obtainable.									
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	1,417.95	191.55	331.58	373.80	2,314.11					

[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

Name of Operator Snoose Mining Company
Docket No. DMA 211
Total Contract Amount $135,000.00
Government Participation 50% Amount $ 67,500.00
Distribution of Expenditures for month of January

PROGRESS REPORT

The operation at the Snoose Mine was shut down January 15, due to heavy snow conditions in the district. This was reported to be the deepest snow fall in 50 years.

On the 25th of January heavy snow caused the main power line into Hailey to break, causing the power to be cut off to the Mine, thus shutting off the pumps and causing them to become flooded. After this, the damage having already been done, it was decided to not attempt to de-water until conditions were so that we would be safe in pumping out and revamping the shaft. This will probably be about the last part of March.

Consequently, the footage for the month could not be measured.

Name of Operator Snoose Mining Company
Docket No. DMA 211
Total Contract Amount $ 135,000.00
Government Participation 50% Amount $67,500.00
Distribution of Expenditures for month of January '52

SCHEDULE OF OTHER EXPENSES - ITEM 11

Telephone	$ 20.00
Assay	3.50
Bookkeeping and Accounting	250.00
	$273.50

Name of Operator Snoose Mining Company
Docket No. DMA 211
Total Contract Amount $135,000.00
Government Participation 50% Amount $67,500.00
Distribution of Expenditures for month of January 1952

SCHEDULE OF COMPANY OWNED EQUIPMENT RENTED TO OPERATIONS

1 - Mucking Machine	1/2 month	$ 16.67
2 - Jack Hammers @4.17 per mo.	1/2 month	4.17
2 - Air Sump Pumps @4.58 per mo.	1/2 month	4.58
2 - Mine Cars @2.50 per mo.	1/2 month	2.50
1 - Ford Pickup	1/2 month	13.87
1 - Pneumatic Saw	1/2 month	.65
1 - Hoist	1/2 month	49.59
1 - Air Compressor	1/2 month	95.35
1 - Motor Pump	1/2 month	3.97
		$191.33

Operations shut down January 15, 1952 therefore 1/2 month rentals are charged.

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 120

FEB 18 11 18 AM

Name of Operator SNOOSE MINING COMPANY
Docket No. DMA 211
Total Contract Amount $ 135,000.00
Government Participation: 50 % Amount $ 67,500.00
Distribution of Expenditures for Month of December 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.

SNOOSE MINING COMPANY
(Name of Company)

By A M Jensen
(Signature of Authorized Official)

Jan 29, 1952
(Date)

President
(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						
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]	None	2,259.06	2,259.06			
(b) Rented[2]						
(c) Furnished by operator	392.63	1,106.22	1,498.85			
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

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]	2,009.00	7,014.39	9,023.39			
5. Supervision	560.00	1,680.00	2,240.00			
6. Supplies						
(a) Timber	513.18	3,322.06	3,835.24			
(b) Explosives	None	515.60	515.60			
(c) Repair Parts	9 56.13	429.46	485.59			
(d) Other	46 469.64	2,745.44	3,215.08			
7. Power	320.65	790.25	1,110.90			
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability	-0-	95.05	95.05			
(c) Workmen's Compensation	77.35	316.25	393.60			
10. Contract Work						
11. Other (specify)						
F.I.C.A. Taxes	24.14	104.72	128.86			
Unemployment Ins.	30.57	121.25	151.82			
See Attached	295.95	1,123.70	1,419.65			
	4 292 27		25 895 22			
Total	4,389.24	21,603.45	25,642.69			
Deletions		282.06	282.06			
Adjusted totals						
Totals previously reported		21,321.39	25,673.64			
Totals to date			25,360.63			

[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 Thomas E Howard
Amount approved for payment
Remarks

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF December 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	2,569.00	382.65	~~658.65~~ 591.98	~~452.71~~ 748.66	~~4,043.20~~ 4292.27	feet	94	77	171	250
Crosscutting						feet	-0-	165	165	150
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	2,569.00	382.65	~~658.65~~ 591.98	~~452.71~~ 748.66	~~4,043.20~~ 4292.27					

[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

Name of Operator Snoose Mining Company
Docket No. DMA 211
Total Contract Amount $135,000.00
Government Participation 50% Amount $67,500.00
Distribution of Expenditures for month of Dec. 1951

SCHEDULE OF OTHER EXPENSES - ITEM 11

Telephone	$ 20.00
Office Supplies	11.95
Assay Charges	14.00
Bookkeeping and Accounting Service	250.00
	$295.95

Name of Operator Snoose Mining Company
Docket No. DMA 211
Total Contract Amount $135,000.00
Government Participation 50% Amount $67,500.00
Distribution of Expenditures for month of Dec. 1951

SCHEDULE OF COMPANY OWNED EQUIPMENT RENTED TO OPERATIONS

1.	Mucking Machine	$ 33.33
2.	Jack Hammers @ 4.17	8.34
2.	Air Sump Pumps @ 4.58	9.16
2.	Mine Cars @ 2.50	5.00
1.	Ford Pickup	27.75
1.	Pneumatic Saw	1.25
1.	Hoist	99.19
1.	Air Compressor	190.70
1.	Motor Pump	7.93
		$382.63

Name of Operator Snoose Mining Company
Docket No. DMA 211
Total Contract Amount $135,000.00
Government Participation 50% Amount $67,500.00
Distribution of Expenditures for Month of Dec. 1951

PROGRESS REPORT

Due to heavy snow conditions 5 shifts were lost from underground work, cutting the advance for the month.

The north west drift was advanced 94 feet for the month, encountering stringers from 2 to 6 inches in width, assaying from samples; Dec. 7, Au 0.04 Ag 2.40 Pb 0.80 Zn 7.60; Dec. 20, Au 0.02 Ag 24.90 Pb 22.40 Zn 6.50. Mineralization shows stronger as the drift is advanced.

The drift is driven on the foot wall of the structure. The mineralization shows in the hanging wall. A X-cut raise should be driven about 20 feet back of present face.

The full length of the drift has been timbered and a three inch air line and a one inch water line installed, also 20 lb. rails.

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 120

Name of Operator Choose Mining Company
Docket No. DMA 211
Total Contract Amount $ 135,000.00 50 $67,500.00
Government Participation: 100% Amount 1151
Distribution of Expenditures for Month of

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.
JAN 21 10 30 PM '52

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.

Choose Mining Co.
(Name of Company)

By A M Jensen
(Signature of Authorized Official)

December 20, 1951
(Date)

President
(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						
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]	None	2,250.00	2,250.00			
(b) Rented[2]						
(c) Furnished by operator	373.00	725.00	1,100.00			
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

16—64068-3

Name of Operator Snoose Mining Company
Docket No. DMA [illegible]211
Total Contract Amount $135,000.00
Government Participation 50% Amount $67,500.00
Distribution of Expenditures for month of Nov. 1951

SCHEDULE OF COMPANY OWNED EQUIPMENT RENTED TO OPERATIONS

1.	Mucking Machine	$ 33.33
2.	Jack hammers @ 4.17	8.34
2.	Air Sump Pumps @ 4.58	9.16
2.	Mine Cars @ 2.50	5.00
1.	Ford Pickup	27.78
1.	Pneumatic Saw	1.25
1.	Hoist	99.19
1.	Air Compressor	190.70
1.	Motor Pump	7.93
	Total to Line 2 (c)	$ 382.63

Name of Operator Snoose Mining Company
Docket No. DMA 211
Total Contract Amount $135,000.00
Government Participation 50% Amount $67,500.00
Distribution of Expenditures for month of Nov. 1951

SCHEDULE OF ITEMS LISTED UNDER ITEM 11

* Telephone	$ 35.65
Office Supplies	26.03
Assaying	10.50
Bookkeeping and Accounting Service	250.00
	$ 322.18

* The telephone account is necessarily high because of the office work being done in Boise and the mine operations being conducted at Hailey, Idaho. Frequent calls are necessary.

Name of Operator Snooze Mining Company
Docket No. DMA 211
Total Contract Amount $155,000.00
Government Participation 50% Amount $67,500.00
Distribution of Expenditure for month of Nov. 1951

PROGRESS REPORT

Advance for month of November: 48 feet timbered in the X-cut and 77 feet timbered in drift on foot wall, making 125 feet advance for the month. The last few feet in the foot wall drift has shown some mineralization as can be seen from the following samples:

	Au	Ag	Pb	Zn
#1. Fines	.04	0.40	tr	2.90
#2. Arg.	.04	0.50	tr	2.70
#3. Lime	.04	2.40	0.03	7.80

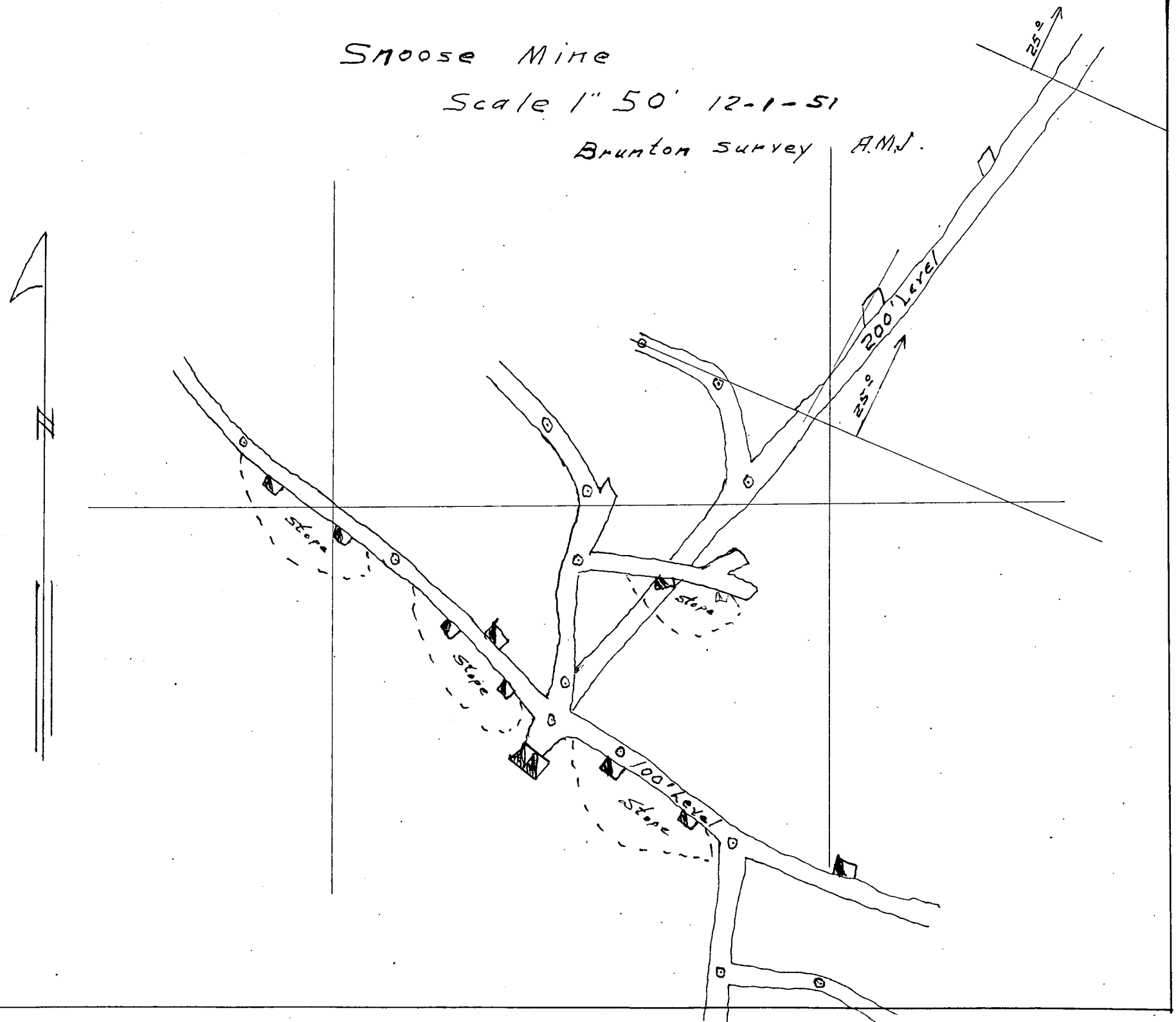
The foot wall drift is driven on an argillite foot wall and lime hanging wall contact. Mineralization shows both in the argillite and lime.

Two rounds lost during month due to heavy snow and pump trouble.

Snoose Mine

Scale 1" 50' 12-1-51

Brunton survey A.M.J.



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]	2,534.78	4,479.61	7,014.39			
5. Supervision	560.00	1,120.00	1,680.00			
6. Supplies						
(a) Timber	1,078.55	2,243.51	3,322.06			
(b) Explosives	63.60	452.00	515.60			
(c) Repair Parts	320.32	100.54	420.40			
(d) Other	115.80	2,629.64	2,745.44			
7. Power	330.85	450.40	780.25			
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability	.00	95.65	95.65			
(c) Workmen's Compensation	(55.73)	865.98	810.25			
10. Contract Work						
11. Other (specify)						
F.I.C.A. Tax Employee	57.92	67.26	124.72			
State Unemployment Ins.	40.50	80.69	121.25			
See Attached	622.18	501.52	1,123.70			
Total	5,750.66	15,052.80	21,803.46			
Deletions		115.69	115.69			
Adjusted totals						
Totals previously reported		15,730.11				
Totals to date			21,409.76			

[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 Thomas E Howard
Amount approved for payment
Remarks

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF November, 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	3,694.70	502.65	1,500.57	552.33	5,750.00					
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	3,694.70	502.65	1,500.57	552.33	5,750.00					

[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

IF-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 126

Name of Operator SROOS MINING COMPANY
Docket No. DMA 211
Total Contract Amount $ 135,000.00
Government Participation: 50 % Amount $ 067,500.00
Distribution of Expenditures for Month of October, 1951

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 14 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.

SROOS MINING COMPANY
(Name of Company)

By A. W. Jensen
(Signature of Authorized Official)

November 19, 1951
(Date)

President
(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

U. S. BUREAU OF MINES
RECEIVED
NOV 2 6 1951
McCANN, OREGON

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						
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]	None	2,239.00	2,239.00			
(b) Rented[2]						
(c) Furnished by operator	382.05	340.54*	722.59			
* This item was shown as 2 (b) in error on Sept. report.						
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

MONTH[illegible] SUMMARY COST STATEMENT—C[illegible]nued

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]	2,577.14	2,152.47	4,673.61			
5. Supervision	500.00	500.00	1,150.00			
6. Supplies						
(a) Timber	609.13	1,664.38	2,246.01			
(b) Explosives	452.00	.00	452.00			
(c) Repair Parts	58.19	42.35	100.54			
(d) Other	528.46	2,103.18	2,625.64			
7. Power	257.25	193.15	450.40			
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability	95.65	.00	95.65			
(c) Workmen's Compensation	193.00	176.00	369.00			
10. Contract Work						
11. Other (specify)						
F.I.C.A. Tax Employers	35.00	31.54	67.20			
State Unemployment Ins.	49.74	39.85	89.59			
			687.83			
See Attached Schedule	295.04 ~~408.75~~	392.78	~~801.53~~			
Total	~~5,[illegible]~~ 5863.19					
Deletions						
Adjusted totals						
Totals previously reported		9,875.92	15739.11			
Totals to date			~~15,[illegible]~~			

[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 Glenn A. Reed
Amount approved for payment
Remarks

$2931.60

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF October, 1951

(Supply Data Below Applicable Only to Your Operations)

U. S. BUREAU OF MINES
RECEIVED
NOV 26 1951
ALBANY, OREGON

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				660.39	5863.19					
Crosscutting	2,037.14	302.03	1,003.03	~~224.00~~	~~5,070.00~~					
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
				~~660.39~~	~~5863.19~~					
Totals	2,037.14	302.03	1,003.03	~~224.00~~	~~5,070.00~~					

[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

Name of Operator Snoose Mining Company
Docket No. DMA 211
Total Contract Amount $135,000.00
Government Participation 50 % Amount $67,500.00
Distribution of Expenditures for month of October 1951

SCHEDULE OF COMPANY OWNED EQUIPMENT RENTED TO OPERATIONS

1	- Mucking Machine	$ 33.33
2	- Jack hammers @ $4.17	8.34
2	- Air Sump Pumps @ $4.58	9.16
2	- Mine Cars @ $2.50	5.00
1	- Ford Pickup	27.75
1	- Pneumatic Saw	1.25
1	- Hoist	99.19
1	- Air Compressor	190.70
1	- Motor Pump	7.93
		$382.63

U. S. BUREAU OF MINES
RECEIVED
JAN 8 1952
ALBANY, OREGON

U. S. BUREAU OF MINES
RECEIVED
NOV 26 1951
ALBANY, OREGON

SNOOSE MINING COMPANY
HAILEY, IDAHO

SCHEDULE 1
PAYROLL FOR OCTOBER, 1951, AS ACTUALLY PAID

A. PERIOD OF OCTOBER 1 THROUGH 15, 1951:

Employee		Number of Exemptions	Hours of Regular Time	* Regular Hourly Rate	1. Earnings for Regular Time	Hours of Overtime	* Overtime Hourly Rate	2. Earnings for Overtime	Total Earnings for Period (Cols 1 & 2)	Less OAB 1½%	Less Withholding Tax	Net Earnings	Check No.
Ralph Jackson (Foreman)		2 (Pd at rate of $400 per Mo.)			$ 200.00				$ 200.00	$ 3.00	$ 26.90	$ 170.10	P480
Robert Springer	(Day shift		8	$ 1.70½	13.64			)					
	(Night shift	4	80	1.76 3/4	141.40	10	$ 2.65¼	$ 26.52)	181.56	2.72	12.80	166.04	P481
W. C. Jackson	(Day shift		80	1.70½	136.40	16	2.55 3/4	40.92)					
	(Night shift	4	8	1.76 3/4	14.14			)	191.46	2.87	14.20	174.39	P482
Gordon Krenz	(Day shift		8	1.70½	13.64			)					
	(Night shift	2	80	1.76 3/4	141.40	8	2.65¼	21.21)	176.25	2.64	22.00	151.61	P483
William Krenz	(Day shift		8	1.70½	13.64			)					
	(Night shift	1	80	1.76 3/4	141.40	8	2.65¼	21.21)	176.25	2.64	27.00	146.61	P484
S. M. Krenz	(Day shift		72	1.70½	122.76	8	2.55 3/4	20.46)					
	(Night shift	6	8	1.76 3/4	14.14			)	157.36	2.36	.00	155.00	P485
Ralph Shirts	Day Shift	4	32	1.70½	54.56				54.56	.82	.00	53.74	P479
David L. Morris	(Day Shift		40	1.70½	68.20	8	2.55 3/4	20.46)					
	(Night shift	2				8	2.65¼	21.21)	109.87	1.65	9.60	98.62	P486
A. M. Jensen - Gen'l Sup't		3 (Pd at rate of $560 per mo.)			280.00				280.00	.00	36.30	243.70	P487
Totals for period					$1,555.32			$ 171.99	$1,527.31	$ 18.70	$ 148.80	$1,359.81	

B. PERIOD OF OCTOBER 16 THROUGH 31, 1951:

Ralph Jackson - Foreman		2 (Pd at rate of $400 per mo.)			$ 200.00				$ 200.00	$ 3.00	$ 26.90	$ 170.10	P488
Gordon Krenz	Day shift	2	32	$ 1.70½	54.56	8	$ 2.55 3/4	$ 20.46	75.02	1.13	5.50	70.39	P489
Robert Springer	(Day shift		72	1.70½	122.76	16	2.55 3/4	40.92)					
	(Night shift	4	24	1.76 3/4	42.42			)	206.10	3.09	16.90	186.11	P490
William Krenz	Day Shift	1	32	1.70½	54.56	8	2.55 3/4	20.46	75.02	1.13	8.50	65.39	P491
W. C. Jackson	(Day shift		24	1.70½	40.92			)					
	(Night shift	4	72	1.76 3/4	127.26	16	2.65¼	42.42)	210.60	3.16	18.70	188.74	P492
S. M. Krenz	Night shift	6	16	1.76 3/4	28.28				28.28	.42	.00	27.86	P493
David L. Morris	(Day shift		24	1.70½	40.92			)					
	(Night shift	2	80	1.76 3/4	141.40	8	2.65¼	21.21)	203.53	3.05	26.90	173.58	P494
John C. Watson	(Day shift		24	1.70½	40.92			)					
	(Night shift	1	56	1.76 3/4	98.98	8	2.65¼	21.21)	161.11	2.42	24.20	134.49	P495
Justen D. Dehlin	(Day Shift		24	1.70½	40.92)								
	(Night shift	1	24	1.76 3/4	42.42)				83.34	1.25	9.90	72.19	P496
Walter B. Ramsay	(Day shift		24	1.70½	40.92)								
	(Night shift	2	24	1.76 3/4	42.42)				83.34	1.25	4.90	77.19	P497
A. M. Jensen - Gen'l Sup't		3 Pd at rate of $560 per mo.)			280.00				280.00	.00	36.30	243.70	P498
Totals for Period					$1,439.66			$ 166.68	$1,606.34	$ 19.90	$ 176.70	$1,409.74	

RECAPITULATION:

Total for period of October 1 through 15, 1951	$1,555.32	$ 171.99	$1,527.31	$ 18.70	$ 148.80	$1,359.81
Total for period of October 16 through 31, 1951	1,439.66	166.68	1,606.34	19.90	176.70	1,409.74
Payrolls for October, 1951, as actually paid	$2,994.98	$ 338.67	$3,133.65	$ 38.60	$ 325.50	$2,769.55

* See last month's payroll for translation of hourly rates to shift rates (Schedule 1)

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SNOOSE MINING COMPANY
HAILEY, IDAHO

SCHEDULE 2.
PAYROLL FOR OCTOBER, 1951, at RATED ALLOWED BY DEFENSE MINERALS ADMINISTRATION

A. PERIOD OF OCTOBER 1 THROUGH 15, 1951:

Employee		Number of Exemptions	Hours of Regular Time	* Regular Hourly Rate	1. Earnings for Regular Time	Hours of Overtime	* Overtime Hourly Rate	2. Earnings for Overtime	Total Earnings for Period (Cols.1 + 2)	Less OAB 1½%	Less With holding Tax	Net Earnings
Ralph Jackson - Foreman		2 (Pd at rate of $400 per mo.)			$ 200.00		$	$	$ 200.00	$ 3.00	$ 26.90	$ 170.10
Robert Springer	(Day shift		8	$ 1.538 3/4	12.31			)				
	(Night shift	4	80	1.618 3/4	129.50	10	2.428 3/4	24.29)	166.10	2.49	9.90	153.71
W. C. Jackson	(Day shift		80	1.538 3/4	123.10	16	2.308 3/4	36.94)				
	(Night shift	4	8	1.618 3/4	12.95			)	172.99	2.59	11.30	159.10
Gordon Krenz	(Day shift		8	1.538 3/4	12.31			)				
	(Night shift	2	80	1.618 3/4	129.50	8	2.428 3/4	19.45)	161.24	2.42	19.20	139.62
William Krenz	(Day shift		8	1.538 3/4	12.31			)				
	(Night shift	1	80	1.618 3/4	129.50	8	2.428 3/4	19.45)	161.24	2.42	24.20	134.62
S. M. Krenz	(Day shift		72	1.538 3/4	110.79	8	2.308 3/4	18.47)				
	(Night shift	6	8	1.618 3/4	12.95			)	142.21	2.13	.00	140.08
Ralph Shirts	Day shift	4	32	1.538 3/4	49.24				49.24	.74	.00	48.50
David L. Morris	(Day shift		40	1.538 3/4	61.55	8	2.308 3/4	18.47)				
	(Night shift	2				8	2.428 3/4	19.45)	99.45	1.49	7.80	90.16
A. M. Jensen - Gen'l Sup't		3 (Pd. at rate of $560 per mo.)			280.00				280.00	.00	36.30	243.70
Totals for Period					$1,276.01			$ 156.46	$1,432.47	$ 17.28	$ 135.60	$1,279.59

B. PERIOD OF OCTOBER 16 THROUGH 31, 1951:

Ralph Jackson - Foreman		2 (Pd. at rate of $400 per Mo.)			$ 200.00		$	$	$ 200.00	$ 3.00	$ 26.90	$ 170.10
Gordon Krenz	(Day shift	2	32	$ 1.538 3/4	49.24	8	2.308 3/4	18.47	67.71	1.02	2.10	64.59
Robert Springer	(Day shift		72	1.538 3/4	110.79	16	2.308 3/4	36.94)				
	(Night shift	4	24	1.618 3/4	38.85			)	186.58	2.80	13.50	170.28
William Krenz	Day shift	1	32	1.538 3/4	49.24	8	2.308 3/4	18.47	67.71	1.02	7.10	59.59
W. C. Jackson	(Day shift		24	1.538 3/4	36.93			)				
	(Night shift	4	72	1.618 3/4	116.55	16	2.428 3/4	38.86)	192.34	2.89	14.90	174.55
S. M. Krenz	Night shift	6	16	1.618 3/4	25.90				25.90	.39	.00	25.51
David L. Morris	(Day shift		24	1.538 3/4	36.93			)				
	(Night shift	2	80	1.618 3/4	129.50	8	2.428 3/4	19.45)	185.86	2.79	23.50	159.57
John C. Watson	(Day shift		24	1.538 3/4	36.93			)				
	(Night shift	1	56	1.618 3/4	90.65	8	2.428 3/4	19.45)	147.01	2.21	21.30	123.50
Juston D. Dehlin	(Day shift		24	1.538 3/4	36.93)							
	(Night shift	1	24	1.618 3/4	38.85)				75.78	1.14	8.50	66.14
Walter B. Ramsay	(Day shift		24	1.538 3/4	36.93)							
	(Night shift	2	24	1.618 3/4	38.85)				75.78	1.14	3.50	71.14
A. M. Jensen - Gen'l Sup't		3 (Pd. at rate of $560 per mo.)			280.00				280.00	.00	36.30	243.70
Totals for Period					$1,353.07			$ 151.60	$1,504.67	$ 18.40	$ 157.60	$1,326.67

RECAPITULATION:

Totals for Period of October 1 through 15, 1951	$1,276.01	$ 156.46	$1,432.47	$ 17.28	$ 135.60	$1,279.59
Totals for Period of October 16 through 31, 1951	1,353.07	151.60	1,504.67	18.40	157.60	1,326.67
Payroll for October, 1951, at allowed rates	$2,629.08	$ 308.06	$2,937.14	$ 35.68	$ 293.20	$2,606.26

* See last month's payroll (Schedule 2) for translation of hourly rates to shift rates

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SNOOSE MINING COMPANY
HAILEY, IDAHO

SCHEDULE 5

Computation of Payroll Taxes and Workmen's Compensation insurance on payroll for October, 1951, at wage rates allowed by Defense Minerals Administration.

F.I.C.A. Taxes - Employer's share - 1½% of $2,577.14 *		$ 55.66
State Unemployment Insurance - 1.9% of $2,144.00 **		40.74
$580.00 @ 3.85%	$ 21.56	
$2,577.14 @ 7.25%	172.34	
Total Workmen's Compensation		193.90
Total payroll taxes and Workmen's Compensation		$ 270.30

* Individual excesses over $3,600.00 have been deducted from the gross payroll in arriving at this figure.

** Individual excesses over $3,000.00 have been deducted from the gross payroll in arriving at this figure.

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Name of Operator Smoose Mining Company
Docket No. DMA 211
Total Contract Amount $135,000.00
Government Partidipation 50 % Amount $67,500.00
Distribution of Expenditures for month of October, 1951

SCHEDULE OF ITEMS LISTED UNDER ITEM 11

Telephone	$ 51.69
Travel	12.00
Office Supplies	45.04
Rent	50.00
Bookkeeping and accounting services	250.00
	$ 408.73

Note -

The power charge - Item 7 - covers the period of Sept. 26, 1951 to October 25, 1951 .

The charge on September report was for period of August 26, 1951 to September 25, 1951 .

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Name of Operator Snoose Mining Company
Docket No. DMA 211
Total Contract Amount $155,000.00
Government Participation 50 % Amount $87,500.00
Distribution of Expenditures for month of October, 1951

PROGRESS REPORT

117 Feet Advance for the Month of October; the full distance is timbered.

The crosscut was driven in white blocky lime, showing several small stringers of good grade zinc, striking in various directions. Expect to encounter the hanging wall structure within the next few rounds.

Lost two rounds during the month; loss of one round due to compressor trouble, the other due to power failure and pump trouble.

See map -

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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 120

Name of Operator SNOOSE MINING COMPANY
Docket No. DMA 211
Total Contract Amount $135,000.00
Government Participation: 50% % Amount, $67,500.00
Distribution of Expenditures for Month of September, 1951

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.
DEC 10 2:09 PM '51

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.

SNOOSE MINING COMPANY
(Name of Company)

By A M Jensen
(Signature of Authorized Official)

October 30, 1951
(Date)

President
(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

U. S. BUREAU OF MINES
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ALBANY, OREGON

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						
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]	2,259.00	None	2,259.00			
(b) Rented[2]	540.96	None	540.96			
(c) Furnished by operator						
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

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]	2,102.47	None	2,102.47			
5. Supervision	580.00	None	580.00			
6. Supplies						
(a) Timber	1,654.38	None	1,654.38			
(b) Explosives	.00	-0-	.00			
(c) Repair Parts	42.35	None	42.35			
(d) Other	2,103.18	None	2,103.18			
7. Power	193.15	None	193.15			
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation	170.09	None	170.09	173.99		
10. Contract Work						
11. Other (specify)						
F.I.C.A. Tax Employees	51.54	None	51.54			
St. Unemployment Ins.	39.95	None	39.95			
See Attached Schedule	592.79	None	592.79			
Total	9,675.92	None	9,675.92			
Deletions	None	None	None			
Adjusted totals	None	None	None			
Totals previously reported	None	None	None			
Totals to date	9,675.92	None	9,675.92	9,673.82		

[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 W R Lee
Entered by
Approved by Glenn A Reed
Amount approved for payment $4,936.91
Remarks

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF September, 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			2,855.92		2,855.92					
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation	2,662.47	2,580.02	945.99	833.52	7,022.00					
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	2,662.47	2,580.02	3,799.91	833.52	9,875.92					

[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.

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SCHEDULE OF EQUIPMENT PURCHASED

Name of Operator: Snoose Mining Company
Project No. D.M.A.: 211
Total Contract Amount: $155,000.00
Government Participation: 50%
For Month of: September, 1951

Electric Hoist	$1,226.38
3 Mine Cars	461.91
1 Mine Car	75.00
Electric Pump	475.77
Total	$2,239.06

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GENERAL COMMENTS

Name of Operator Spoose Mining Co.
Project No. D.M.A. 211
Total Contract Amount $135,000.00
Government Participation Percent 50%
For Month of September, 1951

The following equipment was rented to operations for the month:

2 Air Sump Pumps	$ 9.16
2 Mine Cars	5.00
1 Ford Pickup	27.73
1 Pneumatic Saw	1.25
1 Hoist	99.19
1 Air Compressor	190.70
1 I-R 300 GPM Motor Pump	7.93
Total	$340.96

Supplies furnished under Drifting on Cost report is for timbers and rail purchased for later use on this project.

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SNOOSE MINING COMPANY
HAILEY, IDAHO

SCHEDULE 1

PAYROLL FOR SEPTEMBER, 1951, AS ACTUALLY PAID

A. PERIOD OF SEPTEMBER 1 THROUGH 15, 1951:

Employee	Hours of Regular Time	* Regular Hourly Rate	1. Earnings for Regular Time	Hours of Overtime	* Overtime Hourly Rate	Number of Exemptions	2. Earnings for Over-time	Total Earnings for Period (Cols 1 + 2)	Less OAB 1½%	Less With-holding Tax	Net Earnings	Check No.
Ralph Jackson - Foreman (Paid at the rate of $400 per Mo.)			$ 200.00		$	2	$	$ 200.00	$ 3.00	$ 26.90	$ 170.10	P463
S. M. Krenz (Day Shift	56	$ 1.70½	95.48)									
(Night Shift	32	1.76 3/4	56.56)	8	2.651¼	6	21.21	173.25	2.60	1.30	169.35	P464
Robert Springer " "	80	1.76 3/4	141.40	8	2.651¼	4	21.21	162.61	2.44	9.20	150.97	P465
Gordon Krenz (Day Shift	24	1.70½	40.92	8	2.55 3/4	2	20.46)					
(Night Shift	56	1.76 3/4	98.98	14	2.651¼		57.12)	197.48	2.96	25.60	168.92	P466
William Krenz " "	64	1.76 3/4	113.12	8	2.651¼	1	21.21	134.33	2.01	19.10	113.22	P467
W. C. Jackson-Day Shift	56	1.70½	95.48	8	255 3/4	4	20.46	115.94	1.74	.70	113.50	P468
Ralph Shirts-Night Shift	24	1.76 3/4	42.42	0		4		42.42	.64	.00	41.78	P469
A. M. Jensen - Pres. and Gen. Supt.(Paid at the rate of $560. per mo)			280.00			3		280.00	.00	36.30	243.70	P470
Total for Period			$1,164.36				$ 141.67	$1,306.03	$ 15.39	$ 119.10	$1,171.54	

B. PERIOD OF SEPTEMBER 16 THROUGH 30, 1951:

Ralph Jackson - Foreman (Paid at the rate of $400 per Mo.)			$ 200.00		$	2	$	$ 200.00	$ 3.00	$ 26.90	$ 170.10	P471
S. M. Krenz - Night Shift	80	$ 1.76 3/4	141.40	19	2,651¼	6	50.37	191.77	2.88	4.20	184.69	P472
William Krenz - Day Shift	80	1.70½	136.40	16	2.55 3/4	1	40.92	177.32	2.66	27.00	147.66	P473
Gordon Krenz - Day Shift	72	1.70½	122.76	8	2.55 3/4	2	20.46	143.22	2.15	15.60	125.47	P4 74
W. C. Jackson - Night Shift	80	1.76 3/4	141.40	24	2.651¼	4	63.63	205.03	3.08	16.90	185.05	P475
Ralph Shirts - Night Shift	80	1.76 3/4	141.40	3	2.651¼	4	7.95	149.35	2.24	7.00	140.11	P476
Robert Springer - Day Shift	80	1.70½	136.40	16	2.55 3/4	3	40.92	177.32	2.66	12.00	162.66	P477
A. M. Jensen-Pres.& Gen.Supt.(Paid at the rate of $560 per Mo.)			280.00			3		280.00	.00	36.30	243.70	P478
Totals for Period			$1,299.76				$ 224.25	$1,524.01	$ 18.67	$ 145.90	$1,359.44	

RECAPITULATION:

Totals for Period of September 1 through 15, 1951	$1,164.36	$ 141.67	$1,306.03	$ 15.39	$ 119.10	$1,171.54
" " " " " 16 " 30, "	1,299.76	224.25	1,524.01	18.67	145.90	1,359.44
Payroll for September, 1951, as actually paid	$2,464.12	$ 365.92	$2,830.04	$ 34.06	$ 265.00	$2,530.98

* Or, translated to rates per shift:

	Normal Hours In Shift	Times Hourly Rate	Rate Per Shift
Day Shift, Regular-Time Day	8	$ 1.70½	$ 13.64
" " , Overtime Day	8	2.55 3/4	20.46
Night Shift, Regular-Time Night	8	1.76 3/4	14.14
" " , Overtime Night	8	2.651¼	21.21

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SNOOSE MINING COMPANY
HAILEY, IDAHO

SCHEDULE 2.
PAYROLL FOR SEPTEMBER, 1951, AT RATES ALLOWED BY DEFENSE MINERALS ADMINISTRATION

A. PERIOD OF SEPTEMBER 1 THROUGH 15, 1951:

Employee	Hours of Regular Time	* Regular Hourly Rate	1. Earnings for Regular Time	Hours of Overtime	*Overtime Hourly Rate	Number of Exemptions	Earnings for Overtime	Total Earnings for Period (Cols. 1 + 2)	Less OAB 1½%	Less Withholding Tax	Net Earnings
Ralph Jackson - Foreman (Paid at the rate of $400 per Mo.)	$		$200.00		$	2	$	$ 200.00	$ 3.00	$ 26.90	$ 170.10
S. M. Krenz (Day Shift	56	1.538 3/4	86.17)								
(Night Shift	32	1.618 3/4	51.80)	8	2.428 3/4	6	19.43	157.40	2.36	.00	155.04
Robert Springer " "	80	1.618 3/4	129.50	8	2,428 3/4	4	19.43	148.93	2.23	7.00	139.70
Gordon Krenz (Day Shift	24	1.538 3/4	36.93	8	2.308 3/4		18.47)				
(Night Shift	56	1.618 3/4	90.65	14	2.428 3/4	2	34.00)	180.05	2.70	22.80	154.55
William Krenz " "	64	1.618 3/4	103.60	8	2.428 3/4	1	19.43	123.03	1.85	17.00	104.18
W. C. Jackson-Day Shift	56	1.538 3/4	86.17	8	2.308 3/4	4	18.47	104.64	1.57	.00	103.07
Ralph Shirts-Night Shift	24	1.618 3/4	38.85	0		4		38.85	.58	.00	38.27
A. M. Jensen-Pres. & Gen. Supt. (Paid at the rate of $560 per Mo.)			280.00					280.00	.00	36.30	243.70
Totals for Period			$1,103.67				$ 129.23	$1,232.90	$ 14.29	$ 110.00	$1,108.61

B. PERIOD OF SEPTEMBER 16 THROUGH 30, 1951:

Ralph Jackson - Foreman (Paid at the rate of $400 per Mo.)	$		$ 200.00		$	2	$	$ 200.00	$ 3.00	$ 26.90	$ 170.10
S. M. Krenz - Night Shift	80	1.618 3/4	129.50	19	2.428 3/4	6	46.15	175.65	2.63	1.30	171.72
William Krenz - Day Shift	60	1.538 3/4	123.10	16	2.308 3/4	1	36.94	160.04	2.40	24.20	133.44
Gordon Krenz - Day Shift	72	1,538 3/4	110.79	8	2.308 3/4	2	18.47	129.26	1.94	13.40	113.92
W. C. Jackson - Night Shift	80	1.618 3/4	129.50	24	2.428 3/4	4	58.29	187.79	2.82	13.50	171.47
Ralph Shirts - Night Shift	80	1.618 3/4	129.50	3	2.428 3/4	4	7.29	136.79	2.05	4.80	129.94
Robert Springer - Day Shift	80	1.538 3/4	123.10	16	2.308 3/4	3	36.94	160.04	2.40	14.20	143.44
A. M. Jensen-Pres.& Gen.Supt. (Paid at the rate of $500 per Mo.)			280.00			3		280.00	.00	36.30	243.70
Totals for Period			$1,225.49				$ 204.08	$1,429.57	$ 17.24	$ 154.60	$1,277.73

RECAPITULATION:

Totals for Period of September 1 through 15, 1951	$1,103.67	$ 129.23	$1,232.90	$ 14.29	$ 110.00	$1,108.61
" " " " " 16 " 30, "	1,225.49	204.08	1,429.57	17.24	154.60	1,277.73
Payroll for September, 1951, at allowed rates	$2,329.16	$ 333.31	$2,662.47	$ 31.53	$ 244.60	$2,386.34

* Or, translated to rates per shift:

	Normal Hours in Shift	Times Hourly Rate	Rate per Shift
Day Shift, Regular-Time Day	8	$ 1.538 3/4	$ 12.31
" " , Overtime Day	8	2.308 3/4	18.47
Night Shift, Regular-Time Night	8	1.618 3/4	12.95
Night Shift, Overtime Night	8	2.428 3/4	19.43

Computation of Payroll Taxes and Compensation Insurance on Wages Allowed:

F.I.C.A. - Employees share 1.5% of $2,102.47 =				$ 31.54
State Unemployment Insurance 1.9% of $2,102.47 =				39.95
Compensation Insurance	$ 560.00	@ 3.85%	$ 21.56	
	2,102.47	@ 7.25%	154.53	$ 176.09

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NOV 8 1951
ALBANY, OREGON

SNOOSE MINING CO.
HAILEY, IDAHO

Project No. DMA 211

Other Expenses - Distribution of Expenditures for Month of September, 1951

Bookkeeping & Accounting Service	$ 250.00
Telephone	75.29
Travel	55.00
Assay Expense	9.00
Postage & Office Expense	3.50
Total	$ 392.79

U. S. BUREAU OF MINES
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ALBANY, OREGON

PROGRESS REPORT

Name of Operator Snoose Mining Co.
Project No. D.M.A. 211
Total Contract Amount $135,000.00
Government Participation Percent 50%
For Month of September, 1951

Pumping water from shaft from surface to 200 ft level.

Repairing shaft, replacing ladders and landings in manway.

Repairing and replacing timber on stations 100 and 200 foot levels.

Installing station pump on 200 foot level.

Installing power line for pump down shaft.

Installing signal line and putting in chairs on levels preparatory to putting cage in shaft.

Installing 4 inch water and air columns in shaft.

U. S. BUREAU OF MINES
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SNOOSE MINING CO.
HAILEY, IDAHO

Schedule of Equipment Furnished by Snoose Mining Co. and Subject to Rent Under Terms of Exploration Project Contract Docket No. DMA 211

Description	No. of Units Available	Unit Cost or Replacement Cost	Monthly Rental for Each Unit
Mucking Machine	2	$ 2,000.00	$ 33.33
Jackhammers - Ingersol Rand	2	250.00	4.17
Air Sump Pumps	2	275.00	4.58
Stopers - 591 - Jay	2	600.00	10.00
Mine Cars	2	150.00	2.50
1950 Ford 1/2 Ton P.U.	1	1,663.75	27.73
Pneumatic Saw	1	75.00	1.25
Hoist - Elec. Driven	1	5,951.20	99.19
Air Compressor	1	11,442.00	190.70
Ingersol-Rand 300 GPM Motor Pump	1	475.77	7.93

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LARGE FORMAT DOCUMENTS AT END OF FILE

DMEA Form 7
(12-56)

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Date	Surname	Code

July 22, 1957

Final Addendum to Project Summary Report
Dated November 18, 1953.

The project was closed by mutual termination agreement dated December 7, 1953.

The Final Audit was dated April 28, 1954 and shows:

Total net expenditures	$115,354.27
Government's share, 50%	$ 57,677.14

Operator's Final Report, December 11, 1953.
Field Team Final Report, May 13, 1957.

No Certification of Discovery or Development made.

Comments:

The Snoose veins were found to be broad, intricately braided and contorted shear zones in which the ore minerals occurred as streaks, veinlets, small irregular masses and discontinuous lenses, and as fragments in the gouge, all occurrences have been affected by faulting. Close inspection of almost any section in the drifts revealed ore minerals but rarely in sufficient amounts to warrant sampling. The veins in limestone showed no increase in ore minerals over those in argillite.

The intensity of post-mineral faulting in the Snoose veins and the fact that this sheared condition may be expected throughout the veins, both on strike and dip, makes them unattractive for continued exploration; therefore, it is believed that further Government participation in exploration of the Snoose veins is not warranted.

W R Greswold

WRG/er
Copy to: Docket
Chron.

8623

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

November 18, 1953

Project Summary Report

By: W. R. Griswold

1. DMEA 211 (Zinc)
Contract No. Idm-E120
Snoose Mine
Blaine County, Idaho

Operator - Snoose Mining Company
Hailey, Idaho

Operator's Property Rights: Owner, subject to two mortgages. Mortgagor's Subordination Agreement dated August 4, 1951.

Contract dated: August 21, 1951. Completion date 8/21/53.

Work Authorized:

Step I	Purchase and install pump and hoist and other equipment, rehabilitate shaft	$ 12,250.00
Step II	150 feet crosscutting @ $35.	5,250.00
Step III	1,000 feet of drifting at $35.	35,000.00
Step IV	400 feet of winze at $75.	30,000.00
Step V	1,500 ft. of drift and crosscut at $35	52,500.00
		$135,000.00
	Government's Participation	67,500.00

Amendments

No. 1	10/26/51	Provides for purchase of motor-driven pump. No increase in project cost.
No. 2	10/23/51	Increases sum for equipment purchase from $12,250.00 to $16,450.00. Decreases drifting by 120 feet. No increase in project cost.
No. 3	1/8/52	Phone calls, up to $20 monthly are allowed as legitimate cost.

No. 4	2/15/52	Allows snow removal and rehabilitation of mine workings as part of cost. No cost increase for project.
No. 5	4/22/52	Allows purchase of one stoping drill and one drifting drill, instead of two drifters.
No. 6	10/15/52	Allows 175 feet of raising at $42. No cost increase in project, as some drifting is deleted.
No. 7	1/7/53	Fire damage, to the limit of $2,400.00 is allowed as a cost. No increase in total project cost.
No. 8	5/4/53	Provides for 1,000 feet of diamond drilling at total cost of $8,900.00. Deletes 400 feet of winze at $30,000.
No. 9	8/20/53	Increases drifting in Step III to 1,500 from 1,000 ft. Decreased drifting Step V from 1,500 ft. to 140.
No. 10	9/10/53	Increases contract completion time to April 1, 1954. Increases royalty payment period to 11 years.

Comments

The Field Team desires to terminate this project, feeling that all possible worthwhile targets have been disproven and that further work would be a waste of Government funds. They state that apparently a mutual agreement for termination is not possible due to reluctance of the Operator. The total sum of authorized project funds is $135,000.00 of which probably about 118,000 is expended as of this date.

Work completed as of end of August 1953 (last report) is

1136.5 ft.	drifting
361. "	Crosscutting
173.5 "	Raising
961. "	diamond drilling

A few small and isolated ore pods have been found, from which 446 tons of ore have been shipped, with a total net value of $5,690.00. Whereas the Field does not recommend certification, yet it would appear that the project should be certified so royalty may be collected from above shipments.

The Field are emphatic in feeling that all targets of any importance have been thoroughly disproven - hence there seems no alternative but to allow them to make termination, as requested.

W R Gwinnell

☒ Audited

☐ Certified

RK ANALYSIS SHEET - DMEA PROJEC

Analysis as of 12/7/54.
Incl. Voucher for Dec. 1953.

☒ Actual Cost

☐ Agreed Unit Costs

Nam The Snoose Mining Company

Docket No. DMEA-211

State Idaho

Commodity Zinc.

Idm-E No. 120.

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting	1,730'	$93,925.00	1,909'	$86,794.13	$86,794.13
Raising	220'	9,240.00	174'	9,222.32	9,222.32
Shafts					
Winzes					
Drilling (Specify) Diamond & Stations	1,000'	9,000.00	1,000.00	8,773.08	8,773.08
Sur e Excavation Saw Removal		1,000.00			
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased		14,432.89		5,387.63	3,162.63
Surface Rehabilitation & Repairs		4,002.11		4,002.11	4,002.11
Underground Rehabilitation		1,000.00		1,000.00	1,000.00
New Building, Improvements, etc. Fire Damage		2,400.00		2,400.00	2,400.00
Other (Specify)					
Totals		$135,000.00		$117,579.27	$115,354.27

Salvage $2,225.00

Prepared by A. K. Klugescheid

71626

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
So. 157 Howard Street
Spokane 4, Washington

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DATE	INITIALS	CODE
5/13	C	220
5/14	es	130
		110
5/20	es	130
		220
		[redacted]

May 9, 1957

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

Re: Docket No. DMEA-211 (Zinc)
Snoose Mining Company
Snoose Mine
Blaine County, Idaho
Contract No. Idm-E120

Dear Mr. Selfridge:

Enclosed are four copies of a Field Team final report on the above-referenced contract prepared by Thor H. Kiilsgaard, geologist, Geological Survey, and Verdo Z. Johnson, mining engineer, Bureau of Mines.

FINAL-F. T. RPT.

The contract became effective August 21, 1951, and was terminated by mutual agreement December 7, 1953. Under the contract, 1,864 feet of drift and crosscut, 174 feet of timbered raise, and 1,000 feet of diamond drilling were completed at a total approved cost of $115,354.27, of which the Government's share on a 50 percent basis was $57,677.14.

A few small disconnected lenses of ore were found, from which eight lots were shipped, having a net value of $5,690.36. From these shipments royalty amounting to $247.67 was due and paid to the Government.

The writers recommend that no discovery or development be certified and that Government participation in further exploration or development of this property is not warranted. The Field Team concurs with the recommendation of the writers.

Reviewed by
DMEA OPERATING COMMITTEE
5/17/57
(date)

By Field Team, Region I, NW Dist.

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

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

Enclosures

cc: USBM (2)
USGS (SRO)
Kiilsgaard

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FIELD TEAM, REGION I
Northwest District

OFFICIAL FILE COPY
DMEA
RECEIVED MAY 13 1957

DATE	INITIALS	CODE

FINAL REPORT

Contract Idm-E120

by

Verdo Z. Johnson
Mining Engineer
U. S. Bureau of Mines

Thor H. Kiilsgaard
Geologist
U. S. Geological Survey

SNOOSE MINING COMPANY
423 First National Bank Building
Boise, Idaho

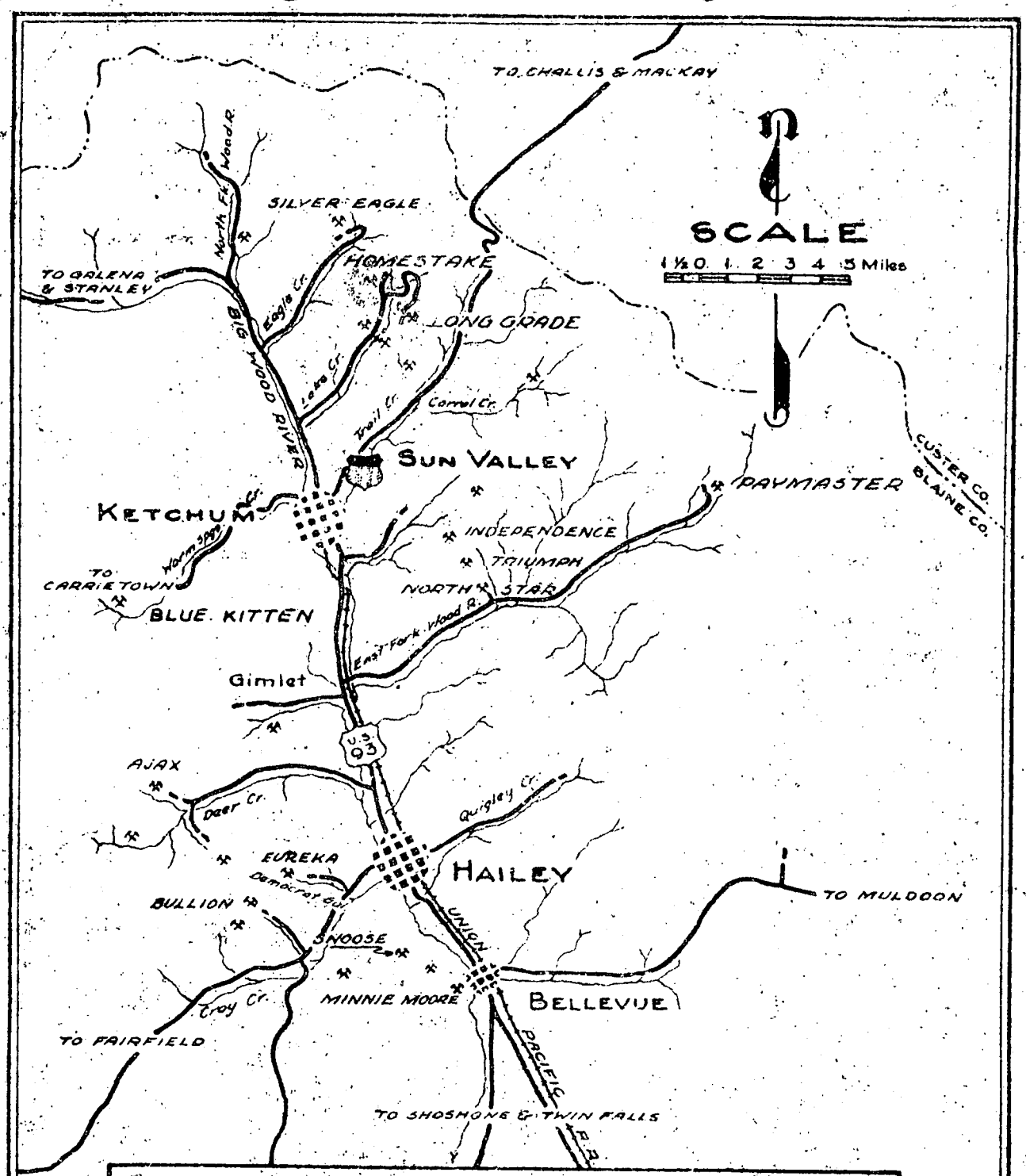
Docket No.:	DMA-211
Commodity:	Zinc
Contract date:	August 21, 1951
Termination date:	December 7, 1953

Reviewed by
DMEA OPERATING COMMITTEE
5/17/57
(date)

SNOOSE MINE
Mineral Hill Mining District
Blaine County, Idaho

Spokane, Washington

May 1957



GENERAL MAP
BIG WOOD RIVER REGION, IDAHO
SHOWING SOME OF MINING AREAS

HAC '49

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ILLUSTRATIONS

Frontispiece - General Map Showing Some of Mining Areas, Big Wood River Region, Idaho

Figure 1 - Plan and Geologic Map, Snoose Mine, Blaine County, Idaho — In pocket

Figure 2 - Geologic and Plan of Main Workings of Snoose Mine, Blaine County, Idaho — In pocket

CORE LOG — In pocket

FINAL REPORT

SNOOSE MINING COMPANY
Snoose Mine
Mineral Hill Mining District
Blaine County, Idaho

Contract Idm-E120

* * * *

INTRODUCTION

This final report describes a zinc exploration project conducted jointly by the Defense Minerals Exploration Administration and the Snoose Mining Company at the Snoose mine, Blaine County, Idaho.

Summary

The purpose of this contract was to explore two parallel shear zones containing lead-zinc mineralization and particularly to direct the work towards favorable targets at the projected intersections of these shear zones with limestones.

Drifts and crosscuts aggregating 1,864 feet, 1,000 feet of diamond drilling, and 174 feet of raise, all on or from the 200 level, proved a spotted occurrence of small ore lenses but not of sufficient continuity to make workable ore bodies.

Recommendation

A Certification of Discovery or Development should not be made. Government participation in further exploration or development of the property is not warranted.

LOCATION AND ACCESSIBILITY

The Snoose mine is in the Mineral Hill Mining District, Blaine County, 2½ miles southwest of Hailey, Idaho. Hailey, the county seat and nearest shipping point, is about 295 miles from Salt Lake City, Utah.

From the southern edge of Hailey a dirt road runs southward along the west side of the Wood River Valley for 1½ miles, and then branches to the southwest to bridge the Wood River and follow up Colorado Gulch to the mine.

The mine buildings, shaft collar, and adit portals are on the southern side and near the bottom of Colorado Gulch. The walls of the gulch are steep, having slopes that exceed 20°.

The only vegetation in the vicinity surrounding the mine is sagebrush and bunch grass.

Winter snowfall reaches 4 feet on the level, and the deep canyon traps snow in drifts that are much deeper. The Operator's buildings have at times been buried by snowslides. A snowcat was used to transport men and supplies from Hailey to the mine during the 1952-53 winter season. Summer months are cool and dry.

PROPERTY

The claims included in this contract are known as the Snoose and Jensen-Stevens groups and comprise the following unpatented claims:

Margaret	Hot Shot
Buddy	Man of War
Backbreaker	Sea Biscuit
Dan Patch	Baltic
Sunshine	Black Hornet
Dickie No. 1	Wasp
Dickie No. 2	Buzzard

All are in sec. 21, T. 2 N., R. 18 E. Boise Meridian. Four of the claims are owned by the heirs of L. A. Dithmer but were purchased by the Snoose Mining Company at a cost of $30,000 to be paid for from production at a royalty of 10 percent of net smelter returns. Five of the claims were located by the Snoose Mining Company, and five were purchased for 90,000 shares of Snoose treasury stock at 25 cents per share par value.

Principal mine workings are four adits, referred to by the Operator as the Reed No. 1 tunnel and No. 2, No. 3, and No. 4 tunnels and the 220-foot vertical Snoose shaft from which two levels -- the 100 and 200 -- have been driven (fig. 1). In addition there is a short adit called the Drainage tunnel that is intersected by the shaft 20 feet below the shaft collar and through which all mine water is discharged. Other workings on the property are of small extent and are, for the most part, inaccessible.

Most of the openings are in zones of sheared argillite so that timbers are generally required. The rock pressures on timbers are moderate, but the drifts are wet and are constantly sloughing. Poor ventilation and wet ground causes timbers to deteriorate rapidly.

Surface installations consist of a small hoist house, 30-foot headframe, 60-ton ore bin, and a 30-by 48-foot concrete-masonry building which serves as a dry and compressor house. The concrete-masonry building was erected under the project contract to replace some frame buildings destroyed by fire during October 1952.

History and Production

The original Snoose claims are reported to have been located in 1881 by L. A. Dithmer. He worked the property intermittently until his death in the late twenties. The mine then lay idle until June 1943, when it was taken over by A. M. Jensen and H. J. Stevens. The Snoose Mining Company was organized in May 1945 to take over the partnership of Jensen and Stevens. This company was chartered as a corporation under the laws of the State of Idaho May 24, 1945, with capitalization of 2,000,000 shares of nonassessable common stock, having an authorized par value of 25 cents per share. As of December 20, 1950, there had been issued 1,776,209 shares.

The partnership of Jensen and Stevens, or the Snoose Mining Company, sank the Snoose shaft, did all work on the 100 level, did some crosscutting on the 200 level, and drove the Reed No. 1 tunnel and the No. 2 and No. 3 tunnels prior to 1951. The other adits are believed to have been driven prior to the time when Jensen and Stevens took control of the property. In August 1951 the company received a DMA contract to explore on and from the 100 and 200 levels of the Snoose mine; however, all of the DMA work subsequently was done on the 200 level. When contract work started, the 200 NE. Crosscut had been advanced 202 feet from the shaft. All other work shown on the 200 level in figure 1 except for the 201 Winze was done under DMA contract.

In 1955 some diamond drilling was reported to have been done at the mine, but the location, targets, and findings are unknown. Other than this drilling the mine has been inactive since DMA work stopped.

In addition to the $30,000 owed to the heirs of L. A. Dithmer for four mining claims, the Snoose Mining Company prior to commencement of the DMA contract had received a Reconstruction Finance Corporation loan of $11,765 which, with interest, remained

unpaid. The company also owed about $23,000 to the Combined Metals Reduction Company which was to be repaid at the rate of $1.00 per ton of ore shipped.

A small tonnage of lead-silver ore was shipped from the mine in the early days, but the production records are not available.

From August 31, 1944, to May 24, 1945, Jensen and Stevens shipped 46 cars of ore, having a gross dry weight of 2,454.73 tons, from which were recovered:

Gold	98.448	ounces
Silver	8,104.435	"
Copper	10,498.00	pounds
Lead	109,726.00	"
Zinc	249,358.00	"

This ore is calculated to have had an assay value of 0.03 ounce gold, 3.30 ounces silver, 0.22 percent copper, 2.23 percent lead, and 5.75 percent zinc.

From May 24, 1945, to December 20, 1950, the Snoose Mining Company shipped 38 cars of ore, having a gross dry weight of 1,961.022 tons, from which were recovered:

Gold	82.74	ounces
Silver	8,892.38	"
Copper	5,899.00	pounds
Lead	82,351.81	"
Zinc	196,408.45	"

This ore is calculated to have had an assay value of 0.04 ounce gold, 4.53 ounces silver, 0.15 percent copper, 2.11 percent lead, and 5.0 percent zinc.

Of the above 84 cars of ore that were shipped, 76 are reported to have come from the 100 level, with the remaining cars from the No. 2 and 3 tunnels.

Eight shipments of ore were made from the property to the Combined Metals Reduction Company during the life of the DMA project, of which six are known to have come from the small stope near the head of the 201 winze. The other two shipments also are believed to have come from this winze or from the short raise at the head of the winze. Royalty amounting to $247.67 was paid on these shipments. Pertinent data on the shipments follows:

Lot No.	Weight dry tons	Value Au	Ag	Pb	Zn	Cu	Net proceeds
8052	65.459	0.0325	7.605	2.8	8.775	0.05	$ 768.15
47	44.039	0.0375	5.335	2.35	8.59	0.3	306.53
81	58.639	0.045	6.38	2.95	10.835	0.05	656.67
98	55.632	0.030	7.085	2.85	8.60	0.05	430.09
134	49.557	0.030	5.92	2.85	11.040	0.05	519.40
147	51.930	0.035	6.435	3.025	12.92	0.1	684.44
171	58.163	0.035	7.415	3.275	12.05	0.1	766.96
260	62.289	0.060	15.795	6.525	11.61	0.1	1,558.12
Total	445.708						$5,690.36

The average net proceeds from this raw ore, after deductions of smelting and shipping charges, were $12.76 per ton.

GEOLOGY

Geologic Setting

The rocks in the area of the Snoose mine are argillites, cherty siltstones, and limestones, all members of the Milligen formation of Mississippian age. These rocks have a regional strike to the northwest and dip to the southwest. They form the southwestern flank of a breached anticline, the axis of which roughly follows the Wood River Valley. To the west of the mine these sedimentary rocks have been intruded by a large sill-like pluton of quartz diorite, which locally has exerted a contact-metamorphosing influence on the rocks, particularly on the more limy members, commonly converting the calcareous argillites to diopside hornfels and the limestones to marble.

Extending along the southwestern flank of the anticline are two broadly continuous, mineralized zones, both trending more or less parallel to the trend of the anticline. The one zone starts southeast of the Minnie Moore vein and continues northwesterly through the Snoose mine and through a number of other mines and prospects, finally ending at Croy Creek Valley. The other mineralized zone starts north of Croy Creek and passes through the Bullion Mining District. All deposits within these zones have common characteristics: They have the same mineral content; trend more or less in an en echelon pattern along the flank of the anticline, forming along southwest-dipping reverse faults; and are displaced by northeast-striking normal faults and by normal faults that strike parallel to the anticline but dip to the northeast. The Snoose mine is the one exception. The veins at this mine form along northeast-dipping normal faults, which have been the sites of strong post-mineral faulting.

The Deposit

The sedimentary rocks exposed in the underground workings are uniformly fine grained, and they range in composition from limestone through calcareous argillites to siliceous argillites or cherty siltstones. The beds are predominantly black and carbonaceous with occasional lighter limy members. The bedding is much disturbed in the areas adjacent to the shear zones and in many instances is obliterated by shearing. On the surface in the areas outside the zone of intense shearing the beds appear to be less disturbed.

A light-gray, weathered limestone member about 70 feet thick outcrops 750 feet northeast of the collar of the shaft. It strikes N. 57° W. and dips 40° SW. toward the mine workings. This limestone was intersected by the 200 NE. Crosscut in the hanging wall of the Footwall vein zone where it was evident that the limestone had been faulted against the underlying argillite (section C-C', fig. 2). It was the intersection of this limestone with the Snoose veins that was the primary objective of the exploration program. According to Anderson's map in Idaho Bureau of Mines and Geology Pamphlet 90, the limestone member is displaced several hundred yards north of the Snoose mine by a prominent transverse fault, and to the south the limestone again is markedly offset by another transverse fault.

Three zones of mineralization have been described in the Snoose mine. The DMA exploration program was concerned with two of them, the Reed vein zone and the Footwall vein zone. The third mineralized zone, reputedly related to the Croesus structures to the northwest in Scorpion Gulch, was reportedly cut in the shaft between the 100 and 200 levels. Subsequent examinations of the shaft, however, failed to find this vein. It is believed instead that the vein, if it occurs, is merely a split of the Footwall vein zone.

The Reed vein zone is developed by the No. 1 tunnel (Reed tunnel), No. 2 tunnel, and the No. 3 tunnel. The zone is a complex network of interlacing slips and shears, the total width of which ranges from 40 to 50 feet. The walls of the sheared structure are controlled by various members of the interlacing system, which locally show diverse changes in attitude. The general trend of the zone is N. 30°-70° W., and the dip is from 35° to 55° NE. The vein zone consists of badly crushed and broken argillite with an occasional lens of crushed and altered dike material. Stringers and lenticular pods of calcite, quartz, and pyrite are found in the sheared zone. These are occasionally associated with sphalerite and lesser amounts of galena. Production from the mine has come from such lenticular bodies. A 10-15-foot lens of this type is intersected by the 40-foot raise adjacent

to the stope above the No. 3 tunnel. This lens like the other lenticular lenses appears to be controlled by interlacing shears within the major shear system.

The Footwall vein zone was cut near the shaft in the Drainage Tunnel 20 feet below the shaft collar. The hanging-wall strand of the zone that is nearest the shaft strikes N. 60° W. and dips 64° NE. A small lens of ore has been mined from this structure. Thirty-two feet to the southwest the footwall strand crosses the tunnel, striking and dipping more or less parallel to the hanging-wall strand. These two members are intersected on the 100 level, one 40 feet northeast of the shaft and the other 105 feet northeast of the shaft. On the 200 level the 200 NE. Crosscut went 165 feet before encountering the Footwall zone. The intersections of the Footwall structure on the 100 and 200 levels indicate a decided flattening in dip of this zone. The intersections and apparent flattening in dip also suggest that the Reed zone may be a split from the stronger Footwall vein zone.

Exploration on the 200 level was primarily in the Footwall zone, which on this level is a broad, braided, highly crushed zone in argillite. The zone dips rather flatly to the east and sudden changes in strike are common (fig. 2). There also are numerous smaller faults that split off from the main zone, all of which makes the zone difficult to follow. Within and near to the zone the crushed and broken argillite has been little affected by wall-rock alteration; however, pyrite and marcasite are common both in the zone and the nearby wall rock. Locally, there are discontinuous and broken veinlets of quartz, calcite, and siderite. Where siderite is present, there are usually varying amounts of galena, sphalerite, and chalcopyrite. These sulfides occur as streaks, veinlets, and bunchy masses within or surrounded by sheared zones. The bodies have short strike lengths and are almost always badly crushed with considerable amounts of sulfides in the gouge. A good example of the effect of shearing was a partially rounded chunk of galena weighing about 70 pounds that was found in the 202 SE. Drift completely surrounded by fault gouge and more than 100 feet from the nearest known sulfide occurrence.

Near the top of the 201 Winze a rather massive body of sulfide ore was found, from which eight carloads were shipped, but which was bounded on all sides by faulting. No other minable ore was found either on strike or down dip from this occurrence.

On passing through the Footwall zone the 200 NE. Crosscut went directly into massive limestone, a rock that was not expected on the 200 level when contract work began. This limestone was expected to be a more favorable host rock for mineral deposition than the soft, pliant argillites. Crosscutting advanced through some minor faults near station 218 and went on to a point beyond a

stronger fault that was intersected near station 204. This fault has been correlated with the Reed structure. Subsequent work in the 201 NE. Crosscut failed to go far enough to intersect this fault, although DDH No. 4 is believed to have passed through it a few feet from the end of the hole.

The 207 NW. Drift was turned off the 200 NE. Crosscut at station 218 to follow a split off the Footwall structure and to check on some ore previously found in DDH No. 3. This split, referred to on the map as the hanging-wall split, is a strong fault in limestone. The drift found a small lens of high-grade galena and sphalerite at the 204 Raise. The lens pinched to a tiny stringer about 3 feet above the track but thickened to a width of about 6 feet at the back of the drift. It had a strike length of about 30 feet and extended about 6 feet above the back of the drift before pinching or being faulted out. Other insignificant stringers of ore were found in the drift, but on the whole the hanging-wall split in the limestone was as barren, if not more barren, than the Footwall zone in the unfavorable argillite. At the northwest face the drift went into argillite and consequently was abandoned.

Five diamond drill holes were drilled during the contract, of which the No. 3 hole intersected low-grade ore in limestone. The 202 and 203 Raises were driven from the 207 NW. Drift to explore the ore found in the hole, but the results were disappointing (section through DDH No. 3, fig. 2). The ore was found as a replacement of the limestone, but it was low in grade, and the bodies were discontinuous and bounded by faults.

From the project findings it has been concluded there are probably ore bodies in the Snoose structures but that post-mineral faulting in and along the veins has so obliterated the bodies and scattered the ore that any attempt to further explore them would be as futile as have been the attempts in the past.

The Footwall and Reed structures of the mine have been explored throughout a strike distance of around 1,700 feet and on six levels throughout a vertical range of 450 feet, not to mention the outcrop. In all this area nothing has been found in sufficient quantity to pay the cost of mining, and there are no geologic reasons to expect conditions to improve either along the strike or down the dip of the structures.

THE PROJECT

DMA exploration at the Snoose mine was predicated on the premise that the strong Snoose structures, Reed and Footwall, would continue into an underlying limestone, where it was hoped that replacement-type ore bodies would occur at the fault-limestone intersections.

The contract, dated August 21, 1951, set up a step-by-step program. Each successive step of the program was to be contingent upon the findings of the previous step and upon prior Government approval, as follows:

Step I.--To install a pump and electric hoist in the Snoose shaft and to rehabilitate the shaft down to the 200 level.

Step II.--To extend the crosscut on the 200 level in the present direction to beyond the structure in the face of the crosscut and explore for the Reed lode. This lode should be intersected at a maximum distance of 150 feet. If intersected at a lesser distance, continued crosscutting will be unnecessary.

Step III.--To drift 1,000 feet on either the Footwall or Reed structure on the 100 and 200 levels. The drifting program on these levels will depend upon (1) findings in the 200 level crosscut, and (2) strength of the mineralized structures at the points of intersection.

Step IV.--A winze will be sunk from the 200 level to explore the intersection of the Snoose structures and the limestone beds which crop out east of the present mine workings. This sinking operation will be concurrent with the drifting program on the 100 and 200 levels. It is planned to sink the winze on the Reed structure inasmuch as this structure is farthest east, strongest, and will be the first structure to intersect the limestone. However, if sinking in the Reed structure makes for unfavorable mining operations, the applicants will continue sinking the present shaft and will then crosscut from the shaft to the Snoose structure and limestone bed intersections.

Step V.--After intersecting the limestone beds, it is planned to drift and/or crosscut on the structure for a maximum of 1,500 feet. The extent of this exploration program will depend upon the strength and mineral showings of the structures where opened by the mine workings.

Steps I and II were completed, but Step III was modified to work on the 200 level only. Steps IV and V were not considered feasible on the basis of exposures in Step II, and Government participation was withheld, although the Operator sank the 201 Winze 170 feet at -30° and drifted about 50 feet from the winze--all below the 200 level. Work units completed and accepted under the contract were crosscutting 402 feet, drifting 1,302 feet, raising 173 feet, and diamond drilling 1,000 feet.

The contract was modified with 10 amendments as follows:

Amendment No. 1, dated September 21, 1951 (effective August 21, 1951), allowed an electric motor-driven standby pump to cost $850.

Amendment No. 2, dated September 23, 1951 (effective August 21, 1951), provided labor and supplies for shaft rehabilitation.

Amendment No. 3, dated January 8, 1952 (effective August 21, 1951), allowed telephone calls not to exceed $20 per month.

Amendment No. 4, dated February 15, 1952 (effective February 1, 1952), allowed a maximum of $1,000 for snow removal, pumping out and rehabilitation after a suspension of work and also allowed crosscutting as well as drifting, a combined total of 1,000 feet.

Amendment No. 5, dated April 22, 1952 (effective March 1, 1952), substituted a stoper and drifter for two drifters with columns and arms.

Amendment No. 6, dated October 15, 1952 (effective October 1, 1952), provided for a raise between the 200 and 100 levels on the Footwall structure.

Amendment No. 7, dated January 7, 1953 (effective October 1, 1952), allowed $2,400 to replace buildings, equipment, and stores which had been destroyed by fire.

Amendment No. 8, dated May 4, 1953 (effective May 1, 1953), deleted Step IV and substituted 1,000 feet of diamond drilling from the 200 level and the bottom of the winze.

Amendment No. 9, dated August 20, 1953 (effective June 1, 1953), increased the crosscut and drift units in Step III from 1,000 to 1,500 feet and decreased drifting and crosscutting under Step V to 140 feet.

Amendment No. 10, dated September 10, 1953 (effective August 1, 1953), extended the completion date to April 1, 1954, and increased the repayment period from 10 to 11 years.

Project work began in the 200 NE. Crosscut at a point 202 feet from the northeastern side of the shaft timber and advanced from there to station 204 + 40 feet, or to a point in the hanging wall of the Reed shear zone. Drifts were then started from the crosscut, following the Footwall structure both to the northwest and to the southeast. At station 207 the 202 SE. Drift got off the structure and the 203 Drift was turned off along an insignificant

fault. This drift was continued to a point at station 207 + 53 feet before the mine was visited by a DMA field examiner, who advised the Operator that continuation of this drift would be without Government participation. The 202 SE. Drift subsequently was advanced a total of 250 feet in or near to the Footwall structure before being abandoned because of disappointing findings.

The 201 NW. Drift was extended 622 feet to the northwest following the Footwall structure. At a point about 180 feet beyond the 200 NE. Crosscut the Operator drove the 201 Raise to the 100 level in the Footwall structure but did not find any minable ore. Further to the northwest near station 214 a small lens of ore was found in the drift, and the Operator requested approval to sink a winze on this ore. This request was denied on the basis that the skimpy findings to that date did not warrant winzing. Instead, a counter proposal was made by the Government to diamond drill the downward extension of the Footwall structure from a point near the face of the 200 NE. Crosscut. If drilling results proved favorable, it was proposed that winzing then follow. The Operator, however, rejected this proposal and sank the winze at its own expense. A small ore shoot was found in the winze from which eight carload shipments were made, which are described in the section on production. Over-all results in the winze were discouraging, however, and it was abandoned after having been sunk 170 feet.

In May 1953 the Operator agreed to a diamond drilling program to explore the hanging-wall area from the Footwall structure. DDH's No. 1 and 2 were drilled from near the bottom of the winze. They gave discouraging results (core log in pocket). DDH No. 3, drilled from near the base of the 201 Raise, intersected ore in two different places and was largely the reason for the subsequent driving of the 207 NW. Drift and its associated workings. DDH No. 5 was only 8 feet long and is not shown on the maps. DDH's No. 4 and 6 did not encounter ore mineralization.

The 207 NW. Drift, with its crosscuts and raises, found minor showings of ore but not in commercial quantity.

As exploration results had been disappointing and as the Operator was running out of operating capital, project work was stopped in November 1953, and a Termination Agreement was signed on December 7, 1953.

The project was vigorously run by the Operator, particularly by A. M. Jensen, president and general manager of the company (deceased), who had implicit faith in the mine and a fierce determination to develop it into a producing property. Heavy snowfall during the winter season, a fluctuating supply of labor, and a fire that destroyed part of the surface plant were hindrances to the

project. Also, the Operator was embittered over having to sink the winze on company account. He believed that the winze was part of the contract and that the Government should have participated in the sinking expenses.

Summary of Factual Data

Drifts and crosscuts totaling 1,864 feet were completed at a unit cost of about $46.80 per foot; most of the workings were timbered. One hundred and seventy-four feet of timbered raise was completed at a unit cost of about $53 per foot. One thousand feet of diamond drilling cost $7.90 per foot.

The total contract amount was $135,000, but total approved costs were $115,354.27 so that the Government's share of the cost on a 50 percent basis was $57,677.14.

There were a few unusual conditions to contribute to the unit costs incurred. Nearly all openings required timbers, and the muck was all hoisted through a shaft having one hoisting compartment. There were snowslides and a surface fire. Two shifts were generally employed when project headings were advanced.

Eight lots of ore were shipped from the mine from September 30, 1952, through May 28, 1953, with net proceeds of $5,690.36, from which $247.67 was due and paid the Government in royalties. Jointly purchased equipment charged to the project was determined by final audit to have a salvage value of $1,859.20. By letter of December 16, 1953, to the Field Team the Operator offered to buy the Government's equity in this equipment, and this offer was accepted by the Executive Officer in a letter to the Certifying Officer, dated March 22, 1954. In this letter the Executive Officer waived the Government's interest in such supply items as track, pipe, and similar items, which were under water in the mine and whose salvage costs were estimated to be more than the items were worth.

Exploitation Possibilities

There were no ore bodies outlined by the project. The small, broken and discontinuous ore shoots and streaks might warrant extraction at some future date, but only if lead and zinc prices are fantastically higher than at the present time.

As noted in the section on production, the eight carloads of ore shipped from the winze yielded average net proceeds of $12.76 per ton, which did not pay general mining and development costs. Conventional mining and milling practices cannot be adapted to the lower grade rock that remains in scattered irregular pockets.

Discussion of Conclusions

The project work was performed in a workmanlike manner and, for the most part, was capably supervised. There were some setbacks due to heavy snows, snowslides, and a fire that destroyed surface buildings and equipment. No unusual conditions were encountered underground although practically all openings required timber.

The Snoose veins were found to be broad, intricately braided and contorted shear zones in which the ore minerals occurred as streaks, veinlets, small irregular masses and discontinuous lenses, and as fragments in the gouge; all occurrences have been affected by faulting. Close inspection of almost any section in the drifts revealed ore minerals but rarely in sufficient amounts to warrant sampling. The veins in limestone showed no increase in ore minerals over those in argillite.

The intensity of post-mineral faulting in the Snoose veins and the fact that this sheared condition may be expected throughout the veins, both on strike and dip, makes themunattractive for continued exploration; therefore, it is believed that further Government participation in exploration of the Snoose veins is not warranted.

Enclosures
Distribution:
DMEA(4)✓
USBM(5)
USGS(SRO)
Docket
Kiilsgaard

DRILL LOG
SNOOSE D. D. H. #1

DEPTH	159'
BEARING	N25E
DIP	/ 50°
COORDINATES	4543 E
	5355 N

DEPTH	CORE RECOVERY	SIZE HOLE	DESCRIPTION	MINERALIZATION
0-5'	50%	NX	Broken Argillite	$CaCo_2$ & sulfide - pyrite filling in fractures
5-8'	40%	BX	" "	" "
8-9'	50%	"	" "	" "
9-14'	60%	"	" "	fewer sulfides
14-19'	60%	"	Broken calcareous Argillite	" "
19-24'	50%	"	" " "	" "
24-29'	50%	"	Argillite	$CaCO_2$ in fractures
29-34'	70%	"	29-31' Broken Argillite 31-34 Firm Dark Lmst.	
34-39'	85%	"	34-36 " " "	
			36-37 Fault Zone	some sulfides
39-44'	75%	"	Broken Calcareous Argillite 41-42 Fault Zone	" " (Fe)
44-49'	20%	AX	Broken Calcareous Argillite	
49-54'	50%	"	Broken Argillaceous Lmst.	pyrite specks
54-64'	5%	"	" " "	"
64-69'	5%	"	Broken Argillite	
69-79'	20%	"	" "	
79-84'	40%	"	" "	
			79-80 Slickensides	
				(80-82) $CaCO_3$ & sulfides
84-89'	40%	"	Dark Calcareous Argillite	
89-94'	15%	"	Argillite	$CaCO_2$
94-99'	10%	"	"	"
99'-104'	30%	"	Broken Argillaceous Lmst.	
104-109'	10%	"	Broken Argillite	
			104-106 Gouge	sulfides
109-112'	80%	"	Broken Calcareous Argillite 109-110 slickensides	(110-112) pyrite specks
112-119'	20%	"	Broken Calcareous Argillite	
119-124'	40%	"	" " "	Qtz & $CaCO_2$
124-125'	20%	"	Broken Lmst.	
125-129'	15%	BX	Dark Argillaceous Lmst.	pyrite specks
129-134'	40%	"	Broken Argillite	
134-140'	10%	"	" "	pyrite specks
140-150'	50%	"	Dark Lmst.	
150-155'	80%	"	" "	$CaCO_2$ in fractures
155-159'	40%	"	Gray Jointed Lmst.	

Logged by H. S. Pollar

DRILL LOG
SHOOSE D. D. H. #2

DEPTH	201
BEARING	N 27 E
DIP	∠ 5°
COORDINATES	4504E
	5669N

DEPTH	CORE RECOVERY	SIZE HOLE	DESCRIPTION	MINERALIZATION
0-4	75%	NX	Broken Argillite	Qtz, $CaCO_3$ & sulfides
4-8	80%	NX	" "	" "
8-16	65%	NX	" "	Lesser amounts of Qtz & $CaCO_3$
16-21	10%	"	" "	
21-26	20%	"	(21-22) Fault Zone	Qtz & $CaCO_3$ Filling
			(22-26) Broken Argillite	" " "
26-31	25%	"	Broken Gray Limst. (75%)	Pyrite specks
			" Argillite (25%)	
31-41	25%	"	(31-33) Broken Gray Limst.	$CaCO_3$
			(33-36) " Argillite	" & Pyrite Specks
41-46	40%	"	" "	" " "
46-53	25%	"	(46-50) Fault Zone ?	
			(50-53) Broken Argillite	Pyrite specks
53-56	5%	AX	" "	" & $CaCO_3$
56-61	45%	"	(56-57) " "	" "
			(57-61) Firm Gray Limst.	$CaCO_3$ seams
61-65	75%	"	(61-65) Fault Slickensides	
			(63-65) Calcareous Argillite	$CaCO_3$
65-70	75%	"	(65-69) Gray Limst.	"
			(69-70) Black siliceous Argillite	pyrite specks
70-72	60%	"	Black Argillite	" "
72-75	65%	"	" "	Qtz fillings
75-80	20%	"	" "	" "
80-85	10%	"	" "	" "
85-95	20%	"	" ", H_2O course	" "
95-101	15%	"	(95-97) " "	
			(97-99) Fault	
			(99-101) Broken Argillite	Qtz & pyrite
101-106	60%	"	(101-102) " "	
			(102-106) Gray Limst.	Qtz fillings
106-111	90%	"	" " ,slickensides	Qtz fillings
111-116	70%	"	" " "	$CaCO_3$
116-121	90%	"	(116-118) " " "	"
			(118-119) " " "	abundant pyrite
			(119-121) " "	Pbs & ZnS
121-143	90%	"	" "	$CaCO_3$ & pyrite in seams
143-144	80%	"	Black Argillite	
144-147	90%	"	Gray Limst.	$CaCO_3$
147-171	60%	NX	" ", Possible Fault at 148	
171-193	10%	"	Broken Limst.	
193-201	10%	"	" Argillite	

Logged by H. S. Pollar

Logged by
V. Z. Johnson, USBM

ZIGOOSE MINING COMPANY

Diamond Drill Hole No. 3

Run size and Recovery	
0-5.7 NX- 30%	Soft broken argillite, calcite seams, specks of pyrite.
5-7.5	5-6.0 Soft broken argillite, calcite seams and specks of pyrite 6.0-7.5 Firm jointed argillite, specks of pyrite.
7.5-13 NX- 50%	7.5-9.0 Broken argillite 9.0-10.0 Lime, argillite 10.0-13 Limestone, stringer of calcite, sulphide vein at 12 feet.
13-17 NX- 75%	13-17 Jointed limestone
17-20 NX- 50%	17-20 Broken limestone
20-25 NX- 50%	20-25 Broken limestone
25-30 NX- 50%	Jointed limestone
30-35 NX- 60%	Jointed limestone
35-36 NX- 50%	Jointed limestone
36-38 NX- 60%	Limestone fractured and seamy, pyrite, calcite 37-38
38-41 NX- 70%	Limey argillite
41-46 NX- 50%	Broken limestone
46-48 NX- 70%	Dark, broken limestone; small pyrite calcite vein at 47.5
48-51 NX- 80%	Firm jointed limestone

51-54 AX- 50%	Firm jointed limestone
54-58 BX- 70%	Jointed argillaceous limestone
58-60 BX- 65%	" " "
60-65 AX- 60%	" " "
65-71 AX- 50%	" " "
71-76 AX- 50%	Jointed argillite
76-81 AX- 50%	" "
81-86 AX- 45%	Sulfides for few inches at 81.5
86-91 AX- 85%	Dark argillaceous limestone- specks of pyrite
91-96 AX- 65%	Dark jointed limestone, calcite and sulfides in fractures.
96-101 AX- 40%	Dark jointed limestone, considerable calcite and a few disseminated sulfides. Good sludge from 98 ft. on
101-105 AX- 40%	As above
105-111.5 AX- 40%	Jointed limestone
111.5-115 AX- 25%	Fractured limestone. Fe, ZnS, FeS, quartz and calcite sludge at 112 to 120. panned well
120- 125 AX- 20%	Fractured limestone, Fe, ZnS, FeS, quartz and calcite
125-127.5 AX- 30%	As above
127.5-131 AX- 20%	Fractured limestone, Fe, Zn sulfide stringers at 129-131
131.0-136 AX- 60%	Jointed limestone, occasional pyrite specks

136-140 AX- 40%	Jointed limestone; probable veinlet at 138
140-145 AX- 50%	Jointed limestone; few sulfides
145-150 AX- 85%	Jointed thin bedded limestone; small veinlet FeS at 149
150-161 AX- 90%	Jointed thin bedded limestone
161-166 AX 20%	Broken limestone; few sulfides, probable vein at 166
	(Core removed for sampling 166-170)
166-171 AX- 40%	Broken limestone; FeS- FeS Calcite and Quartz
171-174.5 AX- 60%	Dark broken argillaceous limestone. Sulfides as above.
174.5-180 AX- 20%	Dark limestone; considerable FeS
180-181 AX- 90%	Dark limestone; fine crystals FeS and FeS
181-186 AX-85%	Gray limestone; FeS 181-184, calcite sealed fractures and joints 184-186
186-189 AX- 60%	Gray limestone; sulfides 186-188
189-195 AX- 30%	Gray limestone, FeS and FeS at 190
195-200 AX- 90%	Gray limestone
200-205 AX- 90%	" "
205-210	" "
	Calcite and sulfides 299-30
210-216 AX- 90%	Gray limestone; 210-212 broken with FeS and FeS
216-221 AX- 90%	Gray limestone

221-226 AX- 70%	Jointed gray limestone; little PbS 225-226
226-231 AX-45%	Gray limestone 226-229 broken PbS and ZnS
231-236 AX- 85%	Gray limestone 236-237 broken
236-241 AX- 75%	Gray jointed limestone
241-246 AX-40%	" " "
246-251	" " " 250-251 leached vein with PbS and ZnS

-- Bottom of Hole --

Operator's sample data for D.D. H. No. 3

Depth	Type	Au	Ag	Pb	Zn
105-110	Sludge	.008	7.8	4.7	4.4
110-120	"	.002	0.9	0.9	2.1
120-125	"	.02	0.9	Tr.	4.0
174.5-182	Sludge	.02	1.0	1.2	4.0
166-196	Core	.02	1.8	1.1	4.6

SMOOSE MINING COMPANY

Logged by
V. Z. Johnson, USBM

Diamond Drill Hole No. 4

Run size and Recovery	
0-4 BX-50%	Dark gray limestone
4-10 BX-80%	" " "
10-14 BX-80%	" " "
14-19 BX-50%	Broken dark gray limestone
19-21.5 BX-80%	" " " "
21.5-24 BX-100%	Jointed limestone
24-29.5 BX-70%	" "
29.5-34.5 BX-60%	Dark jointed limestone
34.5-38 BX-95%	Jointed limestone
38-43 BX-90%	Gray limestone
43-47 BX-45%	Broken limestone
47-50 BX-90%	Gray limestone
50-54 BX-50%	" "
54-59 BX-75%	Jointed gray limestone
59-62 BX-80%	Jointed gray limestone Sulfides at 61

62-67 RX-90%	Gray limestone broken 62-63
67-70 RX-50%	Broken gray limestone
70-72 AX-30%	Gray limestone
72-77 AX-80%	Gray limestone
77-79.3 AX-95%	" "
79.5-84.5 AX-80%	" "
85.5-89.5 AX-75%	Jointed gray limestone
89.5-92.5 AX-85%	" " "
92.5-94.5 AX-60%	" " "
98.5-102 AX-90%	" " "
102-107 AX-60%	" " "
107-113 AX-40%	" " "
113-118 AX-95%	" " "
118-124 AX-85%	Jointed gray limestone; broken at 123 ft, leaching and specks of pyrite
124-128 AX-95%	Dark broken limestone and few sulfide specks.
128-132 AX-55%	As above

132-136 AK-45%	Light gray jointed limestone
136-140 AK-60%	Dark limestone; sulfide specks at 140
140-146 AK-75%	Broken brecced limestone
146-149 AK-50%	Light gray limestone jointed
149-154 AK-80%	Light gray limestone
154-159 AK-90%	Gray jointed limestone

Bottom of hole

DRILL LOG
SNOOSE D. D. H. NO. 6

DEPTH	222 feet
BEARING	N 75° E
DIP	/ 10°
COORDINATES	5019 E
	5002 N

Feet From	Feet To	% CORE RECOVERY	SIZE HOLE	DESCRIPTION
0	8	100	BX	Gray limestone
8	11	37.5	"	" "
11	19	"	"	" "
19	26	100	"	Gray ls., heavy FeS_2, few narrow bands arg. up to 1" wide
26	31	50	"	Gray ls.
31	36	72	"	Dark gr. ls., some slicks from shearing
36	41	44	"	Gray ls.
41	44	100	"	Blocky gr. ls.
44	49	86	"	From 45 - 47 ft. graphite coatings, some arg.; strike of arg. almost parallels hole
49	61	33	"	Core badly ground from 50 - 56', cal., qtz.; heavy FeS_2, ls. cut by calcite stringers
61	70	49	"	Gray ls.
70	86	48	AX	" "
86	91	86	"	" "
91	96	100	"	Gr. ls., at 93' ls. brecciated, cal. stringers
96	113	63	"	At 111' hole enters blk. arg., sheared
113	124	94	"	From 111' to 117', blk. sil. arg., then thin ls. interbedded in arg.
124	134	57	"	From 131.5' to 134' blk. arg., rest ls.
134	144	50	"	Blk. arg. at 144' hit strong flow of water believed to be strong fault; Reed fault probably from 100' to 144'.
144	147	26	"	Blk. arg.
147	159	71	"	Gray ls.
159	165	50	"	Gray ls., fine grained
165	179	39	"	Blk. arg., mottled with wavy streaks calcite
179	188	78	"	Blk. arg. with 10' ls. starting at 180'
188	196	72	"	Blk. arg., & ls. From 193' to 196' ls. mottled with interbedded ls.
196	210	50	"	Dark gr. arg., some streaks of calcite
210	217	27	"	Dark gr. arg., some streaks cal.
217	222	--	"	" " " " " "
End				Hole cased from 144' to end.

Logged by T. H. Kiilsgaard,
U. S. Geological Survey

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LARGE FORMAT DOCUMENTS AT END OF FILE

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Surname

Swinnerd
Talbert
Selfridge
Johnson

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

FEB 4 1955

Mr. A. M. Jensen, President
Snoose Mining Company
423 First National Bank Building
Boise, Idaho

Re: Docket No. DMEA-211 (Zinc)
Contract Idm-4120

Dear Mr. Jensen:

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 allowable costs incurred	$115,354.27
Total Government contribution at 50 percent	$ 57,677.14

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.

WRGriswold/er 2/1/55
Copy to: Docket
Region I (2) NW Dist.
Admr R File
Op. Committee
Base Metals
Mr. Jay Chambers
Mr. Kiilsgaard, USGS
Mr. Bishop, USBM
Chron.

Sincerely yours,

R. O. Mittendorf (for)
Administrator

R.C.B.

Alley
Chambers

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

SEP 28 1954

Mrs. Myrtle Purdy
DMEA Certifying Officer
Region II
1201 N. Division Street
Spokane 2, Washington

Dear Mrs. Purdy:

In reviewing the records of this Division it appears that supplemental payments have been made on certain contracts on which amounts due had been withheld without two copies of the payment documents being forwarded to Washington. The contracts involved are listed as follows:

Contract	Docket	Operator	Amount Withheld
E-120	211	Snoose Mining Company	$ 787.48
318	2475	Jim Creek Mines, Inc.	785.64
329	2499	Montana Coal and Iron	1,120.00

In addition, we are missing copies of the October, 1953, MF-104 for Exploration Project Contract No. Idm-E299, Docket No. 2419, Lone Eagle Quartz Mine.

It will be appreciated if you will furnish the required copies of the missing payment vouchers or schedules (showing voucher numbers, dates of payment, and amounts paid) at your convenience.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Chief
Contract Administration
and Audit Division

AMAlley/ama
September 28, 1954

Copy to: Docket - DMEA 211
Admr. Reading File
Mr. Chambers

DEFENSE MINERALS EXPLORATION ADMINISTRATION

ROYALTY REPAYMENTS
AS OF AUGUST 31, 1954

OPERATOR

The Snoose Mining Company

CONTRACT NO.

E-120

DOCKET NO.

211

RECEIVED DURING AUGUST

$ -

TOTAL RECEIVED

$247.67

DATE OF LAST RECEIPT

6/15/54

DEFENSE MINERALS EXPLORATION ADMINISTRATION

ROYALTY REPAYMENTS
AS OF JULY 31,1954

OPERATOR

The Snoose Mining Company

CONTRACT NO.

120

DOCKET NO.

211

RECEIVED DURING JULY

$ -

TOTAL RECEIVED

$247.67

DATE OF LAST RECEIPT

6/15/54

DEFENSE MINERALS EXPLORATION ADMINISTRATION

ROYALTY REPAYMENTS
AS OF JUNE 30,1954

OPERATOR

The Snoose Mining Company

CONTRACT NO.

E-120

DOCKET NO.

211

RECEIVED DURING JUNE

$247.67

TOTAL RECEIVED

$247.67

DATE OF LAST RECEIPT

6/15/54

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

June 10, 1954

Weissenborn
Betty

Certifying Officer, DMEA
Field Team, Region II
1201 North Division
Spokane, Washington

Re: Docket No. DMEA-211 (zinc)
Snoose Mining Company
Snoose Mine
Blaine County, Idaho
Contract No. Idm-E120

Dear Sir:

Enclosed is Check No. 603 received from the Snoose Mining Company dated June 4, 1954, in the amount of $247.67. This check represents the Government's royalty due on ore shipments from the above-referenced property, as explained in a Field Team letter to the operator dated May 28, 1954, copies of which are in your files. Also attached is a copy of a letter from the operator dated June 7, 1954.

Sincerely yours,

Thor H. Kiilsgaard
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Attachments as indicated

cc: DMEA w/encl. ✓

Received attachments _____
date

MINE OFFICE
P. O. BOX 67
HAILEY, IDAHO
TELEPHONE 140

Snoose Mining Company

COMPTROLLERS OFFICE
423 FIRST NAT'L BANK BLDG
BOISE, IDAHO
TELEPHONE 6911

June 7, 1954

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

Re: Docket No. DMA 211 (zinc)
Snoose Mine
Blaine County, Idaho
Contract No. Idm-2120

Dear Mr. Weissenborn:

As requested in your letter of May 28, 1954, a Snoose Mining Company check for $247.67 is enclosed as royalty on ore shipments due the Government.

This check should complete the file so that you may close out the account.

We have enjoyed working with you and your cooperation and consideration have been appreciated.

Very truly yours,

SNOOSE MINING COMPANY

Lewis H. Moore

Lewis H. Moore

1 Enclosure

RECEIVED
JUN 9 1954
SPOKANE, WASH.

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

1201 N. Division St.
Spokane 2, Washington
May 28, 1954

Mr. L. W. Moore
Sunset Mining Company
423 First National Bank Building
Boise, Idaho

Re: Docket No. DMEA 211 (zinc)
Sunset Mine
Blaine County, Idaho
Contract No. Idm-E120

Dear Mr. Moore:

In processing your final vouchers for payment in the amount of $1437.45, the Certifying Officer inadvertently overlooked deducting the sum of $247.67 due the Government as royalty on ore shipments, as referred to in our letter of December 7, 1953 and your reply of December 16, 1953.

Therefore, please remit a check to us in the amount of $247.67 so that we may close out the account. The check should be made payable to the Treasurer of the United States and mailed to the Executive Officer, DMEA Field Team, Region II, So. 157 Howard St., Spokane 4, Washington.

We regret having inconvenienced you in this matter.

By Field Team, Region II

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

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

cc: DMEA, Wash. (2)
USGS (2)
Certifying Officer
Auditor Hull

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

May 11, 1954

Mr. L. W. Moore
Moose Mining Company
402 First National Bank Building
Boise, Idaho

Re: Docket No. [illegible] (Misc)
Moose Mine
Blaine County, Idaho
Contract No. [illegible]

Dear Mr. Moore:

Enclosed please find copies of a Final [illegible] Certificate and a Final [illegible] Audit Report on the captioned contract. Also enclosed is a signed copy of Form [illegible], Disposal of Government's Interest in Property, which transfers to you all of the Government's interest in jointly-owned equipment. The Government's interest in any items of material still at the mine, such as track and pipe, is hereby waived as the expense of salvaging these items would be more than they are worth.

As all contract obligations have been complied with, and as the Government has accepted your offer for jointly-owned equipment, the [illegible] Certifying Officer has been instructed to make final payment to you.

I wish to thank you for your cooperation in closing out the contract account.

Sincerely yours,

[illegible] L. Weissenborn
Executive Officer, [illegible]
Field Team, Region II

Enclosure

cc: DMEA (2) w/encls. of Form A
USBM (2)
Cert. Officer w/encl.
Killegaard

Docket
Falkat
Chamberlin

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

MAY 11 1954

Mr. Robert M. Hull
DMEA Auditor
1201 North Division Street
Spokane 2, Washington

Subj.: Idm-E120, DMA-211
Smoose Mining Co.,
Idm-E545, DMEA-2891
J. R. Simplot Co., and
Idm-E531, DMEA-3010
Bradley Mining Company

Dear Mr. Hull:

Reference is made to the Audit Report and Certificate for Idm-E120 and the Reports of Review for Idm-E545 and Idm-E531, as submitted by your letters of May 3 and 4, 1954.

The Audit Report and Certificate covering Idm-E120, Smoose Mining Co., is acceptable and distribution may be effected after correction of a typographical error. The date on the last line of page 2 of the Audit Report should be May 26, 1953 rather than May 26, 1952. The correction has been made on the Washington copies.

The Report of Review covering Idm-E545, J. R. Simplot Co., is returned herewith for revision, since the reasons for a review in lieu of an audit are improperly stated. Reasons (b) and (c) should be deleted and replaced by the following reasons (provided, of course, that they are correctly applicable):

(b) the Monthly Reports were supported by documentary proof of the costs applicable to contract provisions for payment by the Government on the basis of actual costs incurred;
(c) a large portion ($1,730.25) of the costs incurred covered work performed at unit rates under independent contract; and
(d) a large portion ($2,693.75) of the costs incurred were under a contract provision for payment by the Government on the basis of agreed estimated costs of units of work actually performed.

It is apparent that you have confused independent contract costs with agreed unit costs. In this connection your attention is invited to my memorandum of February 2, 1954 to all auditors on the subject: Reports of Review in lieu of final audits, particularly to the paragraph headed "Important" on page 4 thereof.

R.C.B.

The Report of Review covering Idm-E531, Bradley Mining Co., is being held in suspense pending a reply to my letter to you under date of May 4, 1954, relative to the audit of this contract. My letter and your Report of Review apparently crossed in the mails.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Chief
Contract Administration
and Audit Division

Enclosure

EDTalbert/wh
May 11, 1954

Copy to: Docket
Admr. Reading File
Mr. Chambers

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

Defense Minerals Administration
RECEIVED
MAR 23 8 1954

March 22, 1954

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

Re: Docket No. DMEA-211 (lead-zinc)
Snoose Mining Company
Snoose Mine
Blaine County, Idaho
Contract Idm-2120

Dear Mr. Hindman:

This is to advise you that work on the subject contract was terminated by agreement on December 7, 1953, before completion of the work.

The operator has presented a final report which has been accepted by the Executive Officer. The operator also has submitted a bid on all jointly-owned equipment, and has requested that payment for his share of equipment be deducted from money due him that is currently being withheld by DMEA. This offer for the jointly-owned equipment is hereby accepted.

The Executive Officer waives all Government interest in track, pipe, and other similar items that were used in DMEA work. The Snoose mine shut down after DMEA work was terminated and the mine was allowed to flood. Installed track and pipe would therefore be of little use to the operator and the cost of salvaging and disposing of these items would be more than they are worth.

As the operator has complied with all contract obligations, it is requested that his account be scheduled for immediate audit. Following the audit, he should be paid any money due him for contract expenses, and the account should then be closed.

Sincerely yours,

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

cc: USGM (2)
DMEA (2)
Hall
Jay L. Chambers, Wash., D. C.

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

January 18, 1954

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

Re: Docket No. DMEA-211 (Zinc)
Snoose Mining Company
Snoose Mine
Blaine County, Idaho
Contract No. Idm-E120

Dear Mr. Selfridge:

Enclosed are the original and two copies of the operator's final report on the subject property which has been accepted as satisfactory by the Executive Officer, Region II. One copy of the report has been retained for our files.

The Field Team will not recommend a Certification of Discovery or Development be issued for work completed on the subject property.

Sincerely yours,

A. E. Weissenborn

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

Enclosure

cc: Certifying Officer
USBM (2)
Kiilsgaard

RECEIVED
BUREAU OF MINES
JAN 6 - 1954
SPOKANE, WASH.

Subject: NARRATIVE REPORT
Exploration and Development Progress
Docket No. DMEA-211 (Zinc)
Snoose Mine
Blaine County, Idaho
Contract No. Idm-E 120

Period - September 1951 - November 1953

Date: December 11, 1953

To: DMEA

From: Snoose Mining Company By: Harry S. Poller

The following is a summarization of exploration work done with DMEA participation during the period of September 1951 through November 1953. Reference is made to progress map C-100, November 1953.

September 1951	Mine shaft and underground workings were dewatered and general rehabilitation of same was completed.
October 1951	The 200 NE X-cut was extended 117 feet.
November 1951	The 200 NE X-cut was extended an additional 48 feet so to expose the hanging wall structure more fully. Drifting was commenced on the footwall structure and a total of 77 feet of advance made. This was later designated the 201 NW drift.
December 1951	94 feet of advance was made in the 201 NW drift. Small amounts of Pb and Zn mineralization were exposed.
January 1952	Heavy snows and danger of snow slides made it impossible to keep mine road open; as a result, work was discontinued until spring. The mine workings were allowed to flood.
April 1952	Mine road was cleared of snow and mine workings dewatered. The following advances are for the first part of January and the latter part of April; 75 foot drifting on footwall structure, 33 foot in the 202 N.W. drift and 42 foot in the 201 S.E. drift.
May 1952	The 201 NW drift was advanced 56 ft. and the 202 SE drift was advanced 37 ft. At this point in the SE drift a prominent SE structure was exposed apart from

the true footwall structure. 5 ft. of advance was made along this structure and designated the 201 NW drift.

June 1952 — The 201 NW drift was advanced 104 ft. along the footwall structure. Promising mineralization was exposed in the latter 10 ft. of advance. Additional advances of 11 and 27 ft. were made in the SE drift and 203 SE drift.

July 1952 — The 201 NW footwall drift was extended 88 ft. and the NE X-cut was advanced an additional 38 ft.

August 1952 — 145 ft. of drift advance was made on the 200 ft level; Advance was made mostly on the footwall vein and one small ore pocket was exposed in the 201 NW drift. Ore varied in thickness from 0-1.7' and assayed as follows: Au 0.04, Ag 8.4, Pb 3.8, Zn 53.4.

September 1952 — 169 of drift advance was made on the 200 ft. level. 53 ft. of advance was along a prominent NW brake and mineralization zone. This was designated the 207 NW drift. The balance of advance for the month was along the footwall vein. One shipment was made from the ore saved in development headings, assaying Au .0325, Ag 7.605, Pb 2.8, Zn 8.775.

October 1952 — 64 drift and raise advance was made on the 200 ft. level. 15 ft. of advance was in the form of a raise and approved by DMA. Seven additional ft. were made in the 207 NW drift. At this time DMA advised discontinuation of heading. The balance of advance for the month was along the footwall vein. Underground operation for the month was confined to the period of the 1st to 16th.

On the night of the 16th most of the surface installations were destroyed by fire. The gallows frame, hoist house and most of mine timber was saved. Loss in equipment and tools was complete except for the top hoist and equipment in the mine. Immediately after the fire, a new compressor was installed and construction started on a combination compressor, shop and changeroom building. The building will be fireproof and able to withstand snowslide due to its cement and cinder block construction.

By the first of November, work was continued underground and the 201 raise and 201 NW drift headings were being advanced.

November 1952	90 ft. of drift and raise advance was made on the 200 level. Operations for the month were on a one-shift basis, which accounted partly for small footage recorded. Construction of new surface installations was completed.
December 1952	100 ft. of drift and raise advance was made on the 200 level. 85 ft. advance in raise and brake through to the 100 ft. level was accomplished. Completion of raise proved that we were farther in the footwall on the 200 level than as developed on the 100 ft. level. Balance of advance for the month was along footwall in the 201 NW drift. The 201 winze station was cut and preparations made to commence sinking. Considerable fair grade ore was exposed during operation. Heavy snows hindered operations near the end of the month; however, the purchase of a Tucker Sno-Cat by the company made it possible to continue work at the mine.
January 1953	The winze program was contined. No exploration work with DMEA participation was done during this period.
February 1953	Work in the winze continued, in addition to this 39 ft. of raise advance was made for the month and approved by DMEA. The raise exposed a cross-section of footwall structure at bottom of the 201 raise. Two shipments were made from ore mined in the winze. The assay on one shipment was AU .045, Ag 6.38, Pb 2.95 and Zn 10.83. The assay on the other shipment was Au.030, Ag 7.085, Pb 2.85 and Zn 8.60.
March 1953	Work in the winze continued. Three shipments were made from ore mined in the winze. One shipment assayed Au .035, Ag 6.435, Pb 3.025, Zn 12.92; the second shipment assayed Au .030, Ag 5.92, Pb 2.85, Zn 11.040; the third shipment assayed Au .035, Ag 7.415, Pb 3.275 and Zn 12.05.
April 1953	Winze development continued.
May 1953	Winze development was discontinued in order to undertake a diamond drill program with DMA participation. Three diamond drill stations were cut and timbered and 300 ft. of drillhole completed. 25 ft. of raise was driven in back of winze station and a small high grade ore pocket exposed. Also, preparations were made to commence drifting West into the footwall on the 100 ft. level. One shipment was made from ore mined in raise back of winze station assaying Au .060, Ag 15.795, Pb 6.525 and Zn 11.61.

June 1953

Diamond drill project continued and 650 ft. of drill hole advance was made. Two more diamond drill stations were cut and timbered. 35 ft. drift advance was made in 207 drift. Drift is being driven to prove an ore body as indicated in #3 DD hole. It may be noted that 25 ft. of high grade ore and 30 ft. of fair grade complex was drilled in DD hole #3. Assays are as follows:

Depth		Au	Ag	%Pb	%Zn
105-110	ft.	.08	7.8	4.7	4.4
110-120	"	.02	0.9	0.9	2.1
120-125	"	.02	0.9	0.7	4.0
174.5-182	"	.02	1.0	1.2	4.0

July 1953 through November 1953

The diamond drill project was terminated after completion of 50 ft. of drill hole for the month. Sufficient ore was indicated in DDH No. 3 to merit further exploration in this area and as of this date the following work has been done:

207 NW drift	Ft. 507
207 FW "	" 32
207 intermediate FW drift	" 28
207 NE X-cut	" 131
203 Raise	" 20
204 Raise	" 15

The above work proved the ore as indicated in DDH #3 to be very erratic and discontinuous.

December 1953

Due to low Pb and Zn metal prices and lack of ore in sufficient quantity and grade, the decision was reached to discontinue all mine development until better conditions prevail.

All equipment and supplies except mine rail were removed from underground workings and put in storage. On December 4th the pumps were pulled and mine allowed to flood.

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

December 18, 1953

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

Re: Docket No. DMEA-211 (Zinc)
Snoose Mine
Blaine County, Idaho
Contract No. Idm-E120

Dear Mr. Selfridge:

Attached are the original and two signed copies of an agreement mutually terminating the subject contract.

Distribution of this agreement is being made in the usual manner.

Sincerely yours,

A. E. Weissenborn

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

Attachment

cc: USBM (2)
Kiilsgaard

cc
12-21

RECEIVED
DEC 30 1953
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

WASHINGTON 25, D. C.

[illegible]

[illegible]

[illegible]

Re: [illegible] (Lease)
[illegible]
[illegible]
[illegible]

Dear Mr. [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

form letter. In the event you wish to retain the equipment and supplies for your own use, you should present this office with a firm offer of what you think these items are worth. This offer should be based on the value of the items at the time DMEA work on the COO level was discontinued. If your offer is acceptable, the Government can accept payment for its equity therein either as a cash payment from the Snoose Mining Company or by deducting the equivalent amount from funds currently being withheld from invoice payments.

An additional deduction that the Government must withhold concerns royalty payments on ore shipped from the Snoose mine that benefited from DMEA exploration. Necessity of this royalty is described in Annex A attached to Amendment No. 10. The ore referred to consists of 8 shipments, Lots 8052, 47, 81, 98, 134, 147, 171, and 200, the total weight of which amounted to 445.700 dry tons having a Net Proceeds value of $[illegible],690.30. According to our calculations, royalty to the Government on this ore would amount to $247.67. It is believed that further repayments will not be necessary, as the Field Team will recommend that no "Certification of Discovery or Development" be issued to the Snoose Mining Company for project work.

A prompt reply on the proposals presented in this letter will be appreciated.

By Field Team, Region II

Signed in Volin's absence as
Thomas E. Howard

Acting for M. E. Volin, Acting Exec. Officer
(U. S. Bureau of Mines)

Thor H. Killsgaard, Acting Manager
(U. S. Geological Survey)

Enclosures
cc: L. W. Moore
403 First National Bank Bldg.
Boise, Idaho

USBM (2)
DMEA (2)
Killsgaard

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

1201 N. Division St.
Spokane 2, Washington
November 20, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: John A. Bowsher, Mining Engineer, Bureau of Mines

Subject: Interim inspection, Docket No. DMEA 211 (zinc), Snoose Mining Co., Blaine County, Idaho, Contract No. Idm-E120

This interim inspection was made Wednesday and Thursday, November 11 and 12, 1953. A general discussion of the contract status was held with Art Jensen, president, and L. W. Moore, accountant, of the company. The underground inspection was made in the company of Harry Poller, company engineer.

The total amended contract units completed are as follows:

Drifting	1515 feet)	(Sch. 1650)
Crosscutting	351 feet)	
Raising	174 feet	(Sch. 175)
Diamond drilling	1000 feet	(Sch. 1000)

The above tabulation is the result of a review with Mr. Poller of the Operator's monthly reports and a check against the company engineer's map. It is mutually acceptable by this Field Team representative and Mr. Poller as a true resume of the actual project exploration to date. It does not agree with total units as reported on the MF-104's, which were greater; however, gross errors were found in those forms as submitted by the Operator. It conforms closely to the Field Team's interim reports sufficiently to be considered as in agreement during each interim, and with the totals to date.

The advance during the interim, October 10 to November 12, was 145 feet of drifting in the 207 NW drift. The advance was partially timbered; 11 drift sets back lagged. Drifting has been stopped and the total length from the main 200 crosscut is 494 feet, and from the last measure point, USBM #292 @ 244 feet, plus 250 feet. The October voucher has not been received and the funds unexpended are $26,329.57, before auditing the September voucher which is being withheld because of possible contract termination. The contract termination date as amended is "not later than April 1, 1954."

The geology in the 207 NW drift, from USBM #292 + 130 feet to the face, is very unfavorable. The structure is tight and the mineralization practically nil. A few quartz lenses with minor zinc mineralization were opened.

All contract activity is suspended because of probable contract termination, and the company has stopped all work on the 200 level in preparation of deepening the 200 winze toward the 400 level.

The discussion with Messrs. Jensen and Moore related to the Government's request for a mutual termination of the contract, based mainly on exhaustion of geological targets and no ore discovery. The Operator proposes to submit a letter to the Field Team requesting that the termination be held in abeyance until the company work deepens the 200 winze which they believe will present favorable geological targets. A similar situation occurred in the period February to June 1953, when the company sank the winze from the 200 level to its present depth, without Government participation. The purpose of the contemplated proposal for the advantage of the Operator is obvious. The advantage to the Government is the possibility of determining new geological targets with possible ore discovery and certification of discovery. The Government would be under no obligation to resume the exploration. An examination by the Field Team representative of the winze below its present depth would be made prior to the amended termination date, "not later than April 1, 1954," to determine the possibility of new geological targets.

John A. Bowsher

John A. Bowsher

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD
JAB/he

FILE COPY
SURNAME:

Original
Selfridge
Johnson
Whitehead

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

DEPARTMENT OF THE INTERIOR
AGENCY: DMEA

Originator: WRGriswold/bjl
Rm. 4058 Ext. 3669

November 19, 1953

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

Reurlet November 13, 1953, Docket DMEA-211, Smoose Mining Company, Contract Idm-K120. You are authorized to terminate project as requested. Please note Annex I to Amendment 10 requires royalty payment on ores shipped. In making final financial settlement suggest you retain sufficient funds for protection Government equity in equipment purchased under contract and also royalty payments due.

George C. Selfridge
Chairman, Operating Committee

Copy to: Docket
Admr. R. File
Op. Committee
Base Metals
Accounts
Mr. Kinkel
Mr. Bishop
Chron.

R.G.S.
11-19-53

TELETYPE MESSAGE

DEPARTMENT OF THE INTERIOR
AGENCY: DMEA

Originator: WRGriswold/bjl
Rm.: 4058 Ext.: 3669

Date: November 18, 1953

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

Reurlet November 13, 1953, Docket DMEA-211, Snoose Mining Company, Contract Idm-E120. You are authorized to terminate ~~this~~ project as requested. ~~As ore shipments totalling $5,690.00 have been made, we feel we should certify project.~~

Chairman, Operating Committee

files

TELETYPE MESSAGE

DEPARTMENT OF THE INTERIOR
AGENCY: DMEA

Originator: WRGriswold/bjl
Rm. 4058 Ext. 3669

November 19, 1953

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

Reurlet November 13, 1953, Docket DMEA-211, Snoose Mining Company, Contract Idm-E120. You are authorized to terminate project as requested. Please note Annex I to Amendment 10 requires royalty payment on ores shipped. In making final financial settlement suggest you retain sufficient funds for protection Government equity in equipment purchased under contract and also royalty payments due.

George C. Selfridge
Chairman, Operating Committee

CONFIRMATION COPY

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
Spokane

NOV 16 1953

November 13, 1953

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

Re: Docket No. DMEA-211 (Zinc)
Snoose Mining Company
Blaine County, Idaho
Contract No. Idm-E120

Dear Mr. Selfridge:

Enclosed are four copies of an inspection report by Mr. Thor Kiilsgaard, U. S. Geological Survey, in which he recommends that DMEA participation in the Snoose contract be terminated before completion of the work because of the improbability of making a worthwhile discovery.

The Field Team concurs with Kiilsgaard and recommends that approval be granted to terminate the contract. No certification of discovery should be issued to the Operator for contract work.

On October 27, 1953, the Field Team wrote Mr. Jensen, Operator of the referenced contract, inquiring as to his thoughts concerning termination of the contract by mutual agreement. No answer to this letter has been received. It is therefore assumed that Mr. Jensen is not in agreement to the Field Team proposal and will not enter into such an agreement. Permission should therefore be given to terminate by unilateral action should the Operator refuses to sign a mutual termination agreement.

This recommendation to terminate the contract should receive immediate consideration as we do not care to continue participation in contract expenses that are accumulating from day to day. A telegraphic reply to this letter would be appreciated.

why?

By Field Team, Region II

A. E. Weissenborn

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

M. E. Volin

M. E. Volin, Member
(U. S. Bureau of Mines)

Enclosure
cc: USBM (2)
Kiilsgaard

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
NOV 16 1953

November 10, 1953

MEMORANDUM

To: DMEA Field Team, Region II

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

Subject: Inspection Snoose Mine, Blaine County, Idaho, Docket No. DMEA-211 (zinc), Contract Idm-E120.

The Snoose mine was examined on October 15 - 16, 1953. Time spent at the mine was devoted to mapping the geology of project work completed since July 1953. During part of the examination, the writer was assisted by Mr. Harry Pollar, engineer for the Operator. Following the examination, some time was spent with Mr. Pollar and Mr. Jensen, president of the Snoose Mining Company, during which we discussed the results of work accomplished to date and the feasibility of continuing the project.

Since July 1953, all work at the Snoose mine has been done in the 207 NW drift and in various workings driven off that drift. The purpose of these workings has been to further test the mineralization exposed in the No. 3 Diamond Drill Hole. To accomplish this task, the 207 NW drift was turned more to the northwest from its original northern bearing and advanced about 100 feet at which point a strong, sparsely mineralized structure was encountered, which appears to have split off the Footwall structure (see attached map). The drift was then turned to follow this structure, hereafter to be referred to as the Hanging Wall structure. In addition to this drift, a short crosscut was extended in a westerly direction off the 207 NW drift to come beneath the ore intersected in the No. 3 DD Hole, and the short 202 raise and intermediate level was driven off the crosscut to intersect this ore (see accompanying cross section through No. 3 DD Hole). After the Hanging Wall structure had been followed by the 207 NW drift for about 45 feet, a crosscut was turned to the northeast to extend under the No. 3 DD Hole. The short 203 raise was driven off this crosscut to also intersect ore found in the No. 3 DD Hole.

The 207 NW drift was continued on the Hanging Wall structure at the same time the northeast crosscut was being driven. The 204 raise was extended one set above the drift from a point about 65 feet northwest of the junction of the 207 NW drift and the northeast crosscut.

Where intersected in the 207 NW drift, the Hanging Wall structure is essentially a strong, braided shear zone whose aggregate thickness is unknown but which is probably in excess of 15 feet. Of this width, the top 1 to 2 feet is a gouge zone in which are drag fragments of crushed sphalerite and galena. Also in this zone, immediately underneath the hanging wall, is a discontinuous veinlet of quartz and calcite ranging from half an inch to one inch in thickness in which is pyrite with high-grade sphalerite and galena. The Operator reports that drift samples from the Hanging Wall structure assay 0.08 oz. Au, 3.4 oz. Ag, 2.5 percent Pb, and 2.6 percent Zn, although it is believed that if the narrow hanging wall veinlet were excluded, the assays would be much lower. The general appearance of this structure is that of a tight pre-mineral fault that has been very sparsely mineralized along the hanging wall, but which has also been a structure of intense post-mineral shearing. The Hanging Wall structure should show in the 200 NE crosscut but does not, thus, it evidently merges with the Footwall structure at some point not exposed by present mine workings.

As the Hanging Wall structure did not appear to project into the area that had shown ore in the No. 3 DD Hole, a short crosscut was extended beyond the 207 NW drift and the 202 raise and a short intermediate was driven off this crosscut. The raise and intermediate show that the No. 3 DD Hole intersected a flat-dipping vein, ranging up to 3 feet in thickness, the bottom 1 to 1.5 feet of which contained scattered ore comprised chiefly of sphalerite. A sample taken across a 1.5-foot width of this flat vein was lost, but it is estimated that the vein, where sampled, would assay about 5 percent combined lead-zinc. The flat vein is very sharply cut off by the Hanging Wall structure (see accompanying cross section). The angle of intersection of the drill hole and the narrow, flat vein evidently accounts for the length of mineralized core taken from the No. 3 DD Hole in the interval between 105 and 125 feet.

The 203 raise, driven off the northeast crosscut, was intended to explore that section where mineralized core was taken from the No. 3 Diamond Drill Hole in the interval between 165 and 180 feet. This raise was believed to be necessary as no ore was intersected anywhere in the northeast crosscut, other than traces of sphalerite along some small faults and as no structure was encountered that would project to the drill hole intersection. The first 20 feet of the 203 raise was in barren, blocky limestone. At the 20-foot point, a flat fault was intersected above which was a small, irregular, replacement ore pod composed chiefly of sphalerite but with some galena. This pod pinches out at the northeast side of the raise and appears to pinch out in the back of the raise about 10 feet above the flat fault. The attitude of the pod is indistinct, but it is assumed that it extends upward to the drill hole intersection. A muck pile sample from the raise assayed 0.02 oz. Au, 2.0 oz. Ag, 2.0 percent Pb, and 5.7 percent Zn. The pod was so discouraging in size and grade that no attempt was made by the Operator to extend the raise beyond the point where the ore appears to pinch out.

The 207 NW drift had been extended about 175 feet northwest from the northeast crosscut, following the Hanging Wall structure, as of the time of the examination. Throughout this distance, there are traces of sphalerite and galena in the fault gouge, and occasionally some small sphalerite-galena veinlets along the hanging wall. At a point about 70 feet northwest of the northeast crosscut, the drift encountered a lense of ore that pinched to a stringer at breast level but widened at the back. The 204 raise was consequently driven on this ore; however, the pod rapidly pinched in the back one set above the drift and further raising was abandoned. To the northwest, the strike length of the lense was tested by two 5-foot holes in the northern wall, the westernmost of which gave negative results. Total strike length of the lense is therefore believed to be no more than 30 feet and the dip length about 10 feet. The lense is bounded on both hanging wall and footwall by faults and, as such, gives the impression of merely being a pod of ore that has not been as completely crushed by post-mineral fault movement as has other ore in the Hanging Wall structure. At the time of the examination, the face of the 207 NW drift was essentially fault gouge and crushed limestone with little evidence of lead-zinc mineralization. It has been reported since that a few feet beyond the point where the face was on October 15, the Hanging Wall structure had become so tight and barren that the Operator intended to cease further drifting.

DMEA exploration at the Snoose mine was predicated on the premise that the strong Snoose structures - Footwall and Reed - should intersect a limestone member of the Milligen formation at or above the proposed 400 level, and that intersections with these competent rocks should be the loci of possible ore bodies. Both of the aforementioned structures had yielded ore in upper workings, but in these areas the wall rock had been thin-bedded argillites that tended to form tight impermeable gouge where faulted. The postulation of possible ore bodies was based not only on conditions apparent at the Snoose but upon conditions generally prevalent in the Hailey district where most ore bodies are found in more competent rocks commonly underlain and overlain by the impervious, pliant argillites. Crosscutting and drifting on the 200 level of the Snoose exposed competent limestones at higher elevations than had been anticipated, consequently, an extended program of drifting was undertaken to test the stronger Footwall structure on this level. It was reasoned by both DMEA examiners and the Operator that such drifting was warranted to further test that structure. This drifting, however, exposed only a few streaks and pods of crushed ore; at no place in the 200 Footwall drift was there ore found that had not been affected by post-mineral strike and/or dip faulting. Subsequent crosscutting and drifting on the 200 level has tested the Hanging Wall structure, which may or may not be the Reed structure, but which is in the same pattern as the Footwall structure, and which is completely enclosed by limestone.

During the later part of 1952, the Operator announced his intentions of sinking a winze on the Footwall structure from the 200 level. He was informed by the Field Team that DMEA could not participate in such a sinking program as results acquired to that date did not justify such work. This decision to not participate in sinking was based on the fact that the Footwall structure was already in contact with competent limestones and did not show evidence of commercial lead-zinc mineralization, and that there was nothing indicating that mineralization would increase in either amount or grade with depth. We suggested instead that the hanging wall area be further tested by drifting and/or crosscutting and that a diamond drilling program be initiated to test both the hanging wall area and also parts of the Footwall structure at depth. The Operator was informed that if this proposed work yielded satisfactory results, DMEA would participate in deeper level exploration. The Operator did not agree to this program, however, obdurately insisted he would put the winze down with or without DMEA assistance.

The winze was sunk about 160 feet below the 200 level on the dip of the structure without DMEA assistance. A few feet below the 200 level, a pod of ore was encountered from which 445.708 dry tons of ore were shipped as reported by Mr. V. Z. Johnson, U. S. Bureau of Mines, in his September 28, 1953, inspection report. This pod was not extensive, however, and quickly pinched out both on strike and on dip. The remainder of the winze was discouraging and quite barren. The winze was not mapped by DMEA examiners, but it has been reported that sinking was discontinued when either the dip of the structure reversed or else was cut by a near vertical-dipping fault.

Following the sinking of the winze, the Operator agreed to a diamond drilling program and the contract was therefore amended to allow this work. A suggested drilling program was presented for the Operator's consideration which was generally accepted. Holes 1 and 2, drilled into the hanging wall from the bottom of the winze, gave negative results. Hole No. 3, drilled into the hanging wall from near the base of the 201 raise, yielded ore in two different sections of the core; drilling results from the remaining holes, while encountering traces of ore in some sheared zones, were not encouraging.

At the conclusion of the drilling program, the Operator requested a contract amendment to allow crosscutting and drifting to further test the ore exposed in the No. 3 DD Hole. This amendment was granted and the completed work has been previously described in this report. While the work was underway, it became necessary to extend the contract beyond the 2-year limit to provide time to complete the project. The additional work in the hanging wall area as alloted in Amendment No. 9 had been largely completed at the time of my examination on October 15 and 16.

At the conclusion of my examination, I met with Mr. Jensen, president of the Snoose Mining Company, to discuss results of work completed as of that date. Mr. Jensen is suffering from an acute lung disease and is confined to his home. It is exhausting for him to walk around the house and he must frequently inhale oxygen from an oxygen tank equipped for that purpose to restore his strength. Because of his ailment he is reported not to have been underground at the Snoose mine for more than a year. Mr. Jensen stated that he intended to crosscut from the bottom of the 200-level winze to further test the Hanging Wall structure. He also announced his intentions of continuing the winze to a lower level and to explore on that level. He stated that he hoped DMEA would participate in that work as it was called for in the contract, and as he believed it was the Government's intent to participate in such work. Mr. Jensen said that he believed the ore found on the 200 level in both the Hanging Wall structure and in the winze was sufficient to justify further exploration and that he believed the mine could not be considered as being adequately tested until this work was done. He likened the Snoose to the Triumph mine where he had been manager for 19 years and pointed out that the Triumph ore body increased in size and grade with depth. In summation, Mr. Jensen pointed out that the future of the Hailey district depended upon the success of the Snoose mine and he inferred that DMEA was obligated to continue participation in the project.

A review of all work completed to date at the Snoose mine leads the writer to believe that further exploration of that mine by the Operator with or without DMEA participation is not justified. From the uppermost level above the collar of the shaft to the bottom of the 200-level winze, the Snoose structures have been explored throughout a vertical range of 450 feet. By counting the highest outcrop above the uppermost level, this vertical range would be increased to around 600 feet. In strike length, the structures have been tested on six levels throughout a distance of around 1,700 feet. The location of the older workings, with respect to the shaft, is shown on the attached map. Comparison of this map with the map of DMEA project work will show the rather extensive area that has been tested by mine workings. In all of this area, ore found in Snoose structures has had similar characteristics, i. e., it has been low in grade, predominantly sphalerite, in small discontinuous ore bodies, and badly crushed by post-mineral faulting. The original objective of the DMEA project, to test the Snoose structures in underlying competent limestones, has been achieved but with discouraging results. Ore found in the limestone has been as discontinuous as ore found in argillite and there is no evidence indicating that either the size of the ore bodies or the grade will increase either along the strike or at greater depths. It is believed that all possible targets have received an adequate test and that further exploration must be based on sheer optimism and not on fact. In short, it is believed that further exploration either along the strike or in depth will be as discouraging as work completed. As there are no remaining known targets at the Snoose mine that warrant exploration, it is recommended that DMEA participation at that mine be terminated.

Upon the writer's return to the Spokane office, a Field Team letter dated October 27 was sent to Mr. Jensen requesting his comments on termination of the contract by mutual agreement. This letter has been unanswered to date and it is assumed that Mr. Jensen's opinion of this proposal is reflected by his failure to answer. It is almost certain that he will be emphatically opposed to any termination of the contract short of complete expenditure of contract funds. Mr. Jensen has a dying man's optimism in the Snoose mine and as he raises the company's share of project costs by the sale of stock, any withdrawal of Government participation will be looked on as adversely affecting the sale of such stock and most certainly will be vigorously contested. It is extremely likely that Mr. Jensen will exert every force at his disposal to keep DMEA in participation until contract funds are expended. It must be realized that termination negotiations could seriously affect Mr. Jensen's health; however, it is my belief that a decision must be made sooner or later to abandon the Snoose mine, and unfortunate as it may be to Mr. Jensen's and other Snoose stockholders' interests, it would be to the Government's advantage to terminate at this time and not expend further funds in a program that has become devoid of a worthwhile exploration target.

It is recommended that approval be obtained from the Operating Committee to terminate the contract by mutual agreement. However, the Operating Committee should be immediately advised that the Operator will undoubtedly not enter into such an agreement and, therefore, approval should be obtained to terminate because of the improbability of making a worthwhile discovery. No Certificate of Discovery should be issued to the Operator for work done at the Snoose project.

Enclosures
cc: Wash.(Orig.&3)
USBM(2)
Docket
Kiilsgaard

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
N. 1201 Division
Spokane 2, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 16 1953

October 27, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: John A. Bowsher, Mining Engineer, U. S. Bureau of Mines

Subject: Interim report, DMEA Docket No. 211 (zinc), Snoose Mining Co., Blaine County, Idaho, Contract No. Idm-E120

This interim inspection was made Saturday, October 10, 1953, in the company of Mr. Harry Poller, engineer for the mining company. The previous inspection had been made by V. Z. Johnson, Mining Engineer, Bureau of Mines, Wednesday, September 9, 1953.

The total amended contract units completed are as follows: (tabulated from the engineering data in the USBM files)

	Amended Scheduled Estimate	Gov't Interim Reports (to 10/53)	Company Vouchers 104A's (to 10/53)	Company Progress Report (10/53)	Scaled Company Map
Drifting)	1650 ft.	1254 ft.	1236.5 ft.	1463 ft.	1301 ft.
Crosscutting)		357 ft.	402 ft.	402 ft.	378 ft.
Raising	175 ft.	173 ft.	173.5 ft.	183 ft.	
Diamond drilling	1000 ft.	992 ft.	961 ft.	995 ft.	

Quote from the government interim report of January 29, 1953, "Total units completed to date and accepted for payment are in some headings less than the total advanced as the Operator in instances advanced a couple of rounds on his own account."

The operator's voucher for September 1953 has been received and the total funds unexpended are $26,329.57 before auditing. The termination date, amended, is "not later than April 1, 1954."

The progress during the interim was 50 feet of drifting in the 207 NW drift and since the USGS reports an additional advance of 25 feet to about October 15, the total advance is 75 feet, for a total length of 374 feet. The total units of drifting and crosscutting to date are

approximately 1611 feet (sch 1650). Since the scheduled estimate of 1650 feet has been nearly reached it will be necessary to consider an amendment for additional footage to permit the contract to continue.

The operator has vouchered payment for 41 feet of crosscutting during September. The crosscutting is located from two blind raises from the 200 level and should be classified as sub-level exploration and payment cannot be allowed because the project terms only permit drifting and crosscutting on the 200 level.

The geology revealed by the advance in the 207 NW drift structure and the sub-level approximately 35 feet above the 207 NW drift indicates a sporadic and weak mineralization of low-grade values.

It is recommended by the writer that a geologic re-evaluation be made before an amendment for additional work is considered.

Distribution:
Orig. & 3 cys - Wash.
USGS (2)
DMEA
MD
AD
JAB/fw

LARGE FORMAT DOCUMENTS AT END OF FILE

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT - 8 1953

1201 N. Division St.
Spokane 2, Washington
September 28, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: V. Z. Johnson, Mining Engineer, Bureau of Mines

Subject: Inspection, Snoose Mining Co., Blaine County, Idaho, Contract No. Idm-E120, Docket No. DMEA 211 (zinc)

The inspection was made on September 9, 1953 in company with Mr. Harry Pollar, the Operator's engineer.

The 207 NW drift had advanced 205 feet, the 9° NE crosscut had advanced 127 feet, and 31 feet of diamond drilling had been completed since the inspection of July 3, 1953. In addition to the above, about 25-1/2 feet of drifting was done to the southwest from 155 feet in 207 NW drift.

Timber was required through the entire drift advance for about 8x8-ft. cross section. The crosscut was untimbered - 6½x8-ft. cross section.

USBM tag #292 was placed as a measuring point at 244 feet in 207 NW drift.

Hole No. 6 was completed during the period for a total depth of 222 feet as shown on the attached sketch.

Total contract units completed to date are as follows:

Drifting	1179.0 feet
Crosscutting	357.0
Raising	173.0
Diamond drilling	992.0

The 992 feet of diamond drilling includes 31 feet which the Operator overlooked when preparing Form MF-104A for August so that he reports units to date as 961 feet. Diamond drilling of 1000 feet shown on the July 3, 1953 inspection report was an error, as was raising 135 feet.

The Operator's MF-104-A for August indicated that only 2-1/2 feet was lacking (1497.5) to complete a total of 1500 feet in drifts and crosscuts as provided in Amendment No. 9 to the contract. As shown above, advance during September raised the total units of drift and crosscut to 1536 feet.

The structure and mineralization is favorable and as of the August invoice $31,709 remained of the contract amount. It is recommended, therefore, that an amendment be prepared for further drifting and crosscutting on the 200-foot level.

Mineralization in the 207 NW drift has been low grade but the structure is strong. Assays on the material broken from 65 to 138 feet in this drift and sampled by the Operator are as follows:

Au	Ag	Pb	Zn
.08	3.4	2.5	2.6

Drift 207 NW is driven on the stronger strand of the structure which was crosscut by D.D. Hole #3 with Operator's samples assaying as follows:

	Au	Ag	Pb	Zn
105-110 ft. sludge	.008	7.8	4.7	4.4
110-120 ft. "	.002	0.9	0.9	2.1
120-125 ft. "	.02	0.9	Tr	4.0

Check sample No. VJ-22 was taken at 249 feet across 5 feet of gouge, calcite, quartz, galena and sphalerite from 207 NW drift.

About one railroad car of drift rock has been stockpiled on the surface waiting arrangements for milling. Starting September 30, 1952 through May 28, 1953, Combined Metals Reduction Company had received eight shipments from the Operator, whose returns for that period have been photo copied. The returns show the following:

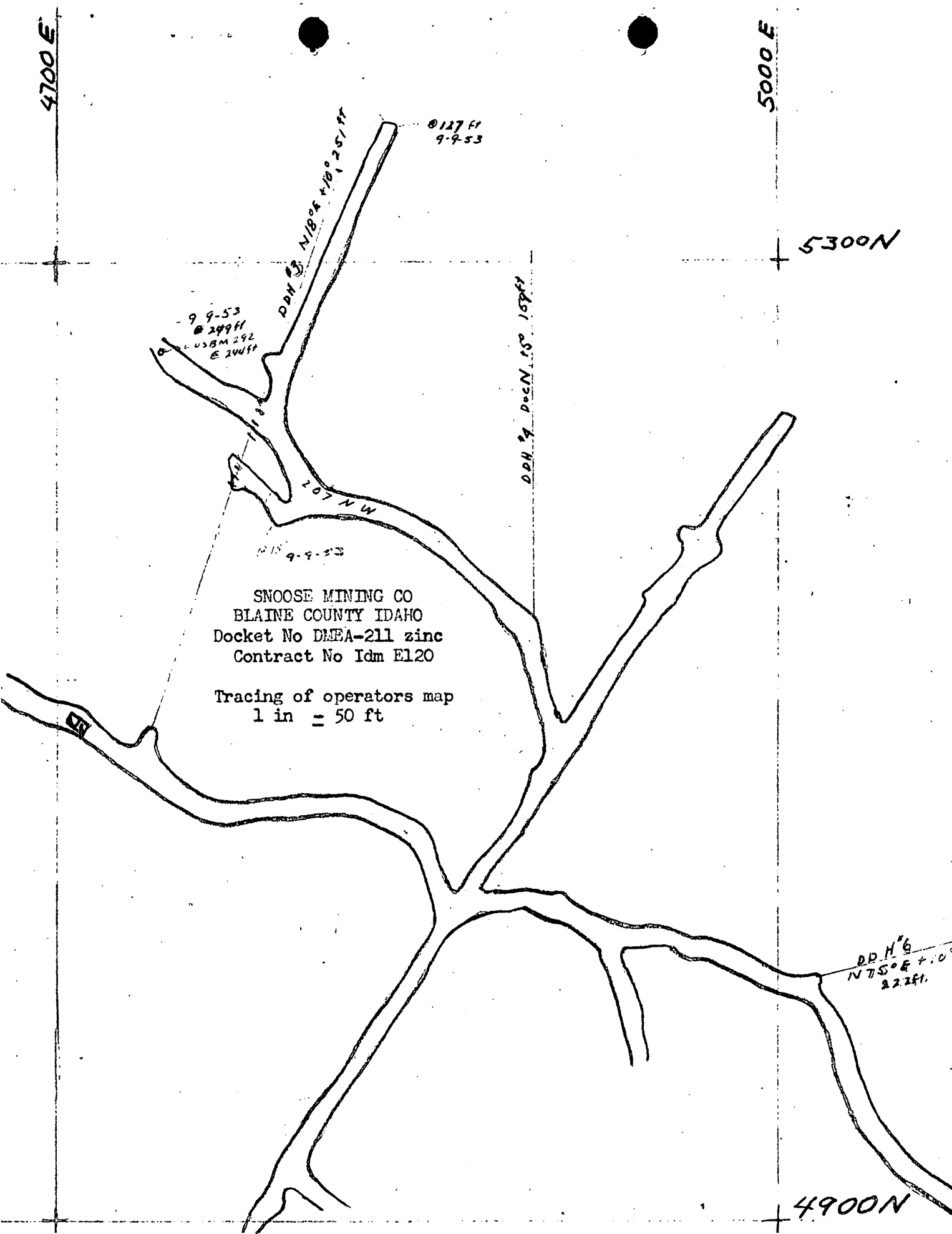
Date rec'd.	Lot No.	Wt. Dry tons	Values Au	Ag	Pb	Zn	Cu	Payment on notes $1/ton	Net to Oper.	Net Proceeds
9/30/52	8052	65.459	.788	5.360	3.492	11.209	.097	65.46	702.69	768.15
1/22/53	47	44.039	.963	3.317	2.187	9.749	.486	44.04	262.49	306.53
2/8 /53	81	58.639	1.225	4.257	3.081	12.026	.079	58.64	598.03	656.67
2/16/53	98	55.632	.700	4.892	2.738	8.840	.074	55.63	374.46	430.09
3/10/53	134	49.557	.700	3.843	2.824	11.567	.076	49.56	469.84	519.40
3/16/53	147	51.93	.875	4.307	3.011	13.476	.149	51.93	632.51	684.44
3/28/53	171	58.163	.875	5.189	3.504	12.449	.154	58.16	708.80	766.96
5/28/53	260	62.289	1.750	12.731	8.140	11.930	.147	62.29	1495.83	1558.12
Total		445.708								$5690.36

The average net proceeds from this 445.7 tons of raw ore are $12.76 per ton. The shipments were made from the DMEA project area or zones made partially accessible by the project. A recommendation to certify discovery is withheld pending the establishment of ore shoot continuity.

The project workmanship is very good, and costs are reasonable - $32.33/ft. for drift and crosscut during the period.

V. Z. Johnson

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD
VZJ/he


4700 E
5000 E
5300N
4900N
127 ft
9-9-53
DDH #3 N18°E +10° 251 ft
9-9-53
249 ft
USBM 292
E 244 ft
DDH #4 DecN 15° 169 ft
207 NW
9-9-53
SNOOSE MINING CO
BLAINE COUNTY IDAHO
Docket No DMEA-211 zinc
Contract No Idm E120
Tracing of operators map
1 in = 50 ft
DDH #6
N 75° E +10°
22.2 ft.

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
SEP 28 1953

September 24, 1953

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

Re: Docket No. DMEA-211 (Zinc)
Snoose Mining Company
Snoose Mine
Blaine County, Idaho
Contract No. Idm-E120

Dear Mr. Selfridge:

Attached are the original and two signed copies of Amendment No. 10 to the subject contract.

Distribution of this amendment is being made in the usual manner.

Sincerely yours,

Thor H. Kiilsgaard
emr

Thor H. Kiilsgaard
Acting Executive Officer
DMEA Field Team, Region II

Attachments

cc: USBM (2)
Kiilsgaard
Finance Officer w/encl.

Cor
9-28

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

October 15, 1953

Mr. Art Jensen
Snowse Mining Company
Kellogg, Idaho

Re: Project No. [illegible]-2[illegible] (Fine)
Snowse Mine
Shoshone County, Idaho
Contract No. [illegible]-[illegible]

Dear Mr. Jensen:

Enclosed please find several copies of Amendment No. 10 to your above contract which extends the termination date until not later than April 1, 1954.

This extension has been made to allow time to complete work outlined in the contract.

If the terms and conditions meet with your approval, please sign all copies, retain that copy marked for the operator, and return the others to this office.

Very truly yours,

[illegible] . Hillegaard
Acting Executive Officer, DMEA
Field Area, Region [illegible]

Enclosures
Orig. [illegible] 2
[illegible] 2
[illegible] Hillegaard

FILE COPY
SURNAME:

Griswold
Chambers
Selfridge
H. Johnson

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

SEP 1 0 1953

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

Re: Docket No. DMEA-211 (Zinc)
Snoose Mining Company
Snoose Mine
Blaine County, Idaho
Contract No. Idm-E120

9-10

Dear Mr. Weissenborn:

As recommended in your letter of August 20, 1953, we are enclosing the original and five copies of Amendment No. 10 to the above project.

If the amendment meets with your approval, kindly present it to the Operator for signature and distribute in the usual manner. In the event that the amendment is not satisfactory, and cannot be amended within your delegated authority, return all copies with your recommendations to this office.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Enclosures 6

WRGriswold/hmj
(9/4/53)
CC to: Docket
Adm. R. File
Op. Committee
Base Metals
8 Mr. Kinkel
Mr. Bishop
Chron.

APPROVED:

J. H. Hedges
Member, Bureau of Mines

A. R. Kinkel, Jr.
Member, Geological Survey

HHR
9-10-53

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

August 31, 1953

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

Re: Docket No. DMEA-211 (Zinc)
Snoose Mining Company
Snoose Mine
Blaine County, Idaho
Contract No. Idm-E120

Dear Mr. Selfridge:

Attached are the original and two signed copies of Amendment No. 9 to the subject contract, with attached justification.

Distribution of this amendment is being made in the usual manner.

Sincerely yours,

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

Attachment

cc: Finance Officer w/encl.
USBM (2)
Kiilsgaard

RECEIVED
SEP 15 1953
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

FILE COPY
SURNAME:
500

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

N.S. in R.R.

August 31, 1953

Memorandum

To: Chief Counsel

From: Chief, Base Metals Division

Subject: Contract Amendment No. 10., Snoose Mining Company, Snoose Mine, Blaine County, Idaho, Contract Idm-7120 - 211

As requested in the August 20, 1953 letter of the Region II Field Team, will you kindly prepare an amendment extending the life of this contract from August 21, 1953 to April 1, 1954.

We presume that this amendment would be No. 10. According to our records eight amendments have been made. You will note that the Field Team states " we are amending the contract, etc", hence we imagine that the amendment they are presently preparing will be number nine and the one above requested would hence become No. 10.

We assume the work change they are making is within their delegated authority, since in their Amendment No. 8 the Field provided for diamond drilling which was not in the original contract.

W. R. Griswold

W. R. Griswold

Attachment

Docket
Base Metals
Chron

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

Idaho Mineral Information
Received
Aug 3 1 1953

August 25, 1953

Mr. Art Jensen
Snoose Mining Company
Hailey, Idaho

Re: Docket No. DMA-211 (zinc)
Snoose Mine
Blaine County, Idaho
Contract No. Idm-E120

Dear Mr. Jensen:

Enclosed are several copies of Amendment No. 9 which have been signed for the Executive Officer and need only your signature to become effective. You will note that this amendment provides for an additional 500 feet of crosscut and/or drifting on the 200 level of the Snoose mine.

We had hoped that we would be able to wait until the present 207 crosscut had intersected the ore found in the No. 3 diamond drill hole before preparing this amendment. However, as the allowable footage in the 200 level had been exhausted and as we needed additional footage before we could make payment on your recent invoices, we have extended the 200 level footage by 500 feet. It is hoped that this extension will be sufficient, although it is recognized that further corrections may have to be made as work progresses.

If this amendment meets with your approval, please sign all copies, retain that copy marked for the Operator and return the remaining copies to this office.

Sincerely yours,

Thor H. Kiilsgaard
Acting Member
DMEA Field Team, Region II

Enclosure

cc: USBM (2)
DMEA (2)
Kiilsgaard

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
AUG 25 1953

August 20, 1953

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

Re: Docket No. DMEA-211 (Zinc)
Snoose Mine
Blaine County, Idaho
Contract Idm-E120

Dear Mr. Selfridge:

The two-year time limit on the Snoose contract expires August 21, 1953, although as of that date project work will not be completed. Failure to complete the contract in the specified time limit is due largely to two causes:

1. Heavy snows during the winter 1951-52 that forced suspension of work for a period of several months.

2. Sinking of a winze during the winter 1952-53, which was to be part of the proposed project work, but which could not be justified by the Field Team and hence was not participated in by DMEA. Winze sinking was continued for several months during which no DMEA exploration was conducted. In May 1953, a diamond drilling program, previously proposed by the Field Team, was undertaken in which DMEA participated.

Of the six diamond drill holes recently completed, five intersected the strong Reed structure or its associated structures and at these points of intersection found minor amounts of mineralization. One hole contained mineralization more or less continuously from 105 to 196 feet, with the interval from 174.5 feet to 196 feet showing ore assaying .02 oz. Au, 1.4 oz. Ag, 1.15% Pb and 4.3% Zn. This grade of ore is not high but is the best found to date in the mine. Furthermore, the ore seems to be of a replacement type and could be a substantial ore body.

To further explore the ore found by drilling, we are amending the contract to allow sufficient crosscutting and drifting for this purpose. However, as the time limit has expired, it will be necessary

to extend the contract to complete the work. It is therefore recommended that an amendment signed by the Administrator be prepared to extend the contract completion date from August 21, 1953, to April 1, 1953. This extension of eight months is probably more than is needed to do the work; however, the extra time is included to take care of any unforeseen delays.

By DMEA Field Team, Region II

A. E. Weissenborn

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

Thomas E Howard

T. E. Howard, Acting Member
(U. S. Bureau of Mines)

cc: USBM (2)
Kiilsgaard

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON~~
1201 N. Division St.
Spokane 2, Washington
July 20, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: V. Z. Johnson, Mining Engineer, Bureau of Mines

Subject: Inspection Snoose Mining Co., Blaine County, Idaho, Contract Idm-E120, Docket No. DMEA 211 (zinc)

The inspection was made July 3, 1953 with Mr. Harry Pollar, the Operator's engineer.

The third drill station and about 800 feet of diamond drilling had been completed since the inspection of May 28, 1953. Also during the period 207 N. W. drift had advanced 44 feet after diamond drill holes 1, 2, and 3 had encountered mineralization which made the advance feasible. The drift requires timbers and is about 8 x 8 foot cross section. Diamond drilling was started at the NX size and AX size has constituted most of the footage drilled. Total contract units completed to date are as follows:

Drifting	948.5	ft.
Crosscutting	230	"
Raising	135	"
Diamond drilling	1000	"

Actual totals are greater than the above because of advances at the Operator's own expense.

Diamond drill hole No. 4 which was drilled nearly due north from about 56 feet in 207 N. W. drift for 159 feet at plus 5 degrees, did not encounter any ore zones but there are zones of broken limestone, calcite quartz and sulfides that indicate the hanging wall on Reed structure to be from 120' to 145' north of the 207 N. W. drift.

The station for diamond drill hole No. 6 is at 140 feet in 202 S. E. drift from which the hole was drilled N. 75° E at plus 10 degrees.

Diamond drill hole No. 6 had not been completed and the cores for both No. 5 and No. 6 were not available for logging. A flow of water had been encountered in No. 6 and the driller reported that there was no apparent ore in either core.

The Operator had removed a large portion of the core from 166 to 195 feet in diamond drill hole No. 3 to be assayed with the sludge to give a representative analysis of that zone. The 207 N. W. drift follows two N. 30° - 40° striking fractures that are about 5 feet apart with NE 80 degree dip. The fractures have been slightly displaced by faulting at about 66 feet and at 102 feet. There are a few patches of galena and sphalerite along joints and bedding between these fracture planes and each forms a wall along which there is gouge, quartz, calcite and sulphides. Samples VJ 16-27 and 28 were taken from 207 N. W. drift as indicated on attached sketch.

It is recommended that the contract be amended to allow additional units of crosscut and drift on the 200 level. The workmanship is satisfactory and core recovery is about 60 percent. The May costs for drilling 300 feet averaged about $10.27 per foot which includes moving in and three drill stations which will make it possible to have a lower average cost for the contracted 1,000 feet now drilled.

V. Z. Johnson

V. Z. Johnson

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
VZJ/mp

SNOOSE MINING COMPANY

Diamond Drill Hole No. 3

Run size and Recovery	
0-57 NX- 30%	Soft broken argellite, calcite seams, specks of pyrite.
5-7.5	5-6.0 Soft broken argillite, calcite seams and specks of pyrite 6.0-7.5 Firm jointed argillite, specks of pyrite.
7.5-13 NX- 50%	7.5-9.0 Broken argillite 9.0-10.0 Limey argillite 10.0-13 Limestone, stringer of calcite, sulphide vein at 12 feet.
13-17 BX- 75%	13-17 Jointed limestone
17-20 BX- 50%	17-20 Broken limestone
20-25 BX- 50%	20-25 Broken limestone
25-30 BX- 90%	Jointed limestone
30-35 BX- 80%	Jointed limestone
35-36 BX- 90%	Jointed limestone
36-38 BX- 80%	Limestone fractured and seamy, pyrite, calcite 37-38
38-41 BX- 70%	Limey argillite
41-46 BX- 50%	Broken limestone
46-48 BX- 70%	Dark, broken limestone; small pyrite calcite vein at 47.5
48-51 BX- 80%	Firm jointed limestone

51-54 BX- 90%	Firm jointed limestone
54-58 BX- 70%	Jointed argillaceous limestone
58-60 BX- 85%	" " "
60-65 AX- 60%	" " "
65-71 AX- 80%	" " "
71-76 AX- 50%	Jointed argillite
76-81 AX- 50%	" "
81-86 AX- 45%	" " Sulfides for few inches at 81.5
86-91 AX- 85%	Dark argillaceous limestone- specks of pyrite
91-96 AX- 65%	Dark jointed limestone, calcite and sulfides in fractures.
96-101 AX- 40%	Dark jointed limestone, considerable calcite and a few disseminated sulfides. Good sludge from 98 ft. on
101-105 AX- 45%	As above
105-111.5 AX- 40%	Jointed limestone
111.5-120 AX- 25%	Fractured limestone. Pbs, ZNS, FeS, quartz and calcite sludge at 112 to 120. panned well
120- 125 AX- 20%	Fractured limestone, Pb, ZnS, FeS, quartz and calcite
125-127.5 AX- 30%	As above
127.5-131 AX- 20%	Fractured limestone, Pb, Zn sulfide stringers at 129-131
131.0-136 AX- 60%	Jointed limestone, occasional pyrite specks

136-140 AX- 40%	Jointed limestone; probable veinlet at 138
140-145 AX- 50%	Jointed limestone; few sulfides
145-150 AX- 80%	Jointed thin bedded limestone; small veinlet PbS at 149
150-161 AX- 90%	Jointed thin bedded limestone
161-166 AX 20%	Broken limestone; few sulfides, probable vein at 166
	(Core removed for sampling 166-195)
166-171 AX- 40%	Broken limestone; PbS- ZnS Calcite and Quartz
171.174.5 AX- 60%	Dark broken argillaceous limestone. Sulfides as above.
174.5-180 AX- 20%	Dark limestone; considerable PbS
180-181 AX- 90%	Dark limestone; fine crystals FeS and PbS
181-186 AX-85%	Gray limestone; PbS 181-184, calcite scaled fractures and joints 184-186
186-189 AX- 60%	Gray limestone; sulfides 186-188
189-195 AX- 30%	Gray limestone, PbS and FeS at 190
195-200 AX- 90%	Gray limestone
200-205 AX- 90%	" "
205-210	" " Calcite and sulfides 299-300-
210-216 AX- 90%	Gray limestone; 210-212 broken with PbS and FeS
216-221 AX- 90%	Gray limestone

221-226 AX- 70%	Jointed gray limestone; little PbS 225-226
226-231 AX-45%	Gray limestone 226-229 broken PbS and ZnS
231-236 AX- 85%	Gray limestone 236-237 broken
236-241 AX- 75%	Gray jointed limestone
241-246 AX-80%	" " "
246-251	" " " 250-251 leached vein with PbS and ZnS

-- Bottom of Hole --

SNOOSE MINING COMPANY

Diamond Drill Hole No. 4

Run size and Recovery	
0-4 NX-50%	Dark gray limestone
4-10 NX-80%	" " "
10-14 BX-80%	" " "
14-19 BX-50%	Broken dark gray limestone
19-21.5 BX-80%	" " " "
21.5-24 BX-80%	Jointed limestone
24-29.5 BX-90%	" "
29.5-34.5 BX-60%	Dark jointed limestone
34.5-38 BX-95%	Jointed limestone
38-43 BX-90%	Gray limestone
43-47 BX-45%	Broken limestone
47-50 BX-90%	Gray limestone
50-54 BX-90%	" "
54-59 BX-95%	Jointed gray limestone
59-62 BX-80%	Jointed gray limestone Sulfides at 61

62-67 BX-90%	Gray limestone Broken 62-63
67-70 BX-50%	Broken gray limestone
70-72 AX-80%	Gray limestone
72-77 AX-80%	Gray limestone
77-79.5 AX-95%	" "
79.5-84.5 AX-80%	" "
84.5-89.5 AX-75%	Jointed gray limestone
89.5-92.5 AX-85%	" " "
92.5-99.5 AX-60%	" " "
99.5-102 AX-90%	" " "
102-107 AX-60%	" " "
107-113 AX-40%	" " "
113-118 AX-95%	" " "
118-124 AX-85%	Jointed gray limestone; broken at 123 ft, leaching and specks of pyrite
124-128 AX-55%	Dark broken limestone and few sulfide specks.
128-132 AX-55%	As above

132-136 AX-40%	Light gray jointed limestone
136-140 AX-60%	Dark limestone; sulfide specks at 140
140-146 AX-75%	Broken leached limestone
146-149 AX-50%	Light gray limestone jointed
149-154 AX-60%	Light gray limestone
154-159 AX-90%	Gray jointed limestone

Bottom of hole

LARGE FORMAT DOCUMENTS AT END OF FILE

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

June 19, 1953

Mr. Harry S. Pollar
Snoose Mining Company
423 1st National Bank Building
Boise, Idaho

Re: Docket No. DMEA-211 (Zinc)
Snoose Mine
Blaine County, Idaho
Contract Idm-E120

Dear Mr. Pollar:

This letter will confirm our telephone conversation of June 18, 1953, in which we discussed the diamond drilling program currently being done on the 200 level of the Snoose mine and ways in which we might further test the ore exposed in the No. 3 diamond drill hole.

After some discussion of your proposed work, as presented in the map you sent to us under cover of a letter dated June 15, we have decided that your proposed crosscut from the 201 NW drift would not be too advantageous to exploration. Based on your map, this crosscut would have to be 105 feet long to intersect the high-grade ore encountered in the No. 3 drill hole. From our present knowledge of the Snoose mine, this crosscut would be entirely in barren ground until it intersected the ore. On the other hand, a drift driven to the northwest from the face of the 207 NW crosscut would intersect the ore at the drill core location with 120 feet of drift. If the ore in the drill core intersection is striking at all parallel to other structures in the Snoose area, such a drift from the 207 crosscut could intersect the ore before reaching the site cut by the drill core. This drift could also trend roughly parallel to the footwall of the ore zone and thus be in an excellent position to be used as a haulage level as raises driven above the drift could intersect the ore a short distance and thus serve as ore passes. We might add that in driving this drift you could put up occasional long holes at steep angles to the northeast and thus probe for the ore. When this drift had reached the spot intersected by the drill hole it could be turned to the northeast to crosscut the medium grade complex ore as you have suggested in your proposed crosscut.

The Field Team recommends that you drive the exploratory drift from the face of the 207 NW crosscut. They also will recommend Government participation in any advance made beyond the present face of the 207 crosscut. If, after reaching the high grade ore zone intersected by the drill core, there is found a structure strong enough to warrant drifting on, they will recommend drifting on that structure in addition to crosscutting to the northeast to test the larger complex ore intersection. We believe there are sufficient funds left in the contract to adequately explore the ore intersected by drilling and hope that you are successful in this proposed project.

By DMEA Field Team, Region II

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

Thomas E. Howard, Acting Member
(U. S. Bureau of Mines)

cc: USBM (2)
DMEA (2)
Kiilsgaard

FILE COPY
SURNAME:

500

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

BJ

June 16, 1953

Memorandum

To: Chief Counsel

N. S. in R. & R.

From: Chief, Base Metals Division

Subject: Snoose Mining Co., Docket No. DMA-211 (Zinc), Contract No. I6m-E120, Approval of Subcontract.

This will refer to your memorandum dated June 8, concerning the above Approval of Subcontract. At that time you stated that your office could not approve the subcontract until Amendment 8 covering the drilling had been placed in the file.

Executed copies of Amendment No. 8 have now been received in the Washington Office, and have been approved by the Base Metals Division. Therefore, I am returning herewith the Approval of Subcontract and the Division Docket with a copy of Amendment No. 8 filed in it.

W. R. Griswold

W. R. Griswold

Attachments 2

WRGriswold/bjl

Copy to: Docket
Admr. R. File
Op. Committee
Base Metals Div.
Chron.

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

1201 North Division Street
Spokane 2, Washington

June 11, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: V. Z. Johnson, Mining Engineer, Bureau of Mines

Subject: Inspection, Snoose Mining Co., Blaine County, Idaho, Contract Idm-E120, Docket No. DMEA 211 (zinc)

The inspection was made May 28, 1953 with Mr. Harry Pollar, the Operator's engineer.

Two drill stations and about 200 feet of diamond drilling had been completed since the inspection of the previous month. From a drill station about 150 feet down the winze and about 55 feet below the 201 N. W. drift, diamond drill hole No. 1, bearing N. 24° E., plus 58° inclination, had a total depth of 159 feet. Diamond drill hole No. 2 was collared at about the same location and had been drilled about 41 feet, N. 27° E. at plus 5°, the probable length will be about 160 feet.

Total units completed and accepted to date are as follows:

Drifting	904.5 feet
Crosscutting	230 feet
Raising	135 feet
Diamond drilling	200 feet

Drift and crosscut totals are greater than the above because of a few rounds at the Operator's own expense.

Diamond drill hole No. 1 penetrated argillite with a few limestone phases for the first 135-140 feet as is shown in detail on the attached log. There were no zones of ore but several fault zones with sulfides. A 15 foot zone of argillaceous limestone starting at about 55 feet in this hole has many pyrite specks and the core recovery was only about 5 percent. It is believed the Reed Structure was intersected at about 140 feet. Beyond 140 feet the limestone is dark and dense for the 19 feet drilled.

Core recovery overall is about 40% for the first hole but the sludge was also saved to supplement an adequate study of the structure. Diamond drilling costs alone, $4.90 per foot, are reasonable but servicing and timbering of stations will probably make the total costs per foot about $9.00. Results are satisfactory and less expensive than excavation.

The Operator requested participation in about 150 - 200 feet of downward inclined -40° - 45° drilling northwest from the winze bottom into the footwall to determine the location and nature of the footwall as well as the probable downward rake of the oreshoot on which the winze was started. It is recommended that this request be granted.

V. Z. Johnson

V. Z. Johnson

Orig. & 3 - Wash.
USGS - 2
DMEA
M/D
VZJ/vf

Snoose D.D.H. #1
N. 24° E. + 58°

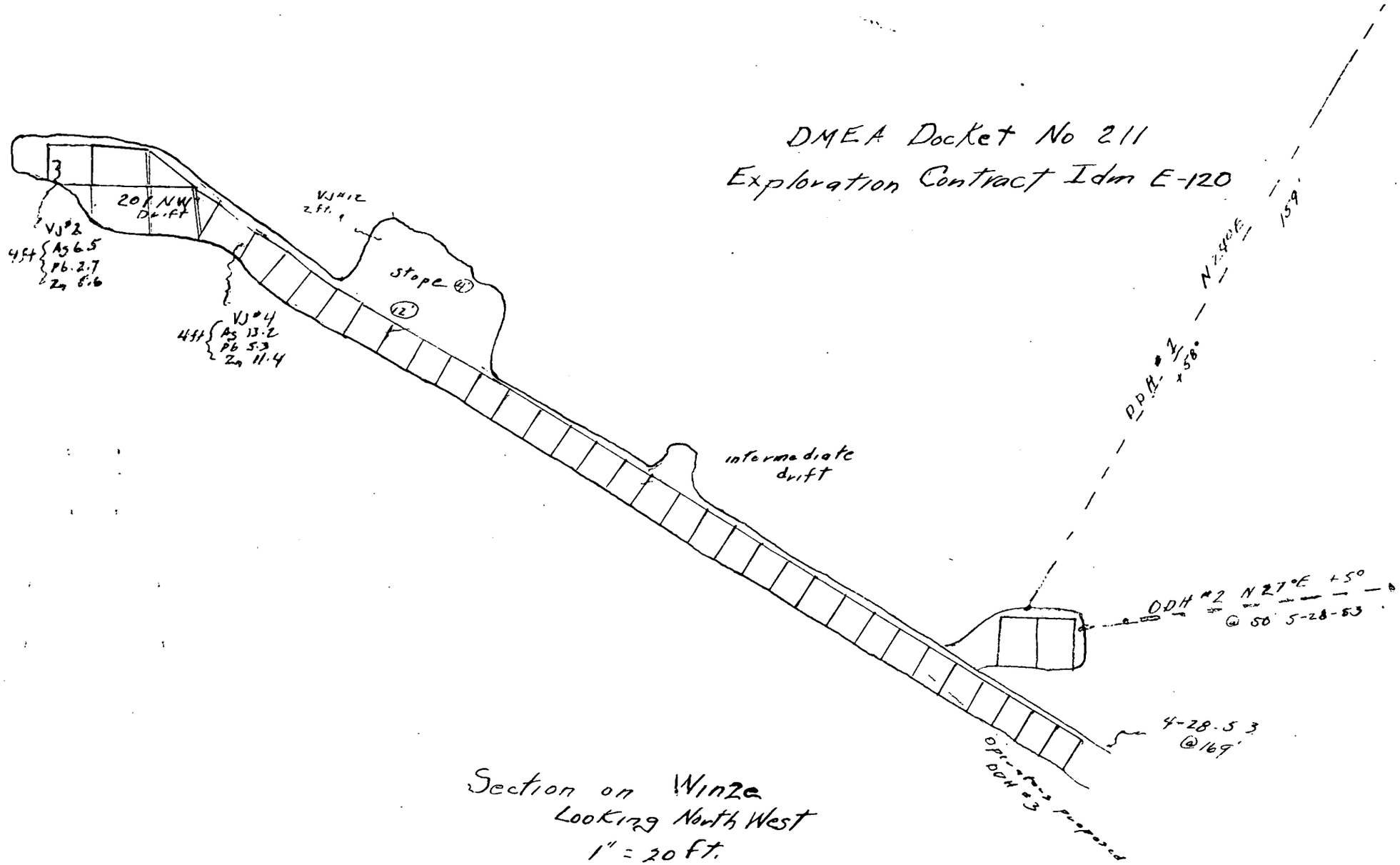
From 150 feet down winze:

NX	
0 - 5' 80% R.	Broken argillite - 0 - 2' faulted slickensides; 2 - 5.0' firm argillite - fractures calcite and sulfides filled
BX	
5 - 8' 40% R.	Broken argillite - Calcite and sulfides in fractures
8 - 9' 50% R.	Broken argillite - Calcite and sulfides in fractures
9 - 14' 60% R.	Broken argillite - Very few sulfides
14 - 19' 60% R.	Broken limey argillite
19' - 24' 50% R.	Broken limey argillite - Some sulfides
24 - 29' 50% R.	Argillite with calcite in fractures
29 - 34' 70% R.	29 - 31' - Broken argillite 31 - 34' - Firm dark limestone
34 - 39' 85% R.	34 - 36' - Firm dark limestone 36 - 37' - Fault zone with sulfides 37 - 39' - Limey argillite
AX	
39 - 44' 75% R.	Broken limey argillite 41 - 42' - Fault zone 42 - 44' - Limey argillite broken 43 - 44' - Specks of pyrite
44 - 49' 20% R.	Limey argillite broken
49 - 54' 50% R.	Broken argillaceous limestone - pyrite specks
54 - 59' 5% R.	Broken argillaceous limestone - pyrite specks

59 - 64' 5% R.	Broken argillaceous limestone - Pyrite specks
64 - 69' 5% R.	Broken argillite
69 - 74' 20% R.	Broken argillite
74 - 79' 20% R.	Broken argillite
79 - 84' 40% R.	Broken argillite 79 - 80' - slickensides 80 - 82' - Calcite and sulfides Balance broken argillite
84 - 89' 40% R.	Dark limey argillite
89 - 94' 15% R.	Argillite with calcite filling many fractures
94 - 99' 10% R.	Argillite with calcite filling many fractures
99 - 104' 20% R.	Broken argillaceous limestone
104 - 109' 10% R.	104 - 106' - Gouge and sulfides Balance soft broken argillite
109 - 112' 60% R.	Broken limey argillite 109 - 110' - slickensides 110 - 112' - sulfides in specks
112 - 119' 20% R.	Broken limey argillite
119 - 124' 40% R.	Broken limey argillite 123 - 124' - Quartz and calcite
124 - 125' 18% R.	Broken limestone - Quartz calcite gouge - Lots of sludge
EX 125 - 129' 15% R.	Dark argillaceous limestone - Specks of pyrite
129 - 134' 40% R.	Broken argillite

134 - 140' 10% R.	Broken argillite - Specks of pyrite - ZnS in sludge
140 - 145' 50% R.	Dark limestone
145 - 150' 40% R.	Dark limestone
150 - 155' 60% R.	Dark jointed limestone with calcite healed fractures
155 - 159' 40% R.	Gray jointed limestone

DMEA Docket No 211
Exploration Contract Idm E-120



Section on Winze
Looking North West
1" = 20 ft.

DOCKET COPY

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

June 10, 1953

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

Re: Docket No. DMEA-211 (Zinc)
Snoose Mining Company
Blaine County, Idaho
Contract Idm-E120

Dear Mr. Selfridge:

Attached are the original and two signed copies of Amendment No. 8 to the subject contract, with attached justification.

Distribution of this amendment has been made in the usual manner.

Sincerely yours,

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

Attachment

cc: USBM (2)
Kiilsgaard

cc 6/15

RECEIVED
JUN 22 1953
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

FILE COPY
SURNAME:

140

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

KANE
Rushen

June 8, 1953

Memorandum

To: Chief, Base Metals Division

From: Chief Counsel

Subject: Snoose Mining Co., Docket No. DMA-211 (Zinc)
Contract No. Idm-E120, Approval of Subcontract

There appears to be an Amendment No. 8 covering drilling. However, it is not in the file and the subcontract cannot be approved by this office until this amendment is placed in the file.

/S/ AEKane
for J. L. Hofflund
Chief Counsel

Enclosure

AEKane/emd
Copy to : Mails & Files
Hazel Berry
J. L. Hofflund
A. E. Kane
chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION

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

May 28, 1953

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

Re: Docket No. DMA-211 (Zinc)
Snoose Mine
Blaine Co., Idaho
Contract No. Idm-a120

Dear Mr. Selfridge:

Enclosed are the Government, Docket, and Division copies of Approval of Subcontract between the Snoose Mining Company and Nichols and Thompson Core Drilling Company of Boise, Idaho, under the date of May 9, 1953.

The other copies of the approval are being distributed in the usual manner.

Sincerely yours,

Thor H. Hillsgaard
for A. J. Weissenborn
Executive Officer, DMA
Field Team, Region II

Enclosures
cc: [illegible] (2)
[illegible] (2)
Finance Officer (1)
Hillsgaard

NICHOLS & THOMPSON CORE DRILLING CO., INC.
BOISE, IDAHO

May 9, 1953

Snoose Mining Company
Hailey, Idaho

Gentlemen:

We are pleased to submit the following prices for diamond drilling of your property near Hailey, Idaho.

1. Diamond core drilling as follows per foot:

	A X	B X
0 - 200 feet	$ 4.75	$ 5.35
200 - 500 feet	5.35	

2. Should reaming or cementing be necessary, the rate per foot would be $2.50.

3. You will be charged one half of our cost, but not to exceed 75¢ per foot, for any casing not recovered.

4. It is anticipated that station will be large enough for a 10 foot rod pull.

5. Your company is to furnish air, water and necessary hoistman or other personnel. We will furnish driller and drill helper and all drilling equipment except core boxes, which will be furnished by you.

6. We will work a minimum of six, 8 hour shifts per week from date of starting and it is agreed that you will provide facilities for two shifts per day if conditions warrant.

7. It is agreed that the minimum footage to be drilled is (1000 feet) one thousand feet, but we agreed to do any additional drilling continuously with the above mentioned footage under these same terms.

8. There will be a move in and move out charge of $150.00.

9. We will expect payment for work performed by the 10th of each month for work done the previous month.

If you find the above terms satisfactory, a signed copy of this letter will be sufficient in lieu of a formal contract.

Very truly yours,

NICHOLS & THOMPSON CORE DRILLING CO., INC.

By [signature]

Accepted 5-9-53

SNOOSE MINING CO.

By [signature]

UNITED STATES
DEPARTMENT OF THE INTERIOR

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

May 28, 1953

Mr. L. W. Moore
Snoose Mining Company
c/o Scherer, Moore & Rife
423 First Nat'l. Bank Bldg.
Boise, Idaho

Re: Docket No. DMEA 211 (Zinc)
Snoose Mine
Blaine Co., Idaho
Contract No. Idm-K120

Dear Mr. Moore:

Enclosed is a copy of an Approval of Subcontract signed by Mr. Thor H. Kiilsgaard acting for A. E. Weissenborn, Executive Officer, DMEA Field Team, Region II.

This subcontract is for diamond drilling to be done by Nichols and Thompson Core Drilling Co., Inc., of Boise, Idaho, on the Snoose property.

Very truly yours,

Thor H. Kiilsgaard
for A. E. Weissenborn, Exec. Officer
DMEA Field Team, Region II

Enclosure
cc: DMEA(2)
[illegible](2)
Kiilsgaard

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

May 28, 1953

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

Re: Docket No. DMEA-211 (Zinc)
Snoose Mine
Blaine Co., Idaho
Contract No. Idm-E120

Dear Mr. Selfridge:

Enclosed are the Government, Docket, and Division copies of Approval of Subcontract between the Snoose Mining Company and Nichols and Thompson Core Drilling Company of Boise, Idaho, under the date of May 9, 1953.

The other copies of the approval are being distributed in the usual manner.

Sincerely yours,

Thor H. Kiilsgaard
for A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosures

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

1201 North Division Street
Spokane 2, Washington

May 20, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: V. Z. Johnson, Mining Engineer, Bureau of Mines

Subject: Inspection, Snoose Mining Co., Blaine County, Idaho, Contract Idm-E120, Docket No. DMEA 211 (zinc)

The inspection was made April 28, 1953 with Mr. Harry Pollar, the Operator's engineer.

There had been no activity on the project since January of 1953 and there had been no shipments from the zone near the DMEA 201 NW drift for about two months. Mr. M. E. Volin's inspection of March 31 had resulted in a diamond drilling program which was being studied by the Operators and it was considered feasible to map Operator's winze advance in case it was incorporated in a continuation of the project.

The Operator's winze of 8 x 7-foot cross section had advanced 41 feet to total 169 feet since Mr. Volin's March 31 inspection. The argillite was less broken at the face and the bottom could be dewatered by the air pump in about 1-1/2 hours after it had been idle for six or seven hours. There is very little mineralization in the last 50 feet of the winze.

Total units presented for payment by forms 104's are by the last invoice, December 1952, as follows:

Drifting	904.5 feet
Crosscutting	230 feet
Raising	135 feet

Actual excavation exceeds the above totals by a few rounds which the Operator conducted at his own expense after participation had been terminated by DMEA personnel in unfavorable headings.

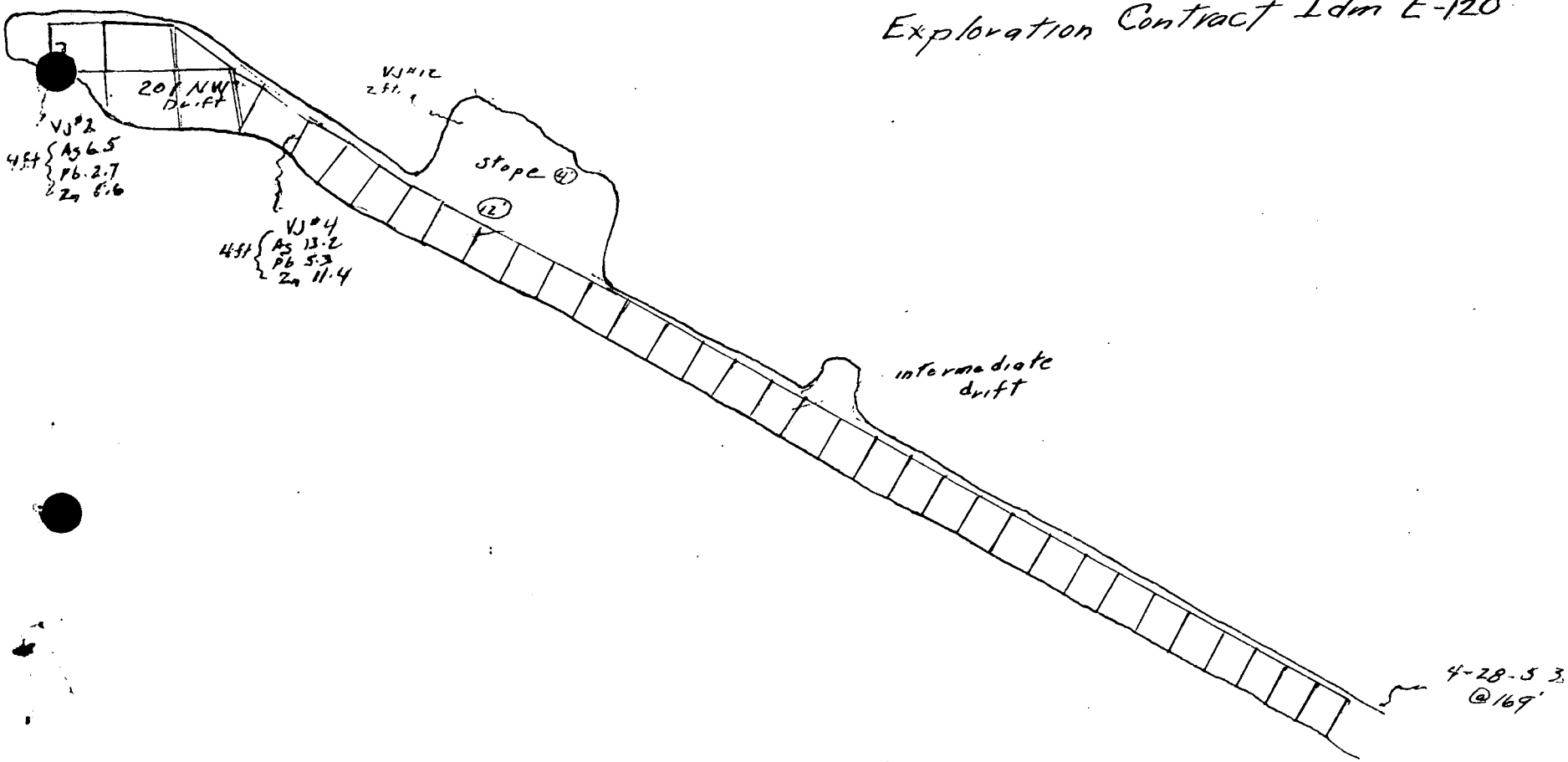
The winze operation is efficient and project installations indicate excellent workmanship.

V. Z. Johnson

V. Z. Johnson

Orig. & 3 - Wash.
USGS - 2
DMEA M/D VZJ/vf

DMEA Docket No 211
Exploration Contract Idm E-120



Section on Winze
Looking North West
1" = 20 ft.

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

Spokane, Washington
May 7, 1953

Mr. L. W. Moore
Snoose Mining Company
423 First National Bank Bldg.
Boise, Idaho

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 11 1953

Subject: Docket No. DMEA 211 (zinc)
Contract Idm-8120

Dear Mr. Moore:

Enclosed are 7 copies of Amendment No. 2 to the subject contract, prepared to provide for diamond drilling to further test the Snoose structures on and below the 200 level. You will note that the Government will contribute to this work on the basis of actual costs as has been the case with previous work done under the contract and that it will be necessary to submit to this office for approval a copy of your drilling subcontract. This already has been done informally but should be substantiated by submission of bid and approval.

If the amendment meets with your approval please have all copies signed by an authorized official of your company, retain the copy marked "Operator's Copy" for your files, and return the remaining copies to this office.

You will note that the locations, directions and lengths of the holes are not specified in the amendment but are to be mutually agreeable to the Operator and the Government. This is done to give as much elasticity as possible to the drilling program.

Mr. Kiilsgaard has worked out a tentative drilling program which we believe will thoroughly test that portion of the structure that can be reached from the 200 level and the winze. It is given below for your consideration.

Hole No.	Location	Bearing	Inclination	Length
#1	Bottom of winze	N. 30 E.	∠ 60°	100-150'
#2	" " "	N. 30 E.	∠ 5°	160-250'
#3	Base of 201 raise	N. 30 E.	∠ 10°	150-250'
#4	202 Drift SE 65' SE of Sta. 220	N. 50 E.	∠ 10°	180-250'
#5	207 Drift (face)	N. 70 W.	- 30°	170-220'
#6	207 Drift (face)	Due N.	∠ 5°	160'

Holes Nos. 1 and 2 should be drilled first and the remaining holes can be modified, depending on results obtained as the drilling progresses. For example, if ore is indicated by the first two holes it probably will be desirable to do additional drilling from the bottom of the winze.

You will note that the first scheduled hole is inclined upward at 60°. The purpose of this is to reach the Reed structure with the shortest length of hole to establish that it is present. If the drill station you have prepared at the bottom of the winze will not accommodate a hole of this inclination, then modify the inclination downward to drill the hole as steep as possible.

Please let us have your views on this suggested program.

By Field Team, Region II

M. E. Velin, Acting Exec. Officer
U. S. Bureau of Mines
1201 N. Division St.

Harold Kirkemo
For: A. E. Weissenborn
U. S. Geological Survey
157 South Howard Street

Enclosure

cc: Mr. Harry Pollar, Hailey, Idaho
DMEA, Wash. (2)
USGS (2)

MINE OFFICE
P. O. BOX 67
HAILEY, IDAHO
TELEPHONE 140

Snoose Mining Company

COMPTROLLERS OFFICE
423 FIRST NAT'L BANK BLDG.
BOISE, IDAHO
TELEPHONE 6911

Subject: D. M. A. proposed diamond drill project on the Snoose Mining Co. property.

Date: May 1, 1953

To: Defense Minerals Administration
So. 157 Howard St., Spokane 8, Wash.
Attention: Mr. Volin

From: Snoose Mining Co., Hailey, Idaho
by: Harry S. Poller

Gentlemen:

This letter will advise you that the director and staff members of the Snoose Mining Co. have reached an agreement to participate in the diamond drill project as outlined in your recent letter.

In regard to your request for an estimate of cost pertaining to the cutting of diamond drill stations and mine maintenance during the time this program is in effect, we are submitting the following:

Diamond Drill Stations

Labor:	25 manshifts @ $ 13.87/shift	$346.75
Timber:	1000 board ft.@ 70.00/1000	70.00
Power:	1 week @ 285.00/month	71.25
Powder:	200# @ 22.10/100	44.20
Rental:	compressor, hoist, pumps	90.00
Miscellaneous:	fuse, caps, bits, bookkeeping etc.	100.00
		$722.20
	Plus 10% contingency	72.22
	Total	$794.42

Mine Maintenance (per-shift)

Labor:	1 Top hoist & compressor man	$ 13.87
	1 underground hoist & pump man	13.87
Power:	@ $285.00/month	10.96
Supervision:	1 engineer @ 450.00/month	17.30
Rental:	compressor, hoist, pumps	15.00
Miscellaneous:	maintenance supplies, bookkeeping, etc.	10.00
Assaying:		3.50
		$ 84.50
	Plus 10% contingency	8.45
		$ 92.95

Proposed Footage

Estimated at 1200 feet

MINE OFFICE

P. O. BOX 67
HAILEY, IDAHO
TELEPHONE 140

Snoose Mining Company

COMPTROLLERS OFFICE

423 FIRST NAT'L BANK BLDG.
BOISE, IDAHO
TELEPHONE 6911

Estimated Footage (per-day)

Due to broken and faulted strata which would result in much reaming and casing of holes we believe only 30 feet advance can be expected per day.

Cost Per-foot

Diamond drill stations	$794.42/1200	=	$ 0.662/ft.
Mine Maintenance:	92.95/30	=	3.098/ft.
Total drill station & mine maintenance cost			$ 3.76 /ft.

When bids are received from diamond drill contractors this information will be forwarded to your office along with our choice. With this information possibly the entire project could be put on a unit-cost basis.

We hope the results of this diamond drill project will be favorable and that the Snoose will continue to be an operating mine. Also at this time, we wish to thank you for the cooperation and interest given to our project.

Sincerely,

SNOOSE MINING CO.

Harry S. Poller

Harry S. Poller
Supt.

HSP/lmd

MINE OFFICE

P. O. BOX 67
HAILEY, IDAHO
TELEPHONE 12p

Snoose Mining Company

COMPTROLLERS OFFICE

423 FIRST NAT'L BANK BLDG.
BOISE, IDAHO
TELEPHONE 6911

May 1, 1958

Mr. A. E. Weissenborn, Exec. Officer
U. S. Geological Survey
157 South Howard Street
Spokane, Washington

Subject: Contract No. Idm-XI2U
Docket No. BMEA 211 (zinc)

Dear Sir:

In confirmation of a telephone conversation with Mr. Volin yesterday I wish to state that we have decided to go along with the suggestion of diamond drilling as outlined in your letter of April 24th, above subject. I am taking Mr. Nichols and Mr. Thompson, our local diamond drilling men, to Hailey tomorrow for them to inspect the ground prior to giving us prices. If we find the prices to be reasonable we shall immediately execute a firm bid for a minimum of 1,000 feet of drilling and any additional drilling we find to be necessary.

Mr. Harry Poller is preparing a schedule of costs for the drilling project that will have to be borne by the Snoose Mining Company in addition to the diamond drilling contract.

This information together with a copy of any contract that we enter into with the drillers will be forwarded to your office at the earliest date possible.

Very truly yours,

SNOOSE MINING COMPANY

LWM:bft

cc: M. E. Volin

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

MAY 4 1953

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

Date: April 29, 1953

Keating
Goodwold
Betty

Memorandum

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

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -

Docket DMEA 2482

Contract Idm-E 409

Commodity Zinc-Lead

Operator - Raymond-Combined Mines Co., 218 Felt Bldg.
Salt Lake City 1, Utah

Property - Raymond-Combined Mine, Caselton Plant,
Pioche, Lincoln County, Nevada

By Glenn G. Gentry, Mining Engineer

Dated April 9, 1953

H C Miller

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

Attachment

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

E. H. Bailey, USGS (With one copy of report)

George Mavor

INTERIM REPORT

Docket No.: DMEA-2482 (zinc-lead) April 9, 1953

Name and address of operator: Raymond-Combined Mines Co.
218 Felt Bldg.
Salt Lake City 1, Utah

Name and location of property: Raymond-Combined Mine
Caselton Plant
Pioche, Lincoln County, Nev.

Contract No.: Idm-E409

SUMMARY

Under date of March 13, 1953, Amendment No. 1 has been granted to allow the starting time to begin on April 29, 1953 and to be completed on May 29, 1954.

The property was visited on March 27 and April 1, 1953 and conferences held with Mr. S. S. Arentz and Mr. Paul Gemmill, in order to ascertain the future plans of the mining company. On Feb. 9, 1953, the mining company discontinued all preliminary work necessary to be finished before actual operations on the project could be started. Therefore, at the time of the visit by the examining engineer, there had been no change in the status of the preliminary work required.

On April 1, 1953, Mr. Arentz informed the examining engineer that he considered the mining company would be authorized by their Salt Lake City office to begin further rehabilitation work on or about April 10 and would endeavor to start actual project operations on the contract date of April 29.

The preliminary work to be done, at the expense of the mining company, is reported to be:

1. Enlarge the station at the top of the 1200 level raise.

2. Drive tail drift at the top of the raise for a length of about 40 feet to facilitate handling muck cars.

3. Clean out a moderate amount of caved material in drifts leading to the location of the start of the project.

4. Assemble all necessary operating equipment and transfer and install same in the proper locations.

From the amount of preliminary work to be completed before the project can be started, it appears doubtful that the contract will be started on the date specified.

Financial:

Total amount of contract	$108,466.00
Government participation @ 50% @ $54,233.00	
Funds expended	-
Funds unexpended	$108,466.00

Contract period:

Date signed: Oct. 29, 1952
Amendment No. 1: Starting date, April 29, 1952
Expiration date, May 29, 1954

Progress on contract, to date: None

Glenn G. Gentry
Mining Engineer

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

1201 N. Division St.
Spokane 2, Washington
April 24, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 5 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: M. E. Volin, Member, Field Team, Bureau of Mines, Region II

Subject: Routine inspection, Snoose Mining Co., Blaine County, Idaho, Contract Idm-E120, Docket No. DMEA 211 (zinc)

The Snoose mine was inspected on the afternoon of March 31 with Mr. Harry Pollar, engineer for the Operator.

There has been no activity on the DMEA project since January of this year. The Operator has continued sinking the winze from the 200 level at his own expense. At the time of inspection this winze was at a depth of 128 feet, following the footwall structure 85 feet on inclination -30° and 43 feet on inclination -33°. The bearing is N. 6° E. The bottom was in argillite without indication of ore mineralization.

Sinking operations were in progress at the time of examination, and the bottom of the winze was full of blasted rock. Enough water was coming in to require frequent but not continual pumping with a small "whirly". The winze is about 7x8 feet in cross-section with sets on 5-foot centers. Workmanship is good and costs have been low. Mr. Pollar has done a very commendable job of directing this operation.

The Operator has requested that the winze be included under the DMEA contract. It was started on a sphalerite showing which is the best that has been found under contract and subsequent company wholly financed operations. This showing and ore developments in and from the winze have been fully described by Kiilsgaard, USGS, in his examination report to the Field Team dated April 3. Three samples taken by Johnson, USBM, at and near the winze collar and their assays are noted on attached sketch map. The ore seems to follow a strand branching from the footwall structure into the hanging wall and leaves the winze about 40 feet down from the collar. A doghole stope follows the ore into the hanging wall but the width narrows to about half a foot in a distance of about 60 feet from the winze collar. The ore

shoot is about 15 feet in strike length and appears to follow a tension fracture joining the foot and hanging wall structures but not extending further into the hanging wall. Mr. Pollar reported that about 220 tons of zinc ore had been mined and shipped from the stope but settlement records were not available.

In arriving at a fair judgment as to whether to allow the winzing under the current contract, it is necessary to review the original objectives of the DMEA project. The general intent was to explore two parallel veins containing ore mineralization in shallow workings, and particularly to direct the work towards targets where these veins were projected to cut a limestone member considered to be a favorable ore host rock. After the Snoose shaft was rehabilitated to the 200 level, the crosscut was extended 230 feet northeast on this level, crossing both the "A" and "B", or Reed, structures, and then the heavily sheared "A" structure was followed 250 feet to the southeast and about 625 feet to the northwest with only occasional fragments and brecciated thin seams of sphalerite having the appearance of drag ore. The 201 raise followed one footwall seam upward but did not demonstrate any continuity; this raise 135 feet to the 100 level also had a ventilation purpose. A short doghole raise across the bedding at this point on the 200 level did not find mineralization on the hanging wall of structure "A".

Practically all of the drifting on the 200 level has been in argillite. The original objective of exploring for ore in the limestone thus has not been tested to any extent. Whereas the Operator favored sinking the 201 winze on the favorable ore showing on the 200 level, the representatives of the Field Team at that time were not in agreement that this would be the best thing to do. Mr. Kiilsgaard suggested drifting to the northwest on the Reed structure which is in limestone, and drilling to cut the "A" structure below the 200 level.

Officials of the Snoose Mining Co. were unable to come to an agreement on Kiilsgaard's plan and instructed Mr. Pollar to proceed with the winze. Now the winze is down far enough that the proposed diamond drilling probably would not give very much additional information.

In fairness to the Operator it must be admitted that there were uncertainties in connection with the proposed diamond drilling. The "A" structure is so highly sheared that core samples could not be recovered from it. Sludge samples always leave an uncertainty as to interpretation. For the small amount of drilling involved a contractor would have been attracted to perform the job only at a relatively high cost. It is guessed that the BX drilling which should have been specified for this job would cost as much as $10 or $11 per foot.

The original objective of testing one or both of the structures in limestone still remains to be accomplished. Mr. Pollar thinks that the 200 NE crosscut intersection of the Reed structure is not particularly encouraging and that, in fact, this structure may be a branching fracture without much continuity to the northwest. This might be determined by a short hole drilled from the end of the crosscut about 125 feet due west to probe for this structure at that location.

As a further program about the only thing that can be recommended is one or two diamond drill holes drilled from the bottom of the winze to the north and northeast to cut the Reed structure at depth. These holes would be about 300 feet long to reach the objective but might have to be drilled as much as 500 feet to get into the hanging wall of the structure. The holes will probe the structure on the rake projection of the ore found in higher workings on the Reed structure.

It is recommended that this proposal for a total of 1150 feet of AX diamond drilling, including the short hole from the end of the 200 NE crosscut, at an estimated cost of $6.50 per foot or a total of about $7,500 be submitted to the Operator as an additional stage of the contract in which the Government will participate, with the understanding that any encouraging ore mineralization found in the Reed structure will be the basis for a recommendation of additional Government participation in drifting on that structure or crosscutting from the bottom of the winze.

If the Operator refuses this plan it is recommended that the project be terminated without Government participation in the cost of the 201 winze because there is little probability for a significant ore discovery.

M. E. Volin

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
VZJ

LARGE FORMAT DOCUMENTS AT END OF FILE

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

Spokane, Washington
April 24, 1953

Mr. L. W. Moore
Snoose Mining Company
423 First National Bank Building
Boise, Idaho

Subject: Contract No. Idm-8120
Docket No. DMEA 211 (zinc)

Dear Sir:

The Field Team has had several discussions concerning your request to include your winze from the 200 level in DMEA contract Idm-8120.

Inspections by representatives of the Field Team have noted that your Mr. Pollar has done a very commendable job in driving the winze and keeping costs at a minimum. You are reminded, however, that the original objective of this project was to test the "A" and "B" structures where they intersected a limestone member considered to be a favorable ore host rock. The winze, while started on a small ore showing, failed to find a significant shoot and for most of its length has been in barren argillites.

The objective of cutting one or both of the structures in limestone still remains untested. Inasmuch as the winze at its present depth gives negative information which eliminates the need for the diamond drilling program suggested by Kiilsgaard prior to starting this working, the only plan which the Field Team can suggest for further participation by the Government is to drill two holes from the bottom of the winze, one about due north and the other northwest, to cut the Reed structure at depth. These holes should cut the structure at about 250 to 300 feet from the cellars, but might have to be drilled to 500 feet to get far enough into the hanging wall to give the full information desirable. If you are concerned about Mr. Pollar's interpretation that the intersection of the Reed structure in the 200 NE crosscut is only a branching fracture which will not persist, a hole 100 to 150 feet long might be drilled prior to the other two holes from the end of the crosscut due west to probe the continuity of this structure.

If the diamond drilling plan described above should find encouraging indications of mineralization, the Field Team would recommend additional Government participation in drifting on the

Reed structure at the 200 level or crosscutting from the bottom of the mines to that structure.

Your reaction to this proposal is requested at an early date so that a decision as to continuation of this contract can be made. If you find that your company cannot go along with this proposal, the Field Team can see no other alternative but to recommend termination of the contract as of the end of Stage III.

By Field Team, Region II

A. E. Weissenborn, Exec. Officer
U. S. Geological Survey
157 South Howard Street

R. R. Volin, Member
U. S. Bureau of Mines
1201 N. Division St.

cc: DMEA, Wash. (2)
USGS (2)

FILE COPY
SURNAME:

500

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

April 21, 1953

N. S. in R. J. R. BW

Memorandum

To: Chief, Contract and Audit Division

From: Chief, Base Metals Division

Subject: Docket No. DMEA 211, Snoose Mine, Contract Idm-E120

Referring to your memorandum regarding Amendment No. 7 to the subject contract, to Administrator, dated March 12, 1953, we attach an explanatory letter from the Field.

Is it your feeling that this letter sufficiently clarifies the matter so that the existing Amendment can be allowed to stand, as presently in effect, or should we request Mr. Weissenborn to replace it with another, in more detail.

W. R. Griswold

W. R. Griswold

Attachment

WRGriswold/hmj
(4/21/53)
CC to: Docket
Adm. R. File
Op. Committee
Base Metals
Mr. Kinkel
Mr. Bishop
Chron.

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE Apr 23

REFERRED TO:
1. Mr Griswold
2. Room 2616
3.
4.

FOR:

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

REMARKS: Weisenborn's letter clears the Amoco case as far as audit is concerned.

Check (X) before the items needing attention.

JH
Initials of sender.

GPO 16—63815-1

MF-506

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 4-20-53

REFERRED TO:

1. ~~W. Berry Smith~~
2. Mr. Griswold, Rm. 2616
3.
4.

FOR:

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

REMARKS: Betty: Your Division cleared this amendment on 2/27/53 and then ltr. went to Field re further justification for amendment. Let me know if your Div. still clears amendment. Hazel

Check (X) before the items needing attention.

NOTED

REPLIES (HH)
Initials of sender.

GPO 16—63815-1

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

April 14, 1953

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 20 1953

Re: Docket No. DMEA-211 (Zinc)
Snoose Mine
Blaine County, Idaho
Contract Idm-E120

Dear Mr. Selfridge:

Reference is made to your letter of March 23, 1953, and to the various questions raised concerning Amendment No. 7 of the subject contract.

We regret that this amendment has caused confusion to various staff members of DMEA. We had thought the amendment itself and attached justification covered the problem adequately. Most of the questions raised in your letter have already been answered, we believe, in the field engineer's routine inspection reports and in the Operator's monthly reports. We particularly refer you to the Operator's monthly report for October 1952 which states that rehabilitation began immediately after the fire and that exploration was resumed with little loss of time. We also call your attention to V. Z. Johnson's inspection report dated December 16, 1952, which lists all equipment destroyed or damaged by the fire. We note, however, that we did not state that the property was not covered by insurance.

The following are specific answers to the questions asked in your letter of March 23, 1953.

1. The company states that the Snoose property was not covered by fire insurance and that no insurance was collected for fire damage.

2. The fire is believed to have originated in the compressor house and to have been caused either from slippage of a V-belt or from defective wiring. The fire broke out in that interval after the day shift had left and before the night shift had arrived, thus no one was present when the fire started. The fire was discovered by Mr. Harry Pollar, mine engineer, who went to the mine before the night shift, presumably to check the pump. Pollar immediately started combating the blaze and was assisted

by other crew members as they arrived. They could not save some of the surface buildings but did save the Gallows-frame and hoist house. Inasmuch as no one was present when the fire started, and as the fire completely destroyed the building in which the fire started, cause of the fire can only be surmised. As far as we can determine there is no basis for believing the fire was due to negligence on the part of the Operator.

3. The equipment that was damaged or destroyed is itemized in Mr. V. Z. Johnson's routine inspection report of December 16, 1952.

4. In preparing the amendment, the only prorating of costs was for the buildings erected to replace those that had burned. The original buildings (3 small-sized wooden structures) were on the property when the contract started. These buildings were never formally evaluated but were estimated to be worth about $1,000. Therefore when the Snoose Company replaced these buildings with a more durable and fireproof pumice-block building, which they stated cost them $3,000, we reasoned that although a surface building was necessary the Government should only participate in an amount commensurate with the estimated value of the original buildings, hence the $1,000.

An amount of $500 was allowed for equipment repairs, and replacement of small tools was allowed in the amendment. This figure was difficult to establish as it is not known exactly what equipment repair costs would amount to or what amount of small tools would be purchased; however, $500 was deemed reasonable in view of the items lost or damaged (see Johnson's report of December 16).

Labor costs used in plant repair and clean-up were, of course, necessary as that work had to be done before contract work could continue.

5. Depreciation for equipment used during the idle period was allowed to cover those items of equipment used in plant maintenance and mine rehabilitation. These included the pump, hoist, and compressor, all of which were items that had to be maintained if the exploration were to continue. The compressor, although destroyed in the fire, was replaced on the day following the fire by a new compressor of smaller size but for which the original depreciation allowance was deemed appropriate, therefore, depreciation was continued without interruption. The exploration project was only briefly suspended as the crew was able to resume work within a day or two following the fire. Under these circumstances, the instructions in DMEA Circular 19, Supplement No. 1, seemed to apply, namely that depreciation should be continued unbroken as long as the need existed.

We did not think it was necessary to request additional funds inasmuch as there is a possibility that the contract may be terminated before completion. If this is the case existing funds will be more than

sufficient. In the event the contract is continued more funds can be requested provided this is necessary. We expect that following the next inspection of the property we will know whether the contract is to be terminated short of completion or carried through to its end.

We trust that the foregoing will clarify the questions in your mind regarding Amendment No. 7.

Sincerely yours,

Thor H. Kiilsgaard

Thor H. Kiilsgaard
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

cc: USBM (2)
Kiilsgaard

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

m
termination suggested

April 3, 1953
Defense Minerals Administration
RECEIVED
APR 27 1953

Memorandum

To: DMEA Field Team, Region II

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

Subject: Routine examination of Snoose mine, Blaine County, Idaho, Contract Idm-E120, Docket No. DMA-211 (Zinc).

I examined the Snoose mine on March 12, 1953, accompanied by Mr. Val Freeman, U. S. Geological Survey, and Mr. Harry Pollar, mine engineer for the Operator.

The examination centered about the winze put down by the Operator from a point 20 feet west of station 214 in the 201 NW drift. No mapping was done in the winze as the crew was busy mucking out a round and any work we might have done would have hindered their efforts.

The 200-level winze has been the subject of considerable discussion between the Operator and DMEA field examiners. The Operator has favored sinking the winze, whereas field examiners have held that exploration findings on the 200 level have not warranted such a winze and that a diamond drilling program should be initiated from the 200 level to test the Footwall structure at depth to determine whether a winze was warranted. The Operator promised to present a drilling plan suggested by field examiners to company directors and submit their decision to the Field Team; however, in the meantime the company started sinking the winze on their own account.

The winze was started on a narrow 4- to 12-inch stringer of crushed zinc ore near the footwall of the Footwall shear zone. About 12 feet below track level the crushed streak widened to about 4 feet of crushed, low-grade ore. Mr. Pollar reported that this crushed ore varied in width but was followed down for about 40 feet before the ore went into the winze hanging wall. At that point a round was shot into the hanging wall which exposed ore that was not crushed but was in place. A small stope was subsequently put into the winze hanging wall following the ore. We were able to get to the bottom of this stope, at a point about 40 feet down the winze, where the ore was seen to be about 18 inches wide but narrowing to about 6 inches on the north end. The shoot has a strike length of about 15 feet. No samples were taken but the grade was estimated at about 7 percent Pb, and 7 to 10 percent Zn; it is reported to contain about 8 ounces of silver per ton. This is the best grade of ore and the first seen in the Snoose mine by the

writer that has not been crushed and broken by post-mineral faulting. Mr. Pollar reported that 5 cars had been shipped from the winze and stope. Shipment records were not obtained although we were informed that some of the shipments were low in grade.

An unusual feature of the ore was that it was striking almost due north and appeared to be extending across the Footwall structure from foot to hanging wall, although the ore had not been followed to the hanging wall. This ore trend was discussed with Mr. Pollar who was of the opinion that the ore would extend through the hanging wall and that if it encountered limestone beyond the hanging wall the ore could enlarge into an appreciable ore body. The writer's opinion on this observation was that extension of the ore into the hanging wall would be unusual for the Snoose mine, in that prior exploration had never encountered such a condition and that further exploration would be required before such an opinion could be justified. If the ore does not penetrate the hanging wall, but merely occurs as a mineralized tension fracture extending from foot to hanging wall, as is more probably the case, the ore shoot will be small and will not be worth mining.

The bottom of the winze was about 100 feet, inclined at about 30 degrees, below the 200 level. Below the 40-foot point, the winze appears to be in a barren shear zone, although there was the possibility of the ore shoot continuing downward in the winze hanging wall northwest of the winze.

The small stub-raise into the hanging wall, off the 201 raise, was also examined. This stub-raise completely penetrated the Footwall shear zone and extended into the limestone hanging wall. No ore was encountered in this raise.

Following the examination the writer met with Mr. L. W. Moore, a company official, in Boise, Idaho, to determine whether company officials had arrived at any decision regarding proposed exploration. Mr. Moore said they had been unable to obtain a quorum at two previous meetings but that another meeting would be held during the coming week. He said they would immediately inform the Field Team of any decisions made at that meeting.

The long delay in awaiting a decision from Snoose officials, and the fact that the winze has now encountered ore below the 200 level, has created a complicated situation with regard to continued project exploration. The winze is now down so far that proposed diamond drilling from the 200 level would not be an informative as it would have been had no winze been sunk. Moreover, the ore exposed in the winze, which is more encouraging than any ore found in more than 1000 feet of drifting and crosscutting on the 200 level, would make it difficult to terminate the contract because of geologic unfeasibility, even though, in the writer's mind, the ore will be of little value.

It is recommended that immediately upon receipt of information from Snoose officials, the Field Team decide whether DMEA should continue participation in the project. Unless the Operator presents a sound and logical plan of exploration, the Government should terminate participation in the contract.

Distribution:
DMEA (Orig. & 3)
USBM (2)
Docket
Kiilsgaard

Docket

FILE COPY
SURNAME:

110

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

Johnson
Gelbridge
Mittenhof

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 8, Washington

MAR 23 1953

Re: Docket No. DMEA-211 (Zinc)
Snoose Mining Company
Blaine County, Idaho
Contract No. Idm-E120

J.C. 3/23/53

Dear Mr. Weissenborn:

Enclosed are memoranda from the Chief Counsel and the Chief of the Contract Administration and Audit Division covering Amendment No. 7 of the subject contract.

You will note that the amendment is somewhat confusing to us and may cause you considerable difficulty in making payments for the work to be done under it. We believe that more adequate justification also will be necessary in order to approve the payments. It is suggested, therefore, that you write us an explanation of just what you propose to do in this case, as indicated in Chief Counsel's memorandum, and advise with respect to the following:

1. Were the damages to the property covered by insurance? If so who collected?

2. Were the damages due to negligence on the part of the Operator?

3. What equipment was damaged or destroyed?

4. State the basis of prorating the costs for replacement and repairs.

5. State the basis for allowing depreciation for idle time during the period of replacement and repair.

In cases such as this, it would be more appropriate to prepare an amendment to provide funds to cover costs not contemplated in the contract and increase the amount of the contract accordingly.

As soon as we receive the information requested we will be in a position to take proper action concerning the amendment.

Sincerely yours,

George C. Selfridge (JHB)

Chairman, Operating Committee

APPROVED:

J. K. Hedgon (JHB)

Member, Bureau of Mines

A. R. Kinkel, Jr. (JHB)

Member, Geological Survey

Enclosures (2)

WRGriswold/FEJohnson/hmj/bih
3/23/53
cc to: Docket
Admr. Reading File
Region II
Operating Committee
Messrs. TPThayer
JHHedges
Griswold
FEJohnson

500
FILE COPY
SURNAME:

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

Mr. A. L. Weissenborn, Executive Officer
Field Team, Region II
South 157 Howard Street
Spokane 8, Washington

MAR 23 1953

Re: Docket No. [illegible]-211 (Sinc)
Snoose Mining Company
Blaine County, Idaho
Contract No. [illegible]-120

Dear Mr. Weissenborn:

J. C. 3/25/53

Enclosed are two memorandums from the Chief Counsel and the Chief of the Contract Administration and Audit Division covering Amendment No. 7 to the subject contract.

Within the course of a few days we shall try to have an amendment prepared which will meet with the objections raised, and shall forward it to you. We are not in accord with the amendment provision allowing depreciation on company-owned equipment during the down period which the Operator's narrative states was only fourteen days and for which $200.00 was allocated.

In any event, a new amendment is required in that the Audit Division informs us that payments could not be cleared under Amendment No. 7.

We shall therefore prepare a covering amendment for the sum of $2,200.00, increasing the project cost by such amount. In cases of projects where additional work is to be provided rather than a simple change of exploration work from one location to another, it is advisable that available project funds be increased accordingly.

Sincerely yours,

Chairman, Operating Committee

Enclosures-2
APPROVED:

Member, Bureau of Mines

Member, Geological Survey

WRGriswold/hmj
(3-19-53) CC to: Admin. R. File
Docket
Operating Committee
~~Base Metals Division~~
Mr. ~~Bishop~~
Mr. ~~Kinkel~~
Mr. Griswold
~~Chron.~~

FILE COPY
SURNAME:

800

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

March 12, 1953

Memorandum

To: Administrator

BW

From: Jay L. Chambers, Chief (Signed) J. L. Chambers
Contract Administration and Audit Division

Subject: Amendment to Contract Idm-E120, DMEA-211 (Zinc)
Snoose Mining Company

I am returning Amendment No. 7 issued by the Executive Officer of Region II to contract Idm-E120, Snoose Mining Company, under date of January 7, 1953, and the comments of Mr. Hofflund, Mr. Johnson, Mr. Selfridge and Mr. Talbert.

There seem to be so many questions on this amendment raised by the various staff members of DMEA that it seems the only way to answer them is by a rewrite of the amendment. In this case I believe it would be well to have Mr. Hofflund, in conjunction with the proper commodity division, prepare a new amendment clarifying the situation, and ask Mr. Weissenborn to substitute the new amendment for the one he issued.

This new amendment should be based probably on a little more information so that the justification will stand up under any kind of audit. I think additional funds also should be supplied to take care of the additional expenditure provided by the amendment. No one seems to know whether the Company had insurance on the building; what prorata share of the building was used for DMEA exploration project; what equipment was destroyed or damaged; whether the fire resulted from the Operator's negligence, and the basis for allowing depreciation for idle time of the equipment during its rehabilitation and repair. Personally, I do not think the amendment as it stands is fully justified or explained.

Enclosure

JLChambers/wb
March 12, 1953

M.S. in R.v R.

Copy to: Mails & Files
Admr. Reading File
Mr. Chambers

FILE COPY
140 SURNAME:

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

Hoffland
Arlene

March 9, 1953

Memorandum

To: The Administrator

From: Chief Counsel N.S. in R. v R.

Subject: Snoose Mining Company, Docket No. DMEA-211 (Zinc)
Contract No. Idm-E120, Amendment No. 7

Reference is made to a memorandum dated February 20 from the Acting Executive Officer, Region II, to the Chairman of the Operating Committee, to which is attached Amendment No. 7, which was submitted to this office on a reference slip dated March 2.

The amendment has already been executed by the parties and is in effect.

I have refrained from surnaming this amendment in the margin, because I think it may present difficulties with respect to accounting and auditing, and because I would like to have these comments in the record with regard to its substance.

The purpose of the amendment is to allow as costs of the project damages in the amount of $2400 to unspecified "surface buildings and stores and . . . equipment" from "fire originating in compressor room." The buildings apparently were already in existence on the property and were being furnished by the Operator without cost, but the unspecified equipment was either purchased or furnished by the Operator on a depreciation basis. It appears from the docket that when the exploration contract was entered into the property already was or had been in operation as a mine, and presumably the damaged buildings and possibly some of the damaged equipment was being used by the Operator for purposes of production. The accompanying justification signed by V. E. Johnson indicates that cost of damages in the sum of $2400 does not represent the total damages from the fire, but is a proration of the total damages between exploration and production.

There is no objection to allowing as a cost of the project damages to buildings or equipment which are being used for the purposes of exploration, provided that the damages are not covered by insurance and provided that they ~~would~~ not occur through the negligence of the Operator. If the damaged

property is used both for production and exploration, they should of course be prorated, and I gather from the justification that this has been done, although the basis of proration is not stated.

My difficulty with the amendment is the ambiguous manner in which it is stated. Assuming that the amount allowed, $2400, is a proration of the total damages arising from the fire, it cannot be determined from the amendment just how the Operator is to claim for this amount or how it is to be paid. It would not seem to be practicable to claim for it in terms of the costs of labor, materials, supplies, etc., as in the case of ordinary exploration costs, because the amount allowed represents some portion of a much larger amount for the total damages. I believe that the intention is to allow the amount of $2400 as an arbitrary figure to cover the costs of the damages related to the exploration project. If this is the case the amendment should be made clear in this respect; and if it is not the case, the amendment should make it plain just how the amount to be paid may be claimed by the Operator.

The last sentence of the amendment states: "This amendment shall not increase the total amount of the contract but shall be deducted from the amount allotted for work below the 200 level of Stage V." This provision is incomprehensible because there is no amount "allotted for work below the 200 level of Stage V." The allotment of funds is no part of an exploration project contract, and as long as the Government's contribution is on a basis of actual costs, it is impossible to pay claims for actual costs by deductions from estimates of costs relating to particular elements of the work. This provision should be changed to the usual one: "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."

I suggest that a copy of this memorandum be forwarded to the Executive Officer, Region II.

JLHofflund/mef
cc to: Mails and Files
Mr. Griswold
Mr. Hofflund
Chron.

J. L. Hofflund
Chief Counsel

Attachments

Docket Copy

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 2 1953

February 20, 1953

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

Re: Docket DMEA-211 (Zinc)
Snoose Mining Company
Contract Idm-E120

Dear Mr. Selfridge:

Attached are the original and two signed copies of Amendment No. 7 to the subject contract, with attached justification.

Copies of the amendment have been retained by the Operator, the Field Team, and the Finance Officer.

Sincerely yours,

Thor H. Kiilsgaard

Thor H. Kiilsgaard
For: M. E. Volin
Acting Executive Officer
DMEA Field Team, Region II

RECEIVED
MAR - 3, 1953
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

Attachment

cc: USBM (2)
Kiilsgaard

cae
2-24-53

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
Spokane, Washington
February 18, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration

Mr. L. W. Moore
Snoose Mining Company
423 First National Bank Bldg.
Boise, Idaho

Subject: Docket No. DMEA 211 (zinc)
Snoose Mine
Contract Idm-E120
December 1952 invoice

Dear Mr. Moore:

The subject invoice has been reviewed by the inspecting engineer and the certifying officer, but payment has had to be withheld pending receipt of Amendment No. 7 to be executed by your company. Certain costs of repair of fire damage which were provided for in the amendment were claimed in the invoice and therefore cannot be paid before the executed document is received here. This amendment was mailed to Mr. Jensen at the above address on Jan. 15, 1953. It should be signed and returned as soon as possible so that processing of the invoice can be completed and payment made.

It is noted that some costs have been claimed in the invoice which appear to be chargeable to winzing or preparation for winzing. The costs of wiring for the hoist, purchase of a sump pump, timber bought for the winze, purchase and installation of fan and vent pipe, etc., are costs of winzing which cannot be allowed as long as the Government is not participating in the winze. Inasmuch as these items will be deleted by the certifying officer, a revised invoice will not be required.

In regard to future work under the DMEA contract, we are interested in learning the outcome of your directors meeting which you advised was to be held recently in Hailey to discuss exploration work recommended by the Field Team and discussed with you during your recent visit to Spokane. We would like to get a decision as to your future plans so that we can clarify the status of the contract as soon as possible.

By Field Team, Region II

M. E. Volin, Acting Exec. Officer
U. S. Bureau of Mines

cc: DMEA, Wash. (2)
USGS (2)

Thor H. Kiilsgaard, Acting Member

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 2 4 1953

February 11, 1953

Memorandum

To: DMEA Field Team, Region II

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

Subject: Routine examination of Snoose mine, Blaine County, Idaho, Contract Idm-E120, Docket No. DMA-211 (Zinc).

I examined the Snoose mine on December 18 and 19, 1952, accompanied by Mr. G. W. Fuller, U. S. Geological Survey, and Mr. Harry Pollar, engineer for the Operator.

The No. 202 S.E. Drift had advanced 49 feet beyond the point that marked the face as of my last visit in September, and was 198 feet beyond USBM spad No. 23, the last known marker point in the drift. Advance of the drift had disclosed heavy sheared ground devoid of mineralization. It was pointed out to Mr. Pollar that although the drift was still about 150 feet from coming into the projected position of the ore shoot mined in the Reed tunnel, it would perhaps be to the Operator's advantage to expend his exploration funds in a more favorable heading.

The 201 NW Drift had been extended 57 feet since my previous visit. This advance has followed the footwall strand of the Footwall shear zone and has shown a sharp change in attitude of the showing in which the dip has flattened and the strike swing more to the west. The structure is barren except for a small 1-inch band of sphalerite that extends for about 10 inches along the footwall. Mr. Pollar stated that as the allowable footage of drifting on the 200 level was about expended, he did not see reason for further advance of the 201 NW Drift. I concurred with his reasoning.

The 201 Raise had been advanced about 100 feet above the 201 NW Drift. The raise was mapped (see accompanying map and section) and was found to be driven on the footwall strand of the shear zone. The hanging wall strand, which was the ore-bearer above the 100 level, lies 10 to 15 feet above the footwall strand. It was therefore suggested to Mr. Pollar that as raising had failed to disclose ore it would be sound exploration to put some long holes into the back of the raise to test the hanging wall strands. Mr. Pollar agreed to do this.

Mr. Pollar stated that the Snoose Mining Company was anxious to sink a winze on the Footwall structure for a distance of at least 200 feet. He was advised that although such winzing was allowable in the contract there was no reason to believe such a winze was warranted inasmuch as almost 1,000 feet of drifting on the footwall structure had failed to disclose commercial ore. Furthermore, he was informed that winzing should preferably be preceded by diamond drilling from the 200 NE crosscut, which should determine where the Footwall structure warranted such winzing. Mr. Pollar stated that the company intended to winze whether the Government participated or not, and that they had already started cutting the winze station. At the conclusion of the discussion I informed Mr. Pollar that it would be advantageous for either himself or a company representative to meet with the Field Team and discuss further exploration.

In January Mr. Moore of the Snoose Mining Company met with the Field Team to discuss further exploration. He stated that the company had started winzing and requested the Government to share in winzing expenses. He was informed that drifting on the 200 level of the Footwall structure had failed to disclose commercial ore and that winzing below the 200 level did not appear justified. Furthermore, Mr. Moore was informed that no drifting had been done on the Reed structure, on the 200 level, as suggested in the contract, and that the Reed structure appeared equally as strong as the Footwall structure and warranted exploration. He was also informed that if the Operator would agree to 100 feet of drifting to the northwest on the Reed structure and from this drift drill at least three diamond drill holes to the Footwall structure, the intersections to be made below the 200 level, the Government would consider participation in the winzing program. Mr. Moore agreed to submit this proposal to company officials and advise the Field Team of their decision. To date, this decision has not been made known to the Field Team.

Thor H. Kiilsgaard
Geologist

Enclosure

cc: USBM (3)
Docket
Kiilsgaard

LARGE FORMAT DOCUMENTS AT END OF FILE

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D. C.~~
1201 North Division Street
Spokane 2, Washington

Bureau of Mines Administration
RECEIVED
FEB 24 1953

February 9, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: V. Z. Johnson, Mining Engineer, Bureau of Mines

Subject: Inspection of Snoose Mine, Blaine County, Idaho, Contract Idm-E120, Docket No. DMEA 211 (Zinc)

The inspection was made on January 29, 1953 in company with Mr. Harry Poller, engineer.

There has been no project activity since the previous inspection of January 10, 1953. It seemed advisable to sample some faces that probably may not be advanced further under the contract. While sampling, it was possible to check total advances as well as the Operator's winze from the 200 level just west of survey station #214.

Participation to date has not been sanctioned in this winze which has been advanced 15 feet in about 7 x 8 foot cross section. The broken argillite requires timbering which will consist of 7 foot caps at 5 foot centers with posts about 6 feet long but varied to suit the vein width. The participation purchased electric hoist is installed for the winze on the first floor over 201 NW drift.

Mr. Poller requested that the project be recessed while company share holders were consulted regarding expenses to follow the exploratory program outlined to Mr. Moore by the Field Team during the January meeting.

The writer recommended that a written request to recess be addressed to the Field Team. The subject of reimbursement to the Government for jointly purchased equipment used for other than project work was not mentioned; but should be the subject of a letter to the Operator in the near future.

Total units completed to date and accepted for payment are in some headings less than the total advanced as the Operator in instances advanced a couple of rounds on his own account. Total units accepted on 104 forms are: raise - 125 feet, crosscut - 230 feet, and drift - 922 feet.

Drift units in Step III remaining are 88 feet which would permit advancing drift, 202 SE, below a zone that was stoped over the No. 1 tunnel where the level interval is about 200 feet.

Probable recess or termination of certain workings suggested the sampling at faces now accessible and are as follows:

Sample No.	Drift or Crosscut	Location and Width
VJ-5	203 SE Drift	1 inch stringer in face near back at about 45 feet
VJ-6	202 SE drift	4 ft. broken argillite in face near back at about 250 feet
VJ-7	204 NW drift	3 ft. broken limestone in face near back at about 55 feet
VJ-8	Drift round NW from about in 200 NE Crosscut	3 ft. gouge, broken limestone
VJ-9	Drift round SE from about in 200 NE Crosscut	2 ft. gouge, broken limestone

The Operator's winze is in ore and sample No. VJ-5 was taken across a four-foot width at about 15 feet inclined depth of 35°. A 4' sample #VJ-2 from the second floor of the winze station assayed Pb 2.7%, Zn 5.6%, Ag 6.5 oz. The Operator is making the third shipment of ore under the project. The first shipment included 51 tons from the 201 NW drift; earlier this month 47 tons were shipped from the winze station; now the Operator believes he has about 50 tons on hand from winze and station. Mr. Poller does not have the returns from these test shipments, but estimated the value at about $8 per ton.

Winze operation is on two shifts with three men underground and one on surface. A cycle has not been established yet and may not be maintained because it is necessary to sort and store the ore underground during the winter months. The skip was made on the job except for wheels and axle and it has about 22 cubic feet capacity.

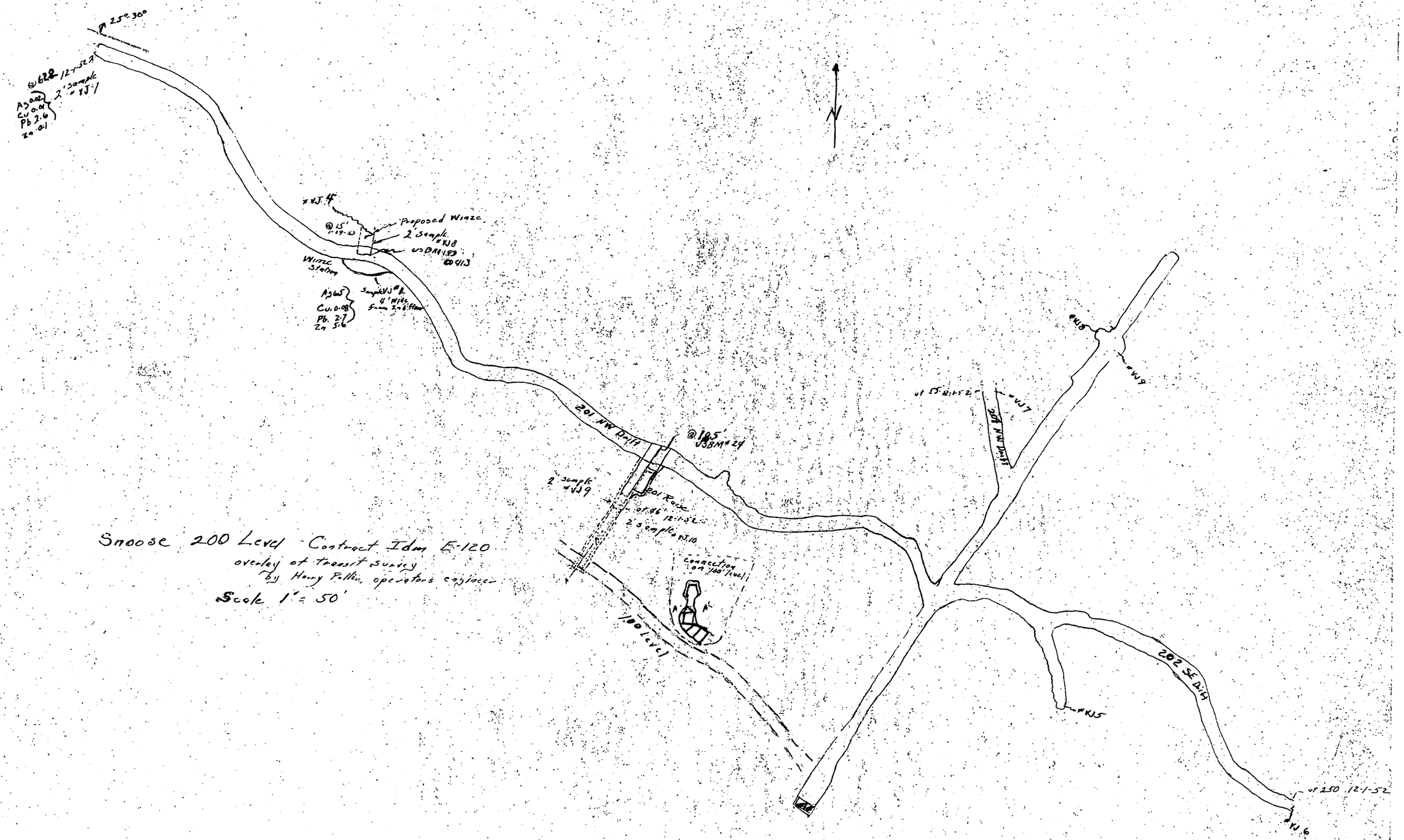
Apparently the winze operation is getting started with relatively little expense; and the workmanship is satisfactory.

Mr. Poller was informed that although the Government was not participating in the winze at this time, the ore removed might be covered by a certification of discovery as it was exposed by 201 NW drift; if so, it would be subject to royalty. Company records are kept in the Boise office by Mr. L. W. Moore; and the writer suggests that Mr. Moore be requested to furnish the DMEA, Spokane offices with the tonnage and assay data relative to the shipments from the Snoose Mine; as well as reports regarding the use of participation purchased hoist, drill steel, electric pump, mine cars, and miscellaneous small tools in a non-participation operation.

V. Z. Johnson

V. Z. Johnson

Orig. & 3 - Wash.
USGS - 2
DMEA
M/D
VZJ/vf



Snoose 200 Level Contract Idm E-120
overlay of transit survey
by Henry Pellin, operators engineer
Scale 1" = 50'

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

Rm. 19[illegible] Howard Street
Spokane 4, Washington

February [illegible], 1953

Mr. Harry Pollar
c/o Snowse Mine
Hailey, Idaho

[illegible] Defense Minerals Administration
RECEIVED
FEB 13 1953

Re: Contract Idm-[illegible]120

Dear Harry:

Dmea 211

With regard to your telephone conversation of today, it will be acceptable to us to drive a short raise through the hanging wall of the shear zone at the base of the 201 raise to test the position of the hornfels or silicified limestone in the hanging wall of the shear zone. In submitting your invoice we would suggest that you bill this raise as an additional cost of the 201 raise since there is sufficient footage allowable in the amendment to cover both the 201 raise and any short length of raise that you now wish to do.

We are enclosing a map showing our interpretation of the geology on the 200 level. You will note that we have not mapped all the intricate shears exposed in the drift but only what we believed to be the hanging wall footwall strands and some of the more prominent shears extending from foot to hanging wall. Another thing you will note is that the hanging wall strand and shear zone at the base of the 201 raise shows in projected position. Its projected position is also shown on a cross section of the raise. This strand may be incorrectly located but should not be too far out of place. It was quite obviously the strand mined above the 100 level and consequently warrants a look on the 200 level.

Another thing you will note in this map is the crumpled position of the bedding in and near to the shear zone. This has probably been brought about by faulting the pliant argillites against the more massive and resistant limestone or siliceous limestone. This bedding is less contorted away from the shear zone, although there is evidence of a small fold in the crosscut from the shaft to the footwall shear zone.

We are looking forward with interest to the letter from Mr. Moore and to his suggestions on future exploration work.

Sincerely yours,

cc: DMEA (2)
USBM (2)
Kiilsgaard

Thor H. Kiilsgaard
For: A. S. Wolmesborn, Executive Officer
DMEA Field Team, Region II

Enclosure

500 FILE COPY
SURNAME:

Corbett

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

Memorandum

To: Administrator

From: Base Metals Division JAN 21 1953

Subject: Costs-comparison (November, 1952)
Snoose Mining Company, DMEA 211
Linton Mines, DMEA 208

J.C. 1/21/53

Linton Mines 30 miles N. Missoula, Mont.		Snoose Mining Co. Hailey, Idaho	
Drifting	44'	Drifting & Raising (55'-35')	90'
Labor	$378.00 - $8.50/ft.	Labor	$2445.83 - $27.18/ft.*
Supervisor	250.00 - 5.70/ft.	Supervisor	560.00 - 6.22/ft.*
Explosives	111.65 - 2.50/ft.	Timber	$ 959.84 - 10.65/ft.*
Other material & Supplies	143.72 - 3.27/ft.	Explosives	266.00 - 2.95/ft.*
Repairs, Taxes etc.	58.50 - 1.33/ft.	Other material & supplies	822.27 - 9.14/ft.*
Op. Equip.	114.42 - 2.60/ft.	Repairs - Taxes	368.03 - 4.09/ft.*
	$ 23.94/ft.*	Op. Equip.	733.53 - 8.15/ft.*
* This includes trenching in the amount of $353.97 not separated from other costs.		* The costs not being separated, these are unit costs for both drifting and raising. The raise is 2 compartment, timbered.	
Exclusive drifting costs $25.14/ft.		Exclusive drifting costs - $59.66 " raising costs - 71.59	
Estimated Costs:		Estimated Costs:	
Drifting - $ 25.00		Drifting - $35.00 Raising - 42.00	

FXCorbett/hmj/1-21-53
CC to: ~~Mails and Files~~
Docket
Op. Com
Base Metals
Corbett
Mr. Kinkel
Mr. Bishop

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
1201 N. Division St.
Spokane 2, Washington
January 20, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 3 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: V. Z. Johnson, Mining Engineer, Bureau of Mines

Subject: Inspection of Snoose Mine, Blaine County, Idaho, Contract Idm-E120, Docket No. DMEA 211 (zinc)

The inspection was made on January 10, 1953, in company with Mr. Harry Poller, engineer.

The completion of No. 201 raise was the only project activity since the previous inspection of December 1, 1952. The raise holed at a total of 125 feet, the last 14 feet of which was vertical; advance during the period was 79 feet. A small snow slide has wrecked 40 feet of track shed and left 8 feet of snow around the shaft collar.

The raise cross section is about 7x7 feet single compartment through most of its length, but is two compartment 6x10 cross section for the first 28 feet.

The total units completed to date are about as follows: Drifting - 922 feet; crosscutting - 230 feet; and raising - 125 feet. Rounds of muck left in drifts make it impossible to measure the exact total advances.

The position of hole-through by 201 DMEA raise indicates 201 N.W. Drift and the raise were driven on a vein strand into the footwall from that which was worked on the 100 level. The mineralization of the strand which was followed by the raise is hardly strong enough in sulfides to make ore. The Operator intends to probe the hanging wall of the raise.

The Operator's winze station has been cut and timbered 19 feet wide and 14 feet high along about 20 feet of 201 N.W. Drift just west of Survey Station #214. About 40 tons of shipping grade ore from the winze station is stockpiled in the Operator's ore bin. Sample No. V.J. 2 was taken across 4 feet near the back and in the southeast corner of the winze station where zinc, lead and iron sulfides are exposed.

Operations are relatively efficient under the circumstances. The flat-dipping twisted veins have made tramming and timbering difficult and the broken ground tends to stick drill steel. Unit costs are high - drifting $52.10 per foot and raising $68.90 per foot. The workmanship is satisfactory.

Mr. Poller was informed that 202 S.E. Drift had not been driven to the desired target area below No. 1 Tunnel workings. He stated that company funds were allotted specifically to the winze operation at this time so that he could hardly do any drifting. Company officials are considering a plan suggested by DMEA employees which, if accepted, would involve additional drifting as well as diamond drilling from the 200 level.

V. Z. Johnson

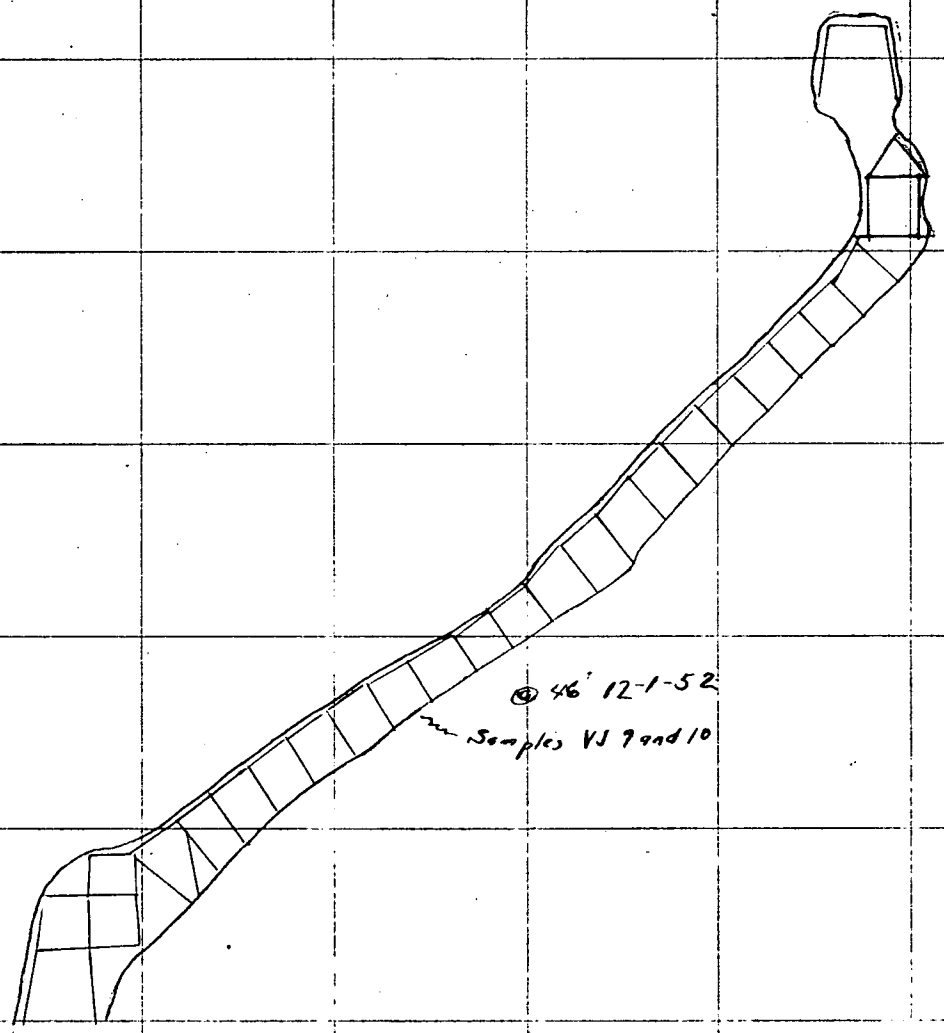
V. Z. Johnson

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
VZJ/he

Snoose DMEA Raise
from
USBM 24 185' in 201 N.W Drift

1" = 20'

VZJ



"ALBANENE" REG. U.S. PAT. OFF. No. 195M K&E CO., N.Y.

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

January 15, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 1 5 1953

Mr. A. M. Jensen, President
Snoose Mining Company
423 First National Bank Building
Boise, Idaho

Re: Docket DMEA-211 (Zinc)
Snoose Mine
Blaine County, Idaho
Contract Idm-E120

Dear Mr. Jensen:

Attached are several copies of Amendment No. 7 to your Exploration Project Contract Idm-E120. If the terms and conditions of this amendment meet with your approval, please sign all copies, retain that copy marked for the Operator and return the remaining copies to this office.

Sincerely yours,

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

Enclosure

cc: DMEA (2)
USBM (2)

Kiilsgaard

coe
1-19-53

211

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

1201 North Division Str.
Spokane 2, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 23 1952

December 16, 1952

Mr Frank — how about losses?

MEMORANDUM

To: DMEA Field Team, Region II

From: V. Z. Johnson, Mining Engineer, Bureau of Mines

Subject: Inspection of Snoose Mine, Blaine County, Idaho, Contract Idm-E120, Docket No. DMA 211 (Zinc)

The inspection was made on December 1, 1952, in company with Mr. Harry Poller, engineer.

No. 202 S.E. drift had advanced 40 feet for 250 feet total; No. 207 N.W. drift had advanced 5 feet for 50 feet total; No. 201 N.W. drift had advanced 65 feet for 622 feet total; No. 201 raise had advanced 46 feet for a 46 foot total, all since the inspection of October 1, 1952. The underground faces being unaccessible on November 1, 1952, because of power cut off to pumps by a surface plant fire on October 16, 1952.

Cross sections in drifts vary between 9 x 7 feet and 8 x 6 feet and are timbered for the most part to within about 14 feet of faces. No. 201 raise was driven two compartment 6 x 10 feet for the first 15 feet and then narrowed to 6 x 7 feet, with timber ten feet from the face.

A 30 x 48 foot concrete and masonry building was erected about 75 feet N.E. of the shaft, replacing buildings destroyed by fire. The south wall is 10-inch reinforced concrete retaining the hill with two concrete pilasters and cast section on the ends. The balance of the building is of 8" concrete blocks. About 110 feet of snow-shed over the track to the dump has been built with form lumber.

The writer favors participation in winze sinking on the structure disclosed by N. 201 N.W. drift. The Operators have expressed an intent to winze with or without Government participation and although there are more feasible means of exploring the zone, the writer believes a winze, if favorably located, has equal merit to the current No. 201 N.W. drift. ✓

Total units completed to date are about as follows: 922 feet of drift of which about 880 feet are accepted for participation; 230 feet of crosscut; and 46 feet of raise.

The galena and sphalerite exposed in No. 201 N.W. drift through the 65 feet advanced is encouraging but will not make ore for a reasonable mining width. A 2-foot sample No. V.J. 7 was taken at 622 feet.

Raise No. 201 has about 2 feet of broken material that is high in sulfides. Samples V.J. 9 and 10 were taken for 2-foot widths at 46 feet, east and west faces respectfully.

A surface fire originated in the compressor room on October 16, 1952, probably cuased by slippage of a worn rubber V-belt. The fire was controlled just as one gallows frame leg became scorched but all structures east of the shaft were lost. There was a loss of practically all stores and equipment in these buildings and the power interruption and attendant confusion caused pump flooding in the shaft.

Jointly owned material and equipment lost by the fire are as follows:

90 pcs. slab lagging 7-1/2' at 22¢/ft.	$ 148.50
Acetyline - equipment and tanks	100.00
Small tools and parts	500.00
Two safety switches at $30	60.00
Two starter switches at $15	30.00
Electric caps	100.00
Air Hose 200'	50.00
Fuse - 2 reels at $42	84.00
Carbide - 100 lbs.	8.50
Blasting caps, 1000 at	21.60
200' electric wire	40.00
	$1,265.10

Participation purchased equipment which has suffered significant but undefinite damage, with probable worth before fire, are listed below:

1	Joy S91 stoper, probably worth	$ 710.00
3	8-ft. & 3 6-ft. Sandvik drill steels, worth	136.00
3	pcs. I-R steel 7/8 hex, worth	18.00
4	bits, I-R, worth	64.00
1	doz. 6' - 1" stoper steel, worth	96.00
1	doz. 4' - 1" stoper steel, worth	72.00
1	doz. starters, worth	60.00
1	doz. 1" hex jackhammer steel, 2 ft., worth	60.00
1	doz. 1" hex jackhammer steel, 4 ft., worth	72.00
1	doz. 1" hex jackhammer steel, 6 ft., worth	96.00
		$1,384.00

Company owned equipment rented to the operation was damaged or destroyed as follows:

Air compressor requiring extensive repair	$1,000.00
Power unit requiring replacement	600.00
Two air-sump pumps destroyed	300.00
One pneumatic saw destroyed	200.00
	$2,100.00

Company owned and rented articles furnished to the operation that were destroyed or damaged included:

300 Amp - Arc welder	probable worth	$ 300.00
Pipe and Die sets	probable worth	75.00
Buildings	probable worth	1,800.00
Clothing, $15/man-6 men	probable worth	90.00
1 fan	probable worth	50.00
3 I-R jackhammers	probable worth	1,200.00
1 I-R jackleg	probable worth	225.00
		$3,740.00

The Operator was able to employ nearly all of the workmen at rehabilitation immediately after the fire so that mining was readily resumed. Two men in the raise complete a 5 - 6 foot advance cycle per shift as does the No. 201 N.W. drift except that the long tram makes it necessary to lose an occasional round while advancing track and timber.

Costs are reasonable under the circumstances, i.e., timbered drift $52.10 per foot, and timbered raise (6 x 8) $68.90 per foot.

The workmanship is satisfactory.

V. Z. Johnson

V. Z. Johnson

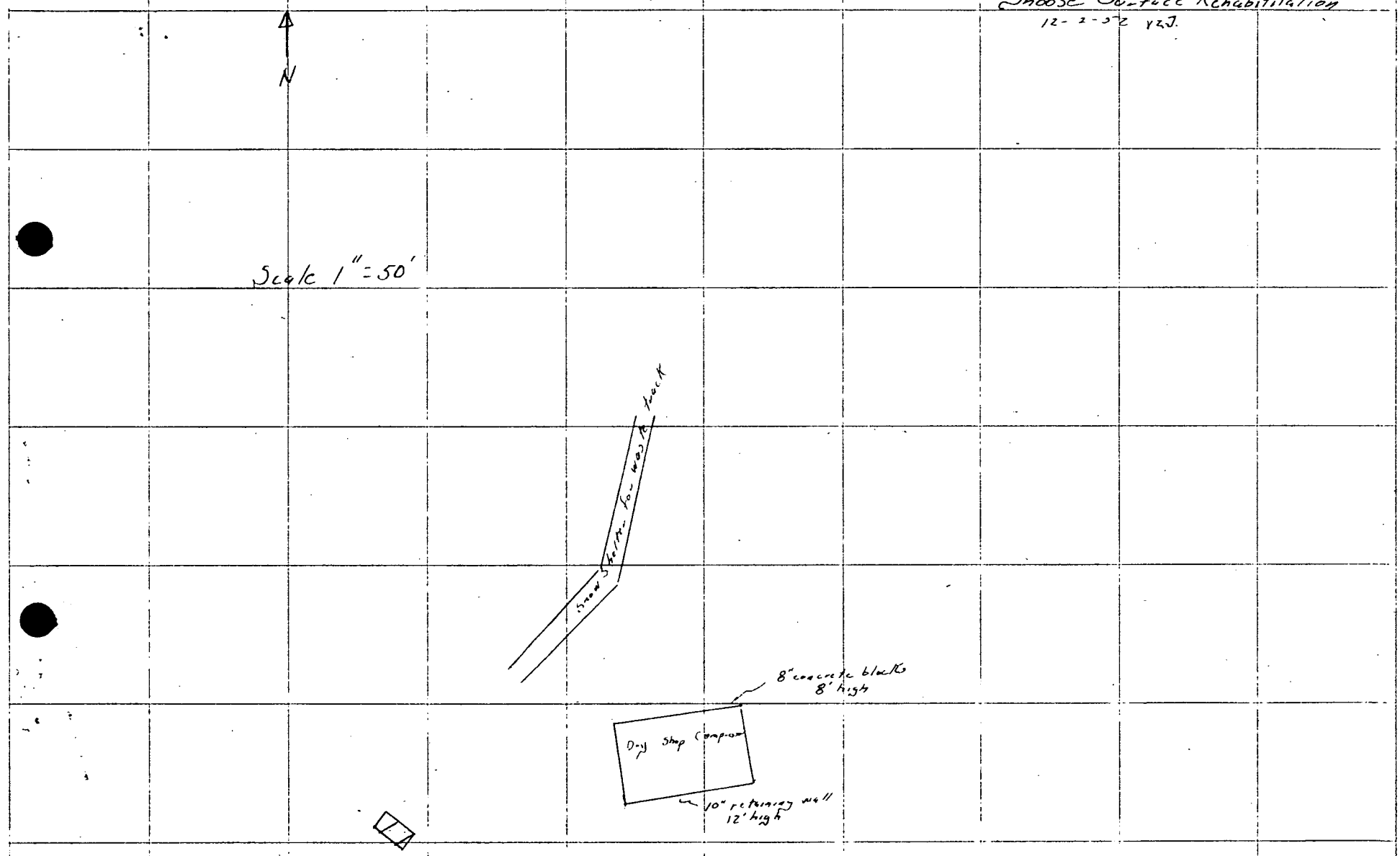
Orig. & 3 - Wash.
USGS - 2
DMEA
M/D
VZJ/vf

LARGE FORMAT DOCUMENTS AT END OF FILE

Contract Item E120

Snoose Surface Rehabilitation

12-2-72 RZJ.



"ALBANENE" No. 195M Albany, N.Y. Made in U.S.A.

Docket Copy

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 17 1952

November 12, 1952

Mr. Frank E. Johnson, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket DMA-211 (Lead-Zinc)
Snoose Mining Company, Inc.
Blaine County, Idaho
Contract Idm-E120

Dear Mr. Johnson:

Enclosed are the original and two signed copies of Amendment No. 6 to the subject contract, with attached justification.

One copy of the amendment has been retained by the Operator, one copy is being retained for the files of this office, and by a carbon copy of this letter the Regional Finance Officer's copy is being distributed.

Sincerely,

A. E. Weissenborn

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

Enclosure

cc: USBM (2)
Reg. Finance Officer w/encl.
Kiilsgaard

cal 11-17

RECEIVED
NOV 19 1952
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

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

1201 North Division Street
Spokane 2, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 1 7 1952

November 7, 1952

MEMORANDUM

To: Field Team DMEA, Region II

From: V. Z. Johnson, Mining Engineer, Bureau of Mines

Subject: Inspection of Snoose Mine, Blaine County, Idaho
Contract Idm-E120, Docket No. DMA 211 (zinc)

It was impossible to go underground at the Snoose Mine on October 30, 1952 because of 5 feet of water remaining on the 200 level, following a fire which destroyed portions of surface plant two weeks previous. Compressor, power unit, buildings, and a supply of mine timbers were destroyed. Gallows-frame hoist house, hoist, and sinking hoist were unharmed.

Mr. Harry Pollar and Mr. L. W. Moore stated that the raise driven under DMEA participation near USBM station 24 from the 200 level had advanced about 15 feet; and the southeast drift had been advanced about 34 feet on a vein of pyrite marcasite and quartz.

Messrs. Pollar and Moore presented some proposed conditions relating to unit cost basis of payment which included winzing. The reporter suggested the Operator embody these conditions in a proposal for contract amendment to the Field Team.

V. Z. Johnson

V. Z. Johnson

Orig. & 3 - Wash.
USGS - 2
DMEA
M/D
VZJ/vf

Region II

P. O. Box 492
Albany, Oregon

October 24, 1952

Snooze Mining Company
Hailey, Idaho.

Reference: August MF-104
Contract Ida-E-120

Gentlemen:

In the August MF-104 submitted for payment the following were deleted:

1. All office supply invoices except charges for blue printing, as they are not covered under terms of the contract.

2. Fowler Auto Company for $19.18 and Sawtooth Motor for $4.25. These invoices must show that pieces of equipment were serviced. These may be resubmitted in a subsequent MF-104, if properly identified.

3. Accounting service. Only $100.00 allowable, see memorandum of September 23, 1952.

Very truly yours

W. Milon Lee
Finance Officer

rlh
cc: W/P
Contract
Aug. MF-104
Mech. (2)
Voils (2)

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration

October 17, 1952

Mr. L. W. Moore
Snoose Mining Company
c/o Scherer, Moore & Rife
423 First National Bank Building
Boise, Idaho

Subject: Docket No. DMEA-211 (Zinc), Snoose Mining Company, Blaine County, Idaho, Contract Idm-K120.

Dear Mr. Moore:

Enclosed are several copies of Amendment No. 6 to the Snoose contract for signature by an authorized official of the Snoose Mining Company. This amendment is being forwarded to your office inasmuch as we are advised that Mr. Jensen has recently gone to Arizona and we are not sure whether Mr. Poller, resident engineer, has authority to sign for the Snoose Mining Company. When the amendment has been signed by a company official, please retain one copy and return the original and other copies to this office.

The raise made allowable by the amendment has been discussed both with Mr. Jensen and Mr. Poller, who are in complete agreement.

Sincerely yours,

Thor H. Kiilsgaard
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosures

cc: DMEA (2)
USBM (2)
Kiilsgaard

211

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 27 1952

DMEA(N)

Corbett
Betty

October 16, 1952

MEMORANDUM

To: DMEA Field Team, Region II

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

Subject: Routine inspection, Docket DMA-211 (Zinc), Snoose mine, Blaine County, Idaho, Contract Idm-E120.

I examined the Snoose mine on September 26, 1952, in company with Mr. Harry Pollar, resident engineer for the Snoose Mining Company, who has replaced Mr. Art Jensen as supervisor of the exploration project.

The Northwest heading on the Footwall structure on the 200 level had been advanced 60 feet from the time of my visit in early August. The heading is following what is believed to be the Footwall strand of the Footwall structure. At a point 20 feet northwest of station 216 the drift has been sideswiped on the northeast side to provide room for car switching, and this sideswiped area exposes a 2-foot vein on the south side but which pinches to a stringer before it crosses to the northern wall. A selected sample from this vein assayed 53.6 percent zinc, 4 percent lead, 8 ounces silver, and .06 ounce gold. The vein is believed to be the same mineralized structure that passed into the northeast wall of the drift near station 209. It has not been followed in the drift too far as it is for the most part merely a stringer a few inches in width. Moreover, it is discontinuous and does not present as good a wall to follow as the Footwall strand. It was suggested to the Operator that a few holes be drilled into the northeast wall at intervals to test the possible position of the vein as the heading is advanced to the northwest.

The Southeast heading on the Footwall vein, on the 200 level, had been advanced 105 feet since my visit in August. The objective of this drift is the downward continuation of the zinc ore shoot mined overhead on the Reed tunnel level. The drift is roughly 100 to 150 feet short of reaching the projected location of this ore shoot. With the exception of some galena as drag fragments, no ore had been found in this heading.

In August I discussed with Mr. Jensen the possibility of drifting on the Reed structure on the 200 level as provided for in the contract. Mr. Jensen was agreeable and stated that a heading would be started in this area. During the recent visit I found that two rounds had been driven on what was accepted as the Reed structure but that this work had then been stopped, and instead a drift had been started to the north from the hanging wall side of the Footwall structure. This drift had been advanced 41 feet following a fault striking north and dipping to the west. The fault appears to be a tension fracture extending from the Footwall structure to the Reed structure. As such, it does not appear to warrant exploration, at least at the present time. The drift on this fault would in time intersect the Reed structure to the north, but as the Reed structure already has been intersected it seemed unnecessary to drive another heading which was essentially another crosscut to the Reed structure; consequently, the Operator was informed that further advance of this heading would have to be for company account without Government participation. The Operator was advised to submit vouchers for work done to date on the heading, such vouchers to include costs of one round beyond the 41 foot limit as this round was already drilled. Termination of this heading was also discussed with Mr. Horace Reno, U. S. Bureau of Mines examiner, who was in accord with the agreement.

The Operator requested permission to amend the contract to allow for a raise from the 209 station on the 200 level to the 114 station on the 100 level. He pointed out that the Footwall structure had been mined on the 100 level to a point near the 114 station and that a comparable, although smaller, vein existed on the 209 station. He reasoned that a lenticular ore body might exist between the two levels which warranted exploration. He also pointed out that such a raise would provide better air circulation on the 200 level, circulation that is sorely needed at the present time. I agreed with the Operator and informed him that I would prepare the needed amendment. I also pointed out the need for the raise to Mr. H. F. Keller, DMEA, during his visit to the property. He concurred with the recommendation for the raise.

Diamond drilling to test the Snoose structure below the 200 level was discussed with the Operator, but this proposal was greeted with disfavor. The Operator is determined to sink a winze on the Footwall structure from the 200 level on the strength of present evidence whether the Government agrees to participate or not. He was informed that on the basis of present evidence there is little reason to justify a winze below the 200 level.

Thor H. Kiilsgaard
Geologist

cc: DMEA (4)
USBM (2)
Kiilsgaard

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D. C.~~
Spokane 2, Washington
October 8, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 2 7 1952

MEMORANDUM

To: DMEA Field Team, Region II

From: V. Z. Johnson, Mining Engineer, Bureau of Mines

Subject: Inspection of Snoose Mining Co.'s exploration project, Blaine County, Idaho, Contract Idm-E120, Docket No. DMEA 211 (zinc)

The inspection was made October 1, 1952 with the mine superintendent, H. S. Poller, by T. H. Kiilsgaard and J. Fuller, USGS, and H. T. Reno and V. Z. Johnson, USBM. Mr. Poller seems to be obtaining satisfactory results under circumstances involving wet ravely ground and changing programs.

Mr. Poller accepted the suggestions by Mr. Kiilsgaard and Mr. Reno to stop the north drift along a weak stringer 70-80 feet from the N.E. crosscut on the 200 level. It was agreed to drift southeastward on the NW-SE vein which is cut by the N.E. crosscut at about 130 feet from the shaft.

Mr. Kiilsgaard visited the Snoose mine with H. F. Keller, acting Chief, Base Metals Section, DMEA, and it was deemed feasible for Government participation in raising on an ore zone exposed at a point about 150 feet west of the crosscut in the N.W. drift on the 200 level. Mr. Kiilsgaard intends to start processing an amendment to the contract that will include raising upon his return to Spokane during the second week of October.

Drift timber changes have been started for the raise and it is anticipated there will be features exposed after a few rounds to direct inter-level drifting.

V. Z. Johnson

V. Z. Johnson

Orig. & 3—Wash.
USGS (2)
DMEA
M/D
VZJ

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
N 1201 Division Street
Spokane, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 29 1952

September 25, 1952

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

Dear Mr. Chambers:

Enclosed are two copies of the audit report and three copies of the audit certificate covering Contract Idm E-120 Snoose Mining Company.

The following explination is given with regard to the points raised in your letter of September 9, 1952 on the Snoose Mining Company.

The wages allowed were those approved by the Field Team. The amount to be reclaimed will be the difference between that allowed by the Field Team and the current rates as set up by the Wage increase that was retroactive to July 1, 1952.

It was decided that as there would have to be adjustment of the current bill on the final report that the small overage included on the initial report should wait until the final settlement is made. Adequate notations have been placed on the record to take care of this amount.

Letters dated September 23rd have been sent to both the President and Comptroller of the Snoose Mining Company advising them that as of the 1st. of September, 1952 the amount allowable for bookkeeping services will be reduced from $250.00 to $100.00 a month.

The health of the President of the Company is such that most of the time he is unable to go underground (arthritis) and as he is the man in charge of the operations there is little supervision when he is not around. I brought out this point after consultation with the Field Team and my personal observations.

It is my opinion and that of the Field Team that the statement in the contract that "no repair work shall be charged to the project" does not apply to the equipment that is used, but applies to initial repairs.

I hope that this information is satisfactory.

Am expecting to hear from Mr. Brading in the near future concerning the forthcoming Oberbillig audit. No doubt by now you have received a copy of the Field Team's letter to the Administration dated the 19th. of September.

We have a new employee by the name of Ray Hindman who I am told is to be the certifying officer when his bond goes into effect. However, I was disappointed to learn that he is to be under the Fiscal Officer in Albany (Mr. Lee) and an employee of the Bureau of Mines.

I am leaving in the morning for a swing over to Montana and expedt to close out the various projects that are completed.

Sincerely yours,

Robert M. Hull

Robert M. Hull

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

Jas

No. 157 Howard Street
Spokane 4, Washington

September 25, 1952

DMEA 211

Enoor Mining Company
c/o Sharrer, Moore & Rife
423 First National Bank Building
Boise, Idaho

Subject: Contract Idm-0120

Dear Mr. Jensen:

In a review of monthly Forms MF-104 it has been noted by our Washington office that the sum of $250.00 claimed by you for bookkeeping and accounting appears to be excessive compared to the amounts allowed for this item on other similar DMEA projects. Therefore, as of September 1, 1952, the sum of $100.00 per month will be the maximum that can be allowed for bookkeeping and accounting.

Sincerely yours,

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

cc: USBM (2)
DMEA (2)
W. Rulon Lee
Robert Hull

FILE COPY
SURNAME:

800
Chambers

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

September 9, 1952

Mr. Robert M. Hull
DMEA Auditor
1201 North Division Street
Spokane, Washington

Dear Bob:

Reference is made to your letter of August 28, 1952, transmitting your Audit Report for Contract No. Idm-5120, Snoose Mining Company, Boise, Idaho, and my wire of September 4 in which I stated that the Audit Certificate and Audit Report would be returned to you with a letter of explanation. After reading your report and comparing it with the contract of the Snoose Mining Company, I have a number of points which need further explanation. They are pointed out in the paragraphs below.

In the 2nd paragraph of page 2 of the report you state "One payroll was calculated at rates specified within the contract." Since neither the contract nor any of the amendments specify any rates and the contract states only that "Wages *** shall be allowable as costs only to the extent approved by the Spokane office of DMA", your statement needs further explanation. Therefore it appears your remarks should be changed and extended to indicate the means by which the Spokane office approved the rates.

In the last paragraph of page 3 of the report is the statement "There will have to be a slight adjustment on the final form MF-104 with regard to current." Why shouldn't your audit include the necessary disallowance at this time?

In the first paragraph of page 4 you state "The charges for depreciation *** were checked against the amounts allowable under the terms of the contract." Neither the contract, Exhibit "A", nor the amendments specify the amounts allowable and the contract states only that the "Allowable cost to the project *** shall be the rate of depreciation calculated on replacement cost over a sixty month period" and "only for those months such equipment items are actually used." It appears, therefore, that your report should be clarified and should state specifically that you have verified the reasonableness of the replacement values used by the operator in calculating the depreciation and that the costs charged appear proper.

A further question arises as to the reasonableness and propriety of the charges (apparently $250 per month) for bookkeeping services. This amounts to almost 6% of the costs, which seems exhorbitant.

In paragraph 2, page 1, you apparently give an engineer's appraisal of the competency of the supervision with the conclusion that inefficient supervision raises the project cost. Is this your conclusion or is it the conclusion of the Government engineer?

In the last paragraph on page 2, you state that the operator intends to make a claim for $692 due him for back wages. Since the contract specifies no wage rates, on what basis is the claim to be made?

The contract provides that certain equipment will be provided by the operator on a depreciation basis of a 60-month life span. The contract also provides that no repair work shall be charged to the project, yet up to June 30, $1,178.73 was billed as repair to equipment in addition to $2,585.68 for depreciation. It appears to me that equipment worth 1/60 of its replacement value per month for its use should not need repairs.

I am not passing final judgment upon your audit. You may still come to the same conclusions but I think your report must explain the points which have been raised above. In making this explanation it will be necessary for you to rewrite the report, hence, it is returned to you for this purpose. Please bear in mind that all of our reports may be reviewed by the General Accounting Office; therefore, they must be fully explained in terms of the contract and where the contract can not be justly explained or interpreted to include expenses billed by the operator, such expenses must be disallowed.

Please note that in many paragraphs you refer to payments as being in accordance with the terms of the contract. Unless there are amendments to the contract which have not been sent to the Washington office, such statements appear to be in error.

Sincerely yours,

JN
9-9-52

(Signed) J. L. Chambers

Jay L. Chambers, Chief
Contract Administration and
Audit Division

Attachment

JLChambers/wb
September 9, 1952

Copy to: Mails & Files
Admr. Reading File
Mr. Chambers

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

No. 127 Howard Street
Spokane 4, Washington

September 3, 1952

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

Re: Contract [illegible]-520, Docket [illegible]-211 (Land-Zinc)
The Snowse Mining Company
Amendment No. 1

Dear Mr. Chambers:

Amendment No. 1, dated September 2[illegible], 1952, provides for the purchase of an electric motor-driven pump.

All exploration conducted on the Snowse mine is through the Snowse shaft, the work to date being on the 100 and 200 levels. Inasmuch as only one pump was present on the property, it was felt that should the pump suffer a motor failure or other damage, the shaft and the lower levels could flood before another pump might be obtained. This would be a serious expense to the Operator and to the Government. It was therefore decided to purchase a stand-by pump to be available in the event the operating pump failed.

Sincerely,

Thor [illegible] Hillebrand
For: [illegible] Weisenborn
Executive Officer, [illegible]
Field Team, Region [illegible]

cc: [illegible], Spokane (2)
[illegible], Albany

FILE COPY
SURNAME:

Chambers

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

D.M.E.A.

Jay L. Chambers
3461 2612

14X3923.970 Working Fund, DMEA
September 4, 1952

Mr. Robert H. Hull, c/o Mr. A. E. Weissenborn, South 157 Howard Street,
Spokane 8, Washington

Admin 211

Re Contract E-120, Snoose Mining Company. Do not file certificate and audit report with finance officer. Recover copy if one has been given to operator. Letter follows.

JH. 9-4-52

Jay L. Chambers, Chief
Contract Administration and
Audit Division

JLChambers/ama
September 4, 1952

Copy to: Mails and Files
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

September 3, 1952

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

Re: Contract E-120, Docket DMA-211
The Snoose Mining Company
Amendment No. 1

Dear Mr. Chambers:

Amendment No. 1, dated September 24, 1951, provides for the purchase of an electric motor-driven pump.

All exploration conducted at the Snoose mine is through the Snoose shaft; the work to date being on the 100 and 200 levels. Inasmuch as only one pump was present on the property, it was felt that should the pump suffer a motor failure or other damage, the shaft and the lower levels could flood before another pump might be obtained. This would be a serious expense to the Operator and to the Government. It was therefore decided to purchase a stand-by pump to be available in the event the operating pump failed.

Sincerely,

Thor H. Kiilsgaard

Thor H. Kiilsgaard
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

cc: USBM, Spokane (2)
USBM, Albany

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
1201 N. Division St.
Spokane 2, Wash.
July 23, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
JUL 28 1952

Mr. L. W. Moore
Snoose Mining Company
423 First National Bank Bldg.
Boise, Idaho

Subject: Supervision of Exploration Project,
Contract Idm-120 DMEA 211

Dear Mr. Moore:

This letter in regard to Mr. Jensen is directed to you inasmuch as you may wish to bring it to the attention of the directors of the Snoose Mining Company.

For some time Mr. Jensen's health has been a matter of concern to the Field Team, especially insofar as it affects progress on the subject DMEA contract. Our examining engineer reports that Mr. Jensen has declined considerably in the past year and that he has admitted incapacitation by damp weather or exposure to wet conditions. As the Snoose mine workings are comparatively wet, underground duties there have aggravated his condition and with further exposure may more seriously impair his health.

While we consider Mr. Jensen a competent operator and we realize that he is working to the extent of his physical ability, it is evident that the project is not being properly supervised. This is reflected in the excessively higher units costs for work done thus far as compared to costs at other active DMEA projects.

In the interest of Mr. Jensen's health and the most effective completion of the DMEA contract, the Field Team suggests that a competent supervisor be employed to assume at least part of the supervision duties.

By DMEA Field Team, Region II

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

M. E. Volin, Member
(U. S. Bureau of Mines)

cc: 2 DMEA, Wash.
USGS
Albany

M. E. Volin, Member, DMEA Field Team, Reg. II June 23, 1952

T. E. Howard, Mining Engineer, Bureau of Mines

Snoose Mining Company, Docket No. DMEA 211 (zinc), Contract Idm-E120, additional funds requested for snow removal and mine rehabilitation.

The subject contract was amended February 15, 1952, to allow a maximum of $1000.00 for snow removal and pumping out and rehabilitating the mine workings after the winter shutdown. In a letter dated May 17, 1952, the Operator stated that the cost of this operation had exceeded the estimated cost and requested that an additional $1,456.86 be allotted for this purpose.

The original estimate was made by Mr. Jensen, mine manager, and the amendment was discussed with him during a visit to Hailey, Idaho, made during the latter part of January, a short time after heavy snows and a power failure had forced the shutdown. I visited the mine on April 22, 1952, immediately after the pumping out had been completed and the 200 level workings appeared to be in good condition. No caving had occurred and only a very minor amount of cleanup was necessary. At that time Mr. Jensen stated that he thought $1000.00 would cover the cost. He mentioned no unusual difficulties that had been encountered.

The Operator's monthly operating report for April 1952 shows the actual expenditure to have been $2,456.86, the greater part of which was labor. Over $800.00 was spent for labor before pumping was commenced. Though I was unable to visit the property before rehabilitation was started and therefore cannot accurately estimate the amount of work that was necessary, this expenditure appears excessive. It is recommended that the Operator be required to further justify this high cost before an amendment to the contract to allot additional funds for this purpose is considered.

It is further noted that funds already spent for initial rehabilitation of the mine workings, plus the $1000.00 presently allotted for this operation, have reduced the amount available for actual exploration work by $5,442.00. In addition, unit costs for the crosscutting and drifting accomplished thus far have greatly exceeded the estimated costs. To the end of April, 410 feet of drift and crosscut had been driven at an average cost of over $60.00 per foot.

Factors which have contributed to this high cost are:

1. Higher wages than originally anticipated.
2. Rising supply costs.
3. Inadequate supply of competent labor.

In addition, the operation itself is sub-standard. Muck is hand trammed from each face to the 200-foot vertical shaft, containing one hoisting compartment, where the car is hoisted on a cage to the surface and trammed about 150 feet to the dump. When the crew is short the hoistman does the surface tramming. Empty cars are switched at the station and hand-trammed to the working face. The operation could be improved somewhat by using a horse or locomotive for underground tramming. However, this method of muck disposal is slow at best and it is extremely doubtful that costs can be reduced to approach $35.00 per foot as originally estimated. To cut a skip pocket, install a skip and build a new headframe, all of which would be required for an efficient operation, would cost more than is justified at the present time.

Therefore, it is evident that all of the work specified under the contract cannot be completed with the funds presently available and that any amount allotted for rehabilitation will further reduce the amount of actual exploration that can be done.

T. E. Howard

cc: USGS (2)
Wash.,D.C. (2)
TEH

M. E. Volin, Member, DMEA Field Team, Reg. II June 20, 1952

T. E. Howard, Mining Engineer, Bureau of Mines

Routine inspection, Snoose Mining Co.'s exploration project, Contract Idm-E120, Docket No. DMEA 211, Blaine County, Idaho

The subject inspection was made May 26, 1952, with the mine foreman. Mr. Jensen, mine manager, was too ill to accompany me. He has been troubled by a pulmonary disorder, possibly silicosis, for some time and the severe winter greatly aggravated his condition. In damp weather he is practically incapacitated. He stated his present severe attack was caused by getting wet about a week previously. He had not been able to visit the project for at least four or five days. As the Snoose mine workings are comparatively wet, his health demands that he spend very little time underground.

In the interest of Mr. Jensen's health and so that the project may be properly supervised, it is recommended that the Field Team request the Operator to employ an engineer or supervisor to assume at least a part of his duties.

Work was in progress in both the east and west 200 level footwall drifts. The east drift had been advanced 50 feet to a total length of 241 feet since my last inspection on April 22, 1952. The entire advance required timber and 10 sets were installed. About 25 feet of the advance was in zinc ore from 8 inches to 3 feet wide. The ore pinched out about 12 feet back of the face. The west drift had been advanced 72 feet to a total length of 110 feet, all timbered. At 55 feet the drift was turned south to follow a narrow stringer of quartz. No mineralization was encountered. The Operator stated that he intended to abandon this heading and extend the main crosscut to make sure the Snoose structure is completely penetrated.

The Operator has had the shaft plumbed and a transit survey made of the 100 and 200 levels. Corrected maps will be submitted with his next monthly report.

T. E. Howard

Orig. to files
cc: USGS (2)
Wash. (2)
TEH

File

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 7 1952

M. E. Volin, Member, DMEA Field Team, Region II May 7, 1952

T. E. Howard, Mining Engineer, Mining Division, Region II

Routine Inspection, Contract Idm-E215, Docket No. 211 (Zinc)
Snoose Mine, Blaine County, Idaho.

The subject inspection was made April 22, 1952 in company with Art Jensen, local manager and president of the company.

The mine access road had been plowed out and pumping out of the mine workings had just been completed. Work in progress consisted of clean-up of the 200 level in preparation for resuming operations under the contract. The Operator intended to start work in the West footwall drift on the 200 level on April 23, 1952.

The total length of the West drift was 191 feet on the date of the inspection. It is timbered for its full length. The East footwall drift has been turned off from the 200 level north crosscut and was 21 feet long. It also is completely timbered. Neither drift has exposed commercial ore.

The Operator requested that the contract be amended to allow the purchase of a reverse feed stoper and a jackhammer and jackleg rather than the two drifters specified. The ground is easily drilled and drilling time can be shortened by the use of either of these machines. Their first cost is less so it would appear that such an amendment is reasonable and to the advantage of the Government. A tentative amendment was prepared at the time of the inspection and was signed by the Operator.

T. E. Howard

Orig. to files
cc: U. S. G. S.
2 Washington
TEH

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

No. 157 Howard Street
Spokane 4, Washington

March 4, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 7 1952

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

Dear Sir:

Enclosed please find signed copies of an approval to a subcontract to Exploration Project Contract DMEA-247, American Alloy Metals, Inc. The approval concerns a building program, which is described in the approved agreement.

Mr Lefridge still have this case 3/11

Also enclosed are the original and two signed copies of Amendment No. 4, the Snowstorm mine, Blaine County, Idaho, exploration project Contract DMEA-220. The amendment allows funds for snow removal, and for repairing and rehabilitating the shaft and mine workings which were damaged as the result of unusual winter snow conditions. It also allows for certain changes in the exploration program on the 100 and 200 levels of the Snowstorm mine. The amendment is believed to be in the interest and benefit of the government and has been signed by Executive Officer, DMEA, Field Team, Region II.

Very truly yours,

Thor L. Kiltsgaard
for: A. L. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosures.

La

FILE COPY
SURNAME:

400

Moreds
Smith
Lebert
Weissenborn

A. E.

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

Mr. A. E. Weissenborn
Executive Officer, Region II
Defense Minerals Administration
South 157 Howard Street
Spokane 8, Washington

OCT 19 1951

Re: Docket No. DMA 211X
Contract Idm-E120
Snoose Mining Company

Dear Mr. Weissenborn:

We refer to the memorandum dated October 8, 1951 from your office relative to the increase of the subject contract by $4,000 to cover shaft rehabilitation and equipment installation.

The amount of the contract, $135,000, was taken from the recommendation of the field team which listed the items as:

2,650 feet of crosscutting and drifting @ $35	$ 92,750
Sinking 400 feet of winze @ $75	30,000
Additional equipment	12,250
	$135,000

This amount is confirmed by a letter from Mr. A. M. Jensen to the Lead-Zinc Committee under the date of May 21, 1951 which states that the main object can be reached for the amount of $135,000.

In setting up the program on a Step basis, Step I consists of installing the pump and the hoist and rehabilitating the shaft. The amount for this step was the $12,250 listed for equipment. This amount, as you state, does not include the labor cost which was not segregated in the cost breakdown provided by the operator.

As the contract has been approved in the total amount of $135,000 by the Government and the operator, it is suggested that consideration be given to the inclusion of the costs of labor, equipment rental, and supplies required for Step I within the present total amount of the contract by an amendment executed by your office and the operator. The per foot costs and the total cost of the work in Steps 2-5 inclusive can be adjusted to compensate for the increased cost of Step I.

If an amendment will cover the situation, the change will be greatly simplified; if, however, this is not feasible, advise and a supplement to the contract will be prepared and sent to you to obtain the approval of the operator.

Sincerely yours,

C. O. Mittendorf (for)

C. O. Mittendorf, Director
Production Expansion Division

8710-19

APPROVED:

Chairman, Coordinating Committee

Member, Bureau of Mines

Member, Geological Survey

DEMoulds/meh
10/16/51
cc to: Reports and Records
Adm. Reading File
Messrs. Mittendorf, Olund
Mr. Moulds
Mr. Moon
Mr. Billings
Region II
Mr. McKnight
Mr. Mote
Docket

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.
OCT 15 10 55 AM '51

1201 N. Division St.
Spokane 2, Wash.
October 8, 1951

MEMORANDUM

To: C. O. Mittendorf, Director, Production Expansion Division, Defense Minerals Administration

From: DMA Field Team, Region II

Subject: Exploration contract Idm-E120, Docket 211, Snoose Mining Co., Inc., Boise, Idaho

Reference is made to Exhibit "A", Step 1, of the subject active contract. Attention is directed to the fact that this step calls for pump and hoist installations at the Snoose shaft, shaft rehabilitation to the 200 level, and the acquisition of equipment in the amount of $12,250.00.

Apparently through oversight, no allowance was made for labor costs connected with equipment installation and shaft rehabilitation. The Operator has proceeded with the exploration campaign and shortly will submit an initial invoice.

Inasmuch as the contract was not prepared in Region II it is believed that an appropriate modification increasing the estimated total cost of the project by $4,000 may be executed at Washington. This additional amount required may be broken down as follows:

Wages and salaries	$3,000
Equipment rental	250
Supplies	750
Total	$4,000

By Field Team, Region II

M. E. Volin, Acting Exec. Officer
(U. S. Bureau of Mines)

Thor Kiilsgaard
For: A. E. Weissenborn
(U. S. Geological Survey)

FILE COPY
SURNAME:

Mittendorf (2M)
400

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

SEP 14 1951

Contract Service Section
General Accounting Office
Washington 25, D. C.

Re: Docket DMA 211
Exploration Project Contract
Idm-E120
Snoose Mining Company
Boise, Idaho

Gentlemen:

Enclosed for recording in your office is the original, signed copy of an Exploration Project Contract executed between the operator named in the above reference and the Government of the United States.

Sincerely yours,

C. O. Mittendorf

C. O. Mittendorf, Director
Production Expansion Division

Enclosure-1

DEMoulds/bjs
9/11/51
cc to: Adm. Reading File
Reports & Records
Mr. Mittendorf, Mr. Olund
Mr. Moulds
Docket

DEPARTMENT OF THE INTERIOR
RECEIVED
SEP 1 0 1951
Defense Minerals Administration,
Production Expansion Division.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane 4, Washington

September 5, 1951

Mr. Howard
DSM

Mr. C. O. Mittendorf
Director
Production Expansion Division
Defense Minerals Administration
U. S. Geological Survey
Department of Interior
Washington 25, D.C.

Dear Mr. Mittendorf:

Enclosed are the original and three copies of the contract for the Snoose Mining Company (DMA 211) signed by the contractor. One copy has been given to the contractor and one copy is being retained here.

Sincerely yours,

A E Weissenborn

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

Enclosures

cc: U.S. Bur. Mines-Spokane

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D.C.
SEP 10 10 22 AM '51

FILE COPY
SURNAME:

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

Mr. Mittendorf

AIR MAIL

AUG 24 1951

Mr. A. E. Meissenborn
Executive Officer, Region II
South 157 Howard Street
Spokane 8, Washington

Re: Docket No. DMA-211, Lead-Zinc
Snoose Mining Company
Boise, Idaho

Dear Mr. Meissenborn:

Please find herewith six copies of contract for subject exploration. As you will note the contract has been revised in form and text from the contract signed and forwarded by the operator. The maximum amount of the contract remains the same, however.

The contract has been signed for the Government by this office and bears register number and effective date as shown.

The contract is to be signed by a duly authorized officer of the company in the presence of yourself or member of the DMA staff without any changes to its contents. If any provisions are unsatisfactory to the operator, the contract must be returned to this office for re-execution.

After signing the contract, one copy is to be given to the operator and one copy retained for your files. The remaining copies including the original are to be returned to this office.

The copy required by the Regional Finance Office will be forwarded directly by the Washington Finance Section.

Sincerely yours,

C. O. Mittendorf

C. O. Mittendorf, Director
Production Expansion Division

Enclosures

DEMoulds/jem
8-21-51

J.F. 8/24

cc to: Adm. Reading File
Reports & Records
Messrs: Mittendorf-Olund
Billings
Mote
McKnight
Moulds
Field Team-Reg. II
Docket

Approved:
Tom Lyon

Chairman, Coordinating Committee

Member, Bureau of Mines
Ralf N. Rove

Member, Geological Survey

FILE COPY
SURNAME:

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

August 20, 1951

Memorandum

To: Director, Production Expansion Division

From: Acting General Counsel

Subject: The Snoose Mining Company exploration contract -- Docket No. DMA-211

The contract in the captioned case is approved as to legal form and sufficiency subject to:

1. The addition of the following clause at the end of the second sentence of Exhibit "A;" "and upon prior Government approval."

2. The addition of a statement that no fixtures and improvements and no rehabilitation and repairs are to be charged as costs of the project.

3. Proper signature by the prospective operator.

4. Dating of the contract as of the day of delivery to the prospective operator and insertion of the date in the subordination agreement.

Your file is returned herewith.

J. L. Hofflund

John G. Liebert, Acting for
J. L. Hofflund, General Counsel

Attachment

RRGuthrie/ema

Copy to: R. R. Guthrie
J. L. Hofflund
Reports & Record Unit
Chron.

MINE OFFICE

P. O. BOX 67
HAILEY, IDAHO
TELEPHONE 140

Snoose Mining Company

COMPTROLLERS OFFICE

423 FIRST NAT'L BANK BLDG.
BOISE, IDAHO
TELEPHONE 6911

August 8, 1951

Re: Docket DMA-211

Defense Minerals Administration
Washington 25, D. C.

ATTENTION: Mr. D. E. Moulds, Production Expeditor's Office

Dear Mr. Moulds:

We are enclosing herewith Form MF-200 Exploration Project Contract together with various exhibits and maps; also Mortgagor's Subordination Agreement from Fred E. Povey and Johanna Povey. The Reconstruction Finance Loan has been settled in full so that this should place our contract in order for processing.

We shall appreciate your processing this at as early a date as possible so that we may be able to utilize as much good weather as we will have the balance of this season.

Very truly yours,

SNOOSE MINING COMPANY

L. W. Moore

LWM:bt
Encl.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 10 1951

FILE COPY
SURNAME:

Lyn
Ron
Moon

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

July 13, 1951

Hon. Hamer H. Budge
House of Representatives
Washington, D. C.

My dear Mr. Budge:

There is transmitted herewith a letter of July 6, addressed to you by A. E. Weissenborn, Executive Officer of the Defense Minerals Administration Field Team, Region II, Spokane, Washington, which is self explanatory. This letter is replying to your letter to Mr. Weissenborn of July 3, requesting information on DMA Docket 211, Snoose Mine.

Sincerely yours,

SIGNED BJ 7-20-51

Acting Administrator

Enclosure

GKCadem

cc - Mr. Weissenborn
Coordinating Committee
Mr. Strobel's Office
Files

Checked with Mattendorf's office 7-18-51 Subordination agreement not received
E. Hatfield

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 4, Washington

July 6, 1951

Air Mail

The Honorable Hamer H. Budge
Congress of the United States
House of Representatives
Washington 25, D. C.

Dear Sir:

In reply to your letter of July 3, the Snoose mine (docket DMA 211) was visited by a Bureau of Mines-Geological Survey team from this office early in April as soon as snow conditions permitted an examination. Inasmuch as ore reserves at the Snoose mine are at present very small, the applicant was advised that in our opinion he would not be able to qualify for a DMA production loan, but he was encouraged to apply for an exploration contract. The Field Team assisted him in working out an exploration proposal and in filling out the proper application blank. We also assisted him in preparing the various exhibits which form part of the exploration contract.

The claim on which most of the work is planned is held by the applicant under lease with option to buy and therefore a landlord's subordination agreement is required. Unfortunately, the applicant has had difficulty in obtaining this. We learned last week that the applicant now believes that he will now be able to obtain the subordination agreement and we have advised him as soon as he has the subordination agreement to submit the contract, which presumably is already for processing, directly to the DMA in Washington in order to save time. We have heard nothing further but are hopeful that he has already sent the contract to Washington, or will soon do so.

I appreciate your interest in this matter.

Sincerely yours,

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

cc: L.F. Strobel
Tom Lyon

Air Mail

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 4, Washington

July 6, 1951

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 9 - 1951
LANDON F. STROBEL
Executive Secretary

Mr. Tom Lyon
Chief, Supply Division
Defense Minerals Administration
Washington 25, D. C.

Dear Mr. Lyon:

I am enclosing a copy of a letter from Congressman Budge relative to the Snoose mine (DMA 211). Also attached are the original and two copies of my reply. If this is satisfactory, will you please forward the letter to the Congressman?

Sincerely,

A. E. Weissenborn

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

Enclosures

C O P Y

CONGRESS OF THE UNITED STATES
House of Representatives
Washington, D. C.

July 3, 1951

Mr. A. E. Weissenborn
157 Howard Street
South Spokane, Washington

Dear Mr. Weissenborn:

In February of this year I was advised by the Bureau of Mines office here in Washington that an application by the Snoose Mine at Hailey, Idaho, Docket No. 211, had been referred to Region 2 for an on-the-ground investigation.

I would appreciate your advising me the status of this application.

Very truly yours,

Hamer H. Budget, M. C.

FILE COPY
SURNAME:

DEM

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

June 8, 1951

Memorandum

To: Mr. C. O. Mittendorf, Director, Production Expan. Div.

From: Mr. D. E. Moulds

Subject: Docket No. DMA-211
Success Mining Company
Mailey, Idaho

The above company presented an application for a production-development loan under date of December 20, 1950. The subject property was subsequently examined by the Field Team of Region II and their recommendation under date of May 15, 1951 was denial of the loan and granting of exploration project assistance in the amount of $135,000 with 50% Government participation.

The Supply Division concurred with the Field Team recommendation and forwarded the Docket to the Production Expansion Division under date of May 28, 1951 and processing was begun on June 4, 1951.

Preliminary examination of the application indicated that subordination agreements would be required as part of the property involved was held under lease and option and liens against the company on future production were held by R.F.C. and Combined Metals Reduction Company. The maps and necessary data for the exhibits required to accompany the Exploration Project Contract were not furnished nor completely obtainable from the application and Field Team report.

In view of the several requirements to complete the contract and in order to expedite this phase of the work, Mr. A. M. Jensen, President of the company, was contacted by phone and the requirements outlined to him. He was also advised of the availability of the various forms and allied information at the DMA Regional Office II.

In order to acquaint Mr. A. E. Weissenborn, Executive Officer, Region II, of the action taken, the attached letter is proposed.

DEMoulds/GMcC
cc: Files
Administrator's Reading File, Mr. Strobel, Mr. Herres, Mr. Moulds,
Mr. Moon
Mr. McKnight
Mr. Mittendorf-Mr. Olund
Chron. File

cc: Field Team,
Region II

FILE COPY
~~SURNAME:~~

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

Mittendorf

Mailed 6/11/51

June 8, 1951

Mr. A. E. Weissenborn
Executive Officer
Field Team, Region II
Defense Minerals Administration
South 151 Howard Street
Spokane, Washington

Re: Docket No. DMA-211
Success Mining Company
Kellogg, Idaho

Dear Mr. Weissenborn:

The subject docket was received by the Production Expansion Division on June 4, 1951 with recommendation of the Supply Division and your Field Team for exploration project assistance in the amount of $135,000 with 50% participation by the Government.

Preliminary examination of the Docket indicated that to complete the contract in the required form would require subordination agreements from the owner of part of the property, Mr. Fred Povey, and from the R.F.C. and Combined Metals Reduction Company, holders of outstanding liens against future production. Also, information and data sufficient to draw up the exhibits to accompany the contract were not available.

In an effort to relieve your office of additional work and to expedite action and receipt of the data, Mr. A. M. Jensen, President, was contacted by phone and the requirements outlined to him. He was also advised of the availability of the various forms and allied information at your office.

We trust that this action meets your approval in the effort to expedite these exploration project assistance contracts.

Sincerely yours,

C. O. Mittendorf

C. O. Mittendorf, Director
Production Expansion Division

DMA-211

856

APPROVED:

Tom Lyon JUN 1 1 1951

Chairman, Coordinating Committee

Lowell B. Moon

Member, Bureau of Mines

Olaf N. Rove

Member, Geological Survey

DEMoulds/GMcC
cc: Files
Adm. Reading File
Mr. Strobel
Mr. Herres
Mr. Moulds
Mr. Moon
Mr. McKnight
Mr. Mittendorf-Mr. Olund
Chron. File

FILE COPY
SURNAME:

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

Lyons
McKnight
Weissenborn
Series

May 28, 1951

Memorandum

Re: Docket DMA-211

To: Director, Production Expansion Division

From: Director, Supply Division

Subject: Recommendation for approval of an application (DMA-211) for an exploration loan submitted by the Snoose Mining Company Hailey, Idaho

Attached herewith is the application and supporting data submitted by the Snoose Mining Company of Hailey, Idaho, for an exploration loan together with the report and recommendations of the field team of the Defense Minerals Administration.

The field team recommends that both the original request for an exploration-production loan of $495,737.90 as well as a later request for an exploration loan of $175,000, evidently submitted to the field team, be denied. The field team does recommend, however, approval of an exploration program having a total cost of $135,000 as presented in their report. The applicant in a letter of May 21, agrees with this program and indicates his willingness to participate on a matching basis.

All necessary information required to complete the contract is contained in the attached application and DMA field report.

The Lead-Zinc Branch concurs with the recommendation of the field team.

Tom Lyon

Tom Lyon, Director
Supply Division

EJLyons:emp
G 5/28/51

Copies to: A. E. Weissenborn
Region II (2)
Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
L. B. Moon
R. H. Mote
L. F. Strobel
Tom Lyon

Directors reading file 4214 GSA
Br. reading file 4214 GSA
Files

Mr. Hewes

MINE OFFICE

P. O. BOX 67
HAILEY, IDAHO
TELEPHONE 140

1998

Snoose Mining Company

COMPTROLLERS OFFICE

423 FIRST NAT'L BANK BLDG.
BOISE, IDAHO
TELEPHONE 6911

May 2I, I95I

Air Mail
Registered Mail

Re D M A Docket 2II

Lead-Zinc Committee
Defense Minerals Administration
Department of Interior
Washington 25, D. C.

Gentlemen:

Regarding Mr. Thor H. Kiilsgaard's letter of May I6, I95I, of the Executive Office, D M A Field Team, Region II, copy of which was mailed to your office:

We are in accord with Mr. Kiilsgaard's suggestion that our main objective can be reached for the ammount set up in his report. Therefore, the Snoose Mining Company requests a loan in the ammount of $I35,000.00 on a matching basis to take care of the work as outlined by him. We believe that commercial ore can be reached by this work, and that the mine will in all probability be able to carry its own way from there on.

It is our understanding that the machines and equipment already at the mine will be set up and credited to us on a rental basis.

We are very anxious to get started on this development program, especially to take advantage of the summer months. So anything that can be done to speed it will be appreciated by

Yours very truly,

Snoose Mining Company

By: A. M. Fenner President

cc: Thor H. Kiilsgaard

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 24 1951
LANDON F. STROBEL
Executive Secretary

MAY 24 1951

Mr. Herrel

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 8, Washington

May 16, 1951

Mr. A. M. Jensen
Hailey, Idaho

Dear Mr. Jensen:

This is to advise that our report on the Snoose mine has been forwarded to Washington, D. C., for further consideration. I might add that we considered this property as favorable for exploration.

We did, however, recommend some changes in the cost and extent of the exploration program. As I recall, you favored an exploration loan, the total sum of which was to be $175,000 and which was to be spent following the outline advocated on page 5 of your original application. We pared this figure down to $135,000, which was to be spent as follows:

1. 150 feet of crosscutting on the 200 level to explore the Reed lode.

2. 1,000 feet of drifting on the 100 and 200 levels.

3. A maximum of 400 feet of winze to be sunk from the 200 level on the structure to explore the intersection of the Snoose structures and the limestone beds. We modified the sinking program somewhat to allow for continued sinking of the present shaft, if such should prove more favorable. We do feel, however, that inasmuch as the dip of the structure varies, as probably does the dip of the limestone beds, that sinking on the structure would prove more informative than would crosscutting from a level off the present shaft.

4. 1,500 feet of crosscutting and drifting on the intersection of the Snoose structures and limestone beds.

The estimated cost of this program is:

2,650 feet of crosscutting and drifting at $35 per foot.	$92,750.
400 feet of winze at $75 per foot.	30,000.
Additional equipment	12,250.
Total	$135,000

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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MAY 22 1951
LANDON F. STROBEL
Executive Secretary

It is our opinion that the above described work should adequately explore the target area. If commercial ore bodies are found by this work, perhaps the mine can become self-sustaining, or other arrangements may be made toward financing additional operations.

If you favor the above outlined program as prescribed by the DMA Field Team, I would advise that you write the Defense Minerals Administration, Washington, D. C., and state that you are in agreement and that the Shoose Mining Company will be willing to enter into a matching-sum exploration program. The address is:

Lead-Zinc Committee
Defense Minerals Administration
Department of Interior
Washington 25, D. C.

You should also refer to your property as DMA Docket 211.

A letter of this type, written by you, will unquestionably speed up action on your application and save unnecessary delay. If your application is approved, we can no doubt iron out the fine points of the proposed exploration program at a later date.

Hoping this action meets with your approval.

Very truly yours,

Thor H. Kiilsgaard
For: A. E. Weissenborn
Executive Officer, DMA
Field Team, Region II

cc: Lead-Zinc Branch, DMA
Washington, D. C.
U.S.B.M.

TK:tc

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane 8, Washington

May 15, 1951

Memorandum

To: Lead-Zinc Committee, Defense Minerals Administration, Washington 25, D. C.

From: Field Team, Region II

Subject: Snoose Mining Company, DMA Docket 211

The report transmitted herewith recommends an expenditure of $135,000 for an exploration program on the subject company's property to investigate the downward projection of the Snoose structures to their possible intersection with favorable limestone horizon.

The Field Team recommends that the applicant be invited to participate in this program on a matching fund basis.

By Field Team, Region II

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

M. E. Volin, Associate Officer
(U. S. Bureau of Mines)

cc: U.S.B.M. Albany
U.S.B.M. Spokane

Enclosures

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 21 1951
LANDON F. STROBEL
Executive Secretary

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane 8, Washington

May 15, 1951

Mr. Landon F. Strobel
Executive Secretary
Defense Minerals Administration
Department of Interior
Washington 25, D. C.

Dear Mr. Strobel:

Enclosed is a report from the Field Team, Region II giving cover to a memo from E. A. Magill and Thomas Howard of the Bureau of Mines and Thor H. Kiilsgaard and James Quinlan of the Geological Survey with reference to the application of the Snoose Mining Company, DMA Docket 211. Also included is the original docket material. Will you please forward the above to the Lead-Zinc Branch.

Sincerely yours,

A. E. Weissenborn

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

Enclosures

cc: U.S.B.M.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 2 1 1951
LANDON F. STROBEL
Executive Secretary

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

DMA Examination Team Report on the application of the Snoose Mining Company, DMA Docket 211

by

Elwin A. Magill and Thomas Howard, USBM, and
Thor Kiilsgaard and James Quinlan, USGS

ON-SITE RPT.

RECOMMENDATIONS

The DMA Examination Team recommends that the application of the Snoose Mining Co. for an exploration-production loan of $493,737.90 be denied.

It is recommended that an exploration program, the total sum of which is to be $135,000, be entered into with the applicant on a matching sum basis.

APPLICANT

The applicant is the Snoose Mining Co.; the president and general manager is A. M. Jensen of Hailey, Idaho.

LOCATION OF DEPOSIT

The property is located 2-1/2 miles southwest of Hailey, Idaho, in Colorado Gulch. It consists of 14 unpatented claims in secs. 21 and 28, T. 2 N., R. 18 E., B. m., in the Mineral Hill mining district, Blaine County, Idaho.

OWNERSHIP

The Snoose Mining Co. is a corporation chartered under the laws of the State of Idaho, May 24, 1945, with a capitalization of 2,000,000 shares of non-assessable common stock authorized, par value 25 cents per share. There have been issued 1,776,209 shares.

The applicant states that five of the claims were located by the company, and five were purchased by the company for 90,000 shares of Snoose treasury stock at 25 cents per share par value. Mr. Jensen states that the other four claims were purchased for $30,000 from Fred Povey of Hailey, Idaho, who relocated them upon the death of L. A. Dithmer, the original locator. They are to be paid for on a royalty basis at 10 percent of the net smelter returns.

Obligations of the company are an RFC loan in the amount of $11,765 which may be repaid from shipments, and a loan from Combined Metals Reduction Co. of approximately $28,500, repayable at the rate of $1 per ton of ore shipped.

HISTORY AND PAST PRODUCTION

The original discovery of the Snoose mine was made in 1879 by L. A. Dithmer. He worked the property intermittently until his death in the late twenties. It was taken over by A. M. Jensen and Harry J. Stevens in June 1943. The present company was organized in May 1945 to take over the partnership of Jensen and Stevens.

From 1944 to December 1950 there was shipped from the property 4,416 tons of ore which contained 181 ounces of gold, 16,997 ounces of silver, 16,398 pounds of copper, 192,478 pounds of lead, and 445,766 pounds of zinc. The average grade was 0.04 ounces gold, 3.9 ounces silver, 0.185 percent copper, 1.95 percent lead, and 5.04 percent zinc per ton.

A small tonnage of lead-silver ore was shipped from the mine in early days, but production records of the mine for this period are not available.

DESCRIPTION OF PROPOSAL

The applicant was informed of changes in the DMA policy toward granting loans and now wishes to enter into an exploration contract with the DMA, the total sum of which is to be $175,000. Of this amount, the applicant proposes to furnish $87,500, or 50 percent. The $175,000 exploration program would be carried out along the lines set forth in the original application (see page 5 of original application dated December 20, 1950).

Geologic Setting of the Deposit

The Snoose mine is in the Milligen formation (Mississippian in age). The sedimentary rocks exposed in the underground workings are uniformly fine-grained, and they range in composition from limestones through calcareous argillites to siliceous argillites. The beds are predominantly black and carbonaceous with occasional lighter limey members. The bedding is much disturbed in the areas adjacent to the shear zones and in many instances is obliterated by shearing. On the surface, in the areas outside the zone of intense shearing, the beds appear to be less disturbed.

A light gray, weathered limestone bed about 70 feet thick outcrops 750 feet northeast of the collar of the shaft. It strikes N. 57° W. and dips 40° SW. toward the mine workings. This limestone bed should intersect the Snoose structures somewhere below the 200 level of the mine. According to Anderson's map in Idaho Bureau of Mines and Geology Pamphlet 90, the limestone bed is ended several hundred yards north of the Snoose mine by a prominent transverse fault, and to the south the limestone is markedly offset by another fault.

Three zones of mineralization have been described in the Snoose mine. This report is concerned with two, the Reed lode and the footwall lode. The third mineralized zone, reputedly related to the Croesus structures to the northwest in Scorpian Gulch, is reportedly cut in the shaft between the 100 and 200 levels. This could not be confirmed inasmuch as the shaft was flooded at the time of the Examination Team's visit.

The Reed lode is developed by the No. 1 tunnel (Reed tunnel), No. 2 tunnel, and the No. 3 tunnel. The lode is a complex network of interlacing slips and shears, the total width of which ranges from 40 to 50 feet. The walls of the sheared structure are controlled by various members of the interlacing system which locally show many changes in attitude. The general trend of the lode is N. 30°-70° W., and the dip is from 35°-55° NE. The shear zone consists of badly crushed and broken argillaceous sediments with an occasional lens of crushed and altered dike material. Stringers and lenticular pods of calcite, pyrite, and minor amounts of quartz are often found in the sheared zone. These are occasionally associated with sphalerite and lesser amounts of galena. Production from the mine has come from such lenticular bodies. A 10- to 15-foot lens of this type is intersected by the 40-foot raise adjacent to the stope above the No. 3 tunnel. These lenticular bodies appear to be controlled by interlacing shears within the major shear system.

Two members of the footwall lode system are cut near the shaft in a drainage tunnel 19 feet below the shaft collar. The member nearest

the shaft strikes N. 60° W. and dips 64° NE. A small lens of ore has been mined from this structure. Thirty-two feet to the southwest the second structure crosses the tunnel, and it has a parallel strike but dips 57° NE. These two members are reportedly intersected on the 100 level, one 10 feet northeast of the shaft and the other 75 feet northeast of the shaft. On the 200 level the northeast crosscut went 190 feet before encountering a mineralized zone. The intersection of the footwall structures on the 100 level and the 200 level indicates a decided flattening in dip of these footwall members. The intersections and apparent flattening in dip also suggest that the footwall lode system may be splits from the stronger Reed lode shear zone. Such a conclusion is further emphasized by the fact that the footwall lode structures were not encountered in the footwall crosscut driven from the No. 3 tunnel. Instead, they appear to merge with the Reed lode shear zone within 50 feet southeast of the No. 1 raise from the No. 3 tunnel. The No. 3 tunnel is in the hanging wall of the Reed shear zone in the vicinity of the raise and does not present an opportunity to examine the intersection with the footwall structures. If the footwall structures and the Reed shear zone merge as outlined above, the intersection would take to the northeast. Such a rake casts doubt on whether the 200 level crosscut has intersected the footwall structures or the Reed lode shear zone. For this reason, further exploration is recommended on the 200 level to crosscut to the northeast for at least 100 feet to determine whether or not the present intersected shear zone is a footwall structure or the Reed lode.

The applicant states that the target for further exploration work is the intersection of the mineralized Snoose structures and the limestone bed 750 feet northeast of the collar of the shaft. A cross section of the applicant's proposed exploration work showing the target area accompanies application form NSRB-146. The Examination Team, in an effort to confirm the proposed target area, plane-tabled the surface and constructed a cross section through the shaft. The cross section suggests changes in dip and also a rake of the intersection of the Snoose structures and casts doubt on the location of the target area as defined by the applicant. It is the opinion of the Examination Team that the applicant should sink from the 200 level on the farthest northeast major shear zone, which should be the Reed lode, until the limestone bed is encountered. Further development should depend upon the findings in this target area.

Mine Workings

The Snoose mine is developed by three tunnels and by a 220-foot vertical shaft from which two levels have been driven (see accompanying geologic map). The 100 level off the shaft intersects and drifts on two structures, presumably members of the footwall lode. Seventy-six railroad cars of ore are reported to have been mined from this level and from stopes above. The 200 level consists of a 190-foot crosscut which reportedly entered the footwall of a strong structure, thought to be the footwall lode. Upon piercing the footwall a large flow of water was encountered that could not be handled with the pumps on hand, and operations on the 200 level ceased. In addition to the aforementioned

development, there are several adits which explore the major shear zones and adjacent wall rock but which are of no value insofar as future mining operations might be concerned.

The three upper tunnels, the No. 1 or Reed tunnel, the No. 2, and the No. 3, explore the broad Reed lode shear zone. The No. 1, or Reed tunnel, intersected an irregular ore shoot which was stoped for about 40 feet along the strike, 15 feet in width, and 15 to 20 feet above the tunnel level.

Two short raises have been driven from the No. 2 tunnel level, the longest about 50 feet off the sill. On the basis of the tunnel and raises, the applicant measures 11,500 tons of ore above the No. 2 level, but this is to be doubted. There is some ore in the workings but not enough to substantiate the above quoted figure.

Two raises have been driven from the No. 3 level. They are about 15 feet apart. The longer raise is up 90 feet, slope distance. A stope has been carried one set high and one set wide above the drift sill for a distance of 48 feet southeast of the 90-foot raise. Ore may be seen in the walls of the raise but is not exposed enough to measure a tonnage.

Aside from a small drainage adit 19 feet below the collar of the shaft, all workings leading from the shaft were flooded at the time of the investigation by the Examination Team (April 30, 1951).

At the time of the Examination Team's visit, the applicant was initiating work leading toward the dewatering and rehabilitating the shaft and the flooded workings leading therefrom.

Ore Reserves

The applicant estimates 653,750 tons of measured, indicated, and inferred ore as remaining in the Snoose mine. The Examination Team cannot agree with these figures. At the present time there is no ore in the mine that can be measured.

The applicant refers to 76 cars of ore shipped from the 100 level and states that ore continued above and below that level; however, these workings are now inaccessible. There is some ore above the No. 2 and No. 3 adits, but further development is required before a tonnage may be estimated. The mineralized structures are broad and extensive; however, the lenticular nature of the ore shoots thus far encountered precludes their projection from one level to another.

To project the structures from the 100 level to the 400 level, which is yet to be driven, and to infer large reserves of bedded ore at the intersection of the mineralized structures with beds of limestone, as the applicant has done, is speculation. Such a vein and limestone bed intersection should be considered as a likely target for exploration, but the occurrence of ore in such a target area remains to be proven.

Mining Method

Part of the production from the Snoose mine has been from exploratory and development work. The small amount of stoping that has been done has been square-setted. The nature of the ground and the dip of the vein indicate that square-sets or stulls will have to be used, depending on the width of the vein. Ore may possibly have to be slushed as the vein appears to flatten with depth.

Mining costs in this district in similar types of ground vary from $7 to $10 per ton.

Milling Method

All ore produced by the present operators has been shipped directly to the United States Smelting and Refining Co. at Salt Lake City, or to the Combined Metals Reduction Co. at Bauer, Utah. As no concentrates were made, no milling costs are available. The ore minerals are intimately intermingled so that fine grinding and selective flotation will be necessary to make a good recovery.

On the last carload of ore shipped to the Combined Metals Reduction Co. on February 21, 1951, the following schedule for payment was used:

Gold: Deduct 0.01 ounces and pay for balance at $35 per ounce.

Silver: Deduct 1.65 ounces and pay for balance at 0.9016 per ounce.

Lead: Deduct 1 percent and pay for the balance of sulfide lead at $2.10 per unit.

Zinc: Deduct 1.5 percent and pay for balance of sulfide zinc at $2.025 per unit.

Copper: Pay for same as lead.

Treatment charge: $3.25 per dry ton.

Rate of Production

Present

Two carloads (50 tons each) of ore have been shipped to Combined Metals Reduction Co. this year (1951).

Anticipated

It is hoped by the applicant that the proposed exploration program will develop enough ore for a production of 100 tons per day.

Time Schedule

The applicant states that the objectives outlined in the proposal can be attained in two years from the date of the loan.

Marketing Facilities

Ore or concentrates will be shipped to the Combined Metals Reduction Co. at Bauer, Utah.

EQUIPMENT AND FACILITIES

Installed

The mine is completely equipped for operation. At the present time the main facilities and items of equipment are:

Buildings:
- Compressor house
- Blacksmith and tool house
- Dry (completely equipped to handle about 12 men)
- Headframe and hoist house
- 2 ore bins of 60-ton capacity each

Equipment:
- 2 mucking machines
- Hoist, 75 h.p. electric single drum with 7/8 cable
- Pump, Ingersol Rand electric 300 gpm at 300' head
- Welder, 500 amp. electric
- 2 jackhammers, Ingersol Rand
- Pneumatic saw
- 3 pumps, air sump
- Compressor, 1,000 cu. ft. Sullivan with 150 h.p. electric motor
- 2 stopers, S-91 Joy
- 800 feet 4-inch suction hose
- 1,800 feet 2-1/2-inch air hose
- 800 feet 2-inch pipe
- 1,500 feet 1-inch pipe
- 650 feet 3-inch hose
- 5 tons 26-lb. rail
- Mine cars
- Truck, 1950 Ford 1/2-ton pickup
- Completely equipped blacksmith shop

In addition, all workings are completely equipped with rail, air and water lines.

Required

The following equipment is required to carry out the proposed exploration program:

Ventilating fans and air lines	$ 2,500
Surface tools to include cutoff saw, skill saw, etc.	1,000
2 drifters with bars and arms, $850 each	1,700
10 mine cars, $250 each	2,500
Small mine tools, shovels, picks, etc.	2,050
Electric hoist for winze with electric cable	2,500
Total	$12,250

LABOR SUPPLY

Labor in the Hailey area is sufficient to carry out the proposed exploration program.

Wages are based on a minimum of $12 per shift.

POWER

Electric power is furnished to the mill by the Idaho Power Co. It is ample to meet all needs.

TRANSPORTATION

Ore is trucked 2-1/2 miles to the railhead at Hailey at a cost of 75 cents per ton. The freight charges to Salt Lake City and Bauer vary according to the value of ore but approximate $3 per ton.

No new access road construction is required.

ADEQUACY OF REQUESTED FUNDS

The funds which are requested are adequate to carry out the exploration program as proposed by the DMA Examination Team.

COMPETENCE OF APPLICANT

Mr. Jensen, who is in direct charge of all operations at the Snoose, was for 19 years general superintendent of the Triumph mine, which is the largest producer in the area. Mr. Jensen is familiar with the mining problems of the area and is fully capable of carrying out the exploration program.

DISCUSSION OF PROPOSAL

The applicant wishes to apply for an exploration loan, the total sum to be $175,000, with the applicant furnishing $87,500. The Examination Team is of the opinion that the exploration program and its attendant expenses as outlined by the applicant on page 5 of the accompanying application for a loan, dated December 20, 1950, is not justified.

An exploration program is necessary if this mine is to be brought into production. It is believed that the following described exploration program should disclose the presence or absence of commercial ore bodies within the target areas, namely, the downward projection of the Snoose structures to their intersections with the limestone beds:

1. 150 feet of crosscutting on the 200 level to explore the Reed lode.

2. 1,000 feet of drifting on the 100 and 200 levels.

3. A maximum of 400 feet of winze to be sunk from the 200 level on the structure to explore the intersection of the Snoose structures and the limestone beds.

4. 1,500 feet of crosscutting and drifting on the intersection of the Snoose structures and limestone beds.

The estimated cost of this program is:

2,650 feet of crosscutting and drifting at $35 per ft.	$92,750
Sinking 400 feet of winze at $75 per ft.	30,000
Additional equipment	12,250
Total cost of recommended program	$135,000

Further exploration above the shaft collar is not recommended.

Previous mining operations on the 100 and 200 levels were abandoned when the 200 level crosscut intersected the footwall structure and encountered more water than pumping capacity could handle (pumping capacity at that time was about 100 gallons per minute). If excessive water is encountered in the proposed winze in the Snoose structure, it may become necessary from an economic standpoint to continue the present shaft and crosscut to the projected target area. This latter proposed manner of intersecting the target area should be avoided if possible because of the indefinite location of the intersection of the structures and limestone beds.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 8, Washington

May 15, 1951

Memorandum

To: Lead-Zinc Committee, Defense Minerals Administration, Washington 25, D. C.

From: Field Team, Region II

Subject: Snoose Mining Company, DMA Docket 211

The report transmitted herewith recommends an expenditure of $135,000 for an exploration program on the subject company's property to investigate the downward projection of the Snoose structures to their possible intersection with favorable limestone horizon.

The Field Team recommends that the applicant be invited to participate in this program on a matching fund basis.

By Field Team, Region II

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

Volin, Associate Officer
(U.S. Bureau of Mines)

cc: U.S.G.S. Albany
U.S.G.S. Spokane

Enclosures

Five

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 21 1951
LANDON F. STROBEL
Executive Secretary

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P.O. 157 Howard Street
Spokane 8, Washington

March 12, 1951

Mr. A. M. Jenson, President
Snoose Mining Company
423 First National Bank Building
Boise, Idaho

Dear Mr. Jenson:

Your application for a loan has been referred to this office by the Lead-Zinc Branch of the Defense Minerals Administration. We wish to make an examination of your property in two or three weeks, weather conditions permitting and if the workings of the Snoose mine are accessible at that time.

It appears from your application that if a loan is to be granted it will have to be based upon a purchase contract for the zinc content in your ore reserves. This makes it advisable to have the workings from the Snoose shaft available for inspection.

Please advise this office if an inspection can be made at this time, if not, please suggest a later date. It is our understanding that the Snoose shaft will require pumping, and if this is the case, the proposed time may be on too short a notice for you.

Very truly yours,

Elton A. Youngberg
For
A. M. Weissenborn
Executive Officer, MMA
Field Team, Region II

cc: Landon F. Strobel

BUREAU OF MINES
WASHINGTON, D. C.

1951 MAR 16 PM 4 22

FILE COPY
SURNAME:

McKnight
Otto Herres

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

February 26, 1951

Memorandum

To: Executive Officer Field Team, Region II
Through Operating Committee and Director,
Supply Division

From: Lead-Zinc Branch, DMA

Re: Docket DMA-211

Subject: Application of
Snoose Mining Company
A. H. Jensen, President
423 First National Bank Building
Boise, Idaho

Commodity: zinc, lead

Review of subject docket shows that request is made for a loan of $500,000, broken down as follows: $220,073 to develop measured ore (56,250 tons averaging 4.5% lead, 3.5% zinc), indicated ore (192,500 tons averaging 2.7-6% lead, 5.4-8.9 zinc) and inferred ore; $34,815 additional for machinery, equipment and buildings necessary to carry out the development; $80,850 additional for major equipment and facilities for proposed new production; and $150,000 additional for a 100 ton flotation mill.

Applicant would be eligible for a purchase contract on his proven zinc ore provided the Field Team is convinced that chances are good that it will be mined. Possibility of purchase contract on indicated zinc ore is more questionable; we would like to have field team's recommendation on this question. However, it looks as though both the indicated and inferred ore should be explored under the exploration program of Defense Minerals Administration before a purchase contract can be negotiated for this ore. It appears doubtful that a mill can be built through any form of Federal aid until more ore has been proved up.

Applicant states that Dan. W. Butner of the Bureau of Mines is familiar with this property.

OTTO HERRES, Chief
Lead-Zinc Branch
Defense Minerals Administration

Docket 211

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856

Approved:
DMA Operating Committee

_____
Chairman

_____
J. H. Hedges

_____
Olaf N. Rove

E.T.McKnight:emp
G-2/26/51
Copies to: Chief, Lead-Zinc Branch
Geological Survey - McKnight
J. H. Hedges
R.H. Mote
2 copies to Executive Officer,
Regional Field Team, Region II
Strobel
Mittendorf
Files

FILE COPY
SURNAME:

McKnight
Mote
Hedges
Mittendorf
Hayes for Lyons
Whom

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

February 26, 1951

Re: Docket DMA-211

A. M. Jensen, President
Snoose Mining Company
423 First National Bank Building
Boise, Idaho

lead
Pines

Dear Mr. Jensen:

Your application (Docket DMA-211) for a Government loan under the provisions of the Defense Production Act of 1950 has been reviewed by the Lead-Zinc Branch of the Defense Minerals Administration. Before final decision can be taken on your request it will be necessary to obtain additional information on your property. Your application, therefore, has been referred to the field office, Mr. A. E. Weissenborn, So. 157 Howard Street, Spokane 8, Washington, with the request that the needed information be supplied to us.

Very truly yours,

Tom Lyons, Acting Director
Supply Division
Defense Minerals Administration

ETMcKnight:emp
G-2/26/51
Copies to: Chief, Lead-Zinc Br.
UsGS - McKnight
J. H. Hedges
R. H. Mote
2 copies to Executive Officer,
Regional Field Team, Region II
Strobel
Mittendorf
Files

Albany, Oregon
December 21, 1950

Memorandum

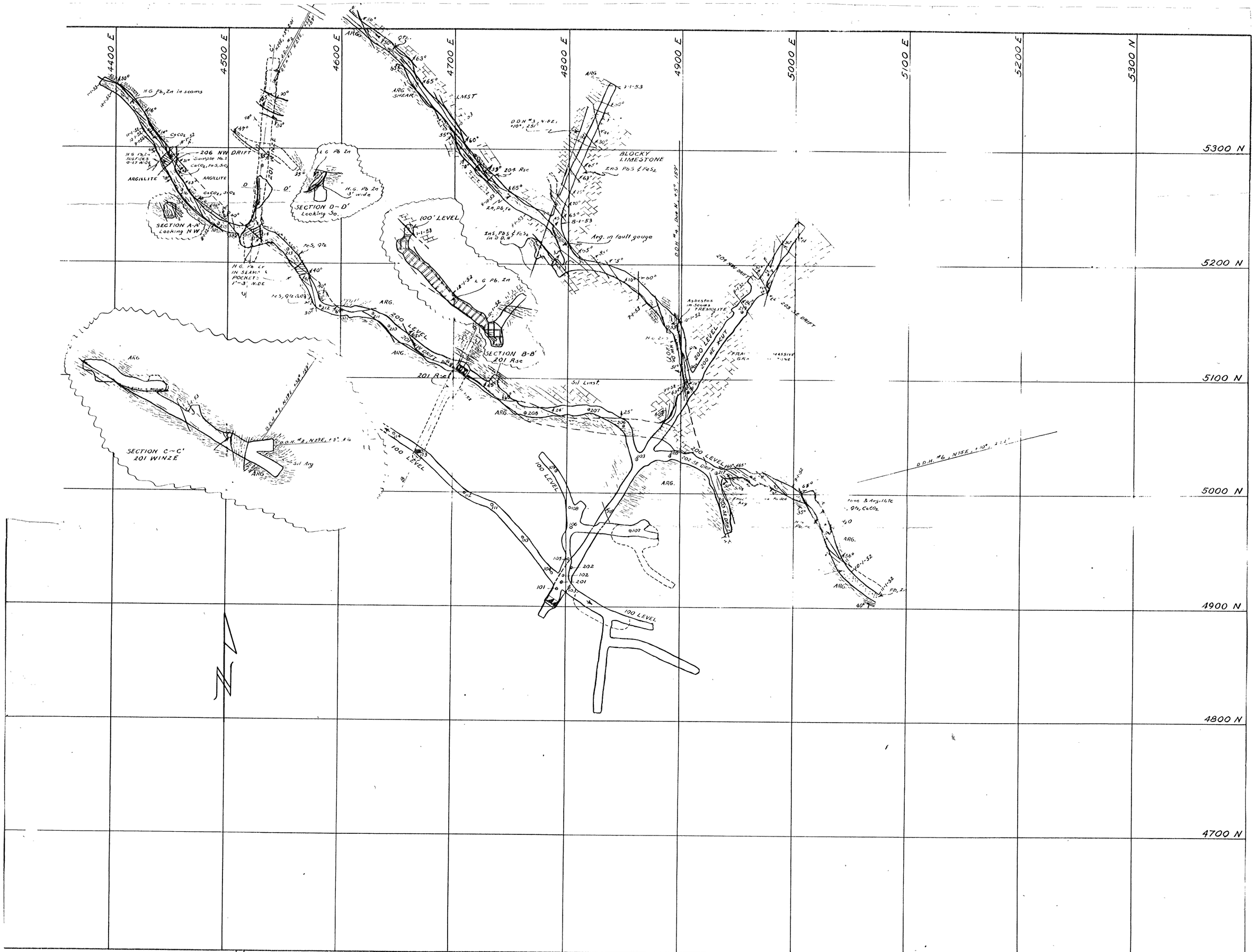
To: The Director

From: M. E. Volin, Chief, Mining Division, Region II

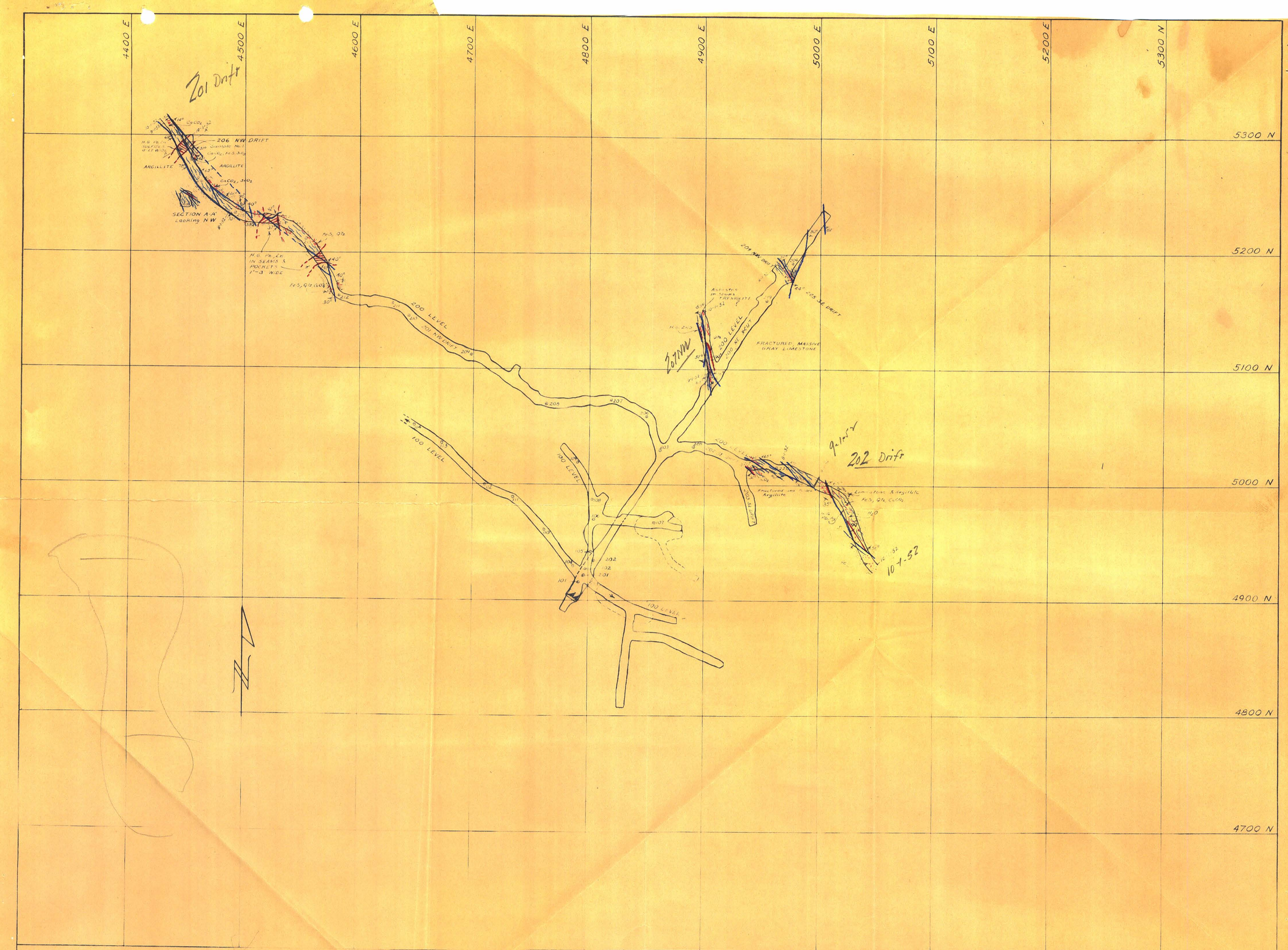
Subject: Transmittal of Defense Minerals Production loan request, Region II.

Enclosed for consideration by the Operating Committee, Defense Minerals Administration, is a loan request submitted to this office by Snoose Mining Company, Hailey, Idaho.

Glenn C. Reed, Acting for
M. E. Volin, Chief
Mining Division
Region II



		To Date 10-1-52 H.S.P.	WORK	Drawn Harry S Potter	2-4-52	SNOOSE MINING COMPANY HAILEY, IDAHO	SNOOSE MINE SHOWING COMPOSITE DEVELOPMENT AND UNDERGOUND GEOLOGY	Scale 1"=50'
				Approved				C-100



H.S.P.	WORK Drawn Harry Stoller 9-4-52	SNOOSE MINING COMPANY HAILEY, IDAHO	SNOOSE MINE SHOWING COMPOSITE DEVELOPMENT AND UNDERGOUND GEOLOGY	Scale 1"=50'
	Approved			C-100

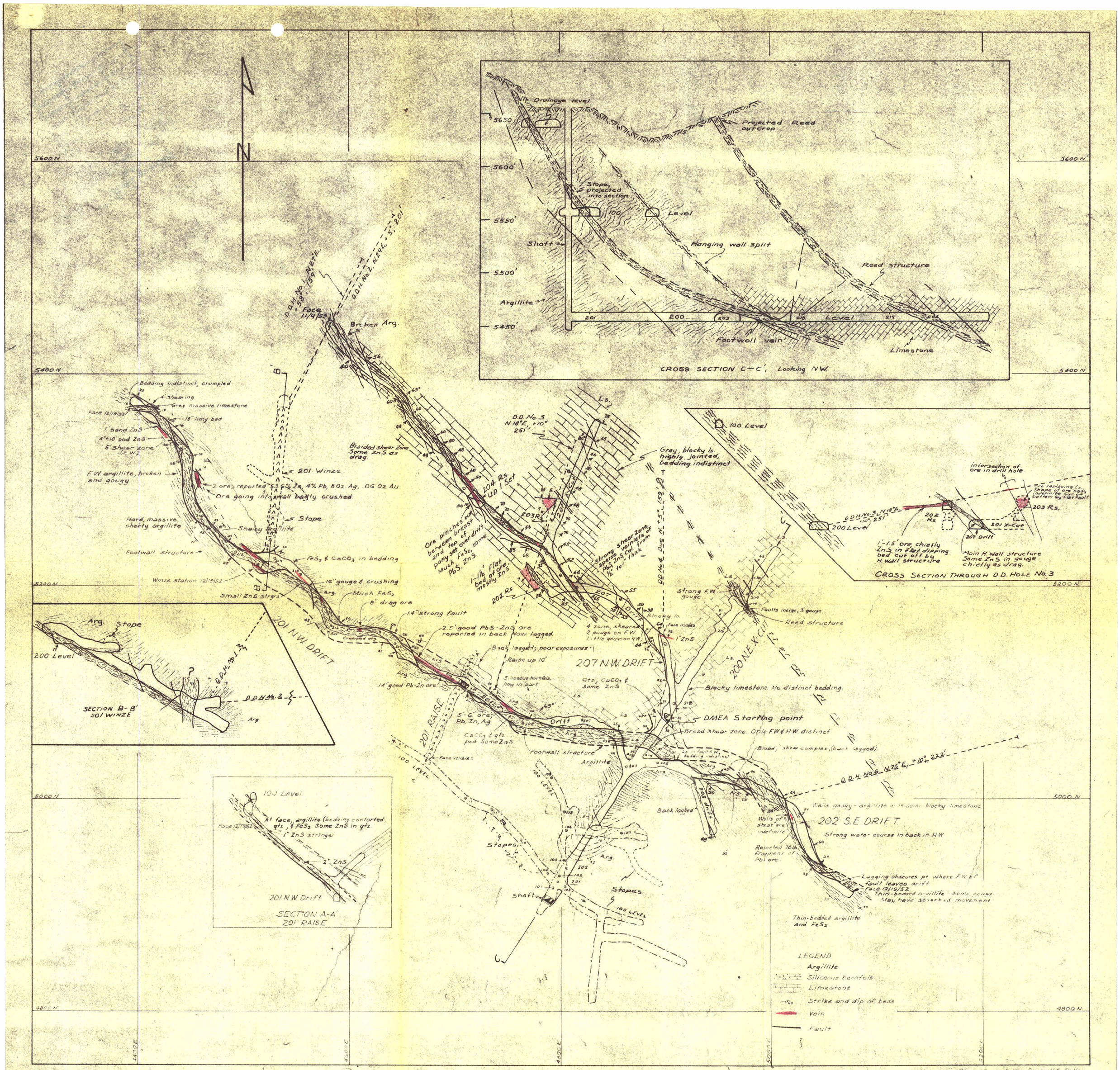


Fig. 2, GEOLOGIC & PLAN OF MAIN WORKINGS, SNOOSE MINE, BLAINE COUNTY, IDAHO

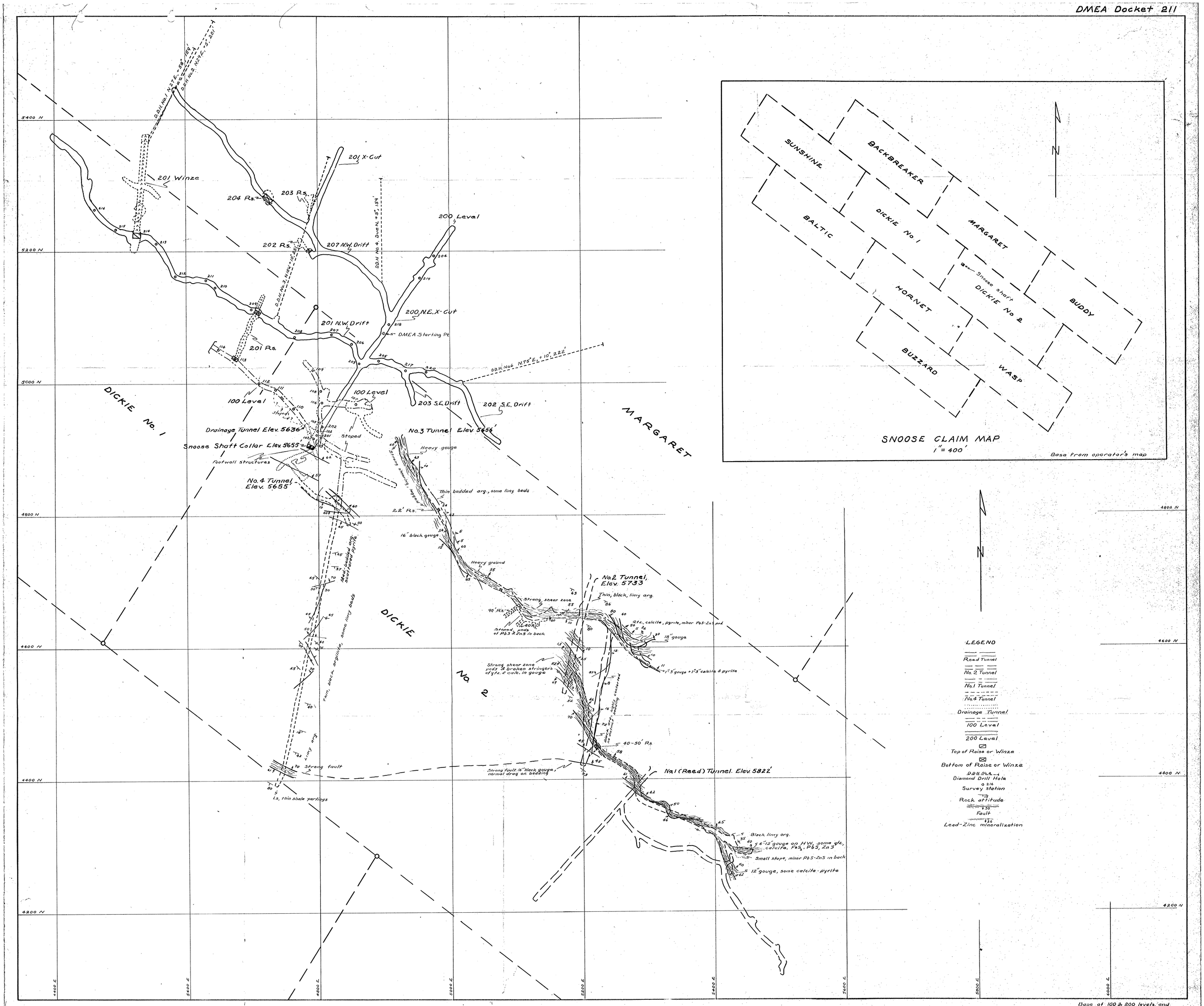
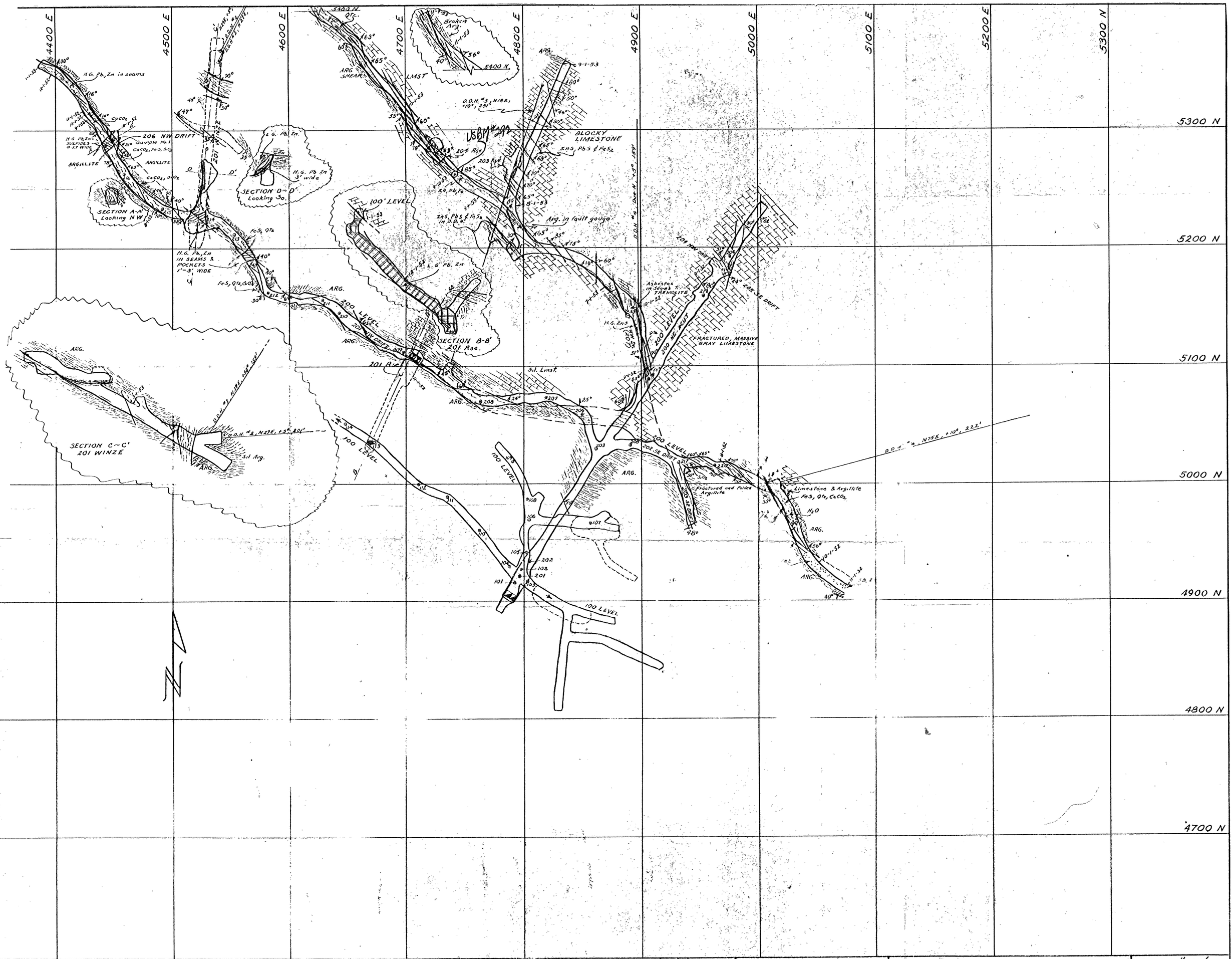
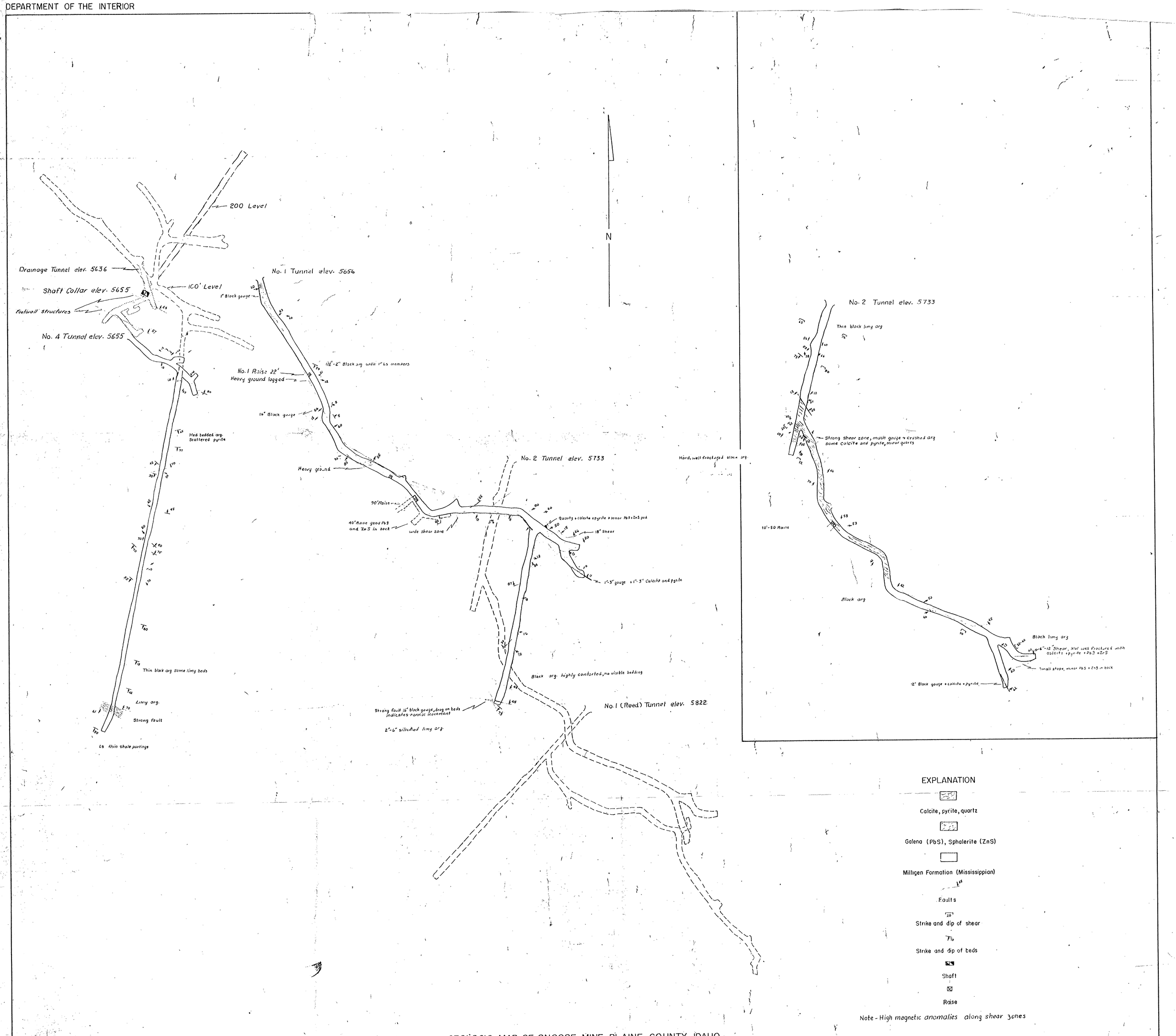


Fig. 1 PLAN & GEOLOGIC MAP, SNOOSE MINE, BLAINE COUNTY, IDAHO



		Date 10-1-52 H.S.P.	Drawn Harry S Pellew	2-4-52	SNOOSE MINING COMPANY HAILEY, IDAHO	SNOOSE MINE SHOWING COMPOSITE DEVELOPMENT AND UNDERGOUND GEOLOGY	Scale 1"=50'
			WORK				C-100
			Approved				

U.S. GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR



EXPLANATION

Calcite, pyrite, quartz

Galena (PbS), Sphalerite (ZnS)

Milligen Formation (Mississippian)

Faults

Strike and dip of shear

Strike and dip of beds

Shaft

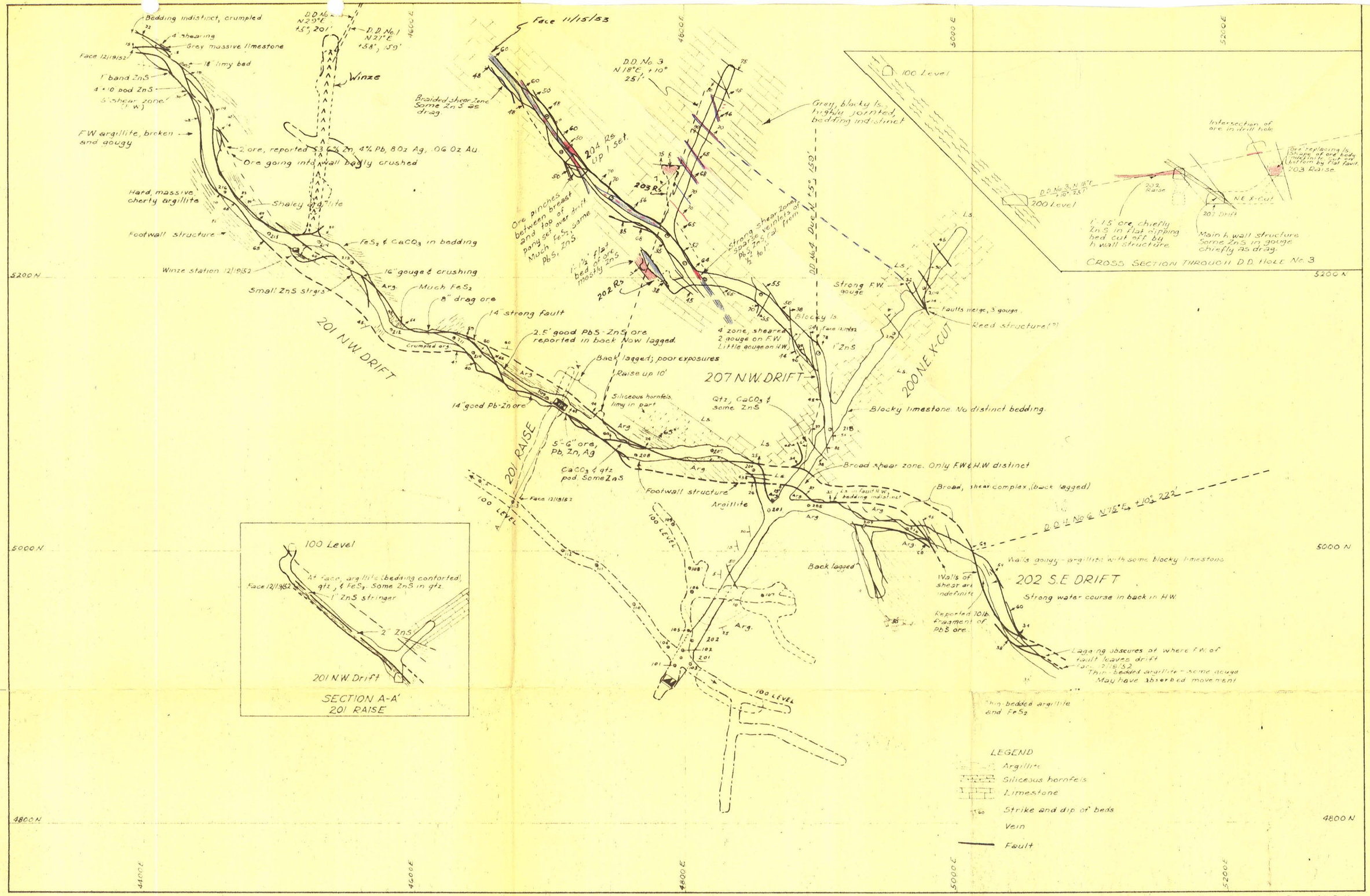
Raise

Note - High magnetic anomalies along shear zones

GEOLOGIC MAP OF SNOOSE MINE, BLAINE COUNTY, IDAHO.

0 50 100 150 200

Portal tie, plane table and alidade, T. Kiilsgaard, J. Quinlan, T. Howard. April 1951
Reed Tunnel, Idaho Bureau of Mines and Geology, Pamphlet No 90, A.L. Anderson. Aug. 1949
100 Level, 200 Level, Geology No. 4 Tunnel, Snoose Mining Company file.
Geology No. 2 and No. 3 Tunnels, brunton and tape, T. Kiilsgaard, J. Quinlan, T. Howard. April 1951
Geology of Drainage Tunnel, Idaho Bureau of Mines and Geology, Pamphlet No. 90, A.L. Anderson. Aug. 1949.



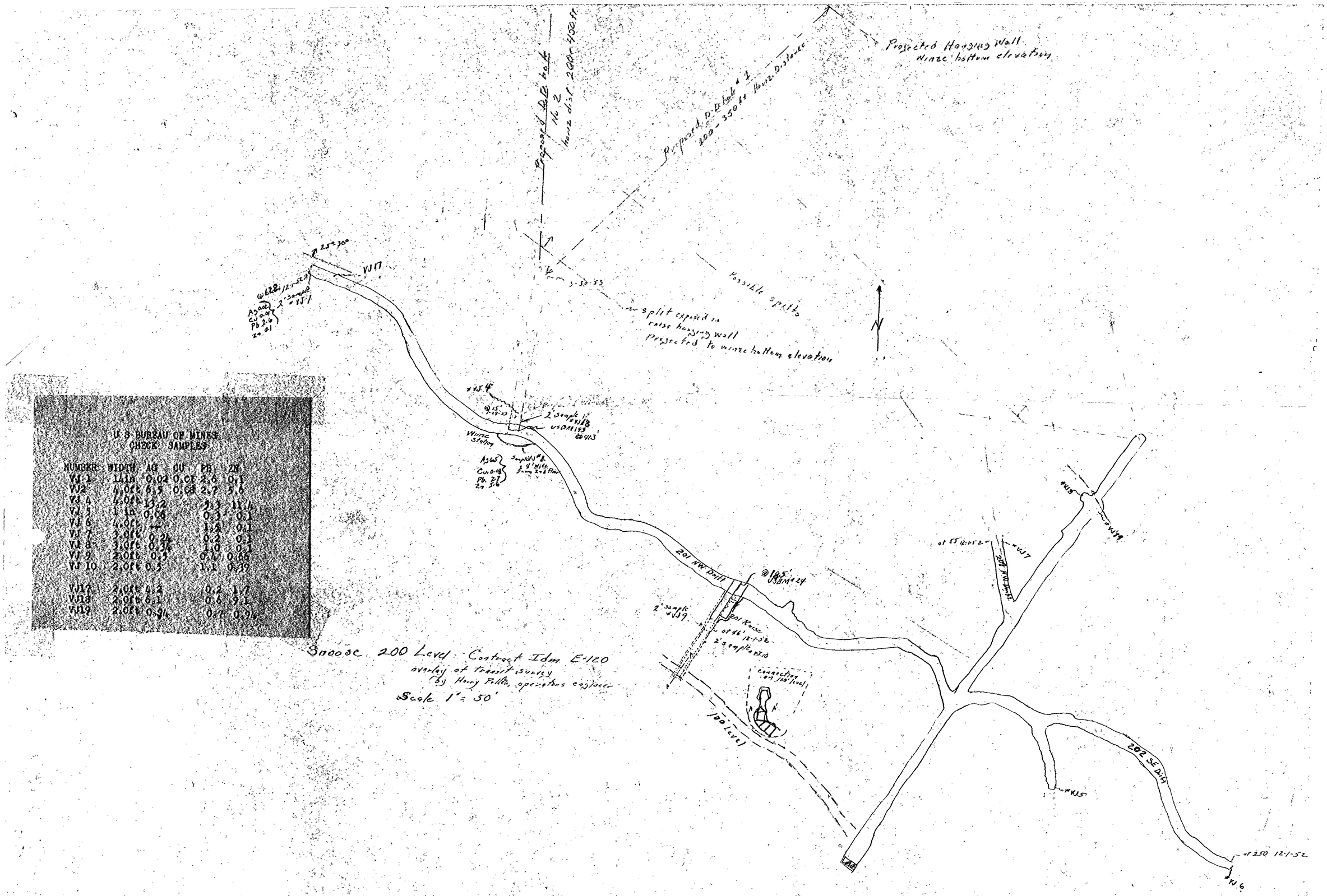
PLAN OF MAIN WORKINGS, SNOOSE MINE, BLAINE COUNTY, IDAHO

Plan of workings from H.S. Poller
Geology by T.H. Kiersgaard, U.S.G.S.

U S BUREAU OF MINES
CHECK SAMPLES

NUMBER	WIDTH	AG	CU	PB	ZN
VJ 1	14in	0.02	0.01	2.6	0.1
VJ2	4.0ft	6.5	0.08	2.7	5.6
VJ 4	4.0ft	13.2		5.3	11.4
VJ 5	1 in	0.06		0.3	0.1
VJ 6	4.0ft	--		1.2	0.1
VJ 7	3.0ft	0.24		0.2	0.1
VJ 8	3.0ft	0.34		1.0	0.1
VJ 9	2.0ft	0.5		0.4	0.66
VJ 10	2.0ft	0.5		1.1	0.39
VJ 12	2.0	4.8		2.9	11.0
VJ17	2.0ft	4.2		0.2	1.7
VJ18	2.0ft	6.1		0.6	9.1
VJ19	2.0ft	0.94		0.7	0.94

Snoose 200 Level - Contract Idn E-120
overlay of transit survey
by Henry Falk, operators engineer
Scale 1" = 50'



U.S. BUREAU OF MINES
CHECK SAMPLES

NUMBER	WIDTH	AG	CU	PB	ZN
VJ 1	1.4in	0.02	0.01	2.6	0.1
VJ2	4.0ft	6.5	0.08	2.7	5.6
VJ 4	4.0ft	13.2		9.3	11.4
VJ 5	1 in	0.06		0.3	0.1
VJ 6	4.0ft	tr		1.2	0.1
VJ 7	3.0ft	0.24		0.2	0.1
VJ 8	3.0ft	0.34		1.0	0.1
VJ 9	2.0ft	0.3		0.4	0.65
VJ 10	2.0ft	0.3		1.1	0.19
VJ17	2.0ft	4.2		0.2	1.7
VJ18	2.0ft	6.1		0.6	9.1
VJ19	2.0ft	0.94		0.7	0.96

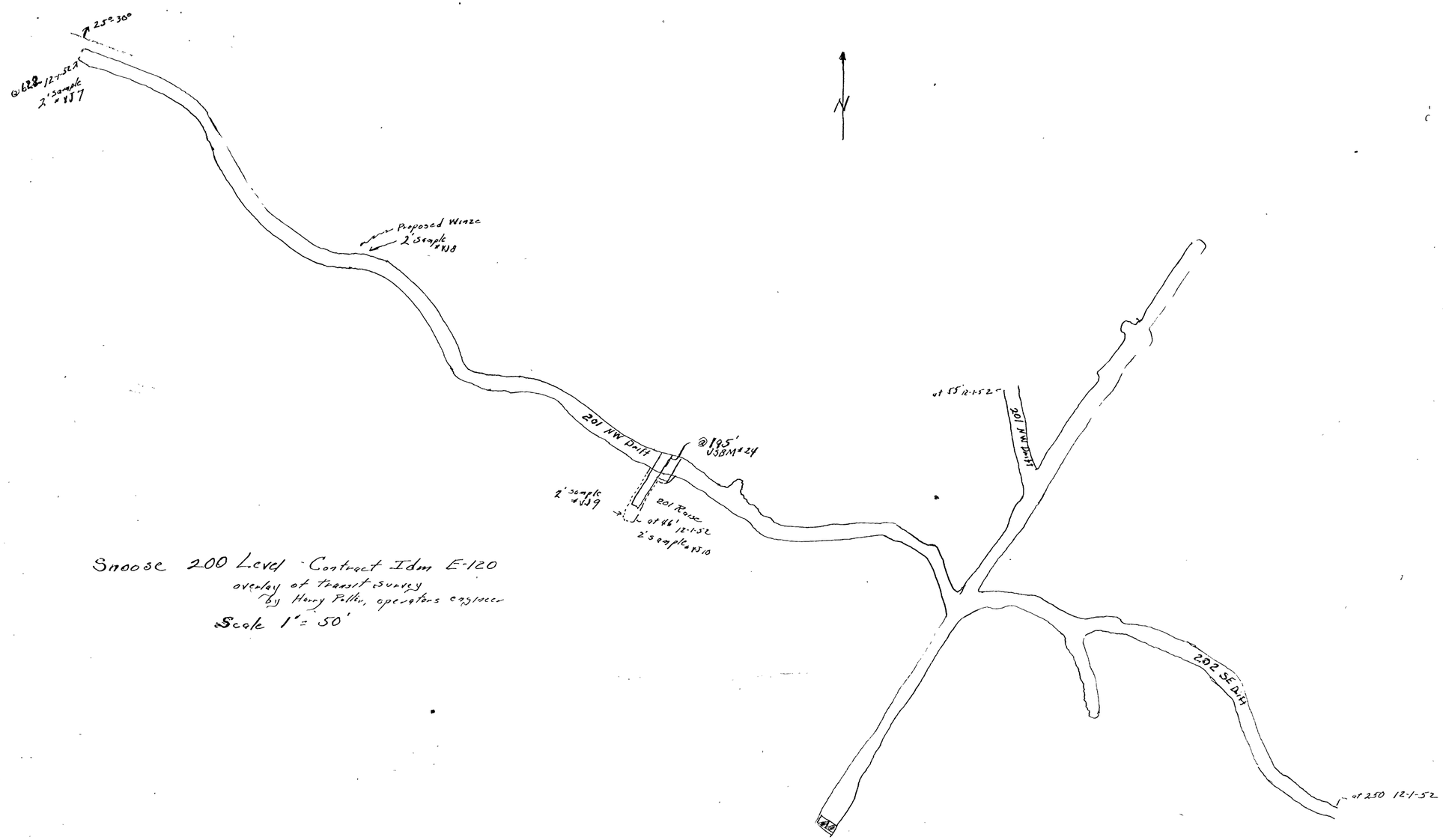
Snoose 200 Level Contract Idm E-120
overlay of transit survey
(by) Harry Pelkie, operations engineer
Scale 1" = 50'

DMEA CONTRACT Tdm-E 120

PLAN OF MAIN WORKINGS, SNOOSE MINE, BLAINE COUNTY, IDAHO

0 50 100 150 200 250 300 Feet

Plan of workings from H.S. Poller
Geology by T.H. Kiilsgaard, U.S.G.S.



Snoose 200 Level Contract Idm E-120
overlay of transit survey
by Henry Pellin, operators engineer
Scale 1" = 50'