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BATES NO. 0341

Pseudo. Ent

DMEA
RECEIVED JUL 31 1958

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"	[illegible]	110
8/1	[illegible]	800
	[illegible]	500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

SEMI-ANNUAL REPORT OF CERTIFIED PROJECT

Reporting period: January 1 to June 30, 1958

Date of exam: June 27, 1958

Operator: Silver Buckle Mining Co., Wallace, Idaho

Mine name: Vindicator

County and State: Shoshone County, Idaho

Docket number and commodity: DMEA-3071 (lead-zinc)

Contract number: Idm-E594

Date of contract: October 12, 1953

Date of certification: August 9, 1957

Expiration date of royalty payments: October 12, 1971 (18 years)

Total amount of contract: $229,500.00

Total expenditures under contract: 209,839.00

Amount of Government participation @ 50%: 104,919.50

Royalty payments this period: none

Previous royalty payments: none

Total royalty payments to date: none

Percent Government participation repaid: none

Royalty due on production to date: none

Royalty remarks: none

	Tons	Analysis
Original estimate of DMEA reserves (from Field Team final report) Mines ___ Survey ___ Joint ___	Report in preparation	
Revised estimate of DMEA reserves (Field Team) Mines ___ Survey ___ Joint ___		
Increase of reserves by work performed subsequent to DMEA project work:	none	
Production of DMEA ore (this period)	none	
(previous)	none	
(to date)	none	
Production of Operator's ore found subsequent to DMEA work (this period)	none	
(previous)	none	
(to date)	none	
Percent of revised reserves mined:	---	

Production remarks: The property has been inactive since April 1955.

Signed: John D. Bardill (Engineer)

Distribution:
DMEA (4)
USGS (2)
USBM (AD)
USBMe (2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

1201 N. Division St.
Spokane 2, Washington

1/20 1/21 WBS. 220 500.

January 2, 1958

MEMORANDUM

To: DMEA Field Team, Region I

From: John D. Bardill, Bureau of Mines

Subject: Final inspection report, Docket No. DMEA-3071 (lead-zinc) Silver Buckle Mining Company, Vindicator Mine, Shoshone County, Idaho, Contract No. Idm-E594

The status of this project was discussed with Dr. F. E. Scott, president, at Wallace, Idaho, December 10, 1957. No DMEA work has been done since April 1955.

Amendment No. 6, dated August 9, 1957, extended the time for completion of the work to October 12, 1958, provided work was resumed by December 31, 1957; otherwise the contract is terminated effective May 1, 1955.

Dr. Scott stated that his company directors had decided not to resume work by December 31, 1957, thereby terminating the contract.

A pseudo-certification is incorporated in Article 4(d) of Amendment No. 6.

The Government has no equity in equipment and supplies used on the project.

The contract items completed are:

	Authorized	Completed
Install track, water, air and vent pipes, ft.	540	540
Enlarge and rehabilitate crosscut, ft.	110	110
Sink and timber shaft, ft.	800	800
Drift and crosscut, 750 level, ft.	1700	1294
Timbering, ft.	500	none
Adit level station and pocket	$7000	$7000
750 level station and pocket	$3000	$3000

John D. Bardill

Distribution:
DMEA (4)
USGS (2)
USBM (AD) Docket
Turner Bardill

ACTION ON INTERIM
OR FINAL FIELD TEAM REPORT

Date 1/20/58

Referred to:

1. ~~Mr. Mittendorf~~
2. ~~Mr. Johnson~~
3. ~~Mr. Chambers~~
4. Docket Control Mails and Files
5. ~~[illegible]~~ Divisio
6. Docket Control Mails and Files
7. 500

Note comments in report regarding:

1. Heres one where
pseudo is effective
2. & letters citing
3. Obligations showed
4. be prepared

and take appropriate action.

- - - - - - - - -

Action taken by Division:

Letters sent

Robert E. Adams

gb

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
1201 N. Division St.
Spokane 2, Washington

OFFICIAL FILE COPY
DMEA
RECEIVED AUG 19 1957

DATE	INITIALS	CODE
16	[illegible]	100
8/21	Jwa	500

July 22, 1957

MEMORANDUM

To: DMEA Field Team, Region I, Northwest District

From: John D. Bardill, Bureau of Mines

Subject: Routine inspection report, Docket No. DMEA-3071 (lead-zinc), Silver Buckle Mining Company, Vindicator Mine, Shoshone County, Idaho, Contract No. Idm-E594

The status of this project was discussed with Dr. F. E. Scott, president, at Wallace, Idaho, on July 9, 1957. No active DMEA contract work has been done since April 1955. In the meantime the company has been negotiating to obtain the necessary Consents to Lien and other rights to develop the Vindicator property.

Amendments Nos. 1 thru 5 have successively suspended work beginning May 1, 1955 to not later than July 1, 1957.

A letter to the Executive Officer, DMEA, Region I, dated July 10, 1957 from Mr. Clark L. Wilson, vice-president, has requested another suspension to December 31, 1957 pending results of exploratory work on the adjoining Silver Mountain property being prospected by Hecla Mining Company. The request has been forwarded to Washington for consideration.

Status of the contract is:

Date of contract: October 12, 1953
Termination date: July 1, 1957
Amount of contract: $229,500.00
Amount spent: 209,839.00 (thru April 1955; subject to audit)

	Authorized	Completed
Install track, water, air and vent pipes, ft.	540	540
Enlarge and rehabilitate crosscut, ft.	110	110
Sink and timber shaft, ft.	800	800
Drift and crosscut, 750 level, ft.	1700	1294
Timbering, ft.	500	none
Adit level station & pocket	$7,000	$7,000
750 level station & pocket	$3,000	$3,000

John D. Bardill

Distribution:
DMEA (4)
USGS (2)
USBM (AD)
Docket

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

RECEIVED
MAY 7 - 1956

April 26, 1956

MEMORANDUM

To: DMEA Field Team, Region I, Northwest District

From: Verne C. Fryklund, Jr., Geologist, Geological Survey

Subject: Appraisal of results to date of exploration at the Vindicator mine, Docket No. DMEA 3071 (Lead-Zinc), Silver Buckle Mining Co., Shoshone County, Idaho, Contract No. Idm-E594

Results of the exploration at the Vindicator mine are shown on the two accompanying maps and the cross section.

The 750 level work has shown that there is a vein on that level that can be correlated with the vein on the No. 2 adit level. The vein strikes N. 80° W. and dips about 70°-75° N.

The vein on the 750 level is not strong and, as the assays show, contains only minor amounts of base metals. To the west the vein where last seen contained only 1/2-inch of quartz; to the east where last seen the vein contains about 1 inch of quartz.

The vein pinches and swells, largely the result of post-mineral shearing. The shear planes in the country rock are very closely spaced and oriented approximately parallel to the beds and to the vein.

I would judge that the shearing has been produced by movement along the nearby Paymaster fault. The apparent great intensity of the shearing, however, is largely due to the rock being thin-bedded argillite and the strike of the beds being almost parallel to the Paymaster fault.

I don't believe the vein is of any great significance and should not be explored at any greater depth. The structural features shown on the cross section present another reason for not attempting to explore the vein at depth.

The Paymaster fault is post-mineral in age and has a strike slip component of movement on the order of 1,500 to 2,000 feet; the dip slip movement is not known. The fault strikes west, paralleling

the Osburn fault; the direction and amount of dip in the mine area is not known, nor can the fault be traced with sufficient accuracy so that the outcrop pattern can be used to calculate a dip by "three point" methods in the vicinity of the mine. About 3 miles to the west the fault dips about 70° S.

Most of the west-striking faults of the district dip south, as do most of the productive veins of the district, and in all probability the Paymaster does so in the Vindicator area. The dip must be greater than 70° or it would have been cut already in the mine. The cross section shows possible dips and possible intersections with the Vindicator vein. If the fault dips 80° S. only a 400-foot section of the vein remains in Vindicator ground. If the fault dips 85°, there would be about 800 feet of vein above the intersection.

In summary:

1. The vein was not strong on the No. 2 adit level.

2. The vein is generally weaker on the 750 level, although for a short length the vein had widths up to 1.5 feet, and reasonable limits to the strike length on that level can now be estimated.

3. Assays show only minor amounts of base metals over small widths.

4. There is a good probability that the vein is offset below the 750 level by the Paymaster fault and that the offset segment lies in Silver Mountain ground (Docket No. DMEA 3406) to the east.

The proposed extension of the crosscut north of the Paymaster fault should give very useful information about the fault, and there is a possibility that the Belvedere structure may be cut by the crosscut.

Attachments 3

Distribution:
DMEA (Orig. & 3)
USBM (2)
USBM (AD)
Docket
Fryklund

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~

1201 N. Division St.
Spokane 2, Washington
May 16, 1955

MEMORANDUM

To: DMEA Field Team, Region I, NW District

From: E. G. Erickson, Mining Engineer, Bureau of Mines

Subject: Interim report, Docket No. DMEA 3071 (lead-zinc), Vindicator Mine, Silver Buckle Mining Company, Shoshone County, Idaho, Contract No. Idm-E594

The project site was visited April 21 and May 3, 1955. The project work was discussed with Mr. Gale Hansen, supervisor for the company.

The project was recessed April 25, 1955, and a formal recess has been requested by the Operator.

The drift west has been advanced a total of 209 feet and results have been discouraging. The drifting east on the same structure drifted on westward has been encouraging, although the ore mineralization persisting for about 200 feet of the 306 feet eastward drift is not commercial (refer to Operator's map accompanying his April invoice).

Mr. Clark Wilson and Dr. F. E. Scott, representing the Operator, met with Field Team members on May 11, 1955, and discussed continuing the crosscut north to cut the Paymaster fault. The present face of the crosscut has entered a bleached zone of probably the St. Regis formation. Extending the crosscut is warranted and recommended. A total of 406 feet of crosscutting and/or drifting remains in the contract.

The property north of the present face of the crosscut is not included in the present contract; therefore, the Operator was requested to make a formal proposal including acquisition of the lands to be explored. He was informed that the proposal would have to be approved by the Washington office of DMEA.

Following is a tabulation of work items authorized and units completed at the time of the recess:

	Authorized	Completed
Adit rehabilitation	110 feet	110 feet
Track installation	540 "	540 "
Shaft station	1 unit	1 unit
Shaft sinking	800 feet	800 feet
Drifting and crosscutting	1700 "	1294 "
Timbering (drifts and crosscuts)	500 "	none

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD
EGE/he

E. G. Erickson

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

April 27, 1955

Memorandum

To: DMEA Field Team, Region I, Northwest District

From: Verne C. Fryklund, Jr., Geologist, U. S. Geological Survey

Subject: Docket No. DMEA-3071 (lead-zinc), Interim Inspection, Silver Buckle Mining Company, Vindicator Mine, Shoshone County, Idaho, Contract No. Idm-E594.

I visited the Vindicator mine on April 25, 1955. I went down by myself. This was the last working day as the project is being recessed. The crew was in the process of pulling pipe and track from the west drift; the mucking machine and charging panel were taken out of the mine. The motor was still on the level when I left.

In the west drift the last exposed part of the vein was half an inch wide. It contained specks of galena and sphalerite in quartz. Further drifting on the vein in this direction is not warranted.

The vein in the east drift has been much stronger but it has never contained significant amounts of ore minerals and the width probably averages less than 6 inches, although the shear zone, largely postmineral, is 2 to 3 feet wide in places. At the east end of the drift the vein is offset by a north-striking fault about 20 feet southward. On the east side of the fault the vein was about one inch wide; about one-third of it is galena and sphalerite. The drift is about 50 feet from the east property line (survey needed however).

On the basis of my measurements, which are not from a Bureau of Mines tag, a total of 1,308 feet of drifting and cross-cutting have been done. This includes 12 feet of tail drift and 10 feet of stub drift used as a sump.

Further work in this mine on this level is not warranted. Regardless of the Lucky Friday mine, I would not recommend further shaft sinking without additional exploration targets. There appears to be no other exploration targets within the project boundaries.

Distribution:
DMEA (orig. & 3)
USBM (2)
USBM(AD)
Docket
Fryklund

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

Budget Bureau No. 42-R1036.5

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

Month of April, 1955 Docket No. DMEA 3071 Contract No. DMI-R 594
Operator's Name Silver Buckle Mining Co. Minerals Lead-Zinc
Address Box 1028 Wallace, Idaho
Contract Amount, $ 229,500.00 Government Participation: 50 % Amount, $ 114,750.00

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:						5/18/55 - J.M.L.
~~Drilling~~ Shaft	None	140,000.00	140,000.00	7/15/55 WPK		
~~Bulldozing~~ Tunnel Rehab.	None	2,800.00	2,800.00			
Crosscutting 2nd						
Drifting 750 level	13,354.50	42,234.50	55,589.00			
Install Track etc.	None	1,350.00	1,350.00			
(2) Labor and Supervision:						
~~Labor~~ Shaft Station	None	7,000.00	7,000.00			
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
~~Pipe~~ 750 level Sta.	None	5,000.00	5,000.00			
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	13,354.50	196,484.50	209,839.00	13354.50	196484.50	209839.00

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

Date 5/4/55 *Payee Silver Buckle Mining Co.

Per [signature] Title Vice Pres.

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

6677.25
300.00 withheld

$ 6377.25

Signature [signature]
(Authorized Certifying Officer)

Date 5-12-55 Vou. No. 1515
(See other side)

*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)

(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. E594 in accordance with the terms of the contract.

Signature 1S/ Eric G. Erickson Title Mining Engr. Date 5-9-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature 1S/ Stephen W Zoldok Title Mining Engr. Date 5-10-55

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

Bureau of Mines Minerals
RECEIVED
MAY 1 3 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of April 195 5 Docket No. DMEA 3071 Contract No. DMI-E 594
Operator's Name Silver Buckle Mining Co. Minerals Lead-Zinc
Address Box 1088 Wallace, 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 and Crosscutting 750 level	Ft.	13,354.50	307	56,299.00	1294	43.50	1700	43.50
Raising								
Shafts	Ft.	None	None	140,000.00	800	175.00	800	175.00
Winzes 750 level Sta.	Unit	None	None	3,000.00	1	3000.00	1	3,000.00
Drilling: Core								
Churn								
Auger								
Stripping Tunnel Rehab.	Ft.	None	None	2,200.00	110	20.00	110	20.00
Trenching								
Tramming Shaft Station	Unit	None	None	7,000.00	1	7000.00	1	7,000.00
Roads and Trails								
Install Track etc.	Ft.	None	None	1,350.00	540	2.50	540	2.50
TOTAL DISTRIBUTED COSTS		13,354.50		209,839.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		13,354.50		209,839.00				229500.00

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 5/4/55 Operator Silver Buckle Mining Co.

Per [signature] Title Vice Pres.

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)

151 Eric G Erickson

INSTRUCTIONS

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

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

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

GPO 872894

April 5, 1955

D.M.E.A. Field Team
1201 North Division St.
Spokane, Washington

Narrative of Silver Buckle Mining Co.
Vindicator Project
April 1955

Ref: Docket No. D.M.E.A. 3071

During the month of April, development of the exploration headings on the 750 level were advanced 307 feet, making a total of 1294 feet of X-cuts and drifts completed to date.

The East Drift was advanced an additional 162 feet along the mineralized quartz vein. (Note progress map) At approximately 230 feet to the east a north south cross fault was encountered which offset the vein about 15 feet to the south. A crosscut was driven to the southeast for 30 feet, where the vein was again encountered. The vein consists here of 1" to 2" of quartz with a minor amount of mineralization. Total distance of drifting to the east was 286 feet, plus a 30 foot extension to the southeast.

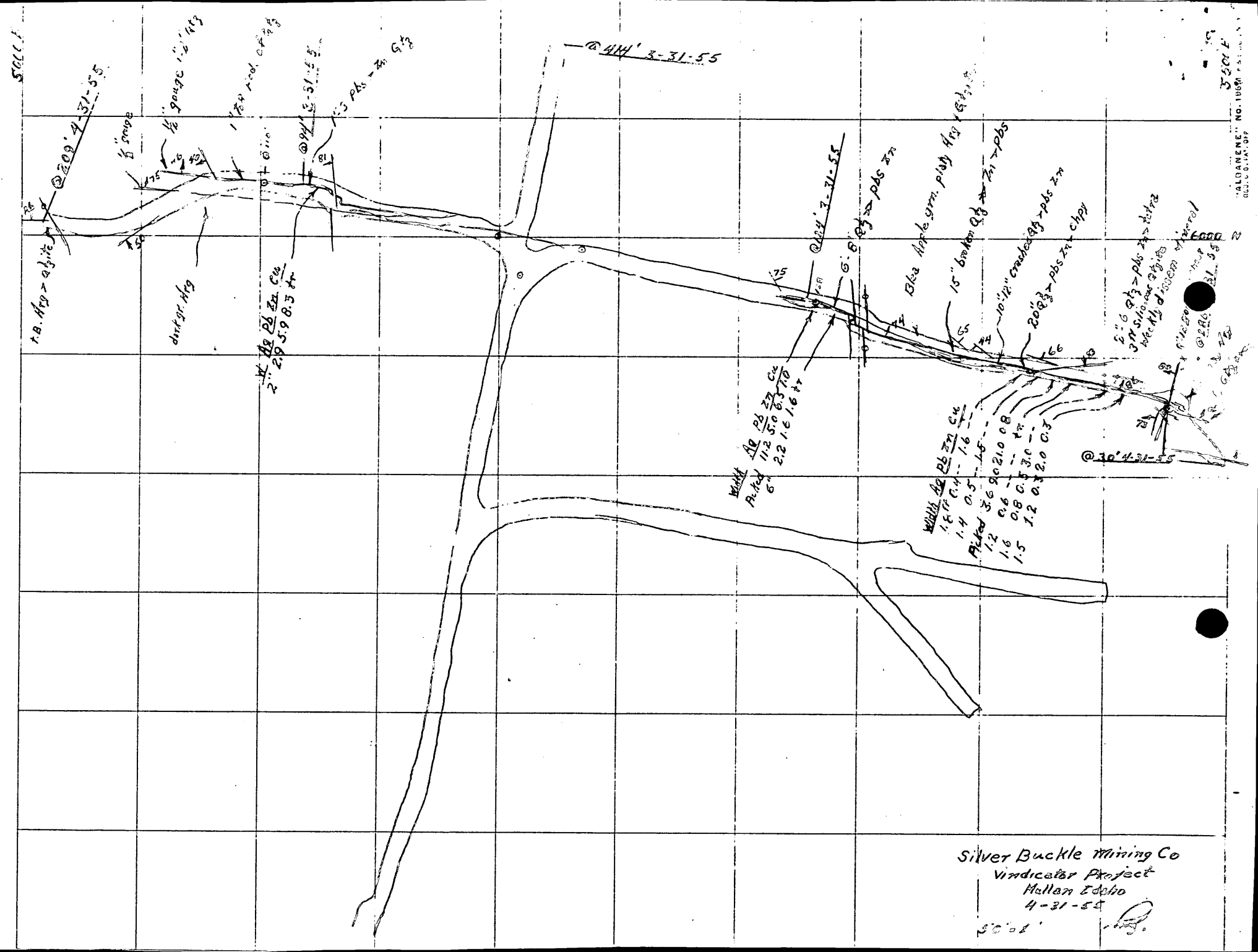
Mineralization along the vein to the east has been sparse but persistent for a distance of over 225 feet; however, no commercial ore bodies were encountered. Lead and zinc have been the principal minerals present, with some chalcopyrite and minor amounts of tetrahedrite. The wall rock is intensely bleached, apple green, quartzitic and argillatious rock. The beds have been somewhat distorted by folding, and are intensely sheared, giving it a very thin platey structure. Pyritization and sericitization of the wall rock is quite strongly pronounced. Bedding has, for the most part, been quite obscure, but almost all good visible beds indicate a north west strike and a steep dip to the north east.

The west drift has been advanced a total of 209 feet, principally along a poddy quartz vein 1" to 8" in width, and containing a very minor amount of mineralization. The drift was turned slightly south to look for any possible mineralized structure which may have been present within the foot wall of the bleached zone. The wall rock to the west consists of gray to dark gray argillites, and thin beds of quartzite. The bleaching effect is much weaker in this area, as well as the pyritization and sericitization. However, the shearing is quite intense.

Although no commercial ore bodies have been encountered, we still feel that this property has possibilities, and the company has asked for a recess of the present contract for a period of six months, in which time we can arrange a program for futher development. The work was suspended on April 25; however, the property is being kept open and maintained in proper operating condition.

SILVER BUCKLE MNG. CO.

By Gale A. Hansen
Gale A. Hansen, Mine Supt.


@ 209' 4-31-55
½" gauge
1/16" gauge
1 1/2" rod
@ 114' 3-31-55
1:5 pbs > Zn
r.b. Hg > galite
dark gr. Hg
2" Ag Pb Zn Cu
2" 2.9 5.9 8.3 tr
@ 124' 3-31-55
6' 8' qtz > pbs Zn
Blea Apple grn. platy Hg
15" broken qtz > Zn > pbs
10"-12" crashed qtz > pbs Zn
20 qtz > pbs Zn > chpy
2'-6' qtz > pbs Zn > tetra
3" silicified qtz
Weakly disseminated
@ 30' 4-31-55
Ag Pb Zn Cu
Picked 11.2 5.0 0.3 7.0
6" 2.2 1.6 1.6 tr
Ag Pb Zn Cu
1.6 tr 0.4 -- 1.6 --
1.4 0.5 -- 1.5 --
Picked 3.6 9.0 21.0 0.8
1.2 0.6 -- 3.0 --
1.6 0.8 0.5 3.0 --
1.5 1.2 0.3 2.0 0.3
Silver Buckle Mining Co
Vindicator Project
Mullan Idaho
4-31-55

MAY 6 1956
RECEIVED
Business Records Administration
COMMISSION OF THE INTERIOR

DMEA Field Team, Region I, NV District May 12, 1955

Certifying Officer, Region I

Docket No. DMEA 3071, Contract No. 14n-8594. Monthly operating report for April 1955, Silver Buckle Mining Co.

The subject operating report has been received and processed for payment.

As the project is recessed, $300.00 has been withheld from the amount due the operator until work is again resumed.

Myrtle Purdy

cc: DMEA (2)
WMSM
Operator
WASH. (2)

560

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
APR 22 1955

April 6, 1955

Memorandum

To: DMEA Field Team, Region I, Northwest District

From: Verne C. Fryklund, Jr., Geologist, U. S. Geological Survey

Subject: Periodic Inspection, Docket No. DMEA-3071 (lead-zinc), Silver Buckle Mining Company, Vindicator Mine, Shoshone County, Idaho, Contract No. Idm-E594.

I visited this property March 30 and 31, and April 1, 1955. A. E. Weissenborn accompanied me April 1.

Since my last inspection an ore-bearing structure has been found on the 750 level. This structure was approximately at the 80° projection of a structure on the No. 2 tunnel level.

The vein has a maximum width in the east drift of about 2½ feet. Most of this is white quartz that is cut by ankerite and variable but small amounts of sphalerite and galena, sphalerite being dominant. Most of the vein is 3 to 4 inches wide. Due to postmineral shearing much of the vein occurs as discontinuous pods. In many places, particularly the west drift, only the persistent gouge seam is present. Assays are not yet available but no ore has been intersected.

The productive vein at the Lucky Friday mine, about half a mile westward, did not contain important ore widths above about the 1200 level. The upper part of the Lucky Friday vein is very similar, apparently, to the Vindicator vein; the geologic environment is also similar.

There is little doubt that a request will be made by the company to attempt drilling below the 750 level, and/or to sink the shaft another 500 to 1,000 feet.

It is doubtful if drilling below the level is feasible or desirable because (1) the ground is badly sheared argillite, (2) of the poor vein intersections, (3) of the slight depth below the 750 level that could be reached with reasonable vein intersections, (4) the crosscut cannot be extended northward as it is now at the north side line of the company property, and (5) if the Lucky Friday analogy is followed any significant improvement in the vein may be 500 to 1,000 feet deeper.

Shaft sinking should be done only if project ground is greatly increased so that possible structures north of the Paymaster fault could be explored. This whole question will, I am sure, have to be considered some time in April.

Distribution:
DMEA (orig. & 3)
USBM (2)
USBM(AD)
Docket
Fryklund

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
1201 N. Division St.
Spokane 2, Washington
April 13, 1955

Department of the Interior
Bureau Mines Administration
RECEIVED
APR 22 1955

MEMORANDUM

To: DMEA Field Team, Region I, NW District

From: E. G. Erickson, Mining Engineer, Bureau of Mines

Subject: Interim report, Docket No. DMEA 3071 (lead-zinc), Silver Buckle Mining Co., Shoshone County, Idaho, Contract Idm-E594

The project was inspected April 7, 1955, accompanied by the two drift miners. Mr. G. Hansen, supervisor, was contacted at the mine office after the inspection.

The drift west had been advanced a total of 122 feet from the west wall of the north crosscut. The face was barren of any significant sulphide mineralization although several quartz stringers are persistent. On March 24, 1955, an inspection was made, and at that time the west drift had been advanced 64 feet. A 0.2'-wide stringer of quartz containing galena and sphalerite was sampled and was found to contain 2.6 oz. Ag, 5.9% Pb, 6.3% Zn and 0.16% Cu. There was no apparent continuation of the small ore showing; therefore, it might be called a bleb as only minor ore occurrences have been disclosed in the 122 feet of drifting west.

On March 24, 1955 the east drift opposite the drift west had been advanced a total of 60 feet, and on April 7, 1955 it had been advanced a total of 175 feet. A sample of the quartz vein containing galena, sphalerite and possibly tetrahedrite assayed 4.5 oz. Ag, 1.6% Pb, 1.15% Zn and 0.53% Cu over a 0.3' width. On April 7 the face was barren and had been for several rounds. The quartz vein in the east drift has been persistent and has contained significant sulphide mineralization although not in commercial quantities. The Operator is preparing a geologic and sample map.

Following is a tabulation of work items authorized and units completed:

	Authorized	Completed
Adit rehabilitation	110 feet	110 feet
Track installation	540 "	540 "
Shaft station	1	1
Shaft sinking	800 "	800 "
Drifting and crosscutting	1700 "	1052 "
Timbering (drifts and crosscuts)	500 "	none

The standard of work remains good.

E. G. Erickson
E. G. Erickson

Orig. & 3 cys - Wash.
USGS (2)
DMEA--M/D--AD--EGE/he

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

Budget Bureau No. 42-R1036.5

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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APR 22 1955
534

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of March 5 Docket No. DMEA 3071 Contract No. Nonferrous

Operator's Name Silver Buckle Mining Co. Minerals

Address Box 1069 Wallace, Idaho

Contract Amount, $ 280,500.00 Government Participation: 50 % Amount, $ 116,750.00

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 Contracts:						
Short Form Shaft	None	140,000.00	140,000.00			
Drilling Diamond Rehab.	None	2,200.00	2,200.00			
Bulldozing						
Crosscutting 850 Level	14,268.00	28,666.50	42,934.50			
Drifting Stock etc.	None	1,350.00	1,350.00			
(2) Labor and Supervision:	None	7,000.00	7,000.00			4/25/55 J.W.A.
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives 750 Level Sta.	None	3,000.00	3,000.00			
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	14,268.00	182,216.50	196,484.50	14268.00	182216.50	196484.50

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

Date 4/11/55 Payee Silver Buckle Mining Co.

Per [signature] Title Vice 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:

$ 7134.00

Signature M.P.
(Authorized Certifying Officer)

Date 4-15-55 Vou. No. 1484

(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. E594 in accordance with the terms of the contract.

Signature 1st Eric G. Erickson Title Mining Engr. Date 4-13-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature 1st Stephen M. Zaldok Title Mining Engr. Date 4-13-55

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 22 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of March 195 5 Docket No. DMEA 3021 Contract No. [illegible]
Operator's Name Silver Double Mining Co. Minerals Lead Zinc
Address Box 1[illegible] Nelson, Nevada

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting 780 level	ft.	14,[illegible]	[illegible]	42,931.50	937	45.50	1700	45.50
Crosscutting								
Raising								
Shafts	ft.	None	None	140,000.00	600	125.00	800	125.00
Winzes 780 level stope	Unit	None	None	2,000.00	1	2000.00	1	2,000.00
Drilling: Core								
Churn								
Auger								
Stripping Tunnel portal	ft.	None	None	2,000.00	110	22.00	110	22.00
Trenching								
Test Pits Shaft Station Unit		None	None	7,000.00	1	7000.00	1	7,000.00
Roads and Trails								
Portal Trail stop	ft.	None	None	1,550.00	510	3.50	500	3.50
Total Distributed Costs		14,[illegible]		190,481.50				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		14,[illegible]		190,481.50				229,500.00

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 4/11/55 Operator Silver Double Mining Co.

Per [signature] Title Vice 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)

151 E. G. Erickson

INSTRUCTIONS

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

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

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

GPO 872894

DEPARTMENT OF THE INTERIOR
Bureau of Mines
Mineral Mobilization
RECEIVED
1955 APR 22 PM 3

April 6, 1955

DMEA Field Team
1301 North Division St.
Spokane, Washington

Narrative of Silver Buckle Mining Co.
Vindicator Project
March 1955
Ref: Docket No. DMEA 3077

During the month of March development of the exploration headings on the 750 level was advanced 328 feet, making a total of 987 feet of X-cuts and drifts completed to date. The north X-cut was advanced an additional 110 ft. to the north through beds of very purple argillites and two zones of intensely bleached argillites and quartzites. The X-cut ended in one bleached zone at 414' north of the shaft. The other zone of bleached rock is about 35 feet in width and contains a quartz vein measuring 2" to 10" in thickness. This vein is located 330 ft. north of the shaft, and is dipping 74° to 77° to the north, and about a N 74° W strike. The vein is lenticular or poddy in structure, and contains minor amounts of PbS and pyrite.

Drifting both east and west along this structure, the vein to the east was found to average 2 ft. or more in width for a distance of over 40 ft. along its strike, and a various points to carry an appreciable amount of lead-sulfided zinc, pyrite, and chalcopyrite, and a minor amount of tetrahedrite, disseminated throughout the quartz vein. (See progress map.) A small fault containing ½" to 4" of gouge accompanies the vein structure along the north side, and is suggestive of some post ore movement.

The vein to the west was followed for 94 ft., and proved to date to be weaker in mineralization than the east end of the vein. The west end is more of a poddy structure, containing minor amounts of sulfides within the pods, and scattered along the quartz vein. At approximately 75 feet west, a small cross fault offsets the vein about 5 feet to the north. At this point and farther west, a strong 2" stringer of quartz and PbS can be seen, but the lead sulfides do not persist for over 10 feet in length.

The wall rock encountered along the vein consists of intensely bleached argillites and quartzites with a minor amount of disseminated pyrite and quite sericitic. Towards the west the rock is less intensely bleached. It is a rather greenish gray color, and is softer and more intensely sheared than the more silicious apple green structure to the east. Several small folds have been mapped along this structure, and it is possible that they are minor drag folds, related more to the regional folding rather than to the vein structure.

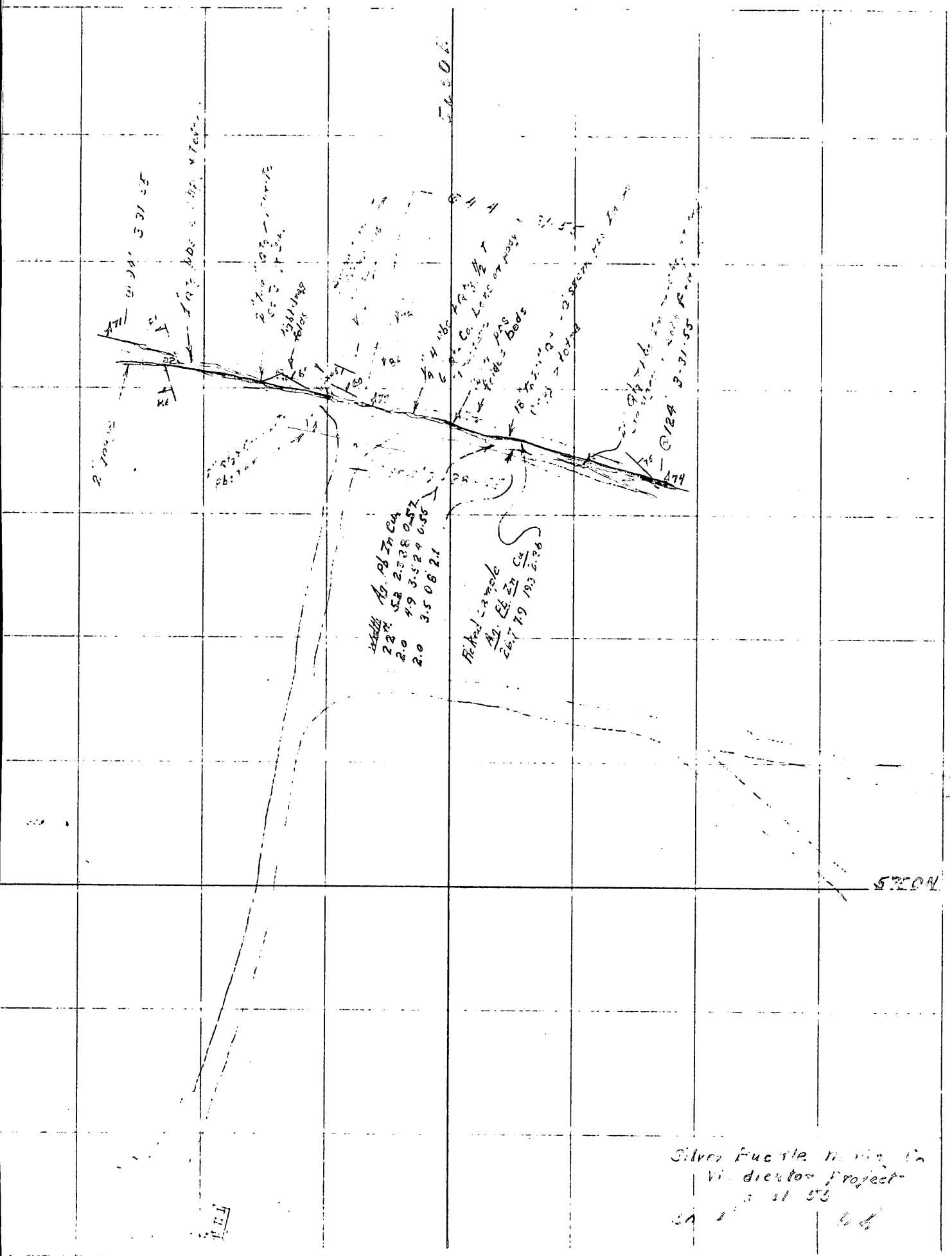
Although as a general rule bedding plains are very difficult to find or see because of the intensity of bleaching and shearing, the shearing gives the impression that the beds are striking principally parallel with it, partly because of a tendency to drag the beds along the shear. However, a number of good beds have been noted, striking principally northwest and dipping 750 to 800 northeast, or at an acute angle to the shearing. This pattern or general trend of the beds was also noted in the sinking of the shaft, and can be viewed on the 750 level station.

Should this be near the correct local structural condition, it would help to explain the more massive hard quartzites to the east and the softer more argillaticus rocks encountered along the vein to the west. It also seems to offer some encouragement in the fact that the vein may be X-cutting the beds at an acute angle, and may at some point along it or at a greater depth, enter a more favorable host rock.

No troublesom amount of water has yet been encountered. The 800 ft. shaft at this time is in good condition, and does not show signs of any movement. The development work is being continued on a two shift per day basis, 6 days per week.

SILVER BUTTE MINING CO.

By Gale A. Hansen
Mine Supt.



"ALBANENE" NO. 195M PAPER CO., N.Y.
REG. U.S. PAT. OFF.

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

1201 N. Division St.
Spokane 2, Washington
March 22, 1955

MEMORANDUM

To: DMEA Field Team, Region I, NW District

From: E. G. Erickson, Mining Engineer, Bureau of Mines

Subject: Interim report, Docket No. DMEA 3071 (lead-zinc), Silver Buckle Mining Company, Shoshone County, Idaho, Contract No. Idm-E594

The project was inspected March 17, accompanied by Mr. Gale Hansen, supervisor for the company.

The crosscut north had been advanced a total of 389 feet from the north side of the station. Total crosscutting to date from the station is 400 feet, which includes 11 feet of tail drift at the station.

The first easterly drift north of the station had been advanced a total of 265 feet where it was stopped. A crosscut southeast from this drift was advanced 90 feet and stopped. Disclosures in both of these openings were discouraging.

Two short drifts had been driven 41 feet east and 35 feet west on the structure cut in the north crosscut which is about 380 feet north of the 750 level station. This structure is more promising and contained some sulphide minerals of lead, zinc and possibly small amounts of copper.

Mr. Hansen planned on continuing the drifts east and west and the crosscut for about 50 feet to the company side line. It has been reported that the east drift encountered ore on March 18, and on March 21 it was reported that ore averaging about 2 feet in width and 15 feet in strike length had been exposed and the face was in ore. Although the reported grade, about 5% lead, 1% zinc, 0.54% copper and 2.0 oz. silver over 2 feet, is not considered commercial ore it is encouraging. About 870 feet of drifting and/or crosscutting remains to be performed under the contract.

Operator submits geologic and progress maps each month.

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD
EGE/he

E. G. Erickson

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of Feb., 1955 Docket No. DMEA 3021 Contract No. [illegible]

Operator's Name Silver Buckle Mining Co. Minerals Lead-Zinc

Address Box 1088 Wallace, Idaho

Contract Amount, $229,500.00 Government Participation: 50 % Amount, $114,750.00

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:						3/29/55 J.W.A.
Drilling: Shaft	None	140,000.00	140,000.00			
Bulldozing: Thermal Power	None	8,200.00	8,200.00			
Crosscutting						
Drifting: 750 Level	14,964.00	13,702.50	28,666.50			Betty
Install Track etc.	None	1,350.00	1,350.00			
(2) Labor and Supervision:						
Labor: Shaft Station	None	7,000.00	7,000.00			
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe: 750 Level Sta.	None	5,000.00	5,000.00			
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	15,964.00	167,252.50	182,216.50	14964.00	167252.50	182216.50

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

Date 3/12/55 *Payee Silver Buckle Mining Co.

Per [signature] Title Vice 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:

$ 7482.00

Signature MGP
(Authorized Certifying Officer)

Date 3-22-55 Vou. No. 1466

(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 594 in accordance with the terms of the contract.

Signature 154 Eric G Erickson Title Mining Engr Date 3-18-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature 151 Stephen W Zoldok Title Mining Engr. Date 3-21-55

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Feb. 1956 Docket No. DMEA 3071 Contract No. DMX-2 594
Operator's Name Silver Buckle Mining Co. Minerals Lead-Zinc
Address Box 1038 Wallace, 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								
Crosscutting 730 Level	Ft.	14,964.00	344	28,666.50	659	43.50	1700	49.50
Raising								
Shafts	Ft.	None	None	140,000.00	800	175.00	800	175.00
Winzes 750 Level Sta	Unit	None	None	3,000.00	1	3000.00	1	3000.00
Drilling: Core								
Churn								
Auger								
Stripping Tunnel Rehab.	Ft.	None	None	2,200.00	110	20.00	110	20.00
Trenching								
Test Pits Chert Station	Unit	None	None	7,000.00	1	7000.00	1	7000.00
Roads and Trails								
Install Tank etc.	Ft.	None	None	1,350.00	540	2.50	540	2.50
TOTAL DISTRIBUTED COSTS		14,964.00		182,216.50				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		14,964.00		182,216.50				

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

Date 3/12/56 Operator Silver Buckle Mining Co.

Per [signature] Title Vice 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 872894

March 6, 1955

DMEA Field Team
1201 North Division St.
Spokane, Washington

Narrative of Silver Buckle Mining Co.
Vindicator Project
Feb. 1955
Ref: Docket No. DMEA 3071

During the month of February development of the exploration headings advanced an additional 344 Ft. The East Drift was advanced to the East for a total of 265 feet along a zone containing a 0" to 6" of quartz and carbonates, 1" to 10" gouge and abundant Fe_3. Some Pbs mineralization was present and in one picked sample assayed, 3.5% Pb, 1.5 oz Ag. All other cut samples of the gouge, quartz, and wallrock assayed only a trace.

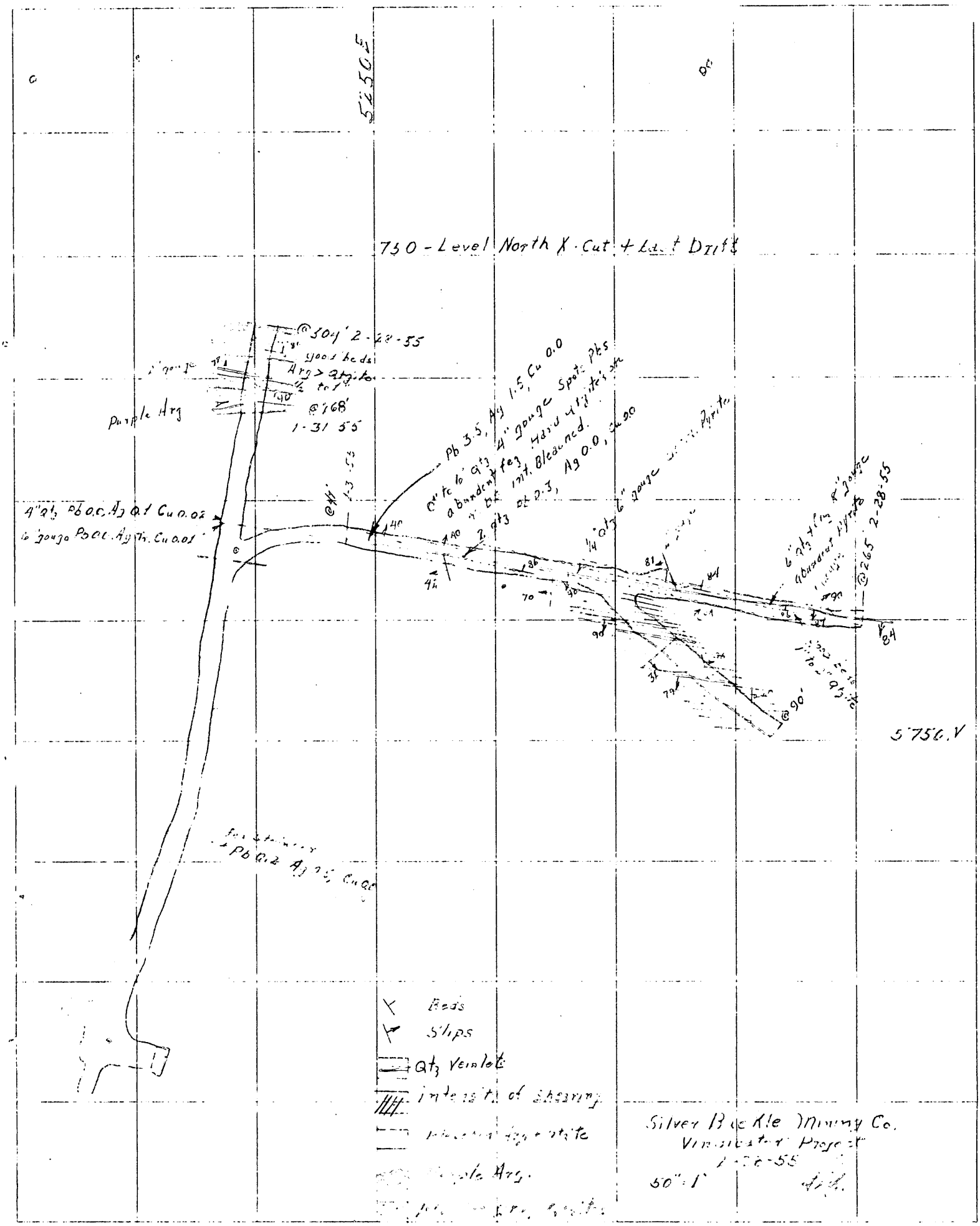
A South East X-cut was driven S 50° E for a distance of 90 Ft. The object of this work was to explore the footwall area of the East Drift directly below the ore-shoot that is exposed in the upper workings of the main addit level. Although the bleaching, shearing, and alteration effect is very intense, no improvement in mineralization or thickening of the quartz veinlets that are present in the main X-cut to the West was noted. Work has suspended in this area for the present time.

The North X-cut was advanced an additional 36 Ft. The ground encountered has been extremely purple argillites with thin beds of quartzites 1" to 2" in thickness. The shearing is still quite pronounced and more so in the argillacious rocks. A few beds of crumpled and intensely bleached argillites 2Ft. to 3 Ft. in width are present. It is interesting to note that there is no discernable gradual gradation between the purple argillites and the bleached rocks in this area. The color change occurs very abruptly.

The North X-cut is being continued to the North where possibly a more favorable mineralized zone may be encountered in which to continue East West exploration.

Very truly yours,
Silver Buckle Mining Co.
By [signature]

Gale A. Hansen, Mng Supt.



"ALBANENE" NO. 195M K&E CO., N.Y.
REG. U.S. PAT. OFF.

[illegible]

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

March 14, 1955

Memorandum

To: DMEA Field Team, Region I, Northwest District

From: Verne C. Fryklund, Jr., Geologist, U. S. Geological Survey

Subject: Interim Inspection, Docket No. DMEA-3071 (lead-zinc), Silver Buckle Mining Company, Vindicator Mine, Shoshone County, Idaho, Contract No. Idm-E594

I visited the property February 25 with S. W. Hobbs, Geological Survey, and returned to the property on March 8 and 9. About 750 feet of drifting and crosscutting has been done on the 750 level. About 240 feet of drifting has been done on an essentially barren structure.

There was some question as to whether the structure drifted on was the same as the main structure on the No. 2 tunnel level. Additional crosscutting was recommended by phone on March 1, and the crosscut has now been extended to about 50 feet from the north property line. A second structure was intersected in the crosscut approximately at the projection, on an 80° dip, of the structure on the No. 2 tunnel level.

This structure has a maximum width of perhaps 5 inches and contains quartz, ankerite, and some pyrite. There are no wide gouge seams, as on the other structure.

I am not certain that this structure is the same as the one on the No. 2 tunnel level, but as no other vein has been cut in the north crosscut, drifts will be driven short distances east and west.

Distribution:
DMEA (orig. & 3)
USBM (2)
USBM(AD)
Docket
Fryklund

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

1201 N. Division St.
Spokane 2, Washington
February 21, 1955

MEMORANDUM

To: DMEA Field Team, Region I

From: E. G. Erickson, mining engineer, Bureau of Mines

Subject: Interim inspection, Docket No. DMEA 3071 (lead-zinc), Silver Buckle Mining Co., Shoshone County, Idaho, Contract Idm-E594

The project was inspected February 16, accompanied by George F. Krempasky, engineer, Bureau of Mines, and Gale A. Hansen, supervisor for the company.

The crosscut north had been advanced 147 feet since the last inspection on January 11, for a total crosscutting advance of 280 feet. A drift east had been driven 195 feet and a southeasterly crosscut from a point about 35 feet back from the drift face had been advanced 15 feet. A total of 490 feet of crosscutting and drifting has been completed under the contract. (Refer to Operator's monthly progress map.) A total of 1210 feet of crosscutting and drifting and 500 feet of timbering (if necessary) remains to be performed.

Results to date are not encouraging. There has been no favorable change in the structure on the new level thus far. Present plans are to advance the southeasterly crosscut to intersect the first mineralized structure cut about 85 feet east of the station in the north crosscut. When intersected the structure will be explored eastward. It is also planned to explore the structure west of the shaft.

In a letter dated February 10, 1955, accompanying the January MF-104, the Operator stated the ground conditions are such that regular timbering is not required but it is necessary to place occasional rock bolts in lieu of timber and that there should be some payment under the contract for this. The letter further states: "If you also feel that there is justification in our request we will submit cost estimates as a basis for settling this question."

The above request was discussed with Mr. Gale Hansen, and he was reminded that the agreed unit cost for crosscutting and drifting was approved with the anticipation that some difficulties such as overbreak and sloughing would undoubtedly arise due to badly sheared ground, and if the conditions warranted timbering an additional cost was to be allowed. It

appears that the present ground conditions can be taken care of by rock bolting in lieu of timber. The question is whether the present agreed unit cost is ample to offset the cost of occasional rock bolts. Therefore, Mr. Hansen was advised to review his crosscutting and drifting costs and if because of the roof bolting they are found to be in excess of the agreed unit cost he may submit the detailed costs, and a unit cost for rock bolting will be considered. Mr. Hansen agreed this was a fair way to approach their request.

E. G. Erickson

E. G. Erickson

Attachment
Cy of Oper. ltr. 2/10/55

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD
EGE/he

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Defense Minerals Administration
RECEIVED
FEB 21 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of Jan, 1955 Docket No. DMEA 3071 Contract No. IDM-E 594
Operator's Name Silver Buckle Mining Co. Minerals Lead-Zinc
Address Box 1088, Wallace Idaho
Contract Amount, $229,500.00 Government Participation: 50 % Amount, $ 114,750.00

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 Shaft	None	140,000.00	140,000.00			
Bulldozing Tunnel Rehab.	None	2,200.00	2,200.00			
Crosscutting 750 level	11,745	1,957.50	13,702.50			3/2/55 J.W.H.
Drifting						
Install Track etc.	None	1,350.00	1,350.00			
(2) Labor and Supervision:						
Labor Shaft Station	None	7,000.00	7,000.00			
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe 750level Sta.	None	3,000.00	3,000.00			
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	11,745.00	155,507.50	167,252.50	11745.00	155 507.50	167 252.50

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 2/18/55 Payee Silver Buckle Mining Co.
Per [signature] Title Vice Pres.

*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:

$ 5872.50

Signature [signature] (Authorized Certifying Officer)

Date 2/18/55 Vou. No. 1444
(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 594 in accordance with the terms of the contract.

Signature /s/ Eric G. Erickson Title Mining Engr Date 2/15/55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Stephen W. Zoldok Title Mining Engr Date 2/17/55

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Jan 195 5 Docket No. DMEA 3071 Contract No. DMI-E 594

Operator's Name Silver Buckle Mining Co. Minerals Lead-Zinc

Address Box 1088, Wallace, 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								
Crosscutting 750 Level	Ft.	11,745.00	270	13,702.50	315	43.50	1700	43.50
Raising								
Shafts	Ft.	None	None	140,000.00	800	175.00	800	175.00
Winzes 750 Level Sta.	Unit	None	None	3,000.00	1	3000.00	1	3000.00
Drilling: Core								
Churn								
Auger								
Stripping Tunnel Rehab.	Ft.	None	None	2,200.00	110	20.00	110	20.00
Trenching								
Test Pits Shaft Station	Unit	None	None	7,000.00	Unit	7000.00	Unit	7000.00
Roads and Trails								
Install track, etc.	Ft.	None	None	1,350.00	540	2.50	540	2.50
TOTAL DISTRIBUTED COSTS		11,745.00		167,252.50				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		11,745.00		167,252.50				

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

Date 2/18/55 Operator SILVER BUCKLE MINING CO.

Per [signature] Title Vice Pres.

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 872894

February 6, 1955

D.M.E.A. Field Team
1201 North Division Street
Spokane 2, Washington

Narrative Report of Silver Buckle Mng. Co.
Vindicator Project
January 1955

During the month of January, development of the 750 level advanced 270 ft. This advance makes a total of 268 feet of crosscutting and 47 ft. of drifting to the east.

The cross-cut was driven 268 feet from the shaft station, and at that point encountered the very pruple argillites, presumably of the St. Regis Formation. The shear zone of intense shearing and bleaching is approximately 130 ft. wide in this particular cross-cut. Several small stringers of quartz were cut, some containing small spots of PbS and FeS. The east drift was started along the most impressive lead cut in the cross-cut and consists of 0 to 6" of quartz and carbonates and FeS, and 2" to 6" of gouge. The wall rock on each side of the fissure is a silicious quartzite containing some quartz, and measures about 1½ ft. on each side of the lead.

The fissure to date has not shown any appreciable amount of value; however, some PbS and a little grey copper have been noted in the quartz stringers. It is believed at this time that this fissure is the same fissure which contains the PbS and Ag mineralization on the main haulage level workings. This mineralization lies about 180 ft. east of the 750 level crosscut. Our plans at the present time are to drift under this area, and at approximately 200 feet to the east, drive an additional crosscut north and south across the shear zone.

The project is working on a two shift per day, six days per week basis.

Very truly yours,

SILVER BUCKLE MNG. CO.

By _____
Gale A. Hansen
Mine Supt.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D. C.~~

1201 N. Division St.
Spokane 2, Washington
January 13, 1955

MEMORANDUM

To: DMEA Field Team, Region I

From: E. G. Erickson, Mining Engineer, Bureau of Mines

Subject: Interim report, Docket No. DMEA 3071 (lead-zinc), Silver Buckle Mining Co., Shoshone County, Idaho, Contract No. Idm-E594

The project was inspected January 11, 1955, accompanied by Mr. Gale A. Hansen, supervisor.

The shaft measured 752 feet from USBM tag No. 62 (0.0 point) to tag No. 68 set on divider at approximate sill elevation of the 750 level station. A distance of 52.5 feet was measured from tag No. 68 to the bottom of the shaft for a total of 804.5 feet, which completed the 800 feet of shaft sinking allowed by the contract.

The 750 level station and pocket had been completed and a total of 109 feet of crosscutting had been performed. The contract allowed $3,000 for the pocket and station with a minimum of 5,000 cubic feet of excavation. Total station and pocket excavation was very near 5400 cubic feet.

The crosscut north cut a shear containing a few stringers of high iron sulphide 85 feet from the north side of the 750 level station. A specimen sample of the stringers assayed 0.6 oz. Ag, 0.15 Pb and a trace of Cu. The rock being penetrated is a white to gray St. Regis quartzite.

The main shear which is the target of the crosscutting is expected to be reached the early part of February 1955.

The standard of the work performed is good and has been accomplished in an efficient and workmanlike manner.

The remaining work under the contract consists of 1591 feet of crosscutting and/or drifting and 500 feet (if necessary) of timbering.

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD
EGE/he

E. G. Erickson

Form MF-304 (Rev.)
(April 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.5

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of Dec., 1954 Docket No. DMEA [illegible] Contract No. [illegible]
Operator's Name Silver Creek Mining Co. Minerals [illegible]
Address Box 1000, Wallace, Idaho
Contract Amount, $ [illegible] Government Participation: 50% Amount, $ [illegible]

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY 3/2/55 J.W.L.: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						Bennett Betty
Drilling: Dept.	3,500.00	136,500.00	140,000.00	3500.00	136500.00	140000.00
Bulldozing: Shaft Total	None	2,200.00	2,200.00		2200.00	2200.00
Crosscutting: 750 level	1,957.50	None	1,957.50	1957.50		1957.50
Drifting						
Rockbolt Grnd., etc.	None	1,550.00	1,550.00		1550.00	1550.00
(2) Labor and Supervision:						
Labor: Shaft Station	None	7,000.00	7,000.00		7000.00	7000.00
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe: 750 level Sta.	3,000.00	None	3,000.00	3000.00	-0-	3000.00
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	8,457.50	147,050.00	155,507.50	8457.50	147,050.00	155507.50

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

Date 1/14/55 *Payee Silver Creek Mining Co.

Per [signature] Title Pres. Gen.

*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:

$4228.75

Signature [signature]
(Authorized Certifying Officer)

Date 1/26/55 Vou. No. 1419
(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. Es 594 in accordance with the terms of the contract.

Signature /S/ Eric G. Erickson Title Mining Engr. Date 1-21-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen W. Zoldok Title Mining Engr. Date 1-24-55

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MP-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Dec 1954 Docket No. DMEA 3071 Contract No. IDM-E 594
Operator's Name Silver Buckle Mining Co. Minerals Lead-Zinc
Address Box 1088, Wallace, 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								
Crosscutting 750 Level	Ft.	1,957.50	45	1957.50	45	43.50	1700	43.50
Raising								
Shafts	Ft.	3,500.00	20	140,000.00	800	175.00	880	175.00
Winzes 750 level Sta.	Unit	3,000.00	1	3,000.00	1	3000.00	1	3000.00
Drilling: Core								
Churn								
Auger								
Stripping Tunnel Rehab.	Ft.	None	None	2,200.00	110	20.00	110	20.00
Trenching								
Test Pits Shaft Station	Unit	None	None	7,000.00	1	7000.00	1	7000.00
Roads and Trails Instal Track etc.	Ft.	None	None	1,350.00	540	2.50	540	2.50
Total Distributed Costs		8,457.50		155,507.50				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		8,457.50		155,507.50				

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

Date 1/4/55 Operator Silver Buckle Mining Co.

Per [signature] Title Vice Pres.

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

Remarks:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 872894

January 6, 1955

D.M.E.A.
Field Team
U.S. Bureau of Mines
1201 North Division Street
Spokane 2, Washington

Narrative Report of Silver Buckle Mng. Co.
Vindicator Project
12/31/54

During the month of December, 1954, the Vindicator shaft was deepened an additional 24.5 feet, completing the shaft to a total depth of 804.5 ft. The shaft bottom was terminated in a massive gray quartzite and a few thin beds of purple argillites with a dip of 76°NE.

The 750 level station and pocket raise were completed. The 750 level station was cut 28' X 14' X 11' or 4312 cubic feet of rock excavation. The pocket raise consists of 1600 cubic feet. The completed unit of work consists of approximately 5912 cubic feet of rock excavation.

Just west of the shaft, a 7' X 7' X 11' drift was driven to be used as a level water sump and relay sump for a water-jet pump, which will be placed in the shaft sump bottom.

The north cross-cut was advanced 34 feet, and is 11 feet wide to allow installation of a double track, air receiver, a 25 hp. Copus fan, and a pickup pump to handle the level water. A tail drift was driven 11 feet to the south to make sufficient room for the haulage train.

At the present time, the work has been put on a two shift basis in order to complete the details of the shaft station and installation of sufficient ventilation equipment. After this work has been completed, the drifting and cross-cutting will again continue, if possible, on a three shifts per day basis.

Very truly yours,

SILVER BUCKLE MNG. CO.

By G A Hansen
Gale A. Hansen
Mine Supt.

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

Vou. No. W

Bu. Vou. No. 1418

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

Voucher prepared at Spokane 1/26/55
(Give place and date)

THE UNITED STATES, Dr., Payee's Account No. Idm-E536

To Roba and Westfall
(Payee)

Canyon City, Oregon
(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.
	November 1954	Balance withheld on Nov. MF-104 under Voucher No. 1381, 12/16/54				200.00	
PAYMENT: Complete ☐ Partial ☐ Final ☐		Use continuation sheet(s) if necessary					
Shipped from	to	Weight	Government B/L No.		Total	200.00	

(Payee must NOT use this space)

Differences _____

Account verified; correct for 200.00

(Signature or initials) MAP

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

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. W

Bu. Vou. No. 1413

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

Voucher prepared at Spokane 1/26/55
(Give place and date)

THE UNITED STATES, Dr., Payee's Account No. Idn-E536

To Robb and Westfall
(Payee)

Canyon City, Oregon
(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.
	November 1954	Balance withheld on Nov. MF-104 under Voucher No. 1381, 12/16/54				200.00	
PAYMENT: Complete ☐ Partial ☐ Final ☐		Use continuation sheet(s) if necessary					

Shipped from to Weight Government B/L No. Total 200.00

(Payee must NOT use this space)

Differences _____

Account verified; correct for 200.00

(Signature or initials) M.P.

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

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)

W

Budget Bureau No. 42-R1036.5

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 23 1954

Month of Nov., 195 4 Docket No. DMEA 3071 Contract No. IDM-E 594
Operator's Name Silver Buckle Mining Co. Minerals Lead-Zinc
Address Box 1088, Wallace Idaho
Contract Amount, $ 229,500.00 Government Participation: 50 % Amount, $ 114,750.00

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: 80 ft at 175.00						
Drilling Shaft	14,000.00	122,500.00	136,500.00	14000.00	122500.00	136500.00
Bulldozing						
Crosscutting Tunnel Rehab.	None	2,200.00	2,200.00		2200.00	2200.00
Drifting						
Install Track etc.	None	1,350.00	1,350.00		1350.00	1350.00
(2) Labor and Supervision:						
Labor Shaft Station	None	7,000.00	7,000.00		7000.00	7000.00
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						12/27/54 J.W.L.
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	14000.00	133,050.00	147,050.00	14000.00	133050.00	147050.00

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

Date 12/8/54 *Payee Silver Buckle Mining Co.

Per [signature] Title Vice Pres.

*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:

$ 7000 00

Signature [signature]
(Authorized Certifying Officer)

Date 12/16/54 Vou. No. 1382
(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 594 in accordance with the terms of the contract.

Signature /S/ Eric G. Erickson Title Mining Eng Date 12/14/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen W. Zoldok Title Mining Eng Date 12/14/54

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.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 23 1954

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Nov. 1954 Docket No. DMEA 3071 Contract No. IDM-E 594

Operator's Name Silver Buckle Mining Co. Minerals Lead-Zinc

Address Box 1088, Wallace 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								
Crosscutting								
Raising								
Shafts	ft.	14,000.00	80	136,500.00	780	175.00	800	175.00
Winzes								
Drilling: Core								
Churn								
Auger								
~~Stoping~~ Tunnel Rehab.	ft.	None	None	2,200.00	110	20.00	110	20.00
Trenching								
~~Test Pits~~ Shaft Station	Unit	None	None	7,000.00	Unit	7000.00	Unit	7,000.00
Roads and Trails								
Instal Track etc.	ft.	None	None	1,350.00	540	2.50	540	2.50
TOTAL DISTRIBUTED COSTS		14,000.00		147,050.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		14,000.00		147,050.00				

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 12/8/54 Operator Silver Buckle Mining Co.

Per [signature] Title Vice Pres.

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 872894

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 23 1954

December 6, 1954

D.M.E.A.
Field Team, Region 2
United States Bureau of Mines
N. 1201 Division
Spokane, Washington

Refer: Docket No. 3071
IDM - E594

Narrative Report of the Silver Buckle Mining Co.
Vindicator Project

During the month of November, the Vindicator Shaft was deepened an additional 80 feet, making a total depth to date of 780 feet.

Ground encountered during the month was a massive quartzite, intensely bleached, and greenish grey to white in color. At a depth of 725 feet numerous east west quartz veinlets were noted, and range from 1" to 3" wide dipping steeply to the north. Some of these quartz veinlets contained a little scattered sulfide mineralization consisting of pyrite and lead sulfides.

Preparations were made for the cutting of the 750 level station and the loading pocket as the shaft was being sunk. This additional work slowed down our progress for the month considerably.

Preparations have been completed for cold weather, and there are no immediate problems at this time.

SILVER BUCKLE MINING CO.

By G. A. Hansen
G. A. Hansen
Mine Supt.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
1201 N. Division St.
Spokane 2, Washington
November 15, 1954

MEMORANDUM

To: DMEA Field Team, Region II

From: E. G. Erickson, Mining Engineer, Bureau of Mines

Subject: Interim report, Docket No. DMEA 3071 (lead-zinc), Silver Buckle Mining Company, Vindicator Mine, Shoshone County, Idaho, Contract No. Idm-E594

The project site was visited November 5, 1954. Mr. Gale A. Hansen, supervisor, was contacted regarding progress and costs.

The shaft had been advanced a total of 710 feet (timbered) and ground advance was 10 feet below timber. September advance was 100 feet, and during October 90 feet was attained.

Two miners working together were injured on October 27 when they drilled into a "missed hole." The "missed hole" contained an estimated two sticks of powder and the electric detonator. The blast struck one miner in the face, causing him to lose his sight in one eye, and the drill casing struck the other miner in the stomach, rupturing his bladder. The Operator was requested to submit a report of the accident; a copy of his report is attached.

Progress was retarded by the accident, but the operation is about normal at the present time and shaft sinking is expected to be completed early in December 1954.

The actual overall costs of the project as of October 1, 1954 are very near the agreed costs up to that time. A cost analysis is presented in a separate memorandum dated November 15, 1954.

Eric G. Erickson
E. G. Erickson

Orig. & 3 cys - Wash.
USGS (2)
L. H. McGuire, Seattle (Health & Safety Div.)
DMEA
AD
EGE/he

Form MF-194 (Rev.)
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of Oct., 1954 Docket No. DMEA 3071 Contract No. IDM-E 594
Operator's Name Silver Buckle Mng. Co. Minerals Lead-Zinc
Address Box 1088 Wallace Idaho
Contract Amount, $ 229,500.00 Government Participation: 50% Amount, $ 114,750.00

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 Shaft	15750.00	106,750.00	122,500.00	15750.00	106750.00	122500.00
Bulldozing						
Crosscutting Tunnel Rehab.	None	2,200.00	2,200.00		2200.00	2200.00
Drifting Install Track Etc.	None	1,350.00	1,350.00		1350.00	1350.00
(2) Labor and Supervision:						
Labor Shaft Station	None	7,000.00	7,000.00		7000.00	7000.00
Supervision						
Technical Services						11/29/54 J.W.L.
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	15750.00	117,300.00	133,050.00	15750.00	117300.00	133050.00

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

Date 11/10/54 *Payee Silver Buckle Mining Co.

Per [signature] Title Vice Pres.

*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:

$ 7875.00

Signature [signature] (Authorized Certifying Officer)

Date 11/18/54 Vou. No. 1361

(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-594 in accordance with the terms of the contract.

Signature /S/ Eric G Erickson Title Mining Eng Date 11/15/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen W Zolchok Title Mining Eng Date 11/15/54

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

INSTRUCTIONS

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

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

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

GPO 872894

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

RECEIVED NOV 22 1954

Month of Oct. 1954 Docket No. DMEA 3071 Contract No. IDM-E 594

Operator's Name Silver Buckle Mining Co. Minerals Lead-Zinc

Address Box 1088, Wallace 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								
Crosscutting								
Raising								
Shafts	Ft.	15750.00	90	122,500.00	700	175.00	800	175.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping Tunnel Rehab.	Ft.	None	None	2,200.00	110	20.00	110	20.00
Trenching								
Test Pits Shaft Station	Unit	None	None	7,000.00	Unit	7,000.00	Unit	7,000.00
Roads and Trails								
Instal Track etc.	Ft.	None	None	1,350.00	540	2.50	540	2.50
Total Distributed Costs		15,750.00		133,050.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		15,750.00		133,050.00				

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 11/10/54 Operator Silver Buckle Mining Co.

Per [signature] Title Vice Pres.

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)

DMEA
Field Team, Region 2
United States Bureau of Mines
N. 1201 Division
Spokane, Washington

Refer: Docket No. DMEA 3071
IDM - E594

Narrative Report of the Silver Buckle Mining Co.
Vindicator Project

During the month of October, the Vindicator Shaft was deepened an additional 90 feet, making a total depth to date of 700 feet.

Progress was held up during the month because of a mechanical breakdown of the sinking hoist, which required about two days for completion of repairs. Our operation was hampered somewhat when, unfortunately, two veteran shaft miners drilled into a missed hole. One man received injuries in the right groin, and the other man lost sight of one eye. Both miners are recovering rapidly from the accident in the Wallace Hospital.

Ground encountered during the month has been principally broken and fractured argillites. Because of the nature of the ground, it required additional timbering and blocking. At a depth of 677 feet, a quartz lens or possible vein was cut. The quartz contained a little siderite and pyrite, but no other sulfides were noted.

At the 700 foot mark, practically the entire bottom is in a hard intensely bleached gray to greenish white quartzite. There has been no great increase in ground water to date, and it does not offer a problem at this time.

SILVER BUCKLE MINING CO.

By Gale A. Hansen
Gale A. Hansen
Mine Supt.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
NOV 8 1954

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of Sept, 1954 Docket No. DMEA 2071 Contract No. [illegible]-3534
Operator's Name Silver Buckle Mining Co. Minerals Lead-Zinc
Address Box 1030, Wallace Idaho
Contract Amount, $ 229,500.00 Government Participation: 50% Amount, $ 114,750.00

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:						11/10/54. J.W.L.
Drilling Shaft	17,500.00	89,250.00	106,750.00			
Bulldozing						
Crosscutting Tunnel Shaft.	None	8,800.00	8,800.00			
Drifting						
Install Frame etc.	None	1,550.00	1,550.00			
(2) Labor and Supervision:						
Labor Shaft Station	None	2,000.00	2,000.00			
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	17,500.00	99,800.00	117,300.00	17500.00	99800.00	117300.00

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

Date 10/27/54 Payee Silver Buckle Mining Co.

Per [signature] Title Pres.

*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:

$ 87.50 00

Signature [signature]
(Authorized Certifying Officer)

Date 11/3/54 Vou. No. 1339
(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. E594 in accordance with the terms of the contract.

Signature /s/ Eric G. Erickson Title Mining Engr Date 11/1/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Thomas E Howard Title Mining Engr Date 11/1/54

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.

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Sept 1954 Docket No. DMEA 3071 Contract No. IDM-3594
Operator's Name Silver Buckle Mining Co. Minerals Lead-Zinc
Address Box 1088 Wallace 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								
Crosscutting								
Raising								
Shafts	Ft.	17,500.00	100	106,750.00	610	175.00	800	175.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping Tunnel Rehab.	Ft.	None	None	2,200.00	110	20.00	110	20.00
Trenching								
Test Pits Shaft Station	Unit	None	None	7,000.00	Unit	7,000.00	Unit	7,000.00
Roads and Trails								
Install track, etc.	Ft.	None	None	1,350.00	540	2.50	540	2.50
TOTAL DISTRIBUTED COSTS		17,500.00		117,300.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		17,500.00		117,300.00				

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 10/15/54 Operator Silver Buckle Mng. Co.

Per [signature] Title Vice Pres.

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

Defense Minerals Administration
RECEIVED
SEP 8 - 1954

Sept 6, 1954

D.M.E.A.
Field Team, Region 2
United States Bureau of Mines
N.1201 Division
Spokane, Washington

Refer: Docket No. DMEA 3071
IDM - E594

Narrative Report of the Silver Buckle Mining Co.
Vindicator Project

During the month of September the Vindicator shaft was deepened an additional 100 ft., making a total depth to date of 610 feet.

Ground encountered during the month has been principally of purple argillites, quite badly fractured and broken, and suggestive of small drag folds and crumpling of the original beds, and the bedding plains are very obscure.

No mineralization or intense faulting was encountered. However, the change from hard gray quartzites with their thin beds of argillites to the fractured and crumpled bed of purple argillites is an interesting change in formation, which has not been noted before.

Ground water encountered thus far in the shaft has been very moderate, and has offered little or no obstacle in the project.

SILVER BUCKLE MINING CO.

By G. A. Hansen
G. A. Hansen
Mine Supt.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
1201 N. Division St.
Spokane 2, Washington
September 28, 1954

MEMORANDUM

To: DMEA Field Team, Region II

From: E. G. Erickson, Mining Engineer, Bureau of Mines

Subject: Interim report, Silver Buckle Mining Co., Shoshone County, Idaho, Docket No. DMEA 3071 (lead-zinc), Contract Idm-E594

Mr. Gale A. Hansen was contacted at the mine office on September 10, 1954. The shaft sinking was progressing satisfactorily. The increased flow of water encountered earlier in the sinking program has moderated and presents no problem at this time.

The shaft had been advanced a total of 540 feet. Operator's monthly reports include the geology of the formation being penetrated.

The project is being operated very efficiently, and the standard of work is good. A brief analysis of the costs of shaft sinking made with Mr. Hansen indicates the overall costs are very near the agreed unit cost.

The present rate of advance indicates the shaft sinking will be completed and the crosscutting started during December 1954.

E. G. Erickson

E. G. Erickson

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD
EGE/he

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

September 15, 1954

Memorandum

To: DMEA Field Team, Region II

From: Verne C. Fryklund, Geologist, Geological Survey

Subject: Inspection, Docket No. DMEA-3071 (lead-zinc), Silver Buckle Mining Company, Vindicator mine, Shoshone County, Idaho, Contract No. Idm-E594

I made my first visit to the Silver Buckle property (Vindicator) September 8, 1954. Shaft sinking is continuing with the shaft at 515 feet that morning. I examined accessible portions of the adit level. No further inspections will be made until the shaft is finished and drifting started.

Distribution:
DMEA (Orig. & 3)
USBM (2)
Docket
Fryklund

Form MF-114 (Rev.)
(April 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.5

Defense Minerals Administration
RECEIVED
SEP 27 1954

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of Aug, 1954 Docket No. DMEA 3071 Contract No. 1XX-3694
Operator's Name Silver Buckle Mining Co. Minerals Lead-Zinc
Address Box 1088, Wallace Idaho
Contract Amount, $ 229,500.00 Government Participation: 50 % Amount, $ 114,750.00

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: Smart	16,625.00	72,624.00	89,249.00	16625.00	72624.00	89249.00
Correction error of May 1954			1.00	1.00		
			89,250.00			
Drilling						
Bulldozing						
Crosscutting Tunnel Rehab.	None	None	2,200.00		2200.00	2200.00
Drifting						
Install Track etc.	None	None	1,350.00		1350.00	1350.00
(2) Labor and Supervision: Labor Shaft Station	None	None	7,000.00		7000.00	7000.00
Supervision						
Technical Services						9/29/54 J.W.A.
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	~~16625.00~~	~~83,174.00~~	~~99,800.00~~	16626.00	83174.00	99800.00

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

Date 9/17/54 *Payee Silver Buckle Mining Co.

Per [signature] Title Vice Pres.

*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:

$ 8313.00

Signature [signature]
(Authorized Certifying Officer)

Date 9/23/54 Vou. No. 1298
(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. E594 in accordance with the terms of the contract.

Signature /S/ Eric G. Erickson Title Mining Engr Date 9/20/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen W. Foldok Title Mining Engr Date 9/20/54

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.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 27 1954

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

Month of Aug 1954 Docket No. DMEA 3071 Contract No. IDM-2594
Operator's Name Silver Buckle Mining Co. Minerals Lead-Zinc
Address Box 1688, Wallace, 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								
Crosscutting								
Raising								
Shafts	Ft.	16625.00	95	89,249.00				
Winzes Correction error of May 1954				1.00				
Drilling: Core				89,250.00	510	175.00	800	175.00
Churn								
Auger								
Stripping Tunnel Rehab.	Ft.	None	None	2,200.00	110	20.00	110	20.00
Trenching								
Test Pits Shaft Station	Unit	None	None	7,000.00	Unit	7000.00	Unit	7000.00
Roads and Trails								
Install Track etc.	Ft.	None	None	1,350.00	540	2.50	540	2.50
TOTAL DISTRIBUTED COSTS		16,625.00		99,800.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		16,625.00		99,800.00				

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 9/13/54 Operator Silver Buckle Mng. Co.
Per [signature] Title Vice Pres.

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 872894

Sept. 6, 1954

D.M.E.A.
Field Team Region 2
United States Bureau of Mines
N. 1201 Division
Spokane, Washington

Refer: Docket No. DMEA 3071
IDM - E 594

Narrative Report of the Silver Buckle Mng. Co.
Vindicator Project

We have made the correction of the $1.00 error which occurred in May 1954 report as you suggested in your letter of Sept 1, 1954. Enclosed is a copy of your letter as you requested in order to correct the totals on the forms MF-104 and MF-104A.

During the month of August the shaft was deepened from 415 ft. to 510 ft., or a depth of 95 ft. The 400 level station was excavated to the dimensions of 8' X 8' X 10' and houses a 1½ MRV 30 electric pump and a water sump. The 400 level station is not included in the DMEA contract, and was constructed at company expense.

Ground encountered during the month was principally hard gray quartzites and thin beds of argillites. No mineralization or mineralized structure was noted.

Ground water remains very moderate, and does not offer a problem at this time.

Very truly yours,

SILVER BUCKLE MINING CO.

By G. A. Hansen
Gale A. Hansen
Mine Supt.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~

1201 N. Division St.
Spokane 2, Washington
August 24, 1954

MEMORANDUM

To: DMEA Field Team, Region II

From: E. G. Erickson, Mining Engineer, Bureau of Mines

Subject: Interim report, Docket No. DMEA 3071 (lead-zinc), Silver Buckle Mining Co., Shoshone County, Idaho, Contract Idm-E594

The exploration project site was inspected August 24, 1954 accompanied by Mr. Gale A. Hansen, mine superintendent.

USBM brass survey tag No. 62 is located in the southwest corner of the north shaft compartment on the north side of the divider. The top of the tag is the 0.0 point of the shaft. The tape distance from the 0.0 point to the center line of the bottom timber was 471.3 feet. A total of 94 sets on 5' centers had been placed, and the ground was broken 12 feet ahead of timber.

A pump station approximately 13x7x11 was cut at the 400 foot level and a shaft bearing set was placed.

The standard of work and progress are good. Present rate of advance indicates project will be completed well within the present expiration date of April 12, 1956.

Following is a tabulation of contract work items, agreed cost and percentage completed:

	Item of Work	Allowed cost	% completed
1.	540 ft. track, air, water and vent pipe	$1,350.00	100
2.	Enlarging and rehabilitating crosscut	2,200.00	100
3.	Shaft sinking and timbering 800 feet	140,000.00	60
4.	Crosscutting and drifting 1700 feet	73,950.00	none
5.	Timbering 500 feet	2,000.00	none
6.	Cutting station & pocket on adit level	7,000.00	100
7.	Cutting station and pocket on 750 level	3,000.00	none

E. G. Erickson

Orig. &b3 cys - Wash.
USGS (2)
DMEA
M/D
AD
EGE/he

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

Budget Bureau No. 42-R1036.5

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

Month of July, 1954 Docket No. DMEA 3071 Contract No. IDM-E594
Operator's Name Silver Buckle Mining Co. Minerals Lead-Zinc
Address Box 1088 Wallace, Idaho
Contract Amount, $ 229,500.00 Government Participation: 50 % Amount, $ 114,750.00

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 Shaft	16275.00	56,349.00	72,624.00			Berry
Bulldozing						
Crosscutting Tunnel Rehab.	None	2,200.00	2,200.00			9/13/54 J.W.A.
Drifting						
Install track etc.	None	1,350.00	1,350.00			
(2) Labor and Supervision:						
Labor Shaft Station	None	7,000.00	7,000.00			
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	16275.00	66,899.00	83,174.00	16275.00	66 899.00	83174.00

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

Date Aug 12, 1954 Payee Silver Buckle Mining Co.

Per [signature] Title Vice Pres.

*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:

$ 8137 50

Signature MJP
(Authorized Certifying Officer)

Date 8/26/50 Vou. No. 1261
(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. 6594 in accordance with the terms of the contract.

Signature /S/ Eric G. Erickson Title Mining Eng. Date 8/24/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen W. Zoldok Title Mining Eng. Date 8/26/54

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.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 1954 Docket No. DMEA 3071 Contract No. IDM-E594

Operator's Name Silver Buckle Mining Co. Minerals Lead -Zinc

Address Box 1088 Wallace, 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								
Crosscutting								
Raising					415			
Shafts	Ft.	16275.00	93	72,624.00	~~405~~	175.00	800	175.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Tunnel Rehab.	Ft.	None	None	2,200.00	110	20.00	110	20.00
Trenching								
Test Pits								
Shaft Station	Unit	None	None	7,000.00	Unit	7000.00	Unit	7000.00
Roads and Trails								
Install track etc.	Ft.	None	None	1,350.00	540	2.50	540	2.50
TOTAL DISTRIBUTED COSTS		16275.00		83,174.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
		16275.00		83,174.00				
TOTAL COSTS								

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

Date Aug 12, 1954 Operator Silver Buckle Mining Co.

Per [signature] Title Vice Pres.

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 872894

August 6, 1954

DMEA
Field Team, Region 2
United States Bureau of Mines
N. 1201 Division
Spokane, Washington

Refer: Docket No. DMEA 3071
IDM - E594

Narrative Report of the Silver Buckle Mining Co.
Vindicator Project

During the month of July, the Vindicator shaft was sunk 93 ft., making a total depth of 405 ft. At the 400 ft. mark a complete set of bearing timbers were installed, and preparations were made to cut a small 400 ft. level station for the installation of a sump box and water pumping equipment.

At a depth of 327 ft, a slight showing of copper stained quartzite was encountered along a steeply dipping slip with a north south trend. The showing was not strong or persistent, and was noted only for a few feet of depth.

Several small ½ inch to 1 inch quartz veinlets with minor pyrite have been encountered. These veinlets are fillings in the east west fractures of the general east west shear. No other mineral other than pyrite has been noted.

The work is progressing satisfactorily on a three shift, six day a week basis.

Very truly yours,

SILVER BUCKLE MINING CO.

By G. A. Hansen, Mine Supt.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
1201 N. Division St.
Spokane 2, Washington
July 26, 1954

MEMORANDUM

To: DMEA Field Team, Region II

From: E. G. Erickson, Mining Engineer, Bureau of Mines

Subject: Interim report, Silver Buckle Mining Co., Shoshone County, Idaho, Contract No. Idm-E594, Docket No. DMEA 3071 (lead-zinc)

Mr. Gale Hansen, supervisor on the project, was contacted at the project site on July 21, 1954.

The 74th set (370 feet) had been timbered and the bottom was advanced about 12 feet ahead of timber. The Operator bills ground advance. There is no harm in billing for the untimbered section on the MF-104 as it is timbered as soon as "mucked out", and final payment will be made on the completed shaft.

The standard of work and progress are good.

E. G. Erickson

Orig. & 3 cys - Wash.
USGS (2)
DMEA
AD
EGE/he

Form M E-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Defense Minerals Administration
RECEIVED
JUL 30 1954

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of June, 1954 Docket No. DMEA 3071 Contract No. IDM-E594
Operator's Name Silver Buckle Mining Co. Minerals Lead-Zinc
Address Box 1088, Wallace Idaho
Contract Amount, $ 229,500.00 Government Participation: 50% Amount, $ 114,750.00

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:						8/3/54 J.W.A.
Drilling Shaft	17,500.00	38,849.00	56,349.00	17500.00	38849.00	56349.00
Bulldozing Tunnel Rehab.	None	2,200.00	2,200.00		2200.00	2200.00
Crosscutting						
Drifting						
Install Track etc.	None	1,350.00	1,350.00		1350.00	1350.00
(2) Labor and Supervision:						
Labor Shaft Station	None	7,000.00	7,000.00		7000.00	7000.00
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	17,500.00	49,399.00	66,899.00	17500.00	49399.00	66899.00

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

Date 7/12/54 *Payee Silver Buckle Mining Co.

Per [signature] Title Vice Pres.

*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:

$ 8750.00

Signature [signature]
(Authorized Certifying Officer)

Date 7/26/54 Vou. No. 123
(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 594 in accordance with the terms of the contract.

Signature 1st Earl G. Erickson Title Mining Engr Date 7/26/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature 1st Stephen W Zoldok Title Mining Engr Date 7/26/54

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.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

Department of the Interior
Defense Minerals Administration
RECEIVED
JUL 30 1954

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of June 1954 Docket No. DMEA 3071 Contract No. IDM-E594
Operator's Name Silver Buckle Mining Co. Minerals Lead-Zinc
Address Box 1088, Wallace, 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								
Crosscutting								
Raising								
Shafts	Ft.	17,500.00	100	56,349.00	322	175.00	800	175.00
Winzes								
Drilling: Core								
Churn								
Auger								
~~Stripping~~ Tunnel Rehab.	Ft.	None	None	2,200.00	110m	20.00	110	20.00
Trenching								
Test Pits Shaft Station	Unit	None	None	7,000.00	Unit	7000.00	Unit	7,000.00
Roads and Trails								
Install Track etc.	Ft.	None	None	1,350.00	540	2.50	540	2.50
TOTAL DISTRIBUTED COSTS		17,500.00		66,899.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		17,500.00		66,899.00				

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 7/12/54 Operator Silver Buckle Mining Co.

Per [signature] Title Vice Pres.

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

REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 872894

Department of the Interior
Bureau of Mines Administration
RECEIVED
JUL 30 1954

July 6, 1954

DMEA
Field Team, Region 2
United States Bureau of Mines
N. 1201 Division
Spokane, Washington

Refer: Docket No. DMEA 3071
IDM - E594

Narrative Report of the Silver Buckle Mining Co.
Vindicator Project

During the month of June, the Vindicator shaft was sunk 100 ft., making a total depth of 322 ft. At a depth of approximately 240 ft. an almost vertical North South slip containing a small water course was encountered, and it was necessary to install pumping equipment. This equipment consists of a 4" pump column, a No. 2 600 volt electric cable, electrode lines, an MRV. 25 electric pump, and one Ingersal Rand 35 sump pump.

At a depth of 270 ft. a small horizontal fault was crossed. The fault contained about 6" of gouge, some quartz, but no sulfides or intense oxidation. A considerable amount of water was flowing from the fault, but later it drained down to about $1\frac{1}{2}$ to 2 gal. flow per minute.

Ground encountered during the last 100 ft. has been primarily a hard, fine grain, massive gray quartzite containing a few small stringers of quartz and pyrite, and becoming slightly more bleached as the shaft reaches more depth. The quartzite formation is dipping 80° to 83° N.E.

Very truly yours

SILVER BUCKLE MINING CO.

By G A Hansen
Gale A. Hansen, Mine Supt.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of May, 1954 Docket No. DMEA 3071 Contract No. IDM - B 594
Operator's Name Silver Buckle Mining Co. Minerals Lead - Zinc
Address Box 1093 Wallace, Idaho
Contract Amount, $ 229,500.00 Government Participation: 50 % Amount, $ 114,750.00

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 Shaft	20,824.00	18,025.00	38,849.00			
Bulldozing Runnel Rehab.	None	2,200.00	2,200.00			
Crosscutting						
Drifting						
Install Track etc.	None	1,350.00	1,350.00			
(2) Labor and Supervision:						
Labor Shaft Station	None	7,000.00	7,000.00			
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	20,824.00	28,575.00	49,399.00	20,824.00	28,575.00	49,399.00

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

Date 6/8/54 *Payee Silver Buckle Mining Co.

Per [signature] Title Vice Pres.

*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:

$ 10412.00

Signature MDP
(Authorized Certifying Officer)

Date 6/18/54 Vou. No. 1192
(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. E594 in accordance with the terms of the contract.

Signature /S/ Eric G. Erickson Title Mining Engr. Date 6/16/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen W. Zoldok Title Mining Engr. Date 6/16/54

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 May 1954 Docket No. DMEA 3071 Contract No. IDM - E594

Operator's Name Silver Buckle Mining Co.

Address Box 1688 Wallace, Idaho

Minerals Lead-Zinc

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts	Ft.	20,824.00	119	38,849.00	222	175.00	800	175.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping Tunnel Rehab.	Ft.	None	None	2,200.00	110	20.00	110	20.00
Trenching								
Test Pits Shaft Station	Unit	None	None	7,000.00	Unit	7,000.00	Unit	7,000.00
Roads and Trails								
Install track etc.	Ft.	None	None	1,350.00	540	2.50	540	2.50
TOTAL DISTRIBUTED COSTS		20,824.00		49,399.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		20,824.00		49,399.00				

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 6/8/54 Operator Silver Buckle Mining Co

Per [signature] Title Vice Pres.

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)

1.00 error - our favor.

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

Silver Buckle Mining Company

Box 469

Wallace, Idaho

June 5, 1954

DMEA
Field Team, Region 2
United States Bureau of Mines
N. 1201 Division
Spokane, Washington

Refer: Docket No. DMEA 3971
IDM - E594

Narrative Report of the Silver Buckle Mining Co.
Vindicator Project

During the month of May, the Vindicator shaft was sunk 119 ft., making a total depth of 222 ft. Ground encountered thus far has been quartzites and argillites of the St. Regis formation, and is indicated in respective color on the progress map accompanying this report. No mineralization has been encountered in the shaft except a few showing of pyrite crystals which have been deposited along slips and fractures in the hard fine grain quartzites. No increase in ground water has been encountered, and pumping has not been necessary.

The Vindicator Project was organized under Mine, Mill, & Smelter Workers Union, Local 18. Work will continue on a 6 day per week basis, and along the same agreement as the Big 16 Operators have with Mine, Mill, & Smelter Workers Union.

One more man was employed to help with the handling of muck, dumping facilities, timber and supplies. Our labor force now consists of 12 men.

Very truly yours,

SILVER BUCKLE MINING CO.

By G A Hansen
Gale A. Hansen, Mine Supt.

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

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

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

Month of April, 1954 Docket No. DMEA 3071 Contract No. IDM-E594
Operator's Name Silver Buckle Mining Co. Minerals Lead-Zinc
Address Box 1088, Wallace Idaho
Contract Amount, $ 229,500.00 Government Participation: 50 % Amount, $ 114,750.00

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:						5/27/54 - J.W.A.
~~Drilling~~ Shaft				18025.00	—	18025.00
~~Bulldozing~~ Tunnel Rehab.	None	2200.00	2200.00		2200.00	2200.00
Crosscutting						
Drifting Install track etc.	None	1350.00	1350.00		1350.00	1350.00
(2) Labor and Supervision: ~~Labor~~ Shaft Station	None	7000.00	7000.00		7000.00	7000.00
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track Shaft	18025.00	None	18025.00	—	—	—
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$18025.00	$10550.00	$28575.00	18025.00	10550.00	28575.00

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

Date May 19, 1954 *Payee Silver Buckle Mining Co.

Per [signature] Title Vice Pres.

*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:

$ 9012.50

Signature [signature]
(Authorized Certifying Officer)

Date 5/18/54 Vou. No. 1172
(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. E594 in accordance with the terms of the contract.

Signature /S/ Eric G. Erickson Title Mining Engr Date 5/13/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen W Zoldok Title Mining Eng Date 5/13/54

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-R1151.1
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of April 1954 Docket No. DMEA 3071 Contract No. IDM-E594
Operator's Name Silver Buckle Mining Co. Minerals Lead-Zinc
Address Box 1038, Wallace 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								
Crosscutting								
Raising								
Shafts	Ft.	18025.00	103	18025.00	103	175.00	800	175.00
Winzes								
Drilling: Core								
Churn								
Auger								
***** Stripping Tunnel Rehab.	Ft.	None	None	2200.00	110	20.00	110	20.00
Trenching								
***** Test Pits Shaft Station	Unit	None	None	7000.00	Unit	7000.00	Unit	7000.00
Roads and Trails								
Install track Etc.	Ft.	None	None	1350.00	540	2.50	540	2.50
TOTAL DISTRIBUTED COSTS		18025.00		28575.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		18025.00		28575.00				

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

Date May 10, 1954 Operator Silver Buckle Mining Co.

Per [signature] Title Vice Pres.

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

Silver Buckle Mining Company
Box 469
Wallace, Idaho

May 5, 1954

DMEA
Field Team, Region 2
United States Bureau of Mines
N. 1201 Division
Spokane, Washington

Refer: Docket No. DMEA 3071
IDM - E594

Narrative Report of the Silver Buckle Mining Co.
Vindicator Project

The company has commenced work of the actual sinking of the Vindicator shaft, and during the month of April a depth of 103 feet was reached. This depth is indicated on the accompanying progress map in yellow color.

You will note that the shaft was collared and sunk to a 10 ft. depth prior to completing the shaft station. The total depth of 103 feet is from the shaft collar set to the bottom. This footage of 103 feet is reported on the form MF-104 accompanying this narrative.

To date, very little water has been encountered, and little pumping has been necessary. The ground encountered to date is of very hard purple argillites and grey quartzites, which has offered some difficulty in breaking. It was necessary to use 60% dynamite to pull the ground with a minimum of bootleg.

The work is progressing satisfactorily with an unchanged labor force of 11 men.

Very truly yours,

SILVER BUCKLE MINING CO.

By Gale A. Hansen, Mine Supt.

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

1201 N. Division St.
Spokane 2, Washington
April 30, 1954

MEMORANDUM

To: DMEA Field Team, Region II

From: E. G. Erickson, Mining Engineer, Bureau of Mines

Subject: Interim report, Silver Buckle Mining Co., Shoshone County, Idaho, Contract Idm-E594, Docket No. DMEA 3071 (lead-zinc)

The project site was inspected April 26, 1954, accompanied by Mr. Gale Hansen, mine foreman.

All work items preliminary to actual shaft sinking have been completed and the shaft bottom had been advanced 80 feet. A total of 14 sets had been placed on 5-foot centers, and the ground was 10 feet in advance of the last set timbered.

The shaft work is being performed on a 3-shift per day, 6-day week schedule. The working crew includes two contract miners and a hoist man per shift, and a motorman and mechanic (handy-man) on day shift.

Last week a total of 23 feet advance was attained, and the average daily advance was 3.8 feet. Although the operation employs hand shoveling, the Operator believes he can increase the daily advance to at least 5 feet per day.

Standard of work remains good.

Following is a tabulation of contract work items, agreed cost and percentage completed:

	Item of Work	Allowed cost	% completed
1.	540 feet of track, air, water, and vent pipes	$1,350.00	100
2.	Enlarging and rehabilitating crosscut	2,200.00	100
3.	Shaft sinking and timbering 800 feet	140,000.00	10
4.	Crosscutting and drifting 1700 feet	73,950.00	none
5.	Timbering 500 feet	2,000.00	none
6.	Cutting station and pocket on adit level	7,000.00	100
7.	Cutting station and pocket on 750 level	3,000.00	none

Orig. & 3 cys - Wash.
USGS (2)
DMEA--MD--AD--EGE/he

E. G. Erickson
E. G. Erickson

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

W

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Defense Minerals Administration
RECEIVED
APR 29 1954

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of March, 1954 Docket No. DMEA 3071 Contract No. [illegible]
Operator's Name Silver Buckle Mining Co. Minerals Lead-Zinc
Address Box 1023, Wallace Idaho
Contract Amount, $ 220,500.00 Government Participation: 50% Amount, $ 114,750.00

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 Tunnel Rehab.	None	2200.00	2200.00			
Crosscutting						
Drifting						
Install Track etc.	None	1350.00	1350.00			
(2) Labor and Supervision:						
Lower Shaft Station	$7000.00	None	7000.00	7000.00		
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$7000.00	$3550.00	$10550.00	7000.00	3550.00	10550.00

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

Date April 9, 1954 *Payee Silver Buckle Mining Co.

Per [signature] Title Vice Pres.

*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:

$ 3500.00

Signature [signature]
(Authorized Certifying Officer)

Date 4/23/54 Vou. No. 1145
(See other side)

5/3/54 J.W. [illegible]

(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. E594 in accordance with the terms of the contract.

Signature /S/ Eric H. Erickson Title Mining Engr Date 4/16/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen W Zoldok Title Mining Engr Date 4/16/54

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-R1151.1
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 29 1954

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of March 1954 Docket No. DMEA 3071 Contract No. IDM-E594
Operator's Name Silver Buckle Mining Co. Minerals Lead-Zinc
Address Box 1088, Wallace 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								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
~~Stripping~~ Tunnel Rehab.	Ft.	None	None	2200.00	110	$ 20.00	110	$20.00
~~Trenching~~ Shaft Station	*Unit	7000.00	*Unit	7000.00	*Unit	$7000.00	*Unit	$7000.00
Test Pits								
Roads and Trails								
Install Track etc.	Ft.	None	None	1350.00	540	$2.50	540	$ 2.50
TOTAL DISTRIBUTED COSTS		$7000.00		$10550.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$7000.00		$10550.00				

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.

*Unit complete 15000 Cu. Ft.

Date April 9, 1954 Operator Silver Buckle Mining Co.

Per [signature] Title Vice Pres.

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

DEPARTMENT OF THE INTERIOR
Bureau of Mines Contractor Inq
RECEIVED
MAY 29 1954

April 5, 1954

DMEA
Field Team, Region 2
United States Bureau of Mines
N. 1201 Division
Spokane, Washington

Refer: Docket No. DMEA 3071
IDM - E594

Narrative Report of the Silver Buckle Mining Co.
Vindicator Project

The company has completed the third unit of work as specified under the DMEA Contract as "Cut a station and pocket, at least 15,000 cubic feet of rock excavation, at the proposed shaft site". The completed shaft station and pocket raise at the Silver Buckle's Vindicator Project consists of approximately 18,500 cubic feet of rock excavation. This unit of work is now completed, and all necessary shaft sinking machinery and equipment has been installed, and the actual sinking of the shaft is now underway on a three shift basis, six days per week.

The machinery and equipment installed underground at the Mine to date consist of the following:

650 feet of #4 2300 volt lead-covered cable
Three 50 KVA transformers
One 7.5 KVA transformer
One Couer d'Alene 75 hp. sinking hoist
All necessary switches, magnetic switches, and signal system, etc.
Two sheave wheels - 1 top sheave 42 in., & 1 36 in. fleet sheave wheel
A 22 cubic foot skip and crosshead
Dump plates
Chute lips
One tugger hoist
Sinking pan

Some mechanical difficulty was experienced with the compressor during the last week, and it was necessary to install a new main crank shaft. The new crank shaft was at the Mine previous to our operation, and apparently previous operators had trouble with this unit and were keeping an extra shaft on hand.

The shaft station is 40 feet long, 14 feet wide, and approximately 9 feet high. The station brow is 14 feet high. The hoist was mounted on a reinforced concrete pedestal. The station consists of a 12 foot section of steel turnsheet in front of the shaft station. The remainder of the floor is concrete. Both sheave wheels were mounted on reinforced concrete abuttments.

We now have a total of eleven men employed, six shaft men, three hoist men, one motor man, and one mechanic. As the shaft reaches a greater depth the shaft crew will be increased to eight men, making a total of a 13 man crew.

Very truly yours,

SILVER BUCKLE MINING CO.

By G.A. Hansen

G.A. Hansen
Mine Supt.

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

1201 N. Division St.
Spokane 2, Washington
March 29, 1954

MEMORANDUM

To: DMEA Field Team, Region II

From: E. G. Erickson, Mining Engineer, Bureau of Mines

Subject: Interim report, Silver Buckle Mining Co., Shoshone County, Idaho, Contract Idm-E594, Docket No. DMEA 3071 (lead-zinc)

Mr. G. A. Hansen, mine foreman, was contacted March 9, 1954 at the project site.

The 110 feet of crosscut enlarging set forth in Item #2 under "Description of the Work" had been completed.

The shaft station had been excavated and the shaft sunk 10 feet and collared. The pocket raise excavation was near completion, and the rope raise was about 40% complete. (For station detail see Operator's progress map accompanying his MF-104.)

The Operator increased the rate of progress by employing a third shift. Progress and standard of work are good. Present progress indicates all preliminary work items will be completed during March and actual sinking will be started and should be on cycle early in April.

Following is a tabulation of contract work items, agreed cost and percentage completed:

Item of Work	Allowed cost	% completed
1. 540 ft. of track, air, water, and vent pipes @ $2.50/ft.	$ 1,350.00	100
2. Enlarging and rehabilitating crosscut, 110 feet @ $20/ft.	2,200.00	100
3. Shaft sinking and timbering 800 feet @ $175.00/ft.	140,000.00	1
4.		none
5.		none
6. Cutting of station and pocket on adit level	7,000.00	80
7.		none

E. G. Erickson
E. G. Erickson

Orig. & 3 cys - Wash.
USGS (2)
DMEA--M/D--AD--EGE/he

Form MF-1[illegible] (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 February 195 4 Docket No. DMEA 3071 Contract No. IDM-[illegible]594
Operator's Name Silver Buckle Mining Co. Minerals Lead-Zinc
Address Box 1068, Wallace Idaho
Contract Amount, $ 229,500.00 Government Participation: 50 % Amount, $ 114,750.00

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	300.00	1900.00	2200.00	300.00		
Bulldoz. Tunnel Repab. 10 hr. @ 30.00						
Crosscutting						
Drifting						
Install track etc. 540 ft. @ 2.50 /ft.	none	1350.00	1350.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	300.00	3250.00	3550.00	300.00	3250.00	3550.00

Pattey 4/5/54 J.W.[illegible]

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

Date March 8 1954 Payee Silver Buckle Mining Co.

Per [signature] Title Vice Pres

*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:

$ 150.00

Signature [signature] (Authorized Certifying Officer)

Date 3/17/54 Vou. No. 1114

(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. E594 in accordance with the terms of the contract.

Signature /S/ Eric G Erickson Title Mining Engr Date 3/15/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen W Zoldok Title Mining Engr Date 3/15/54

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 February 1954 Docket No. DMEA 3071 Contract No. IMI-2594
Operator's Name Silver Buckle Mining Co. Minerals Lead-Zinc
Address Box 1083, Wallace 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								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Tunnel Rehab.	Ft.	300.00	15	2200.00	110	$20.00	110	$20.00
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Install track etc.	Ft.	none	none	1350.00	540	$2.50	540	$2.50
TOTAL DISTRIBUTED COSTS		$300.00		$3550.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$300.00		$3550.00				

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 March 8 1954 Operator Silver Buckle Mining Co.

Per [signature] Title Vice Pres.

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

March 1, 1954

DMEA
Field Team, Region 2
United States Bureau of Mines
N. 1201 Division
Spokane, Washington

Refer: Docket No. DMEA 3071
IDM - E594

Narrative Report of the Silver Buckle Mining Co.
Vindicator Project

We wish to report the following work completed under the terms of DMEA contract:

Both the first and second units of work have now been completed. The first unit was completed in January 1954. A description of that unit was made in the narrative for that month. The second unit, now completed, specifies, "The rehabilitation of 110 feet of the cross-cut on the main adit level to the proposed shaft site, and enlargement from 5'X 7' to 8' X 8'. Ninety five feet of this work was completed in January, and the remaining 15 feet was completed in February as indicated in red color on the progress map.

The company continued the rehabilitation of the main adit level, an additional 39 feet, at their own expense. This work was done to make more room for the haulage train, and to gain access to the old workings which will be used to some extent as underground storage area.

The third unit of work specifies, "Cut a shaft station of at least 15,000 cubic feet of rock excavation at the proposed shaft site". This excavation includes the shaft station, shaft raise, and the shaft pocket. This work is indicated in red color on the progress map accompanying this report.

The ground conditions encountered at the shaft station site are good, and timbering is not required at this time. Some roof bolting was done to prevent any unforseen rock falls. The company is not submitting an MF-104 form on this third unit of work at this time, but will do so upon completion of this unit.

The project is now working three shifts, six days per week, and employing eight men.

Very truly yours,

SILVER BUCKLE MINING CO.

By [signature]
Gale A. Hansen, Mine Supt.

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

1201 N. Division St.
Spokane 2, Washington
February 16, 1954

MEMORANDUM

To: DMEA Field Team, Region II

From: E. G. Erickson, Mining Engineer, Bureau of Mines

Subject: Interim report, Silver Buckle Mining Company, Shoshone County, Idaho, Contract Idm-E592, Docket No. DMEA 3071 (lead-zinc)

The project was inspected February 3, accompanied by Mr. Gale Hansen, mine foreman.

The 110 feet of enlarging of the existing adit was complete except for 15 feet. The Operator has driven 28 feet of the westerly crosscut to the proposed shaft station site. The contract allows $7000 for excavating a minimum of 15,000 cubic feet for adit level shaft station, rope raise and pocket. The Operator's revised plans for shaft preparation (see Operator's map accompanying January 1954 MF-104) make it necessary to excavate more ground than was originally planned, but any additional cost will be absorbed by him.

A 75 h.p. hoist and necessary sinking equipment have been acquired. Present indications are that actual shaft sinking will be started in April or early in May.

The standard of work is good.

Following is a tabulation of contract work items and percentage completed.

Item of Work	Allowed cost	% completed
1. 540 ft. of track, air, water, and vent pipes @ $2.50/ft.	$1,350.00	100
2. Enlarging and rehabilitating crosscut, 110 feet @ $20/ft.	2,200.00	86
3. to 7. incl.	225,950.00	Not started

E. G. Erickson
E. G. Erickson

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD--EGE/he

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 January, 1954 Docket No. DMEA 3071 Contract No. IR[illegible]-594
Operator's Name Silver Buckle Mining Co. Minerals Lead-Zinc
Address Box 1088, Wallace Idaho
Contract Amount, $ 229,500.00 Government Participation: 50 % Amount, $ 114,750.00

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						
Burning Tunnel Rehab. 115 ft. @ 20.00	1900.00	None	1900.00			
Crosscutting						2/24/54 J.W.G.
Drifting						
Install Track etc. 540 ft. @ 2.50/ft.	1350.00	None	1350.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$3250.00	None	$3250.00	3250.00	—	3250.00

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

Date Feb. 6, 1954 Payee Silver Buckle Mining Co.

Per [signature] Title Vice Pres.

*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:

$ 1625.00

Signature [signature]
(Authorized Certifying Officer)

Date 2/17/54 Vou. No. 1077
(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 594 in accordance with the terms of the contract.

Signature /S/ Eric G. Erickson Title Mining Engr Date 2/15/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen W Zoldak Title Mining Engr Date 2/15/54

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 January 1954 Docket No. DMEA 3071 Contract No. [illegible]
Operator's Name Silver Buckle Mining Co. Minerals Lead-Zinc
Address Box 1028, Wallace, 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								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
~~Stripping~~ Tunnel Rehab.	ft.	1900.00	95'	1900.00	95'	$20.00	110	$20.00
Trenching								
Test Pits								
Roads and Trails								
Install track etc.	ft.	1350.00	540'	1350.00	540	$2.50	540	$2.50
TOTAL DISTRIBUTED COSTS		$3250.00		$3250.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$3250.00		$3250.00				

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 Feb 6, 1954 Operator Silver Buckle Mining Co.

Per [signature] Title Vice Pres.

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

Silver Buckle Mining Company

Box 469/ 1063

Wallace, Idaho

February 3, 1934

DMRA
Field Team, Region 2
United States Bureau of Mines
N. 1201 Division
Spokane, Washington

Refer: Docket No. DMRA 3071
XM1 - 1594

Narrative Report of the Silver Buckle Mining Co.
Vindicator Project

The following work was completed under the terms of the contract:

The first unit of this work has been completed. This unit specifies installation of track, air, water, and vent pipes in the first 340 feet of the adit level. New 30 lb. rail 24" gauge track replaced the old 20 lb. rail and 18" gauge track. The company purchased and installed a TM-8 Sopus fan and 15" vent pipe, 4" air line and 2" water line.

The second unit of work in this contract specifies the rehabilitation of 110 feet of the cross-cut on the adit level to the proposed shaft site, and enlargement from 5'X 7" to 8'X 8'. Ninety five feet of this work has been completed and is indicated in red color on the progress map accompanying this report.

Plans have been completed for the location and arrangement of the tunnel level station and the shaft section. This location is indicated on the progress map by dotted lines.

In the opinion of the management the new arrangement of the shaft station and shaft location is much more adaptable to the rock structure and ground conditions, and will facilitate the actual sinking of the shaft,

February 2, 1954

DMEA

Refer: Docket No. DMEA 8071
IDM - 1594

The third unit specifies "cut a station and pocket at least 15,000 cubic feet of rock excavation at the proposed shaft site." This excavation includes shaft station, shaft raise, and shaft pocket. The company is not submitting an MP-104 form on this work at this time, but will do so when the third unit under this contract is completed or near completion. The 8'X 8' cross-cut to the shaft station location was advanced 18' and is indicated in red color on the progress map.

The company has purchased a Couer d' Alene 75 hp. sinking hoist, three 50 KVA transformers, sinking skip and cross head, cage, dump plates, and a limited supply of shop equipment such as an arc welder, acetylene welder, wrenches, tools, etc.

Some heavy snowfall had to be dealt with during the month, and it was necessary to hire a tractor to plow out the road and dump. The operation is progressing satisfactorily, and plans are being made to put the work on a three shift basis during the month of February.

Very truly yours,

SILVER BUCKET MINING CO.

By C. A. Hansen
Cale A. Hansen, Mine Supt.

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

1201 N. Division St.
Spokane 2, Washington
January 18, 1954

MEMORANDUM

To: DMEA Field Team, Region II

From: E. G. Erickson, Mining Engineer, Bureau of Mines

Subject: Interim report, Silver Buckle Mining Company, Shoshone County, Idaho, Docket No. DMEA 3071 (lead-zinc), Contract Idm-E594

The project was inspected January 12, 1954, accompanied by Mr. Thor H. Kiilsgaard, geologist, USGS, Mr. Clark Wilson, representative of New Park Mining Company, and Mr. Gale A. Hansen, foreman of the project.

Initial preparation and rehabilitation had been completed. This consisted of installing 4" air line, vent pipe, laying 24" gauge 30# track, cleaning first 540 feet of existing adit, constructing trestle for waste disposal near portal, repairing and rearranging compressor house, office and change house.

The 110 feet of enlarging of existing adit, excavating hoisting station, tail raise, and rock pocket, and installation of hoisting equipment will be done prior to shaft sinking operations.

The Operator has asked for bids on the 800 feet of shaft sinking. Bids to date have not been favorable, and the Operator intends to perform the work himself unless a more favorable bid is submitted. Although the Operator did not quote the exact unit price bid, he indicated that it was <u>considerably</u> more than agreed unit price allowed by the exploration contract.

Following is a tabulation of work items outlined in the contract and percentage completed:

Item of Work	Allowed cost	% completed
1. 540 feet of track, air, water, and vent pipes @ $2.50/ft.	$ 1,350.00	100
2. Enlarging and rehabilitating crosscut, 110 feet @ $20.00/ft.	2,200.00	none
3. Shaft sinking and timbering 800 feet @ $175.00/ft.	140,000.00	"
4. Crosscutting and drifting (not including timbering) 1,700 feet @ $43.50/ft.	73,950.00	"
5. Timbering (drifts and crosscuts) 500 feet @ $4.00/ft.	2,000.00	"
6. Cutting of station and pocket on the adit level (the completed work is the unit)	7,000.00	"
7. Cutting of station and pocket on the 750-foot level (the completed work is the unit)	3,000.00	"

E. G. Erickson

E. G. Erickson

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD
EGE/he

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 18 1954

Silver Buckle Mining Company

Box 469
Wallace, Idaho

January 2, 1954

DMEA
Field Team, Region 2
United States Bureau of Mines
N. 1201 Division
Spokane, Washington

Refer: Docket No. DMEA 3071
IDM-E594

Narrative Report of The Silver Buckle Mining Co.
Vindicator Project

Work on this project commenced during December, 1953.

We wish to report several items of preparatory work completed that were not included in the contract payments.

1. A new approach road was constructed from the County Highway to the mine dump to facilitate hauling supplies.

2. Heating facilities were installed in the change room.

3. New dump trestles were constructed and track gauge was changed from 18" to 24".

4. Three 22 cu. ft. mine cars were converted from 18" to 24" gauge and will be used on this project.

The following work was completed under terms of the contract.

The 20# rail set previously installed as 18" gauge track was removed from the first 540' of the tunnel. The new track is 24" gauge, 30# rail and 400 feet of this was completed during December.

The Company is not submitting an MF-104 form on this work at this time, but will do so when this first unit of work under the contract is completed. This unit specifies installation of track, air, water and vent pipes in the first 540 feet of the adit level. We estimate that 35% of the material for this unit has been installed and 50% of the labor for the unit has been expended.

January 2, 1954

DMEA

Refer: Docket No. DMEA 3071
IDM-E594

The Company has completed arrangements for purchase of a ventilation fan and the ventilation pipe, air line and water line that will be installed in January. We have procurred an Eimco 12B Loader and Mancha Trammer. Plans are progressing on acquisition of necessary sinking equipment.

New Park Mining Co. of Salt Lake City has assumed management responsibilities for the operation of the project through investment in the Silver Buckle Mining Co. Preliminary plans have been completed on the location and arrangement of the tunnel level station and the shaft section. This is indicated on the enclosed drawings. This plan proposes two shaft compartments each 4'6" x 5' 6" in the clear. The outside rock line of the shaft is estimated at 9' x 13'. The station excavation, including shaft raise and pocket, will be approximately 18000 cu. ft.

Very truly yours,

SILVER BUCKLE MINING COMPANY

By F. E. Scott
Dr. F. E. Scott, President

Silver Bubble Mining Co.

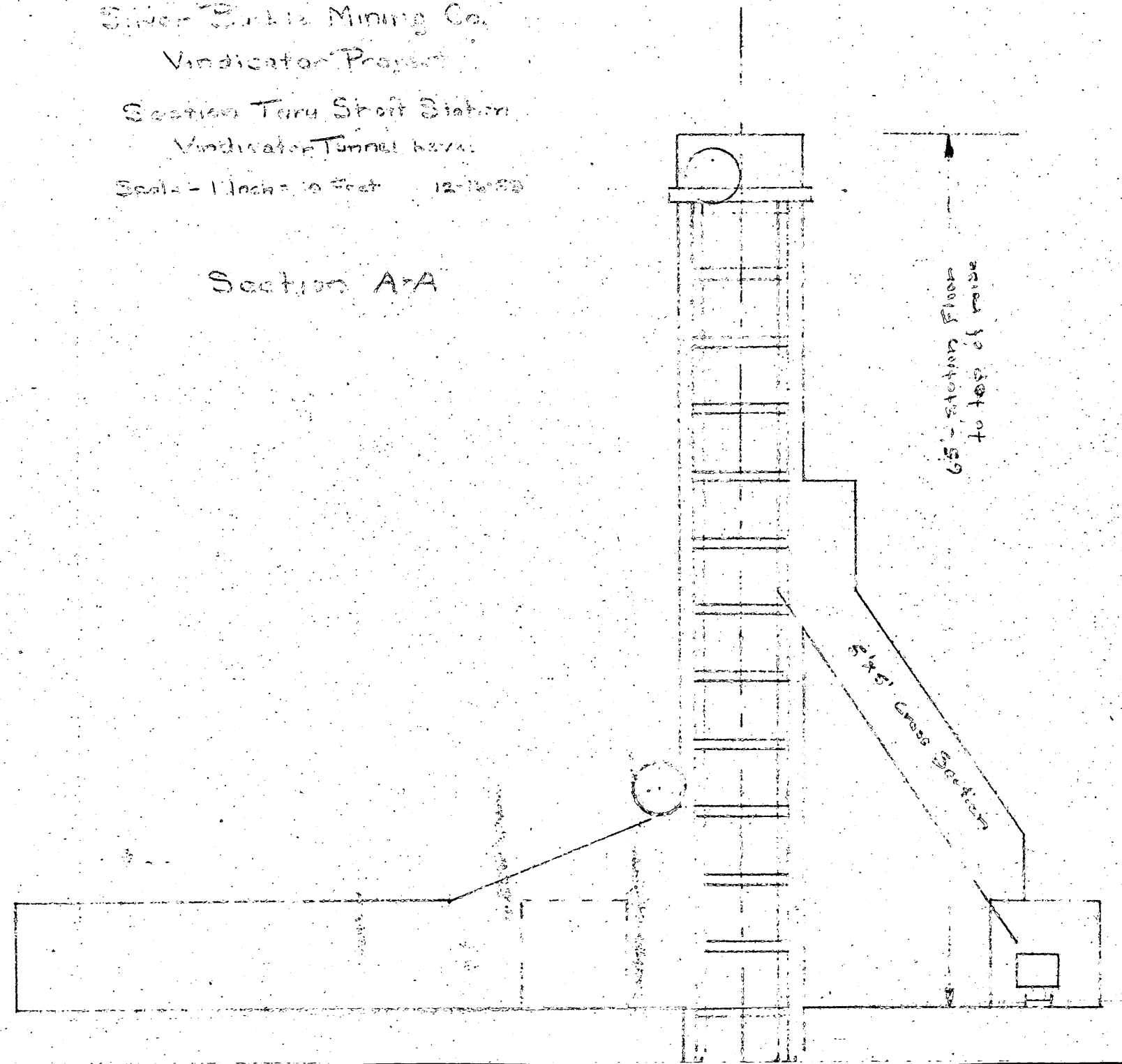
Vindicator Property

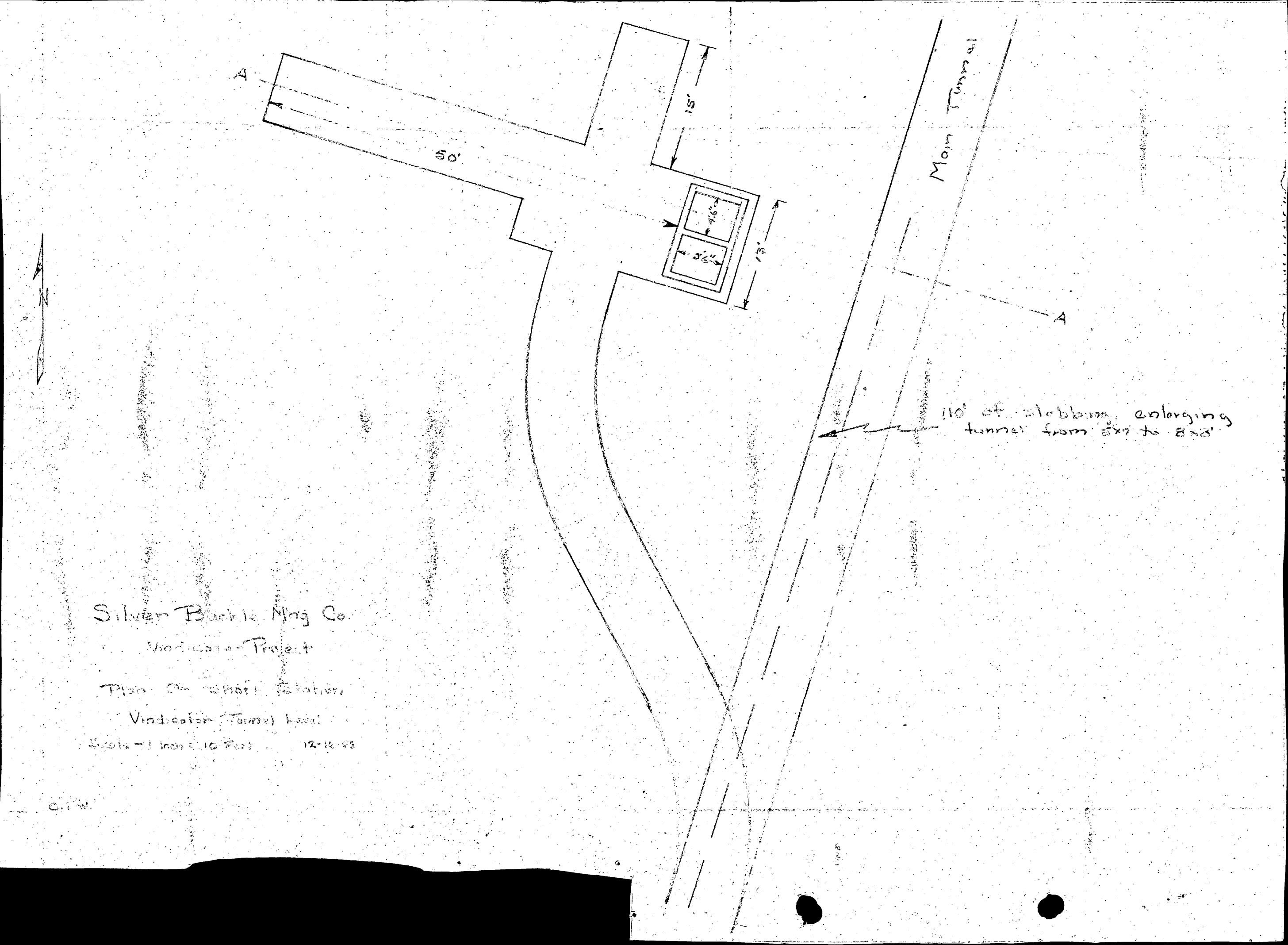
Section Tony Shaft Station

Vindicator Tunnel level

Scale - 1 inch = 10 feet 12-16-88

Section A-A




A
50'
15'
4'6"
3'6"
13'
Main Tunnel
A
110' of slabbing, enlarging tunnel from 5'x7' to 8'x8'
N
Silver Buckle Mng Co.
Vindicator Project
Vindicator Tunnel level
12-12-55

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

1201 N. Division St.
Spokane 2, Washington
December 21, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: E. G. Erickson, Mining Engineer, Bureau of Mines

Subject: Interim inspection, Silver Buckle Mining Company, Shoshone County, Idaho, Contract Idm-E594, Docket No. DMEA 3071 (lead-zinc)

The project was inspected December 8, 1953, accompanied by Mr. Clark Wilson, manager for New Park Mining Co., and Mr. Gale A. Hansen, foreman of the project.

A wooden plug in the back at a minus 42 feet from where the 110 feet of enlarging is to start was designated as the measuring point. A notation with lamp black denoting its location was made on the east wall of the adit opposite the plug.

The Operator is acquiring equipment, materials and supplies and organizing a crew. Since the inspection I have been informed that two miners have been hired and initial preparation has been started.

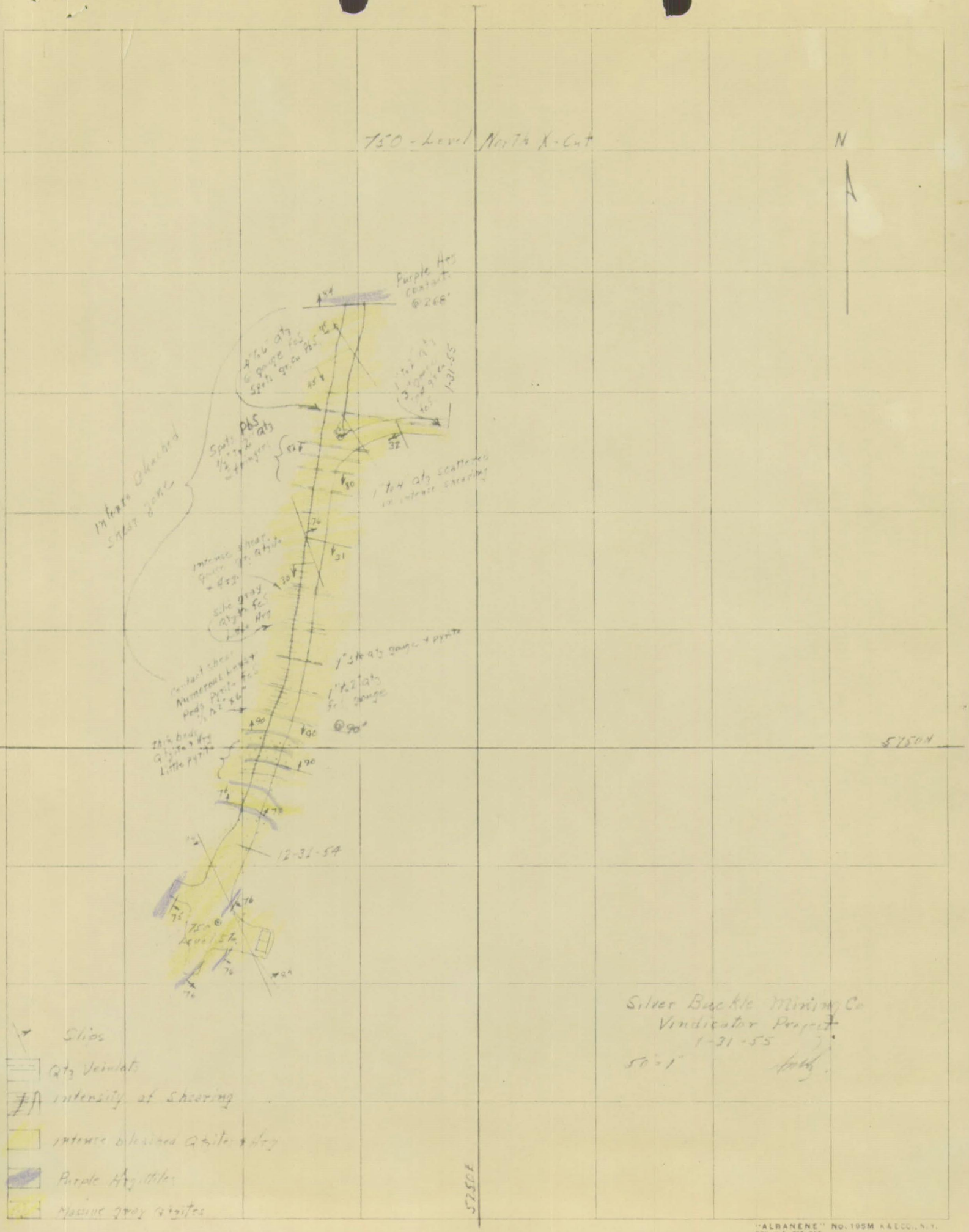
The Operator was requested to submit a narrative covering activities during any reporting period, whether or not they had completed any units of work for which they could claim reimbursement on MF-104 forms; thus we will be kept currently informed on the status of the project.

To date the weather has been unusually mild for this time of the year and has not seriously handicapped the operation. The property is readily accessible by improved roads; therefore it is believed possible to maintain an operation throughout the winter without unduly high costs.

E. G. Erickson

E. G. Erickson

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD
EGE/he

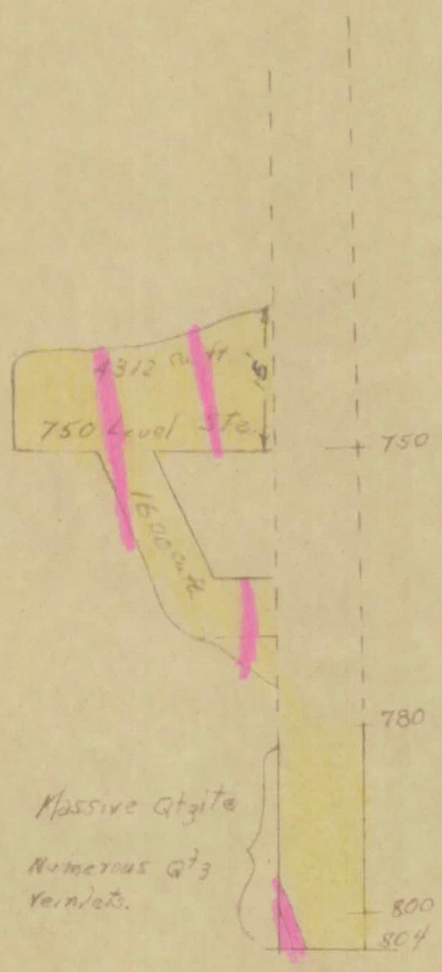


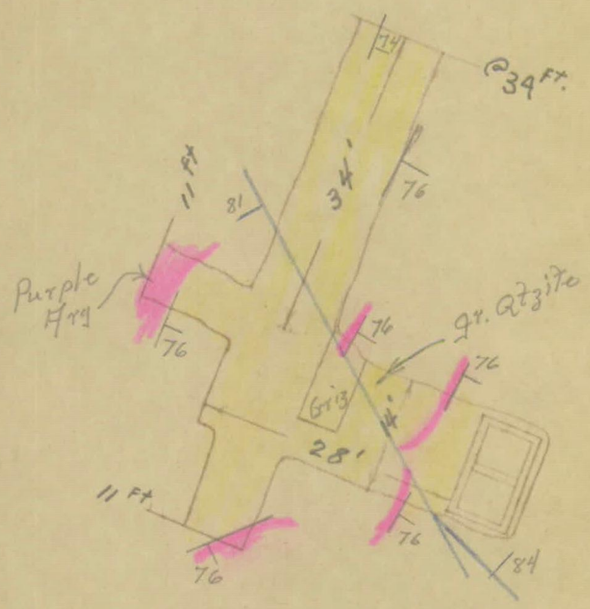
"ALBANENE" No. 195M K&E CO., N.Y.
REG. U.S. PAT. OFF.

DEPARTMENT OF THE INTERIOR
Leases Minerals Administration
RECEIVED
FEB 21 1955

N

SECTION THRU SHAFT 200' SOUTH OF MINERALIZED ZONE

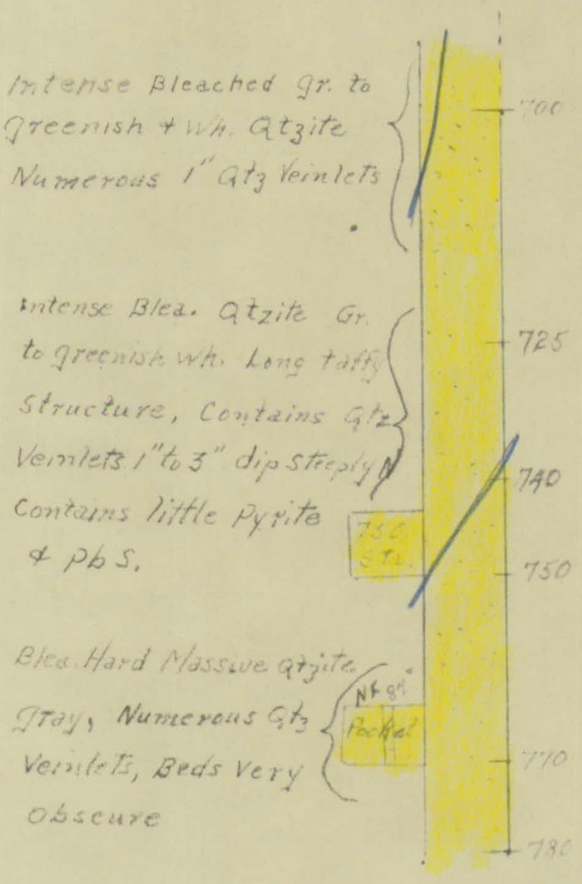




SILVER BUCKLE Mng. Co.
VINDICATOR PROJECT
Progress Map
12-31-54
Scale 1" = 20'

N

SECTION THRU SHAFT, 200' SOUTH OF MINERALIZED ZONE



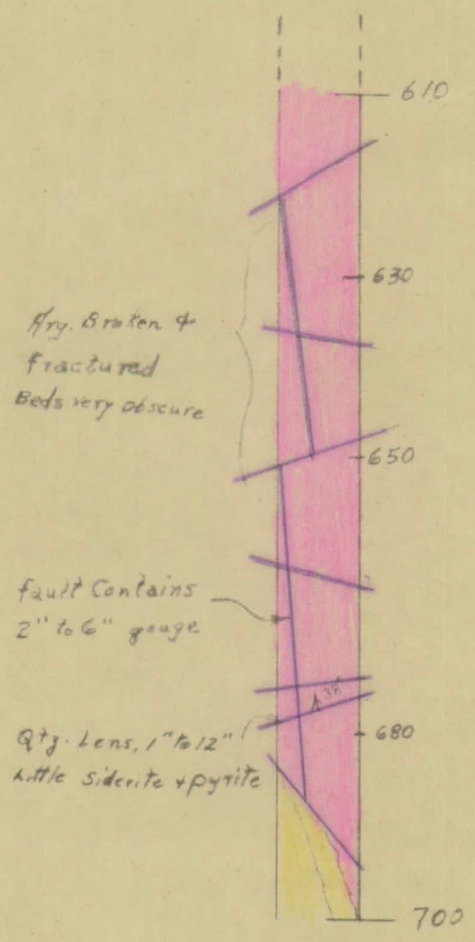
Massive Qtzite's

Argillites

Slips & Minor faults

SILVER BUCKLE Mng. CO.
VINDICATOR PROJECT
Progress Map.
11-30-59
Scale 1" = 20'

SECTION THRU SHAFT, 200' SOUTH of MINERALIZED ZONE



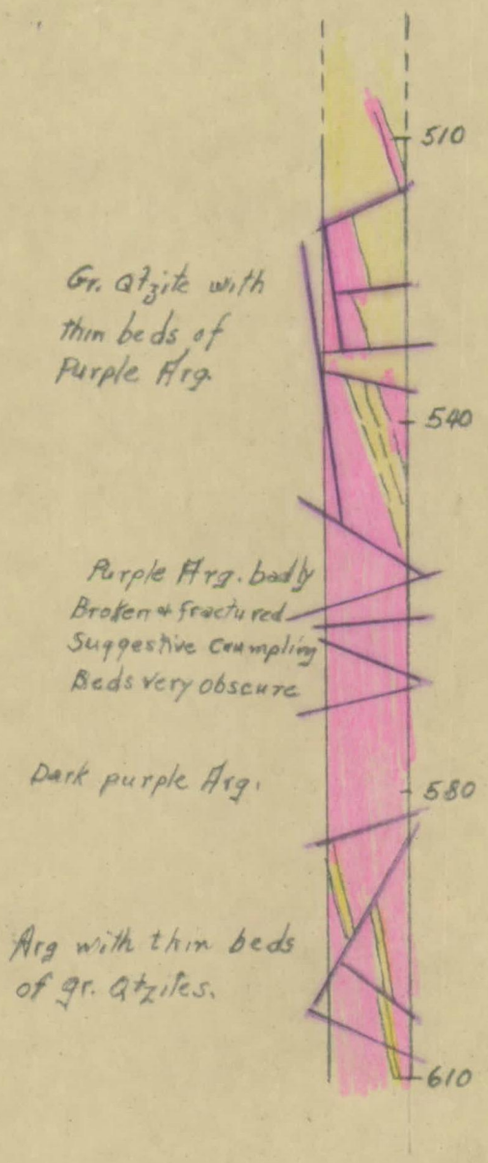
Qtzites

Argillites

Slips & Minor faults

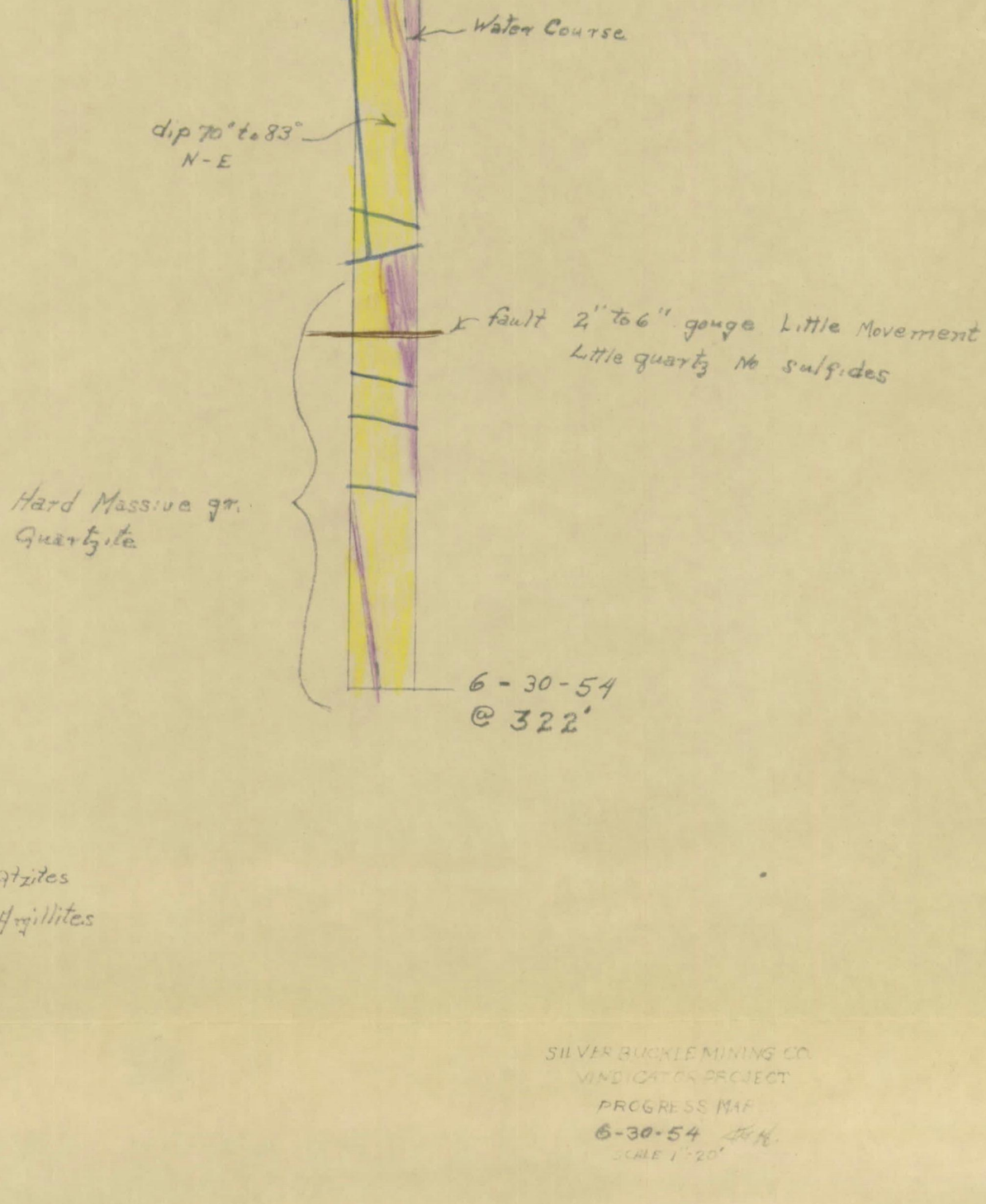
SILVER BUCKLE Mng. CO.
VINDICATOR PROJECT
Progress Map
10-31-54 Tech.
Scale 1" = 20'

SECTION OF SHAFT 200' SOUTH OF MINERALIZED ZONE



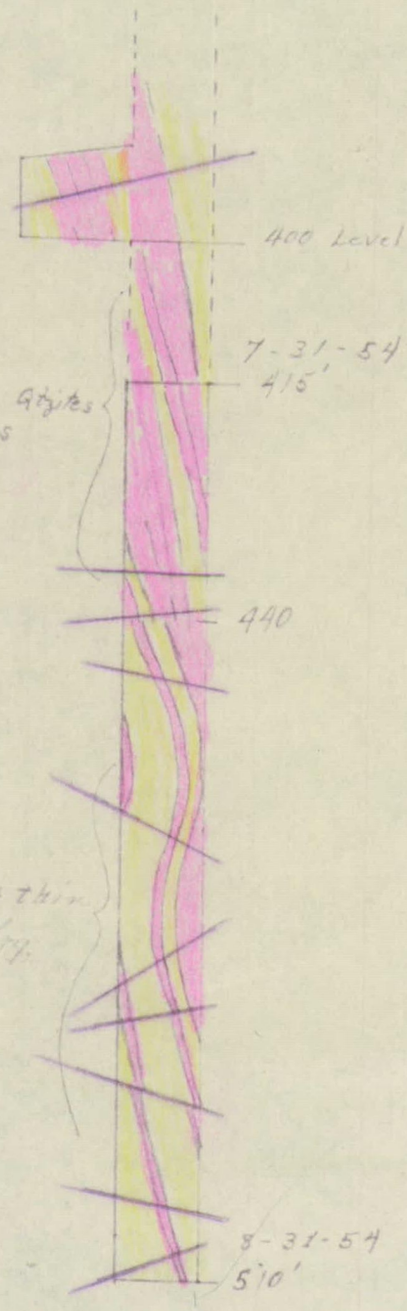
SILVER BUCKLE Mng. Co.
VINDICATOR PROJECT
PROGRESS MAP
9-30-64
Scale 1" = 20'

SECTION OF SHAFT, 200' SOUTH OF MINERALIZED ZONE



SILVER BUCKLE MINING CO.
VINDICATOR PROJECT
PROGRESS MAP
6-30-54
SCALE 1"=20'

SECTION OF SHAFT, 200' SOUTH OF MINERALIZED ZONE



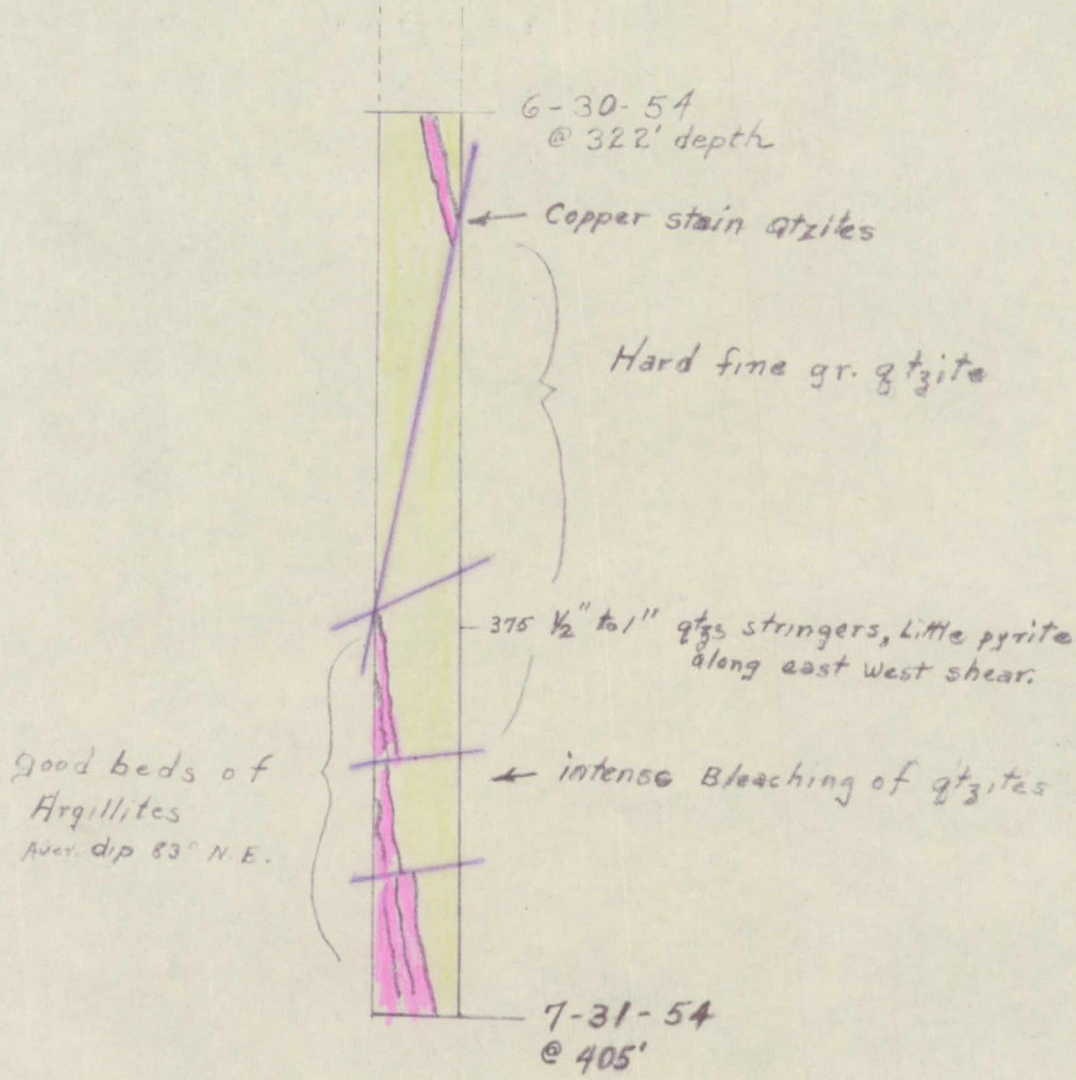
Qtzites

Argillites

Slips + Minor faults

SILVER BUCKLE Mng. Co.
VINDICATOR PROJECT
Progress Map
8-31-54
Scale 1" = 20'

SECTION OF SHAFT, 200' SOUTH OF MINERALIZED ZONE

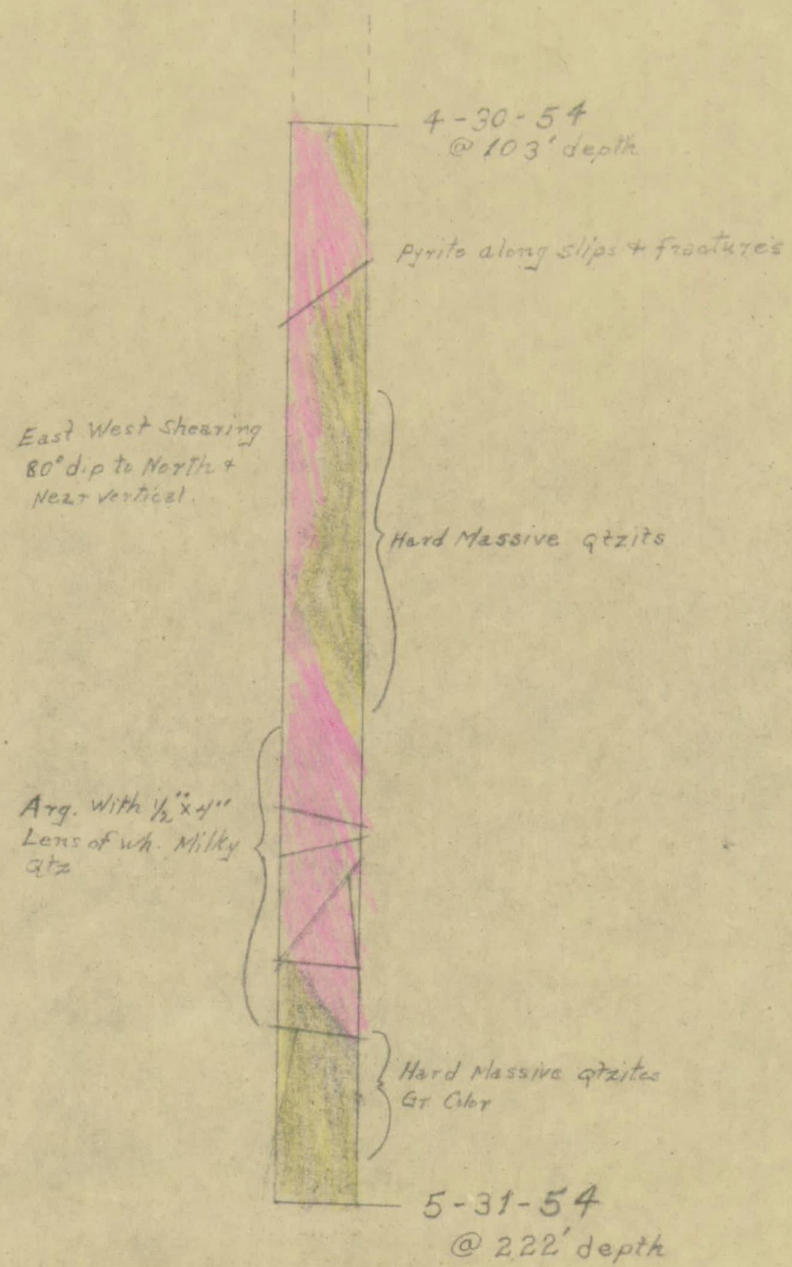


Qtzites

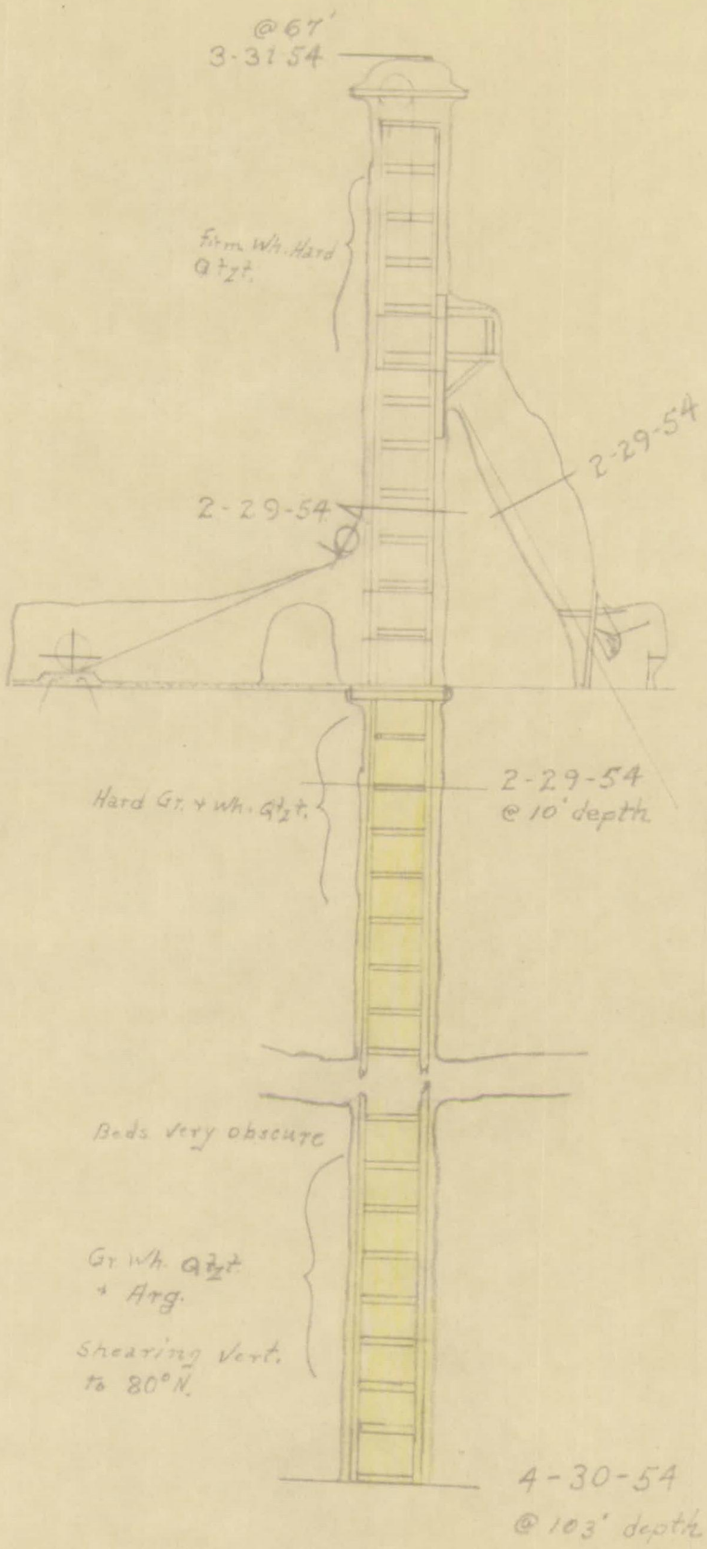
Argillites

SILVER BUCKLE Mng. Co.
VINDICATOR PROJECT
PROGRESS MAP
7-31-54
Scale 1" = 20'

SECTION OF SHAFT 200' SOUTH OF MINERALIZED ZONE



SILVER BUCKLE MINING CO.
VINDICATOR PROJECT
PROGRESS MAP
5-31-54
SCALE 1"=20'

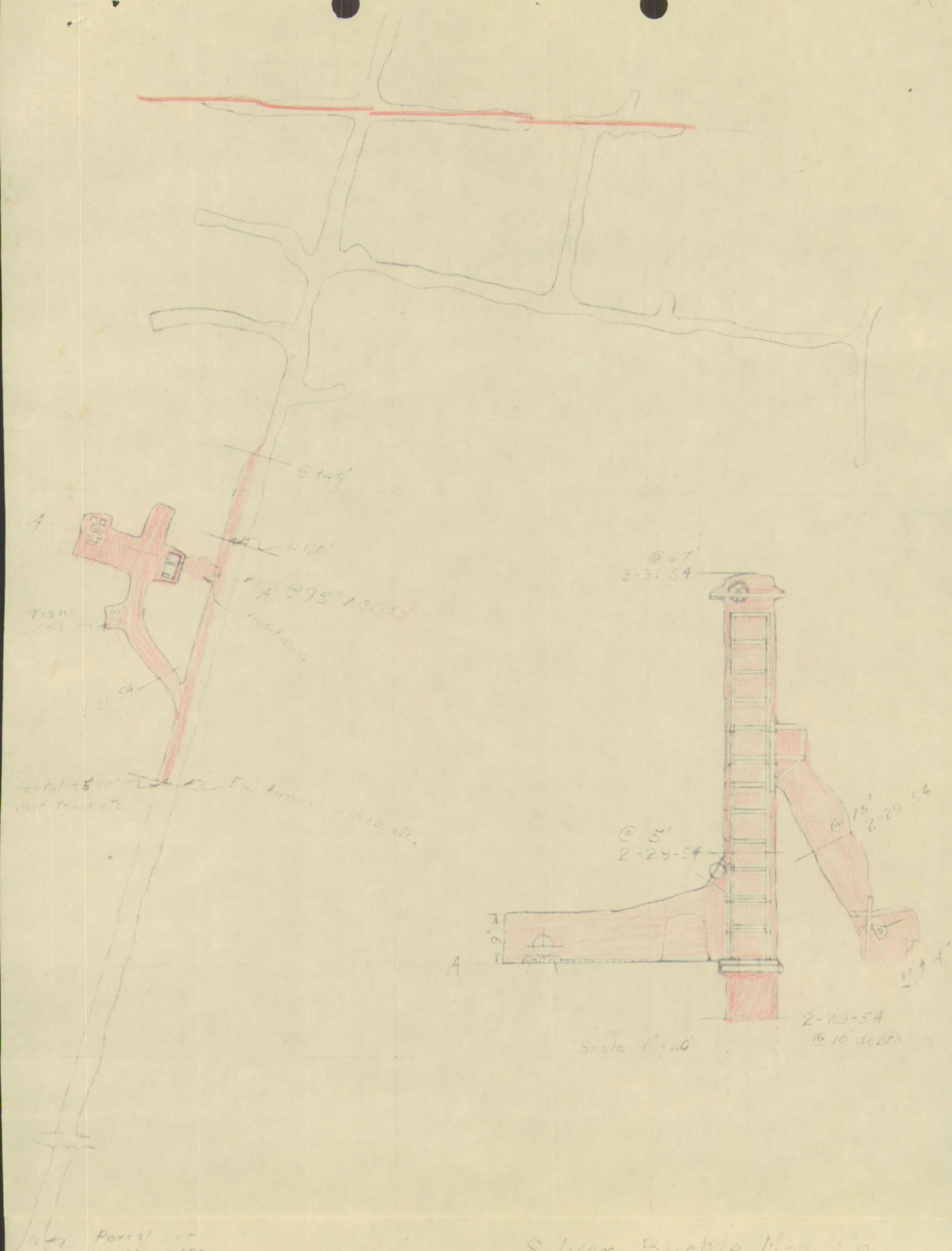


Silver Buckle Mng. Co.

Vindicator Project

Scale 1" = 20' Progress Map D.M.E.A.

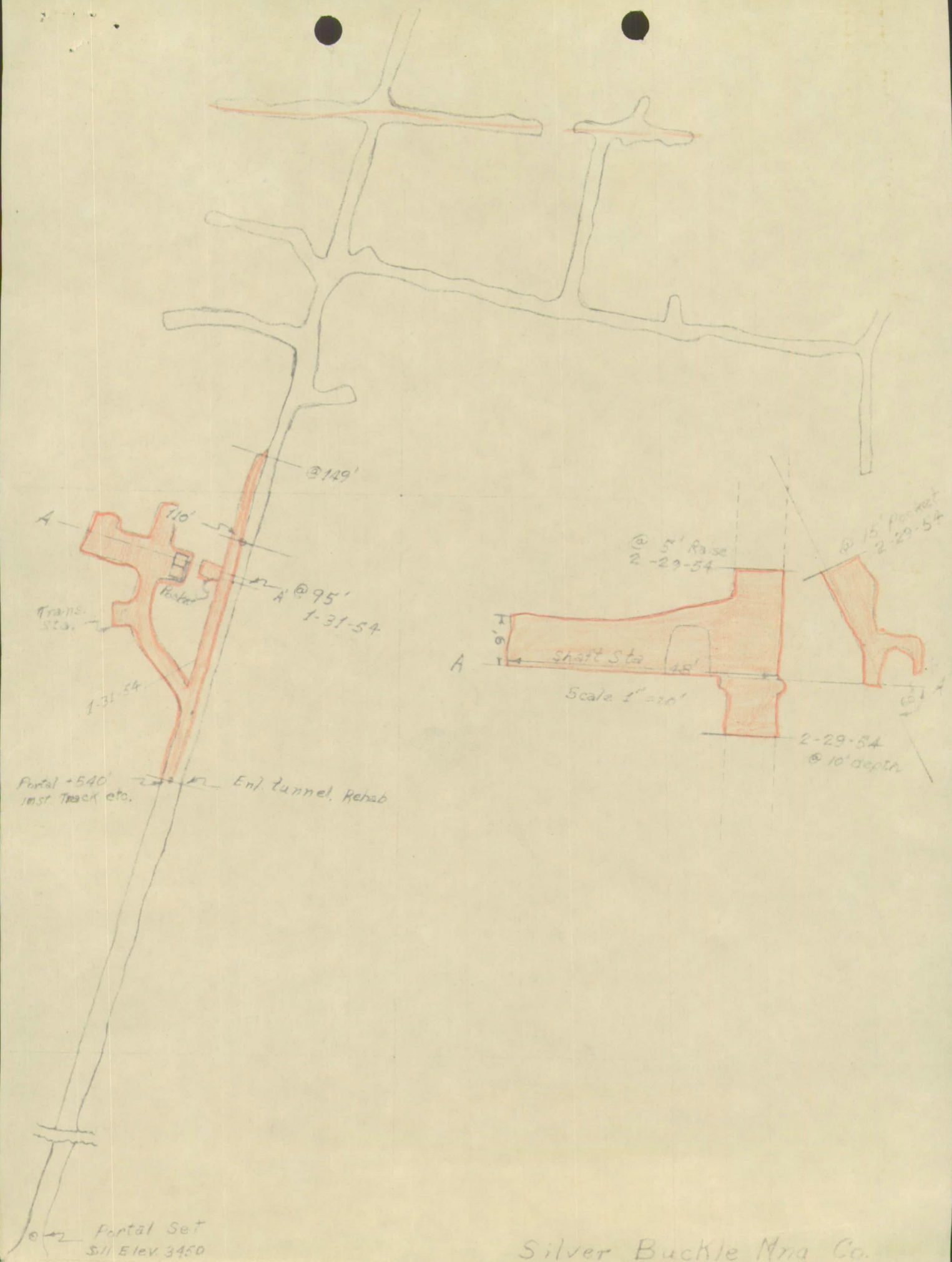
4-30-54



Silver Buckle Mng Co.

Vindicator Project

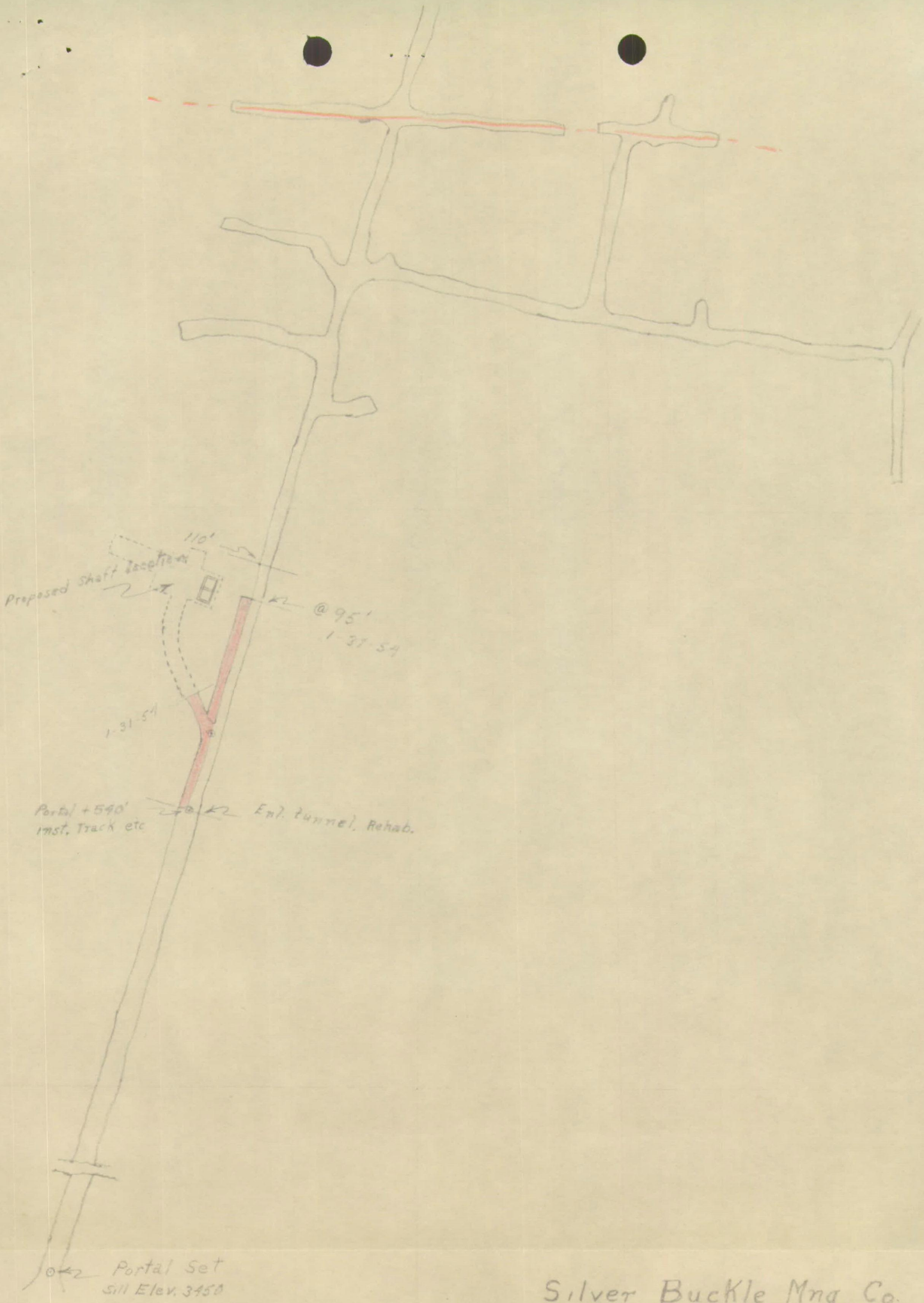
Scale 1" = 20' Progress Map 3-31-54



Silver Buckle Mng Co.

Vindicator Project

Scale 1" = 50' Progress Map 2-29-54

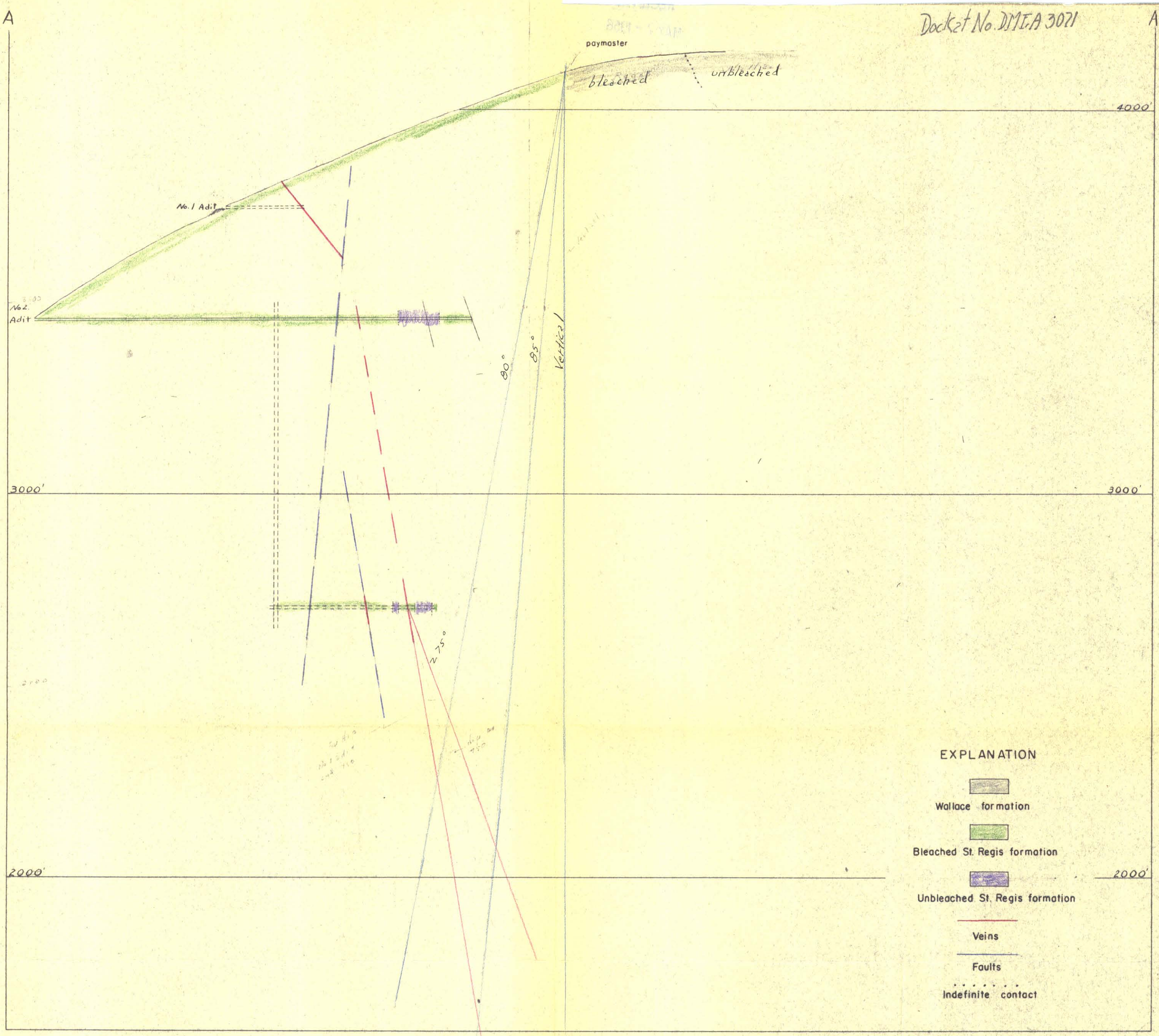


Silver Buckle Mng Co.

Vindicator Project

Scale 1" = 50' Progress Map 1-31-54.

Docket No. DME A 3071

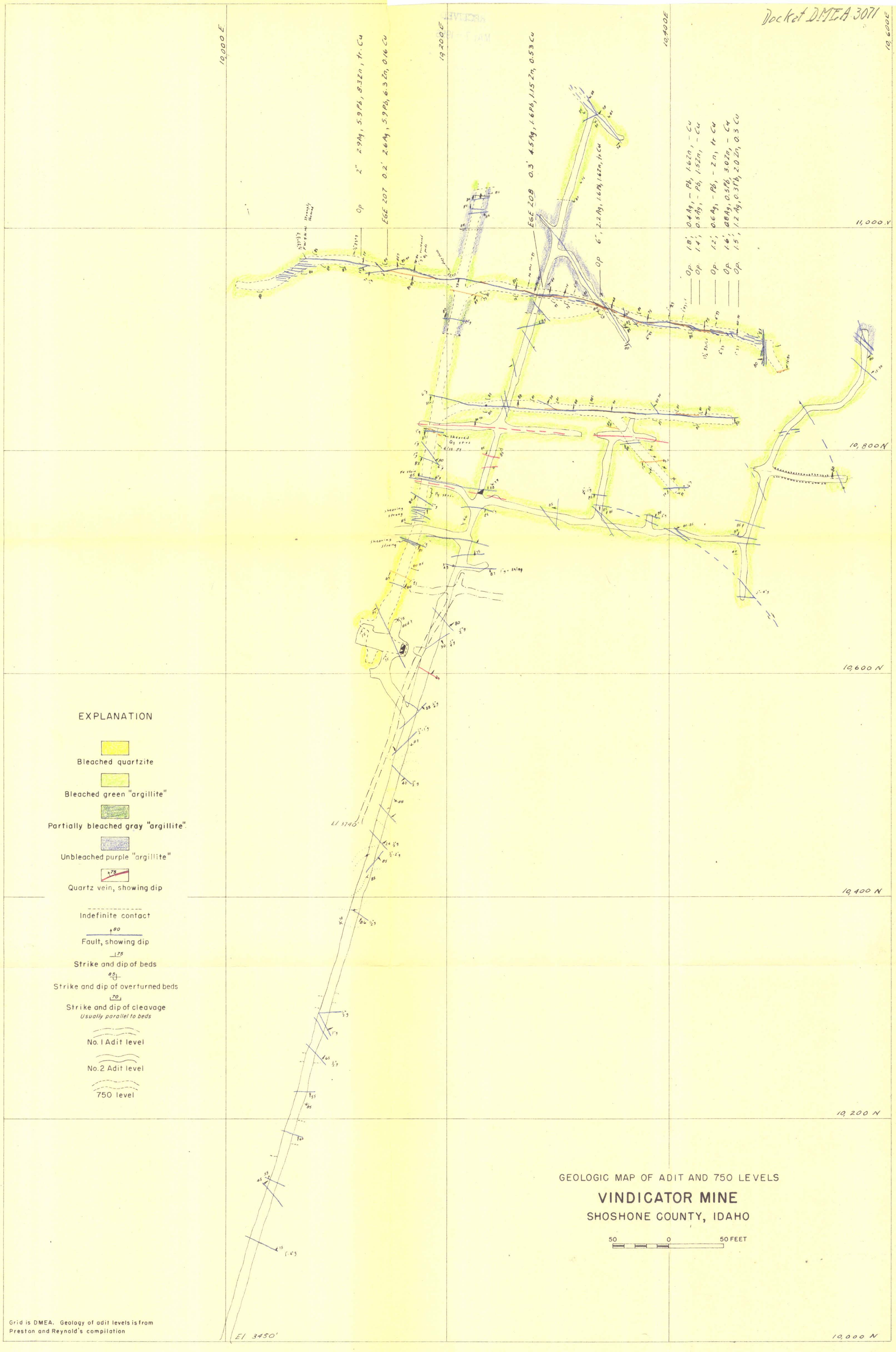


CROSS SECTION AA'

Vindicator Mine, Shoshone Co. Idaho

scale — 1" = 200'

Docket DMEA 3071



Docket No.
DMEA-3071
149,000E
151,000E
152,000E
153,000E
87,000 S
88,000 S
89,000 S
KINGSOLOMON
BELVEDERE NO.2
BELVEDERE 2457
HOMESTAKE
GENTLE ANNIE NO.6 AMD.
SAVAGE 2457
NO GEOLOGY ON THIS DRIFT CAVED
Bleaching Contact
BULL DOG
Paymaster Fault
HEARST 2457
GENTLE ANNIE NO.5 AMD.
750 level
HORN SILVER AMD.
SISKIYOU BELLE AMD.
CURRAUGH BUCK AMD.
Vindicator, El 3450
No. 2 Adit
EL 3667
EXPLANATION
Wallace formation
Bleached St. Regis formation
Unbleached St. Regis formation
Veins
Faults
Indefinite contact
VINDICATOR MINE AREA
SHOWING KNOWN SIGNIFICANT STRUCTURES
Vindicator Mine, Shoshone County, Idaho
200 100 0 200 400 FEET
BASE FROM HECLA MINING CO.