U. S. v. Robert Friedland

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Date	Document Title (type)	Author(s)/Org(s)	Addresee(s)/Org(s)	CC/BCC	Attch	Attch priv?	# Pg inc any attch	Desc.	Type Priv.	Comment
19571021	Operator's Monthly Report and Voucher, Sept. 1957 (RPT)	J.A. Barnett, Assistant Secretary-Treasurer, General Minerals Corp.	not specified	none	Y (narrative, log)	Y (statute, CBI)	10	monthly report of expenses, exploration work	CBI, statute	
19571024	(MEM)	Edward W. Buel, Mining Engineer (DOI)	Acting Executive Officer, DMEA Field Team (DOI)	6; Idm-E1107; chron	N		1	description of work completed	CBI, statute	
19580109	(MEM)	Edward W. Buel, Mining Engineer (DOI)	Executive Officer, DMEA Field Team (DOI)	6; Idm-E1107; chron	N		1	description of work completed	CBI, statute	
19580723	(MEM)	Edward W. Buel, Mining Engineer (DOI)	Acting Executive Officer, DMEA Field Team (DOI)	6; Idm-E1107; chron	N		2	description of work completed	CBI, statute	
19580312	Operator's Monthly Report and Voucher, Oct. Nov. Dec. 1957 (RPT)	S.Y. Guthrie III, Vice President, General Minerals Corp.	not specified	none	Y (narrative, invoices, maps, drill log)	Y (statute, CBI)	19	description of work completed, costs	CBI, statute	
19580903	(MEM)	J.W. Townsend, Alternate Acting Executive Officer, DMEA Field Team (DOI)	T.A. Christensen (DOI)	Chmn. Op. Comm; DMEA/DFC; MF-104 file, Reg. III; Harshman; Cooper; Chron	N		3	description of work, costs	CBI, statute	
19580909	Administrative Audit Difference Statement (RPT)	N.E. Stokes, Audit Section, BOM (DOI)	General Minerals Corporation	none	N		2	description of disallwance of costs	CBI, statute	

U. S. v. Robert Friedland

Privilege Log BOMSPOK 0011-- Page 2 of 3

Date	Document Title (type)	Author(s)/Org(s)	Addresee(s)/Org(s)	CC/BCC	Attch	Attch priv?	# Pg inc any attch	Desc.	Type Priv.	Comment
19580924	(MEM)	E.W. Buel, Mining Engineer (DOI)	Executive Officer, OME	6; ldm-E1107; chron	N		1	description of work	CBI, statute	
19580913	(RPT)	Charles O. Parker & Co.	Jack Rigg	none	N		1	assay report	CBI, statute	
19581007	(RPT)	John B. Rigg	not specified	none	N		1	reasons for suspenion of work	CBI, statute	report is signed w/o a typed name, but looks like Rigg's signature
195810	Operator's Monthly Report and Voucher, Sept. 1958 (RPT)	John B. Rigg		none	N		4	description of costs, work	CBI, statute	operator did not sign form, so date is estimated from other signatures on form
19581013	(MEM)	E.W. Buel, Mining Engineer (DOI)	Executive Office, OME (DOI)	6; ldm-E1107; chron	N		1	description of work	CBI, statute	
19581014	(MEM)	E.N. Harshman, Acting Executive Officer, OME Field Team (DOI)	T.A. Christensen (DOI)	Chmn. Op. Comm; Buel (OME/DFC); MF-104 file REg. III; Harshman; Cooper; Chron.	Y (report, map)	Y (statute, CBI)	3	description of work, assay map	CBI, statute	
unreadable	(RPT)	John B. Rigg	not specified	none	Y (narrative)	Y (statute, CBI)	5	description of work, costs	CBI, statute	
19580924	(MEM)	E.W. Buel, Mining Engineer (DOI)	Executive Officer, OME (DOI)	6; Edm-E1107; chron	N		1	description of work	CBI, statute	

U. S. v. Robert Friedland

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Date	Document Title (type)	Author(s)/Org(s)	Addresee(s)/Org(s)	CC/BCC	Attch	Attch priv?	# Pg inc any attch	Desc.	Type Priv.	Comment
19581013	(MEM)	E.W. Buel, Mining Engineer (DOI)	Executive Officer, OME (DOI)	6; ldm-E1107; chron	N		1	description of work	CBI, statute	
19591118	Operator's Monthly Report and Voucher, Sept. 1959 (RPT)	John B. Rigg	not specified	none	Y (maps, reports)	Y (statute, CBI)	11	description of costs, work	CBI, statute	
19591124	(MEM)	T.M. Romslo	J.W. Townsend, Executive Officer, OME Field Team (DOI)	6; Chron.	Y		2	analysis of operator's report	CBI, statute	
19580707	(MEM)	J.W. Townsend, Alternate Acting Executive Office, DMEA Field Team (DOI)	DMEA/DFC - E.W. Buel (DOI)	Harshman; Corres. file, Reg. III; Cooper; Chron	Y (3 maps)	Y (statute, CBI)	4	description of work	CBI, statute	

ODM

OME/DFC

DISTRIBUTION MADE
DEC 3 1959

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

Administrative Audit Difference Statement

John D. Sims
1500 East 7th Ave.
Denver 18, Colo.

Date: 11/30/59
Payee's
Reference: September 1959

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

Amount Claimed $ 1,312.93

Difference $ 93.93

Amount Approved $ 1,000.00

The reason for the difference was due to:

Total costs reported by the operator on Form 15-24
dated November 24, 1959 ---------- (1,312.93)
Unallowed stand-by time in excess of contract allowance
32 hrs. @ $12.00 per hour ---------- 384.00
Balance (928.93)
Unsubstantiated costs suspected pertaining to work performed
in September 1959 ---------- 93.93
Total (1,000.00)
Includes an amount of $928 from reimbursement to the operator pending
performance of additional work, or if additional work is not performed,
pending resolution of all matters pertinent to closing the account

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

Very sincerely yours,

N. E. Stokes
Audit Section

R-III-B & F Form No. 4
4-15-52 D

Building 20 - Federal Center
Denver 25, Colorado
November 25, 1959

Memorandum

TO: T. A. Christensen

From: Executive Officer, OME Field Team, Region III

Subject: Docket No. DMEA 4643 (Copper-Lead) Contract IAm-R1107
John B. Rigg, Assignee (Summitville mine) Rio Grande
County, Colorado

Enclosed are the original and four copies each of Forms MF-104 and MF-104A, supporting data, Operator's narrative report and engineer's inspection report, pertaining to work completed from July 10, 1959 through September 30, 1959.

It is considered that the Operator has complied with the intent of the contract, and the work for which reimbursement is claimed is acceptable to the Government. It is recommended that the Operator be reimbursed on the following basis subject to your verification of applicable unit cost rates and arithmetical accuracy within the report:

Basis for reimbursement to the Operator

Total costs reported by the Operator on Form MF-104 dated November 18, 1959	$1,362.99
Disallow standby time in excess of contract allowance - 12 hrs. at $10.00 per hour	120.00
Balance	$1,242.99
Reinstatement of costs suspended pertaining to work performed in September 1958	358.00
Total	$1,600.99
Government participation at 50 percent	800.50
Withhold an amount of $500 from reimbursement to the Operator pending performance of additional work, or if additional work is not performed, pending resolution of all matters prerequisite to closing the account	500.00
Balance due the Operator	$ 300.50

Original signed by

J. W. Townsend

JWT:ltm

cc: Chmn. Op. Comm. (2)w/cpy
MF-104 file Reg.III)encls.
OME/DFC)
Hasler)w/cpy engr's rept.
Corres. file, Reg. III
Suspense
Chron.

Building 20 - Federal Center
Denver 25, Colorado
November 24, 1959

Memorandum

TO: J. W. Townsend, Executive Officer, OME Field Team, Region III

From: T. N. Rosalo

Subject: Progress Report for July 1959 through September 1959, Docket DMEA 4643 (Copper-Lead) Contract Mm-21107, John B. Migg, Assignee, General Minerals Corporation, Assignor (Summitville Mine) Rio Grande, County, Colorado

Progress for the captioned period was found to be as reported in the attached Operator's Report, November 17, 1959, when J. W. Emsler and R. U. King, Geologists, U. S. G. S., and the writer inspected the geologic log assays, and core of hole A-1-3. The inspection was made with John B. Migg, the Operator, at his home at 1500 W. 7th Avenue, Denver 18, Colorado. An on-site inspection was not considered necessary since no additional needed information could be obtained at the mine.

The Operator in two letters to the Executive Officer, OME, Region III, dated August 18, 1959, and September 5, 1959, explained that drill hole A-1-3 was started July 10, 1959, and had reached a depth of 90 feet at the end of August. Drilling against adverse ground and weather conditions continued to late in September when the hole was completed to a depth of 171 feet.

ANALYSIS OF THE OPERATOR'S REPORT

MF-104A

The actual drilling costs which include non-core drilling, core drilling, and standby time are supported by a certified invoice.

Non-core drilling — The cost of $600.00 for 120 feet of drilling at $5.00 per foot is approved.

Core drilling — The $357.00 for 51 feet of drilling at $7.00 a foot is approved.

Standby Time — The $240.00 is the actual cost of 24 hours time at $10.00 per hour. Since 4 hours of the maximum allowable 16 hours has previously been vouchered, the approved charge is $120.00 for the remaining 12 hours at $10.00 per hour.

Incidental Allowance The $117.99 for 171 feet of drilling at a fixed cost of $0.69 a foot is approved.

Sampling and Analysis The $48.00 for the analyses of 12 samples at the fixed cost of $4.00 per sample is approved. An assay certificate is attached.

Totals The approved costs for the reporting period total $1242.99 after deducting $180.00 for the disallowed 12 hours of standby time at $10.00 per hour.

Form MF-104A

The costs are in agreement with those of Form MF-104.

Narrative Report

The narrative report with attached map and vertical section through drill hole A-1-3 is acceptable.

RECOMMENDATION

Withhold $500.00 of the $800.50 due the Operator on the approved cost of $1600.99 for work performed during September 1958 and September 1959, pending resumption of project work. Work is expected to be resumed after the area is clear of snow. Permission to again suspend operations and to extend the termination date of the contract is expected to be requested by the Operator within a few days.

T. M. Romslo

T. M. Romslo

TMR:ltm

cc: 6
Chron.

1500 E. 7th Ave.
Denver 18, Colo.

November 13, 1959

Mr. J. W. Townsend, Executive Officer, OME
Field Team, Region III
Office of Mineral Exploration
United States Department of the Interior
Federal Center
Denver, Colorado

Re: Docket No. DMEA 4643 (Copper-Lead)
Contract No. Idm-E1107
John B. Rigg, Assignee
(Summitville Mine)
Rio Grande County, Colorado

Dear Mister Townsend:

Enclosed are Form MF-104, Form MF-104A and supporting data for the month of September, 1959.

Very truly yours,

John B. Rigg

OME
DEPARTMENT OF THE INTERIOR
NOV 23 1959
REGION III
DENVER, COLORADO

PROGRESS REPORT SEPTEMBER 1959

Docket No. DMEA 4643 (Copper-Lead)
Contract No. Idm E-1107
John B. Rigg, Assignee
(Summitville Mine)
Rio Grande County, Colorado

Work during September, 1959 consisted entirely of exploratory drilling from the Chandler Adit Level in the Annie Vein - Odin-Dexter Vein junction, above the Reynolds Level. Diamond Drill Hole A-1-3 was completed to a depth of 171'. See attached drill log. Mineralization was encountered in the areas 121'-127' and 141'-144'. The core with mineralization in the area 121'-127' corresponds with the anticipated location by intersection of the Annie Vein. Weighted assays are shown on the attached Figure No. 1.

The attached map, "Chandler-Reynolds Tunnels Vertical" shows the completed drilling below the Chandler Level to date. Assays on this map indicate a possible extension of mineralization as shown on maps previously forwarded to the DMEA entitled "Assay Map - Chandler Tunnel Level" and "Chandler Tunnel Level".

Two points on the mechanics of completion of this hole possibly bear recording:

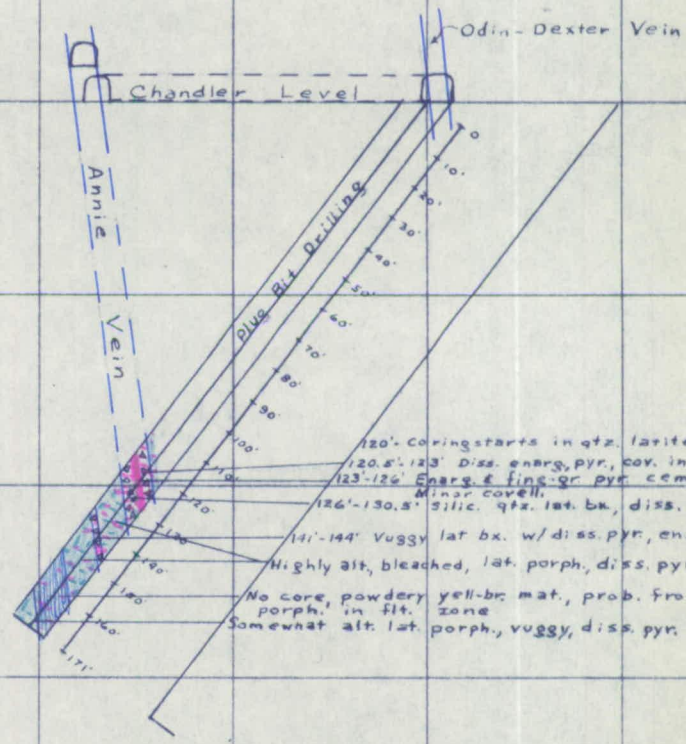
1. The drilling was accomplished against adverse ground at a rate of penetration, including reaming time, of 9.5' per 8 hour shift, for 18 days. But, delays due to the ground, adit, roads and weather added 46 days to the total drilling time. This was the fifth (5th) attempt to complete the Stage I, Annie Vein exploratory drilling.

2. Core recovery averaged 70.2% through the Annie Vein area. Previous drilling and drifting at Summitville indicate that lost material may be soft mineralization in vugs and in fractures.

A snowstorm on September 26, 1959 forced cessation of drilling operations from the Chandler Adit Level.

November 13, 1959

John B. Rigg



Depth	True Width	Oz Au	Oz Ag	% Cu	Core
121'-127'	4.5'	.08	5.65	4.9	67%
127'-131'					75%
131'-141'					20%
141'-156'					47%
156'-168'					80%
168'-171'					100%
				Ave.	53%

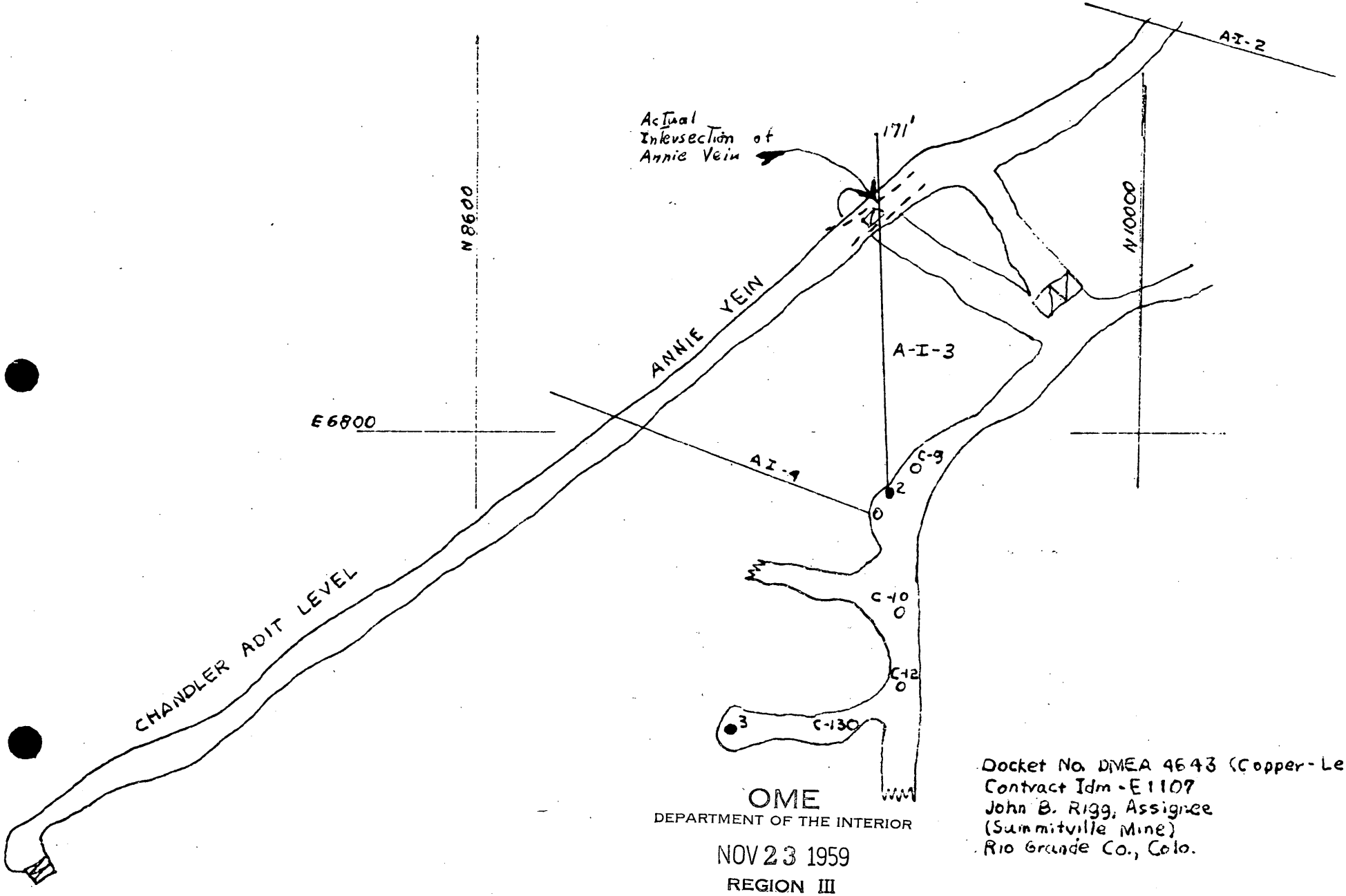
DRILL LOG
HOLE NO. AI-3
SUMMITVILLE MINE

OME
DEPARTMENT OF THE INTERIOR
NOV 23 1959
REGION III
DENVER, COLORADO

Docket No. DMEA 4643
Contract No. Idm-E1107
John B. Rigg, Assignee

MINE SUMMITVILLE LOCATION RIO GRANDE CO., COLORADO LEVEL CHANDLER
GEOLOGY BY C.E.MELBYE, GEOL. E. SURVEY DATE Nov. 7, 1959 SCALE 1" = 50'
N E EL.

TUCSON BLUE PRINT CO. — K & E ALBANENE 195M



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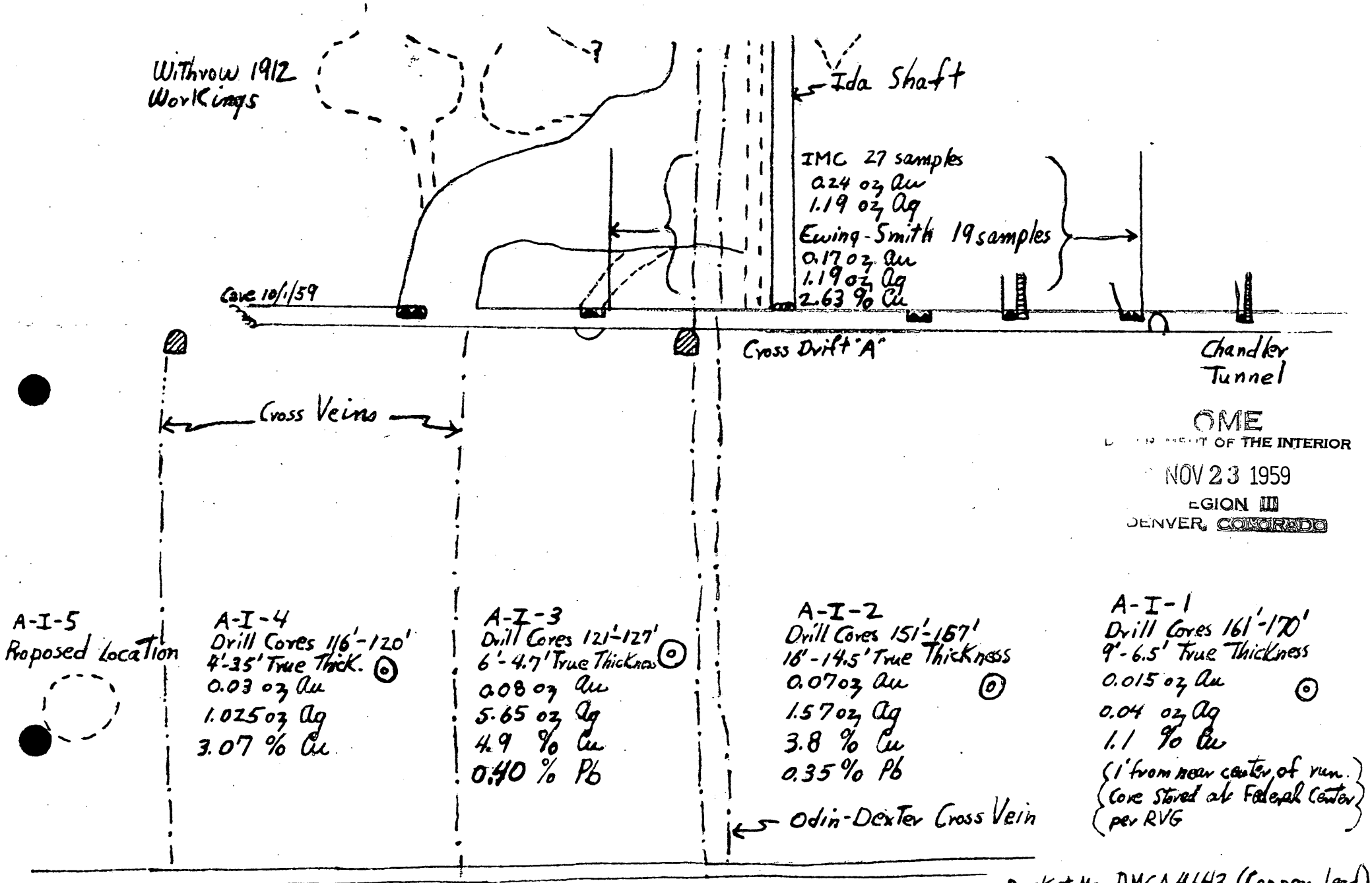
DEPARTMENT OF THE INTERIOR
NOV 23 1959
REGION III
DENVER, COLORADO

Docket No. DMEA 4643 (Copper-Lead)
Contract Idm-E1107
John B. Rigg, Assignee
(Summitville Mine)
Rio Grande Co., Colo.

ANNIE VEIN AREA - STAGE 1

CHANDLER ADIT LEVEL
Scale 1" = 40'
11/1/59 J.B.R.



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DEPARTMENT OF THE INTERIOR
NOV 23 1959
REGION III
DENVER, COLORADO

Ref: Butler, 1926
Garvey, 1953

ANNIE VEIN AREA - STAGE 1

Completed Drill Program

10/1/59 Scale 1" = 40' JBR

Docket No. DMEA 4643 (Copper-Lead)
Contract Idm- E-1107
John B. Rigg, Assignee
(Summitville Mines)
Rio Grande County, Colo.

Chandler-Reynolds Tunnels - Vertical

Docket No. DMEA 4643
Contract No. Idm-E1107
John B. Rigg, Assignee
(Summitville Mine)
Rio Grande County, Colorado

FIGURE NO. 1 ASSAYS HOLE NO. A-I-3

Depth	ozAu	ozAg	%Cu	%Pb	ozAu	ozAg	%Cu	%Pb
					ANNIE VEIN Average 121'-127'			
120'-121'	0.02	0.4	0.3	0.3				
121'-122'	0.03	0.5	0.6	0.35	0.03	0.5	0.6	0.35
122'-123'	0.02	0.5	0.8	0.3	0.02	0.5	0.8	0.3
123'-124'	0.21	20.1	15.6	0.6	0.21	20.1	15.6	0.6
124'-125'	0.16	10.2	9.5	0.4	0.16	10.2	9.5	0.4
125'-126'	0.045	2.2	2.3	0.25	0.045	2.2	2.3	0.25
126'-127'	0.025	0.4	0.6	0.3	0.025	0.4	0.6	0.3
127'-128'	0.01	0.3	0.2	0.25	0.01	0.3	0.2	0.25
128'-129'	0.02	0.3	0.6	0.25				
129'130'	0.01	0.4	0.5	0.2				
130'-131'	0.01	0.2	0.2	0.25				
Total	0.56	35.8	31.2	4.45	0.49	33.9	29.4	2.2
Average	0.05	3.2	2.8	0.40	0.08	5.65	4.9	0.4
$ Values per Ton	1.75	2.88	16.80	.97	2.56	4.92	27.44	.88
Gross Value/Ton		$22.40				$35.80		

Ref: Au @ $32.00
Ag @ .87
Cu @ .28
Pb @ .11

No weighted average is considered on recovered core assuming unrecovered portion to be barren.

John B. Rigg

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DEPARTMENT OF THE INTERIOR
NOV 23 1959
REGION III
DENVER, COLORADO

Assay Office and Laboratory W. H. SMITH

115 EAST FIFTH STREET

TELEPHONE 359

Leadville, Colo., Sep. 25 1959

I Hereby Certify that Sample Assayed for General Minerals Corp.

gave the following results per ton: Jack Rigg

NUMBER	Ounces GOLD	Ounces SILVER	Per Cent LEAD	Per Cent IRON	Per Cent MANG.	Per Cent SILICA	Per Cent COPPER	Per Cent ZINC	Per Cent SULPHUR	Per Cent LIME
1066	0.02	0.4	0.3				0.3	120'-121'		
1067	0.03	0.5	0.35				0.6	121'-122'		
1068	0.02	0.5	0.3				0.8	122'-123'		
1069	0.21	20.1	0.6				15.6	123'-124'		
1070	0.16	10.2	0.4				9.5	124'-125'		
1071	0.045	2.2	0.25				2.3	125'-126'		
1072	0.025	0.4	0.3				0.6	126'-127'		
1085	0.01	0.3	0.25				0.2	127'-128'		
1086	0.025	0.3	0.25				0.6	128'-129'		
1087	0.01	0.4	0.2				0.5	129'-130'		
1088	0.01	0.5	0.25				0.2	130'-131'		
1089	0.015	0.4	0.3				0.3	131'-136'		

OME
DEPARTMENT OF THE INTERIOR
NOV 23 1959
REGION III
DENVER, COLORADO

Charges

W. H. Smith Assayer

Rogers Drilling Co.

Invoice

Wallace A. Rogers
P.O. Box 577
Ph. CR9-4457
Golden, Colorado

September 30, 1959

To:
Mr. John B. Rigg
1500 East 7th Ave.
Denver 18, Colo.

Sub. Chandler Tunnel
Prospect No. A-I-3
Summitville, Colorado
Rio Grande County

Plug Bit Drilling	From 0' to 120'	120' @ $5.00 per foot	$ 600.00
Core Bit Drilling	From 120' to 171'	51' @ $7.00 per foot	357.00
		Sub Total	$957.00

Standby Time
September 24,25 & 26, 1959
3 Days at $80.00/Day $240.00
24 hrs. @ $10.00/hr

Total $1,197.00

Submitted

Wallace A. Rogers

Approved

John B. Rigg

OME
DEPARTMENT OF THE INTERIOR
NOV 23 1959
REGION III
DENVER, COLORADO

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 September, 1959 Docket No. DMEA 4643 Contract No. Id-E1107
Operator's Name John B. Rigg Minerals Copper-Lead
Address 1500 E. 7th Ave. Denver 18, Colo.
Contract Amount, $ 149,330.00 Government Participation: 50% Amount, $74,600.00

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 non-core	600.00	1,263.00	1,863.00			
Bulldozing-111- core	357.00	688.00	1,045.00			
Crosscutting Timber	-0-	126.00	126.00			
Drifting	-0-	1,550.00	1,550.00			
Inc. Allow.	337.99	200.89	538.88			
(2) Labor and Supervision:						
Labor Standby Time	240.00	30.00	270.00			
Supervision DD station	-0-	200.00	200.00			
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	42.00	4.00	46.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1,362.99	4,265.89	5,628.88	1600.99	3,907.89	5,508.88

OME
DEPARTMENT OF THE INTERIOR
NOV 23 1959
REGION III
DENVER, COLORADO

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

Date Nov. 18, 1959 Payee John B. Rigg

Per _____ Title _____

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

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

(Instructions on reverse)

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

$ 300.50

Signature _____
(Authorized Certifying Officer)

Date 12/1/59 Vou. No. DMEA 60-15

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Edm-E 1107 in accordance with the terms of the contract.

Signature [illegible] Checked for Engineering Allowability Title Manag. Engineer Date 11/24/59

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] Title Executive Officer Date NOV 25 1959

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 September 1959 Docket No. DMEA 4643 Contract No. Idm-E1107
Operator's Name John B. Rigg Minerals Copper-Lead
Address 1500 E. 7th Ave. Denver 18, Colo.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	Ft			1,550.00	50	31.00	50	31.00
Crosscutting Timbering	Ft			126.00	18	7.00	50	7.00
Raising Drill Station	Ea			200.00	2	100.00	2	100.00
Shafts Inc. Allowance	Ft	117.99	171	518.88	752	.69	2260	.69
Winzes Samples	Ea	48.00	12	56.00	14	4.00	36	4.00
Drilling: Core	Ft	357.00	51	1,045.00	211	4.95	1130	7.00
Churn Non-Core	Ft	600.00	120	1,863.00	541	3.44	1130	5.00
Auger Standby	Hr	240.00	24	270.00	28	9.64	16	10.00
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1,362.99		5,628.88				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1,362.99		5,628.88				

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

Date Nov. 19, 1959 Operator John B. Rigg
Per Title

REMARKS:

OME
DEPARTMENT OF THE INTERIOR
NOV 23 1959
REGION III
DENVER, COLORADO

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
~~DEFENSE MINERALS EXPLORATION ADMINISTRATION~~
OFFICE OF MINERALS EXPLORATION
224 New Customhouse
Denver 2, Colorado
Sept. 22, 1958

RECEIVED
SEP 23 1958
Div. of Mineral Technology
BUREAU OF MINES
Ver Experiment Station
Denver, Colorado

Memorandum

To: E. W. Buel, OME/DFC

From: Office of Minerals Exploration, Region III

Subject: Docket No. DMEA 4643 (Copper-Lead) Contract Idm-E1107
John B. Rigg, Assignee, General Minerals Corporation,
Assignor, (Summitville mine) Rio Grande County,
Colorado

Enclosed are the original and four copies of Form MF-104, Operator's Monthly Report and Voucher, and Form MF-104A, Operator's Unit Cost and Progress Report, with supporting data, for August, 1958.

Please check the reported progress and costs for the period, and if the Operator's report is in order, return all copies to this office accompanied by your memorandum report of inspection, including recommendations relative to reimbursement to the Operator. Blank Forms MF-104 and MF-104A have been forwarded to the Operator for use in the next monthly report.

E. N. Harshman

E. N. Harshman

Enclosures

hmh

cc: Corres. file, Reg. III
Chron

REGION III

Building 20
Denver Federal Center
Denver 2, Colorado
Sept. 24, 1958

Memorandum

To: Executive Officer, OME

From: E. V. Beal

Subject: Docket DMEA 443 (Copper-Lead) Contract IAm-X1107,
John E. Rigg, Assignee, General Minerals Corporation,
Assignor (Sunnyville mine) Rio Grande County, Colo. —
Progress report for August 1958

An inspection was made of the workings on the Chandler tunnel level of the Sunnyville mine. The writer was accompanied by Raymond Ball, miner. From survey tag C-12 to the face, the movement measured 51 feet. Start of movement was 5 feet beyond the survey tag making a total advance of 46 feet of movement. The operator started a tail raise for his diamond drill station at approximately 47 feet from the survey tag (C-12).

The operator in his MF-124's requests payment for 46 feet of "drifting". The amount claimed by the operator was verified and is recommended for payment. Cost of payment is $2,145 of which the Government's share at 50 percent is $713.00.

E. V. Beal
Mining Engineer

EVB/mr
cc: 6
IAm-X1107
chron

Nov. 10, 1958

Memorandum

To: Executive Officer, OGE Field Team, Region III

From: E. W. Beal

Subject: Docket DMEA 643 (Copper-Lead) Contract IAm-X1107
John E. Rigg, Assignee (Summitville mine) Rio Grande
County, Colo. — Progress report for October 1958

No attempt was made to visit the mine after it was learned at Del Norte, Colo. on November 3, 1958, that the operator's drill contractor had spent only a few days at the property. This learning of the mine by the contractor was verified by a phone call to Mr. Rigg on November 7, 1958.

Mr. Rigg stated that the county officials had agreed to keep open the Summitville mine road. The drill contractor moved his crew from the property after learning that the county officials decided to abandon the road during the snowy seasons.

E. W. Beal
Mining Engineer

EWB/mr
cc: 6
IAm-X1107
chron

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

224 New Customhouse
Denver 2, Colorado
October 8, 1958

RECEIVED
OCT 9 - 1958
Div. of Mineral Technology
BUREAU OF MINES
Bur. Experiment Station
Denver, Colorado

Memorandum

To: E. W. Buel, OME/DFC

From: Acting Executive Officer, OME Field Team, Region III

Subject: Docket No. DMEA 4643 (Copper-Lead) Contract Idm-E1107
John E. Rigg, Assignee, (Summitville mine) Rio Grande County, Colorado

Enclosed are the original and four copies of Form MF-104, Operator's Monthly Report and Voucher, and Form MF-104A, Operator's Unit Cost and Progress Report, with supporting data, for September, 1958.

Please check the reported progress and costs for the period, and if the Operator's report is in order, return all copies to this office accompanied by your memorandum report of inspection, including recommendations relative to reimbursement to the Operator. Blank Forms MF-104 and MF-104A have been forwarded to the Operator for use in the next monthly report.

Drilling under the contract has been suspended because the drilling subcontractor terminated its drilling contract with the Operator. No payment should be made on the September, 1958 voucher until drilling has been resumed.

E. N. Harshman

E. N. Harshman

Enclosures

JDC:hmh

cc: Corres. file, Reg. III
Chron

Oct. 13, 1958

Memorandum

To: Executive Officer, GMK

From: E. W. Beal

Subject: Bonhet DMRA 4643 (Copper-Lead) Contract IBm-21107
John B. Mize, Assignee, General Minerals Corporation, Assignor
(Sunnitville mine) Rio Grande County, Colorado -- Progress report
for September 1958

The work progress was checked on the Chandler level on October 6, 1958. The examining engineer was accompanied by F. Moore, Geological Survey. There was no one working on the property during the inspection.

From survey tag C-12 to the face, the crosscut measured 56 feet, less 5 feet to the start of the crosscut, or 51 feet of crosscut. A diamond drill station has been excavated for a height of better than 15 feet above the crosscut, near the face of the crosscut. In addition to the aforementioned work, the operator put in three sets of timber, totaling 18 linear feet.

All of the work units claimed by the operator in his MP-10b's for September 1958 are recommended for payment except the two chemical assays. No information relating to the assays accompanied the operator's MP-10b's and narrative report. Payment should be withheld until assay information, specifically, location, type, and width is received.

Total recommended reimbursement amounts to $350.00 of which the Government's share at 50% is $175.00.

The operator's totals in "Costs to Date" and "Totals to Date" columns are in error by $100.00.

E. W. Beal
E. W. Beal
Mining Engineer

EWB/mr
cc: 6 IBm-21107 shrm

Eu3

FINAL DISTRIBUTION

MADE OCT 10 1958

RECEIVED
OCT 13 1958
Bureau of Mines Mineral Technology
BUREAU OF MINES
Experiment Station
Denver, Colorado

Old New Customhouse
Denver 2, Colorado
October 7, 1958

Memorandum

To: T. A. Christensen

From: Acting Executive Officer, ORE Field Team, Region III

Subject: Docket No. DMA 4643 (Copper-Lead), Contract No. Ma-XI107, John B. Rigg, Assignee (Summitville mine), Rio Grande County, Colorado - Operator's Monthly Progress Report for the Month of August, 1958

Enclosed are the original and four copies each of Forms MF-104 and MF-104A, Operator's Narrative Report, and Engineer's Report for the above period.

All of the work completed during August was performed at Fixed Unit Costs in accordance with the terms of the contract.

We consider that the Operator has complied with the intent of the contract and the work for which payment is recommended is acceptable to the Government. Payment is recommended for 50 percent of the amount reported on Form MF-104 for August, 1958, contingent on your verification of the correctness of applicable rates and arithmetical accuracy of computations.

Payment is to be made to John B. Rigg, 1500 East 7th Avenue, Denver 18, Colorado.

Original signed by
E. N. HARSHMAN

E. N. Harshman

ENC:ger

cc: Chem. Op. Comm. (2)
Ewal, ORE/DPC
MF-104 file, Reg. III
Harshman - w/copy of Engineer's Report.
Chron.

OME
DEPARTMENT OF THE INTERIOR

SEP 24 1958
REGION III
DENVER, COLORADO

REGION III

Building 20
Denver Federal Center
Denver 2, Colorado
Sept. 24, 1958

Memorandum

To: Executive Officer, OME

From: R. W. Beal

Subject: Docket DMEA 463 (Copper-Lead) Contract Ida-21187, John B. Higg, Assignee, General Minerals Corporation, Assignor (Dunnitville mine) Rio Grande County, Colo. -- Progress report for August 1958

An inspection was made of the workings on the Chandler tunnel level of the Dunnitville mine. The writer was accompanied by Raymond Ball, miner. From survey tag C-12 to the face, the crosscut measured 51 feet. Start of crosscut was 5 feet beyond the survey tag making a total advance of 46 feet of crosscut. The operator started a tail raise for his diamond drill station at approximately 47 feet from the survey tag (C-12).

The operator in his MF-12A's requests payment for 46 feet of "drifting". The amount claimed by the operator was verified and is recommended for payment. Cost of payment is $1,426 of which the Government's share at 50 percent is $713.00.

E. W. Beal
R. W. Beal
Mining Engineer

RWB/ar
cc: 6
Ida-21187
chron

OME, Reg. III

SEP 22 1958

September 14, 1958
John D. King
1500 E. 7th Ave.
Denver 18, Colorado

Mr. F. M. Townsend
Alternate Acting Executive Officer
OME Field Team, Region III
United States Department of the Interior
234 New Customhouse
Denver 2, Colorado

Re: Docket No. [illegible] (Supply-Test)
Contract No. [illegible]
John D. King, Lessee
(Smuggler Mines)
Rio Grande County, Colorado.

Dear Mr. Townsend:

Enclosed please find production report on Forms 9-104 and 104-A for the period August, 1958 covering the above named property.

Very truly yours,

John D. King

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

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	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	[illegible]	[illegible]	[illegible]			
Bulldozing	[illegible]	[illegible]	[illegible]			
Crosscutting	[illegible]	[illegible]	[illegible]			
Drifting	[illegible]	[illegible]	[illegible]			
	[illegible]	[illegible]	[illegible]			
(2) Labor and Supervision:	[illegible]	[illegible]	[illegible]			
Labor						
Supervision	[illegible]	[illegible]	[illegible]			
Technical Services	[illegible]	[illegible]	[illegible]			
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	[illegible]	[illegible]	[illegible]	1426.00	2481.89	3907.89

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

Date [illegible] *Payee [illegible]

Per [illegible] Title [illegible]

*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:

$713.00

Signature RRC
(Authorized Certifying Officer)

Date 10/10/58 Vou. No. DMEA-59-48
(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. DMA-6107 in accordance with the terms of the contract.

Signature Edward W. Buell Title Mining Engr. Date 9/23/58

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: Checked for Engineering Allowability

Signature E. M. Hanchman Title acting Executive Officer Date OCT 7 1958

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 August 8 195

Docket No. DMEA 4643

Contract No. dm E-1107

Operator's Name John B. Rigg

Mine Calpper-Lead

Address 1500 E. 7th Ave., Denver, 18, Colo.

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting	Ft.	1426.00	46	1426.00	46	31.00	50	31.00
Crosscutting								
Raising								
XXXX Timbering	Ft.						50	31.00
Shafts								
Winzes								
Drilling: Core	Ft.			688.00	160	4.30	1130	7.00
XXXX Non Core	Ft.			1263.00	421	3.00	1130	5.00
XXXX Churn								
XXXX Standby	Hr.			30.00	4	7.50	16	10.00
Auger								
XXXX DD Stations	Sta.			100.00	1	100.00	3	100.00
Stripping								
XXXXX Inc. Allow.	Ft.			400.89	581	.69	2260	.69
Trenching								
XXXXX Analyses	Spl.						36	4.00
Test Pits								
XXXXXXXXX Core Box	Box						25	4.55
Roads and Trails								
mple Sack	Sack						25	.40
Total Distributed Costs		1426.00		3907.89				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		1426.00		3907.89				

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 9-12-58 Operator John B. Rigg

Per _____ Title _____

Remarks:

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

Edward W. Buel

(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

September 14, 195[illegible]
John B. Rigg
1500 E 7th Ave.
Denver, Colorado.

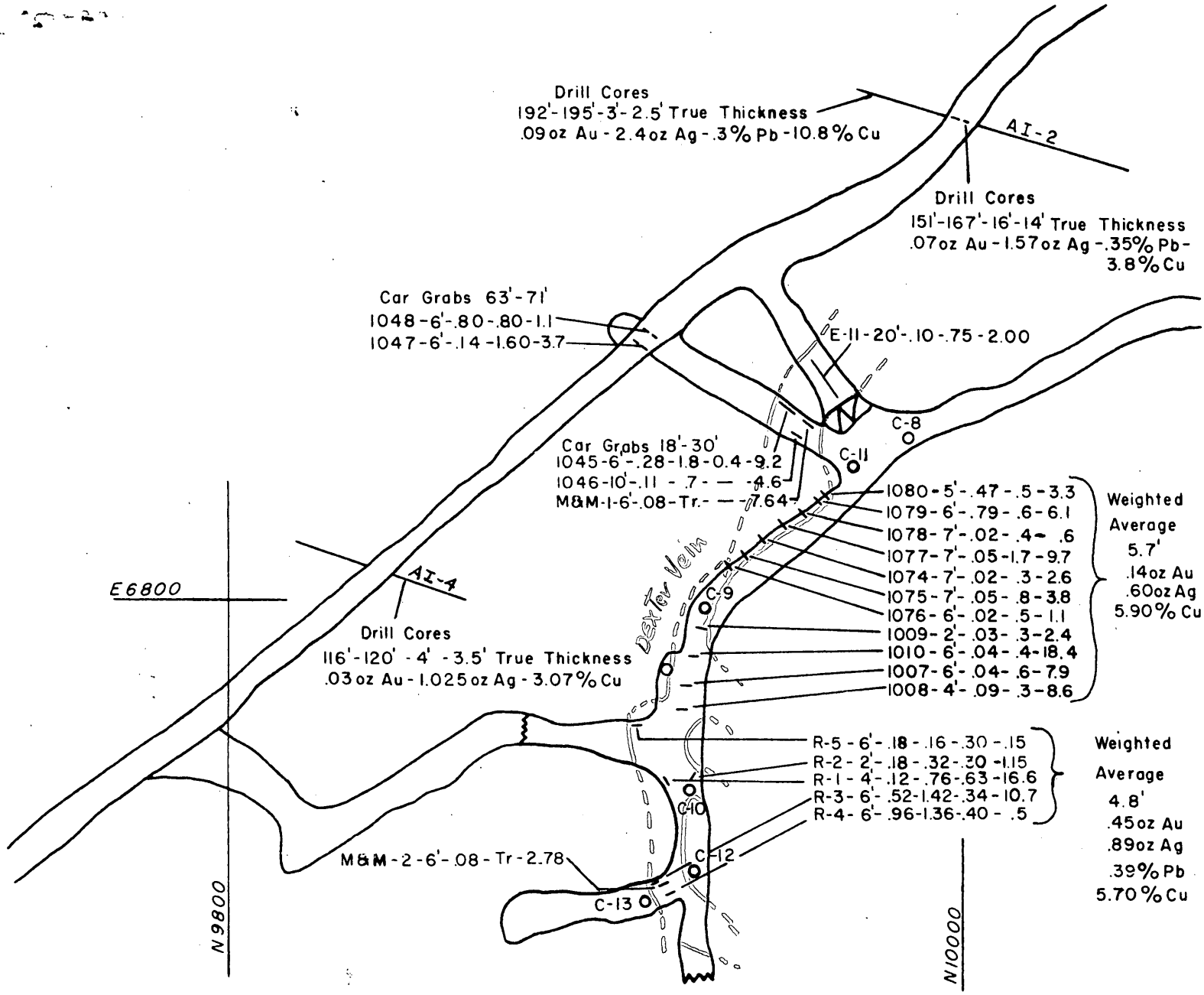
Progress Report: August 15, 195[illegible] - August 31, 195[illegible]

Re: Docket N. [illegible] 4643 (Gov ur-land)
Contract No. [illegible]
John B. Rigg, Assignee
(Summitville Mine)
Rio Grande County, Colorado.

Work under the above named contract during the period August 1[illegible]-31, 195[illegible] consisted of drifting on the cross drift, Chandler Level towards the [illegible] Station 3. 46' of drift was completed and the Dexter Vein was intersected and sampled. See attached maps and sample assay sheet. This cross vein was found to be of highly silicified nature and the assays (attached) are of fairly good grade. Although exploration on the Chandler Level under this contract was primarily for exploration of the Annie Vein below the Chandler Level, the assays, length and width of the Dexter (nee Olin) Vein are encouraged to indicate continued favorability of mineral.

It is anticipated that during September, 1952, drill holes A-3 and A-5 will be completed.

John B. Rigg



WEIGHTED AVEAGE - 40 SAMPLES

ANNIE VEIN & DEXTER VEIN

.21 oz Au - .86 oz Ag - .38% Pb (11 Samples) - 5.38% Cu

Docket No. DMEA 4643 (Copper-Lead)
Contract Idm - E 1107
John B. Rigg, Assignee
(Summitville Mines)
Rio Grande Co., Colo.

CHANDLER TUNNEL LEVEL
Scale 1" = 40'

9/15/58 w. p. burger

ASSAY MAP

FINAL DISTRIBUTION

MADE OCT 16 1958

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

Administrative Audit Difference Statement

Dr. John D. [illegible]
1500 East 7th Avenue
Denver 18, Colorado

Date: October 15, 1958
Payee's Reference: September 1958

Dear Sir:

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

Amount Claimed $ 952.00

Difference $

Amount Approved $ 952.00

RECEIVED
OCT 17 1958
Bureau of Mineral Technology
BUREAU OF MINES
Bureau Experiment Station
Denver, Colorado

The reason for the difference was due to:

Entire amount due without prior completion of project work.

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

Very sincerely yours,

N. E. Stokes
Audit Section

Daniel D. Cooper
Authorized Certifying Officer

R-III-B & F Form No. 4
4-15-52 D

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

OFFICE OF MINERALS EXPLORATION
524 Rex Centennial
Denver 2, Colorado
October 14, 1958

Memorandum

To: T. A. Christensen

From: Acting Executive Officer, OME Field Team, Region III

Subject: Contract No. [illegible] (Copper-Gold), Contract No. [illegible], John D. Hay, Assignee (Hanniville mine), Rio Grande County, Colorado - Operator's Monthly Progress Report for the Month of September, 1958, RE MONTHLY

Enclosed are the original and four copies each of Forms MP-10A and MP-10AA, Operator's narrative report, and engineer's report for the above period.

All of the work completed during the period was performed at Fixed Unit Costs in accordance with the terms of the contract. Therefore, documentation is not required. We consider that the Operator has complied with the intent of the contract and the work is acceptable to the Government.

As indicated in the engineer's report, no information relating to the assays is included with the Operator's report for September, 1958. However, the Operator's report for August, 1958, contained an "assay map" which shows the sample lengths and sample locations for the two samples claimed on the MP-10A form for September, 1958.

Withold the entire amount of Government participation, pending resumption of project work. The drilling subcontractor has cancelled its contract with the Operator, and project work cannot be resumed until another subcontractor is obtained.

REMARKS:

Date of report - - - - - - - - - - - - -October 5, 1958
Date received in field office - - - -October 9, 1958
Date received in Region Office - - - -October 13, 1958.

Original signed by
E. N. HARSHMAN

E. N. Harshman

JEC:grl
cc: Chem. Op. Comm. (2)
Regl OME/MPC ✓
MP-10A file, Reg. III
Harshman } w/copy of engineer's
Cooper } report.
Chron.

OME
DEPARTMENT OF THE INTERIOR

OCT 13 1958
REGION III
DENVER, COLORADO

Oct. 13, 1958

Memorandum

To: Executive Officer, OME

From: E. W. Buel

Subject: Docket DMEA 4043 (Copper-Lead) Contract Idm-X1107
John B. Rigg, Assignee, General Minerals Corporation, Assignor
(Sunnyville mine) Rio Grande County, Colorado -- Progress report
for September 1958

The work progress was checked on the Chandler level on October 6, 1958. The examining engineer was accompanied by F. Moore, Geological Survey. There was no one working on the property during the inspection.

From survey tag C-12 to the face, the crosscut measured 36 feet, less 5 feet to the start of the crosscut, or 31 feet of crosscut. A diagonal drill stopes has been excavated for a height of better than 15 feet above the crosscut, near the face of the crosscut. In addition to the aforementioned work, the operator put in three sets of timber, totaling 18 linear feet.

All of the work units claimed by the operator in his MF-104's for September 1958 are recommended for payment except the two claimed sumps. No information relating to the sumps accompanied the operator's MF-104's and narrative report. Payment should be withheld until sump information, specifically, location, type, and width is received.

Total recommended reimbursement amounts to $350.00 of which the Government's share at 50% is $175.00.

The operator's totals in "Costs to Date" and "Totals to Date" columns are in error by $100.00.

E. W. Buel
E. W. Buel
Mining Engineer

EWB/mr
cc: 6 Idm-X1107 chron

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

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	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 [illegible]	0	263.00	263.00			
Bulldozing [illegible]	0	600.00	600.00			
Crosscutting [illegible]	[illegible]	0	[illegible]			
Drifting	[illegible]	[illegible]	[illegible]			
[illegible]		[illegible]	[illegible]			
(2) Labor and Supervision:						
Labor [illegible]	0	[illegible]	[illegible]			
Supervision [illegible]	[illegible]	[illegible]	[illegible]			
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	[illegible]	0	[illegible]			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	[illegible]	[illegible]	[illegible]	358.00	3907.89	4265.89

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

Date ..... *Payee [signature]

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

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

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

(Instructions on reverse)

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

$ No payment

Signature RRC
(Authorized Certifying Officer)

Date 10/15/58 Vou. No. —

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. DMA-2107 in accordance with the terms of the contract.

Signature Edward W. Bird Title Mining Engr. Date 10/10/58

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: Checked for Engineering Allowability

Signature E. M. Hendrickson Title Acting Executive Officer Date OCT 14 1958

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 ME-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 _____ 195_ Docket No. DMEA _____ Contract No. _____
Operator's Name _____ Minerals _____
Address _____

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								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								

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

Date _____ Operator _____

Per _____ Title _____

REMARKS: _____

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

Edward W. Buck

(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

OME
DEPARTMENT OF THE INTERIOR
OCT 8 - 1958
REGION III
DENVER, COLORADO

October 7, 1958
1500 E. 7th Ave.
Denver 18, Colorado.

Mr. J.W. Townsend
Alternate Acting Executive Officer
DMEA Field Team, Region III
United States Department of the Interior
224 New Customhouse
Denver 2, Colo.

Re: Docket No. DMEA 4643 (Copper-Lead)
Contract Idm-E1107
John B. Rigg, Assignee
(Summitville Mine)
Rio Grande County, Colorado.

Dear Mr. Townsend:

Enclosed please find Forms MF-104 (Revised) and MF 104A and Progress Report for September, 1958 on the above named property.

Very truly yours,

John B. Rigg

OME
DEPARTMENT OF THE INTERIOR
OCT 13 1958
REGION III
DENVER, COLORADO

October 7, 1958
1500 E. 7th Ave.
Denver, 15, Colorado.

Progress Report, September, 1958

Re: Docket No. DMEA 4643 (Copper-Lead)
Contract No. Idm E-1107
John B. Higgs, Assignee
(Summitville Mine)
Rio Grande County, Colorado.

During September, 1958, work under the above named contract was progressed on Annie Vein, Stage I, Chandler Level. The cross drift to D3 Station #3 was completed, some timber instilled and the drill station set up.

A drilling company, Sprague and Henwood, Inc., was employed under contract to drill Holes AI-3 and AI-5. Their personnel moved on the property on Sept. 22, 1958, the drill was set up and work commenced. However, on Sept. 23, a drill helper received a broken foot when a slab approximating 100 pounds fell from the side of the tunnel. The remaining crew quit and the drill contractor requested termination of the contract. No assurances that additional safety measures would be placed at the contractor's request above and beyond normal accepted mining procedures could avail the contractor to continue. Therefore, Sprague and Henwood, Inc., moved their equipment from the property.

Efforts to have another contractor do the work were to no avail. (See attached letter from Doyles Bros.) However, additional contract drillers have been contacted and it is now anticipated that the drilling will commence on Oct. 15, 1958

Boyles Bros. Drilling Co.
2960 West 7th Ave.
Denver 4, Colorado.

Mr. John B. Rigg
1500 E 7th Ave.
Denver 18, Colorado.

Dear Jack:

In regard to your proposal for drilling at Summitville this fall, we regret that owing to the lateness of the season, the inaccessability of the property, lack of road maintenance and increased expenses of winter operations, we would prefer to recess this program until next spring and summer.

Thank you for calling on our company.

Very truly yours,

R.F. Durfee
District Manager

Copy

2114 CURTIS STREET

TELEPHONE MAin 3-1852

CHARLES O. PARKER & CO.

CHEMISTS • ASSAYERS • ENGINEERS
DENVER 5, COLORADO

Folio 7223

Date Sept. 13, 1958.

Jack Rigg,
1500 E. 7th Ave.,
Denver 18, Colorado.

We hereby Certify, that the samples assayed for you gave the following results:

	DESCRIPTION	GOLD OUNCES PER TON	SILVER OUNCES PER TON	COPPER PER CENT WET	LEAD PER CENT WET	ZINC	IRON	INSOLUBLE PER CENT	VALUE PER TON
R-1	No. 1	0.12	0.76	16.60	0.63				
R-2	No. 2	0.18	0.32	1.15	0.30				
R-3	No. 3	0.52	1.42	10.70	0.34				
R-4	No. 4	0.96	1.36	0.50	0.40				
R-5	No. 5	0.18	0.16	0.15	0.30				

Gold at _____ per ounce Copper at _____ per unit

Silver at _____ per ounce Zinc at _____ per unit

Lead at _____ per unit _____

Charge $ 20.00
DMEA quotation.

CHARLES O. PARKER & CO.
CHEMISTS, ASSAYERS and ENGINEERS

FINAL DISTRIBUTION MADE
RECEIVED
SEP 10 1958
SEP 10 1958
Div. of Mineral Technology
BUREAU OF MINES
Denver Experiment Station
Denver, Colorado

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

Administrative Audit Difference Statement

Date: September 9, 1958
Payee's Reference: October, November, and December 1958

General Minerals Corporation
400 Mercantile Building
Dallas 6, Texas

Gentlemen:

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

Amount Claimed $ 8,196.77

Difference $ 5,814.83

Amount Approved $ 2,381.89

The reason for the difference was due to:

Disallowed, Drilling

Of the five holes reported, only two holes, numbers A-1-4 and T-1-1, are acceptable under the terms of the contract for the reasons outlined in the engineer's report. The reported cost, including Incidental Allowance for the balance of the drilling, is disallowed as follows:

Non-core drilling:
Reported cost, 1272 feet at total cost of ---- $4,133.35
Acceptable cost, 421 feet at $3.00 ft. ------ 1,263.00
Disallowed ---------- $2,870.35

Core drilling
Reported cost, 251 feet at total cost of ---- $1,079.30
Acceptable cost, 160 feet at $4.30 ft. ------ 688.00
Disallowed ---------- 391.30

(CONTINUED ON ATTACHED SHEET)

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

Very sincerely yours,

N. E. Stokes
Audit Section

R-III-B & F Form No. 4
4-15-52 D

Incidental Allowance:

Reported cost, 1323 ft. at total cost of ----	$912.87	
Acceptable cost, 581 ft. at $0.69/ft. -------	400.89	
Disallow ----------		511.98

Disallowed, Standby Time

The contract provides a total of 16 hours standby time for 8 holes under Stage I. Only two acceptable holes have been completed to date; therefore, the acceptable standby time is prorated at 2 hours per hole for each completed hole. The reported cost for the balance of the reported standby time is disallowed as follows:

Reported cost, 249.5 hours at $7.50 per hour	$1,871.25	
Acceptable cost, 4 hours at $7.50 per hour	30.00	
Disallow ----------		1,841.25
Total amount disallowed ----------		$5,814.88

224 New Customhouse
Denver 2, Colorado
Sept. 3, 1958

Memorandum

To: T. A. Christensen

From: Alternate Acting Executive Officer, DMEA Field Team, Region III

Subject: Docket No. DMEA 4643 (Copper) Contract Idm-E1107, General Minerals Corporation (Bassitville mine) Rio Grande County, Colorado - Operator's Monthly Progress Report for the period October - December, 1957

Enclosed are the original and four copies each of Forms MF-104 and MF-104A, Operator's Narrative Report, and Engineer's Report for the above period.

The work is being performed partly under independent subcontract, and partly at fixed unit costs. The drilling rates are as low or lower than the rates contained in the lowest and best bid submitted with the application. Bids were not submitted for bulldozer work; however, the bulldozing rates are in line with the standard rates prevailing in the project locality for the size and make of bulldozer used on the project. Under the circumstances, the rates for the work performed under independent subcontract are considered to be reasonable.

Except as otherwise indicated below, we consider that the Operator has complied with the intent of the contract, and the work for which payment is recommended is acceptable to the Government. Payment is recommended on the following basis contingent on your verification of the correctness of applicable rates and arithmetical accuracy of computations.

<u>Disallowance, Drilling</u>

Of the five holes reported, only two holes, Nos. A-1-4 and T-1-1, are acceptable under the terms of the contract for the reasons outlined in the engineer's report. The reported cost, including Incidental Allowance for the balance of the drilling, is to be disallowed as follows:

Non-core drilling:

Reported cost, 1072 feet at total cost of——$4,333.35
Acceptable cost, 421 feet at $3.00/ft.——— 1,263.00
Disallow——————————————————————————$3,070.35

Core drilling:

Reported cost, 251 feet at total cost of——$1,079.30
Acceptable cost, 160 feet at $4.30/ft.——— 688.00
Disallow——————————————————————————— 391.30

Incidental Allowance:

Reported cost, 1323 ft. at total cost of——$ 912.87
Acceptable cost, 581 ft. at $0.69/ft.——— 400.89
Disallow——————————————————————————— 511.98

Disallowance, Standby Time

The contract provides a total of 16 hours standby time for 8 holes under Stage I. Only two acceptable holes have been completed to date; therefore, the acceptable standby time is prorated at 2 hours per hole for each completed hole. The reported cost for the balance of the reported standby time is to be disallowed as follows:

Reported cost, 249.5 hours at $7.50 per hour—$1,871.25
Acceptable cost, 4 hours at $7.50 per hour——— 30.00
Disallow——————————————————————————— 1,841.25

Total amount to be disallowed——————————————————$5,814.88

Reconciliation with Amount Reported by the Operator on Form MF-104 for the period October - December, 1957

Amount reported on Form MF-104 for October - December, 1957——$8,196.77
Amount to be disallowed——————————————————————— 5,814.88
Acceptable cost for October - December, 1957——————————$2,381.89

Government participation at 50 percent——————————————$1,190.95

The contract was assigned from General Minerals Corporation to Mr. John B. Rigg, effective August 15, 1958. Payment for work performed prior to August 15, 1958, is to be made to General Minerals Corporation, therefore, payment of the contract contribution in the acceptable amount for October - December, 1957, is to be made to:

General Minerals Corporation
440 Meadows Building
Dallas 6, Texas.

Remarks:

Date of Report----------March 12, 1957
Date Received in Field Office----------March 24, 1957
Date Received in Region Office----------August 13, 1957
Reason for Delay: Voucher withheld from processing pending receipt of additional information requested from Operator.

Original signed by
J. W. TOWNSEND
J. W. Townsend

Enclosures

JBC:hmk

cc: Chem. Op. Comm. (2)
NMBA/DPC
MF-104 file, Reg. III
Harshman } w/copy of
Cooper } Engr's Report
Chron

DMEA
DEPARTMENT OF THE INTERIOR
AUG 13 1958
REGION III
DENVER, COLORADO

DMEA
DEPARTMENT OF THE INTERIOR
JUL 24 1958
REGION III
DENVER, COLORADO

REGION III

Building 20
Denver Federal Center
Denver 2, Colorado
July 23, 1958

Memorandum

To: Acting Executive Officer, DMEA Field Team, Region III

From: Edward W. Beal

Subject: DMEA Contract 4643 (copper) Contract Ike-EL107, General Minerals Corp. (Bunkerville mine) Rio Grande County, Colo. — Progress report for October through November 1957

The last inspection of the property was made on December 2, 1957. The property was inspected with Messrs. J. Rigg and R. Valentt, company employees.

At the time of the inspection, a drill crew was drilling hole AI-4 on the Chandler level. The hole was down to a depth of 97 feet. Hole AI-3 was abandoned because of stuck rods. On the Chandler level, the operator began a run-around drift near coordinates [illegible] and [illegible]. The new drift was 4 feet in length. The core for holes AI-4, VI-1, and VI-2 was examined by F. R. Shaw at Grand Junction, Colo. The drill hole information for the core inspection is given in a memorandum of June 25, 1958, to the Field Team.

Processing of the operator's MF-104's was held up pending the receipt of core sections and drill log data.

The operator in his combined MF-104's for October through November 1957 requests payment for 1,072 feet of measure and 251 feet of core drilling, 1,323 feet of footbreak allowance, and 249.5 hours of standby time. The total footage of 1,323 for measure and core drilling represents the total footage of holes VI-1, VI-2, VI-3, AI-1, and AI-4 as given in the drill contractor's invoices. Holes AI-1 and AI-2 were also completed, but because they were drilled prior to the contract date, the operator has not claimed them as part of the contract work.

Discrepancies between the drill logs, narrative reports, and driller's invoices were noted. For example, the following differences were detected for the drill logs and driller's invoices:

Hole	Drill Logs				Driller's Invoices			
TI-1	90 ft. core +	301 ft. noncore		391 ft.	95 ft. core +	296 ft. noncore		391 ft.
TI-2	90 ft. core +	300 ft. noncore		390 ft.	52 ft. core +	360 ft. noncore		412 ft.
TI-3	34 ft. core +	180 ft. noncore		214 ft.	34 ft. core +	180 ft. noncore		214 ft.
AI-4	171 ft. core +	19 ft. noncore		190 ft.	70 ft. core +	120 ft. noncore		190 ft.
AI-3	-	116 ft. noncore			-	116 ft. noncore		116 ft.
	385 ft.	916 ft.		1301 ft.	251 ft.	1072 ft.		1323 ft.

The operator lists 269.5 hours of standby time of which only 16 hours are allowable under the contract.

Drill log information and recommendations for payment are tabulated as follows:

Hole	Core	Noncore	Total	Recommendations
AI-3	-	116 ft.	116 ft.	No payment for an incompleted hole
AI-4	70 1/	120 1/	190 ft.	All footage is recommended for payment

1/Based on the contractor's invoices which would be more advantageous in cost.

TI-1	90 2/	301 2/	391 ft.	All footage is recommended for payment

2/Based on drill log information which would be more advantageous in cost.

TI-2	52 3/	338 3/4/	390 ft.	No payment for any of the hole. Operator did not core target area (see accompanying cross section)

3/Based on the contractor's invoices which would be more advantageous in cost.
4/Less 22 feet from the contractor's total of 412 feet for overdrilling.

TI-3	34 ft.	180 ft.	214 ft.	No payment for an unauthorized hole

A summary of recommended work units for payment is listed as follows:

Item	Amount	Unit/Cost	Total
Noncore	481 ft.	$3.00/ft.	$1,443.00
Core	160 ft.	4.30/ft.	688.00
Incidental allowance	581 ft.	0.69/ft.	400.89
Standby time	16 hrs.	7.50/hr.	120.00
			$2,471.89

The Government's share of $2,471.89 at 50 percent is $1,235.95.

Edward W. Duel

Edward W. Duel
Mining Engineer

EWD/mr cc: 6 Idm-81107 chron

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 Oct. Nov. Dec., 1957 Docket No. DMEA 4643 Contract No. Idm-E1107
Operator's Name General Minerals Corporation Minerals Copper-Lead
Address 440 Meadows Bldg., Dallas 6, Texas
Contract Amount, $149,380.00 Government Participation: 50 % Amount, $74,690.00

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~~ Drilling	5412.65	0.00	5412.65			
~~Bulldozing~~ Standby Time	1871.25	0.00	1871.25			
~~Crosscutting~~ Incid. Allow.	912.87	0.00	912.87			
~~Drifting~~ D. D. Stations	0.00	100.00	100.00			
Analyses						
(2) ~~Labor and Supervision~~:						
~~Labor~~ Core Boxes	0.00	0.00	0.00			
~~Supervision~~ Spl. Sacks	0.00	0.00	0.00			
~~000~~ ~~nical Service~~ X-Cut	0.00	0.00	0.00			
(3) ~~Operating Matls. and Supplies~~:						
Timber	0.00	0.00	0.00			
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	8196.77	100.00	8296.77	2,381.89	100.00	2,481.89

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

Date 3-12-58 *Payee General Minerals Corporation

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:

$1190.95

Signature [signature]
(Authorized Certifying Officer)

Date 9/9/58 Voucher DMA 59-25

(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. Dm-E1107 in accordance with the terms of the contract.

Signature Edward W. Buel Title Mining Engr. Date 7/23/58

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] Checked for Engineering Allowability Title alternate acting Executive Officer Date AUG 22 1958

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 Oct. Nov. Dec. 7 195 Docket No. DMEA 4643 Contract No. Idm-E1107

Operator's Name General Minerals Corporation Minerals Copper-Lead

Address 440 Meadows Bldg., Dallas 6, Texas

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 Non Core Dr.	Ft.	4333.35	1072	4333.35	1072	4.04	1130	5.00 Stage I
Crosscutting Case Drill	Ft.	1079.30	251	1079.30	251	4.30	1130	7.00
Raising Standby Tiem	Hr	1871.25	249.5	1871.25	249.5	7.50	16	10.00
Shaft Iacid. Allow.	Ft.	912.87	1323	912.87	1323	0.69	2260	0.69
Winze D. D. Stations	Sta.	0.00	0	100.00	1	100.00	3	100.00
Drilling Analyses	Spl.	0.00	0	0.00	0	0.00	36	4.00
Core Box	Box	0.00	0	0.00	0	0.00	25	4.55
Spl. Sack	Sack	0.00	0	0.00	0	0.00	25	0.40
Stripping Cross Cuttng.	Ft.	0.00	0	0.00	0	0.00	50	31.00 Stage II
Trenching Timbering	Ft.	0.00	0	0.00	0	0.00	50	7.00 "
Test Pits								
Roads and Trails								
Total Distributed Costs		8196.77		8296.77				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		8196.77		8296.77				

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 3-12-1958 Operator General Minerals Corporation

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.

Edward W. Buel

(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".

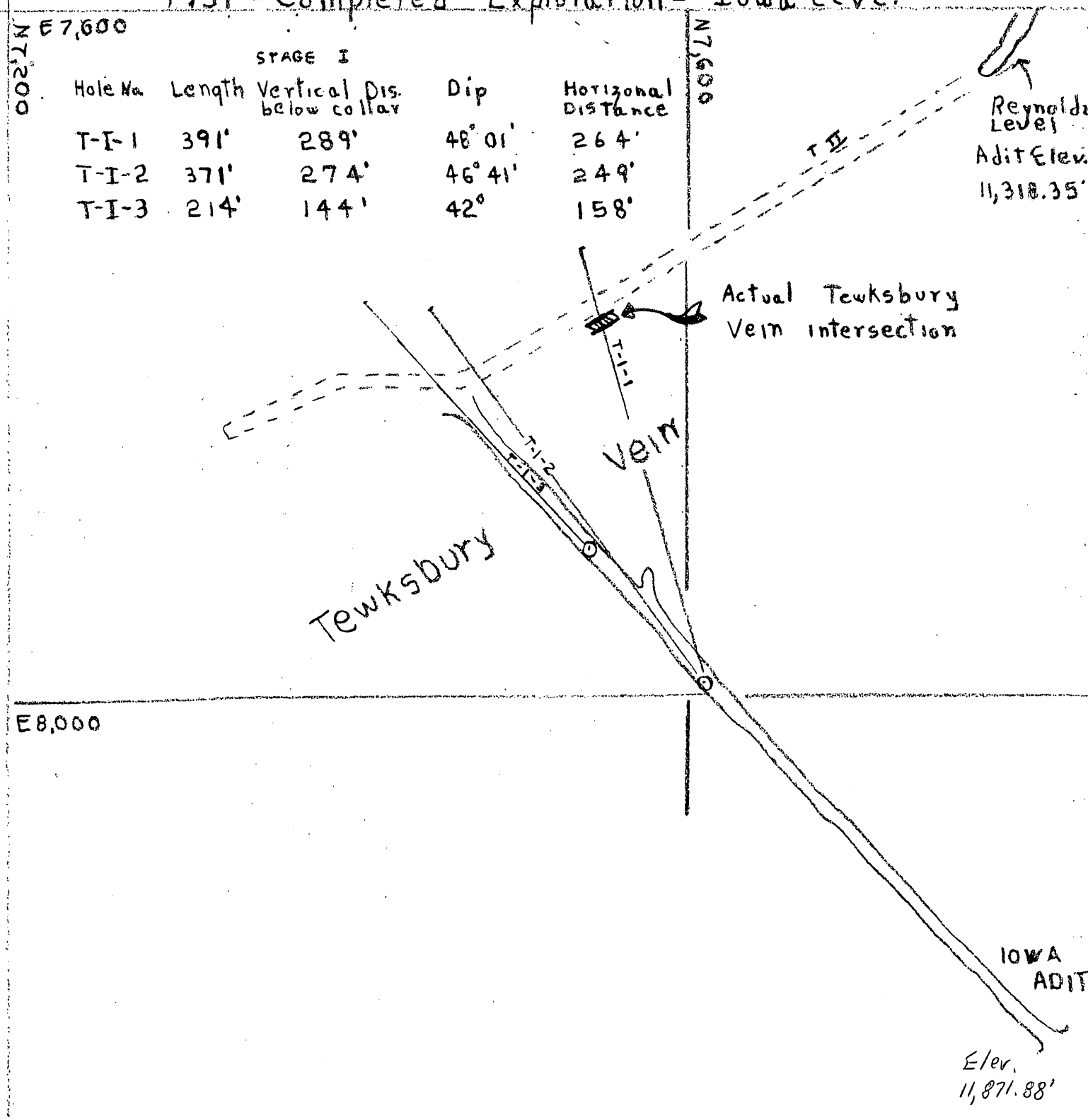
In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active 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

1957 - Completed Exploration - Iowa Level

STAGE I

Hole No.	Length	Vertical Dis. below collar	Dip	Horizonal Distance
T-I-1	391'	289'	48° 01'	264'
T-I-2	371'	274'	46° 41'	249'
T-I-3	214'	144'	42°	158'



SCALE 1" = 80'
4/18/58 JBR

GENERAL MINERALS CORP.
440 MEADOWS BLDG.
DALLAS, TEXAS

General Minerals
Dallas, Texas

GENERAL MINERALS CORPORATION

November 7, 1957

DRILL HOLE LOG

Drill Hole No. T-I-1 Iowa Level Summitlille Mine Rio Grande County Colorado

Total Depth 391' Date Started 9/30/57 Date Finished 11/4/57

From	To	Ft Core Recovered	Color	Mineralization	Remarks
0	60	Plug			
60	63	3.0	G	Py Stibnite Sm Eng	Le Si La Vg
63	65	2.0	Lg G	Py K	Si La Vg
65	306	Plug			
306	323	17.0	G to LG	Py S K Al	Si La Br
323	329	6.0	G	Py Tr En	Si La Le Vg Tewksbury Vein
329	329.5	0.5	Dk G	M Py Sm En	Si
329.5	333	3.5	G	Py K Al	Si La Li Vg
333	350	17.0	G	Py Sm K Tr En &Sl	Lo Si La Vg
350	354.5	3.0	G	Py Si Al K	Si La Li Vg
354.5	365	10.0	G	Py Al K Tr Sl?	Si La Li Vg Br?
365	381	9.0	LG	Py Al K	A La Cl Vm S
381	391	8.0	LG	Tr Py Biotite	La A Sm

Logged by Richard V. Gaines
Driller Boyles Brothers

Remarks: Legend:

A- altered
Al- alunite
Br- breccia
Cv- covellite
Cl- clay
En- enargite
G- gray
K- kaolin
Le- leached
La- latite
Li- little
Py- pyrite
S- soft
Sm- some
Sl- sphalerite
Si- silicified
Tr- trace
Vm- very much
Vg- vugsy

Signed [signature]
General Minerals Corporation

GENERAL MINERALS CORP.
440 MEADOWS BLDG.
DALLAS, TEXAS

GENERAL MINERALS CORPORATION

November 16, 1958

Drill Hole Log

Drill Hole No. T-I-2 Iowa Level Summitville Mine Rio Grande County Colorado

Total Depth 371-412' Date Started 11/6/57 Date Completed 11/14/57

From	To	Ft. Drilled core rec'd	Color	Mineralization	Remarks
0	53.5				Plugged
53.5	56	2.5	D G	Vm Py, Tr Bl Min?	Le Si La Sm Vg
56	59	3.0	G to LG	Py K	A Si La
59	61	2.0	G	Py K Tr Bl Min? Sl	Le Si La Vg
61	189	Plug			
189	196	1.6	G	Py Al K	Le Si La Vg
196	200	3.4	G	Py Al Tr Cv & En	Le Si La Vg
200	206	2.0	G	Py K	Si La A
206	221	Plug			
221	231	4.7	G	Tr Py K	La A
231	233	0.5	G	Py K	Le Si La
233	296	Plug			
296	301	4.6	LG	Py	A La Sm Si
301	306	3.9	LG		A La S
306	316	2.8	LG		A La
316	358	Plug			
358	367	1.8	LG	Tr Py	A La H
367	371	3.5	LG		
371	390	0.2	Boyles recovered no core and stuck tools		

Logged by R. V. Gaines
Driller Boyles Brothers

Remarks: Legend:

A- altered	Li- little
Al- alunite	Py- pyrite
Br- breccia	S- soft
Cv- covellite	Si- silicified
Cl- clay	Sl- sphalerite
En- enargite	Sm- some
K- kaolin	Tr- trace
La- latite	Vm- very much
Le- leached	Vg- vuggy

Signed _____
General Minerals Corporation

GENERAL MINERALS CORP.
440 MEADOWS BLDG.
DALLAS, TEXAS

GENERAL MINERALS CORPORATION September 30, 1957

Drill Hole No. T-1-3 Iowa Level Summitville Mine Rio Grande County Colorado

Total Depth 214' Date Started 9/19/57 Date Completed 9/26/57

From	To	Ft. Core Recovered	Color	Mineralization	Remarks
0	65	Plug			
65	75	6.0	G to DG	Py Al K	Le Si La Sm Vg
75	190	Plug			
190	201	7.2	G	Py Al K	Le Si La Vg
201	208	5.3	G	Py Al K	Si La A
208	214	4.3	G	Tr Py Al K	A La S

Logged by R. V. Gaines
Driller Boyles Brothers

Remarks: Legend:

A- altered
Al- alumite
Br- breccia
Cv- covellite
Cl- clay
K- kaolin
La- latite
Le- leached
Li- little
Py- pyrite
S- soft
Si- silicified
Sm- some
Tr- trace
Vm- very much
Vg- vuggy

Signed
General Minerals Corporation

GENERAL MINERALS CORP.
440 MEADOWS BLDG.
DALLAS, TEXAS

REPORT ON OPERATIONS AT SUMMITVILLE MINE

October 1 - October 31, 1957

DMEA
DEPARTMENT OF THE INTERIOR
MAR 27 1958
REGION III
DENVER, COLORADO

IOWA LEVEL

Hole # TI-1 was started September 28, and by October 20 had reached a depth of 300 feet. At this point drilling difficulties were encountered and the core barrel became detached; however, by October 31 the difficulties had been overcome and the core barrel recovered, and normal drilling was again in progress at 312 feet depth.

CHANDLER LEVEL

The crosscut just south of the Ida shaft was continued to a total length of 75 feet without encountering the old Annie drift. Since it should have been intersected at about 65 ft. along the crosscut, exploratory holes were drilled in the back until the old drift was encountered at about 64 ft. The track level in the old drift was 10.5 ft. higher than that in the new crosscut. A small round was drilled in the back at this point and a hole blasted through giving access to the old drift. This proved to be open over a total length of about 350 ft., from N9800, E6835 to N10075, E6880. It appeared to be just as described in the old reports, with a persistent copper vein carrying enargite and covellite. Virtually no new stoping had been done since the Ewing and Smith survey of 1899.

DMEA

Hole TI-1 was drilled to 312 ft. depth. This included 294 ft. of non-core drilling and 16 ft. of core drilling. Drilling on this hole was continuing as of the end of the month.

GENERAL MINERALS CORPORATION

BY S. Y. Guthrie III

S. Y. Guthrie, III, Vice President.

1321 South Main St. SALT LAKE CITY 15, UTAH Phone HUnter 4-4401

Boyles Bros. DRILLING COMPANY

DIAMOND DRILLING CONTRACTORS ENGINEERS — GEOLOGY

FOR CUSTOMER'S USE ONLY	
REGISTER NO.	VOUCHER NO.
TERMS APPROVED	RATE APPROVED
CALCULATIONS CHECKED	
FOOTAGE CHECKED	
ADJUSTMENTS	
ACCOUNTING DISTRIBUTIONS	
AUDITED	FINAL APPROVAL

INVOICE DATE: 10/21/57
ORDER NUMBER:
INVOICE NUMBER:
CONTRACT: 2-57
TERMS: Net 10 prox
LOCATION: Summitville, Colorado

General Minerals Corp.
Box 446
Grand Junction, Colorado

HOLE NO.	FROM	TO	FOOTAGE	RATE	TOTAL
T-[illegible]-3	0	100	100 Plug	5.00	500.00
	100	214	24	4.20	100.80
Mobilization					100.00
					$[illegible]

Est 60

1321 South Main St. SALT LAKE CITY 15, UTAH Phone HUnter 4-4401

Bovles Bros. DRILLING COMPANY

DIAMOND DRILLING CONTRACTORS ENGINEERS — GEOLOGY

FOR CUSTOMER'S USE ONLY	
REGISTER NO.	VOUCHER NO.
TERMS APPROVED	RATE APPROVED
CALCULATIONS CHECKED	
FOOTAGE CHECKED	
ADJUSTMENTS	
ACCOUNTING DISTRIBUTIONS	
AUDITED	FINAL APPROVAL

INVOICE DATE: 10/21/57
ORDER NUMBER:
INVOICE NUMBER:
CONTRACT: 2-47
TERMS: 10 prem
LOCATION: Summitville, Colorado

General Mineral Corp.
Meadow Building
Dallas, Texas

HOLE NO.	FROM	TO	FOOTAGE	RATE	TOTAL
T-1-1	0	200	104 plug	3.00	312.00
			16 core	4.20	67.20
	200	312	112 plug	3.20	358.40
Reaming	0	304	304	2.25	684.00
Stand-by time			20-1/2 hrs.	7.50	153.75
Cement time			56 hrs.	8.50	476.00
Lumnite Cement			3 sacks	4.75	14.25
					$2,307.20

312

.60

REPORT ON OPERATIONS AT SUMMITVILLE MINE

November 1 - November 30, 1957

Iona Level

Hole TI-1 was completed at a depth of 391' on November 5. Core recovery was good. Silicified, mineralized vein material was encountered from 60' to 63' and from 323' to 350'. Core was taken to the Denver Federal Center, split, and stored there. The splits were assayed, with the following results:

	Au - oz.	Ag - oz.	Cu - %
60' - 63'	.05	3.2	.2
323' - 326'	.02	.7	1.5
326' - 330'	.06	.8	.2
330' - 335'	.04	.6	.5
335' - 340'	.03	1.0	.4
340' - 345'	.025	1.0	1.2
345' - 350'	.03	.7	.8
Weighted Average - 323' - 350'	.034	0.8	.73

The true thickness represented by this vein was about 18'. A log of the hole is appended.

Hole TI-2 was started November 6 and was completed to 412' November 14. Core recovery was poor, averaging about 40% in the sections cored. Due to a misunderstanding on the part of the driller, the last 41' of the hole was not cored. This footage was of no value to us (it was, in any event, beyond the point where the vein had been expected) and no payment should be made on the hole beyond 371' depth. Vein material was encountered at 53.5' - 56' and at 189' to about 200'; however, no strong vein was encountered in the interval 300' - 360' about where the Tewksbury vein had been expected. The formations encountered in this section were similar to those found about 125' higher in TI-3, which had been drilled previously directly above TI-2 and also failed to intersect a vein. The section from 53.5' to 56' has been split and assayed, but the section from 189' to 200' has not yet been split or assayed. The results are:

	Au - oz.	Ag - oz.	Cu - oz.
53.5' - 56'	.045	.7	.3

A log of the hole is appended.

Chandler Level

Hole AI-4 was started November 21 and by November 30 had reached a

depth of 77'.

Considerable difficulty was experienced keeping the water line thawed out, and a 4" line finally had to be installed from the Chandler adit to the drill station, using the same pipe as was previously being used to bring air from the Copper Hill adit to the Iowa level for the drilling there. This resulted in much stand-by time.

DMEA

Hole TI-1 was completed from 312' to 391', a distance of 79', all of which was cored. Hole TI-2 was drilled to 371' depth, with a possible 41' additional depth to be determined later. Of the 371', 317' was plugged and 54' cored. Hole AI-4 was drilled to 77' depth, of which 73' was plugged and 4' cored. Thus, the total coring was 137', and 390' was plugged. Fourteen core boxes were used, and 8 sample sacks. Eight samples were assayed for copper, silver, and gold.

Richard V. Gaines

South Main St. SALT LAKE CITY 15, UTAH Phone HUnter [redacted]1

Boyles Bros. DRILLING COMPANY

DIAMOND DRILLING CONTRACTORS ENGINEERS — GEOLOGY

FOR CUSTOMER'S USE ONLY	
REGISTER NO.	VOUCHER NO
TERMS APPROVED	RATE APPROVED
CALCULATIONS CHECKED	
FOOTAGE CHECKED	
ADJUSTMENTS	
ACCOUNTING DISTRIBUTIONS	
AUDITED	FINAL APPROVAL

INVOICE DATE: 11/30/57
ORDER NUMBER:
INVOICE NUMBER:
CONTRACT: 2-47
TERMS: Net 10 prox
LOCATION: Summitville, Colorado

General Minerals Corp.
Box 446
Grand Junction, Colorado

HOLE NO.	FROM	TO	FOOTAGE	RATE	TOTAL
T-I-1	312	391	79 Core	4.20	330.70
T-I-2	0	200	16 Core	4.20	68.20
			184 Plug	3.00	552.00
	200	412	36 Core	4.20	154.00
			176 Plug	3.20	563.20
A-I-4	0	77	77 Plug	3.00	231.00
Standby			100 Hrs.	7.50	750.00
					$2,650.50

Re: Docket DMEA 4643 (Copper-Lead)
Contract IDM E-1107
Summitville Mine
General Minerals Corp.
Rio Grande County, Colorado.

HOLE NO. A-I-4 Chandler Level - A nnie Vein

Depth		Distance	Core Recovery	Mineral	Rock
0-41'		41'	6'	Kaolin, Tr Py	Altered Latite, Porphyry, fractured
41-44'	A	3'	1.3'	Py, Cv, Cc	Silicified, leached, latite
44'-45'	A	1'	.8'	Py, Cc, Cv	" " "
45'-48'		3'	3'	Py, Cv, Kaolin	Altered Latite Porphyry, partial silicified
48'-67'		19'	6'	Py, Kaolin	Altered latite, porphyry
67'-89'		22'	10'	Py, Kaolin	" " "
89'-97'		8'	2.3	Py Kaolin	Altered latite, porphyry, slightly silicified
97'-116'		19'	Plug		
116'-120'	A	4'	4'	Enargite, Py	Leached, silicified latite
120 - 123'		3'	2'	Py, trace Enargite	Silicified latite, partial leache
123' - 127'		4'	1.4'	Kaolin, trace Py	Altered silicified latite
127'-132'		5'	3'	Kaolin, trace Py	Altered latite, porphyry
132'-152'		20'	No core recovery - vug?		
152'-168'		16'	6'	Kaolin, trace Py	Altered latite, porphyry
168'-176'		8'	5'	Kaolin, trace Py	Altered latite, partially silicified
176'-184'		8'	3'	K, trace Py	Altered latite, mud
184'-190'		6'	5'	K, trace Py	Altered latite

Core Recovery 116'-190'

Distance	74'
Core	29'
Core Recovery	38%

Assay Results

Sample No.	Depth	Au	Ag	Pb	Cu
A-I-4-6	116'-117'	0.02	0.4	0.25	1.2
A-I-4-7	117'-118'	0.03	1.1		3.2
A-I-4-8	118'-119'	0.045	1.6		5.9
A-I-4-9	119'-120'	0.025	1.0		1.9
A-I-4-10	120'-121'	0.04	0.6		0.2
A-I-4-11	121'-123'	0.03	0.5		0.2

Average 116'-120' 4' .03 oz Au, 1.025 oz Ag, 3.07% Cu

Re: Docket DMEA 4643 (Copper-Lead)
Contract IDM E-1107
General Minerals Corp.
Rio Grande County, Colorado.

REPORT ON OPERATION AT SUMMITVILLE MINE

(This report covers the period December 1 - December 22, 1957)

A. Chandler Level - Stage I

Diamond Drill Hole A-I-4 was started on November 21 and had reached a depth of 77' by December 1. This hole was completed to a depth of 190.0' on December 12. No core was recovered from 132' to 152', the supposed location of the Annie Vein. The driller for Boyles Bros. says that his rods dropped 11' without touching anything. This probably means that the hole was located to intersect a vug, water course or crack, prevalent in the veins at Summitville. Assays were made of other areas cored in the hole. A log of the hole A-I-4 is attached. See attached map.

Drill Hole A-I-3 was collared on December 13, 1957, and drilled to a total depth of 116.0' on December 20, 1957. The rods were stuck and the hole abandoned by the drill contractors, so no payment is anticipated.

Considerable standby time was accumulated against Drill Hole A-I-4 because of freezing water lines. We were forced to install a 4" line in place of the 1 1/2" line from the portal to the drill station, a distance of over 1050 feet.

The main water line to the boarding house, compressor room and office froze on December 17, and after four days' work, we were forced to close down the Summitville operation because of our inability to keep this water line open. This main had been in use since installation during the 1930's and had not frozen previously. We believe that the increased moisture prevalent in the ground after the heavy snows of the winter 1956-57, coupled with a wet summer in 1957, caused increased moisture in the topsoil. No snow of consequence fell at Summitville after October 1957, and the bare ground was exposed in December 1957 to extreme freezing conditions. The moist ground froze around the main water line, causing the line itself to freeze also. We were then without water for heat in the buildings, no fire protection and no cooling facilities in the main compressor room. We shall anticipate reopening before June 1st, 1958.

Drifting on the Diamond Drill Station #3 on the Chandler Level at coordinates N 9880 E 6900 was completed to a distance of 42 feet. This was not finished nor was the drill station tail raise completed due to cessation of all activities. See attached map.

The Executive Office, DMEA, Field Team, Region III will be advised on the date of our program resumption.

General Minerals Corp.
By: [illegible]
V-pres.

1323 South Main St. SALT LAKE CITY 15, UTAH Phone HUnter 4-4401

Boyles Bros. DRILLING COMPANY

DIAMOND DRILLING CONTRACTORS ENGINEERS — GEOLOGY

FOR CUSTOMER'S USE ONLY	
REGISTER NO.	VOUCHER NO.
TERMS APPROVED	RATE APPROVED
CALCULATIONS CHECKED	
FOOTAGE CHECKED	
ADJUSTMENTS	
ACCOUNTING DISTRIBUTIONS	
AUDITED	FINAL APPROVAL

INVOICE DATE: 12/30/57
ORDER NUMBER:
INVOICE NUMBER:
CONTRACT: 2-47
TERMS: NET 10 FROM
LOCATION: SUMMITVILLE, COLORADO

[illegible] MINERALS CORP.
BOX [illegible]
GRAND JUNCTION, COLORADO

HOLE NO.	FROM	TO	FOOTAGE	RATE	TOTAL
A-1-3 (-47')	0	116	116	8.00	$ 928.00
STANDBY TIME			1 HR.	7.50	7.50
REAMING AIR	30	116	86	2.25	193.50
REAMING BIT	10	25	15	2.25	33.75
					$1162.75

3[illegible] South Main St. SALT LAKE CITY 15, UTAH Phone HUnter 4-4401

Bovyes Bros. DRILLING COMPANY

DIAMOND DRILLING CONTRACTORS ENGINEERS — GEOLOGY

FOR CUSTOMER'S USE ONLY	
REGISTER NO.	VOUCHER NO
TERMS APPROVED	RATE APPROVED
CALCULATIONS CHECKED	
FOOTAGE CHECKED	
ADJUSTMENTS	
ACCOUNTING DISTRIBUTIONS	
AUDITED	FINAL APPROVAL

INVOICE DATE: 12/31/57
ORDER NUMBER:
INVOICE NUMBER:
CONTRACT: 2-47
TERMS: As per contract
LOCATION: Summitville, Colorado

General Minerals Corp.
Box 446
Grand Junction, Colorado

HOLE NO.	FROM	TO	FOOTAGE	RATE	TOTAL
A-1-4	77	120 nxn casing	43	3.00	129.00
	120	190 casing	70	4.30	301.00
	45	111 reamed & cased	66	2.25	148.50
Delay on air and water freezes lines, etc.			26 hrs.	7.50	195.00
					$773.50

70

1321 So. 95 Main St. SALT LAKE CITY 15, UTAH Phone HUnter 4-4401

Boyles Bros. DRILLING COMPANY

DIAMOND DRILLING CONTRACTORS ENGINEERS — GEOLOGY

FOR CUSTOMER'S USE ONLY	
REGISTER NO.	VOUCHER NO.
TERMS APPROVED	RATE APPROVED
CALCULATIONS CHECKED	
FOOTAGE CHECKED	
ADJUSTMENTS	
ACCOUNTING DISTRIBUTIONS	
AUDITED	FINAL APPROVAL

INVOICE DATE: 12/31/57
ORDER NUMBER:
INVOICE NUMBER:
CONTRACT: 2-47
TERMS: Net 10 prox
LOCATION: Summitville, Colorado

General Minerals Corporation
Box 446
Grand Junction, Colorado

HOLE NO.	FROM	TO	FOOTAGE	RATE	TOTAL
Standby time			100 hrs.	7.50	$750.00

1957 - Completed Exploration - Iowa Level

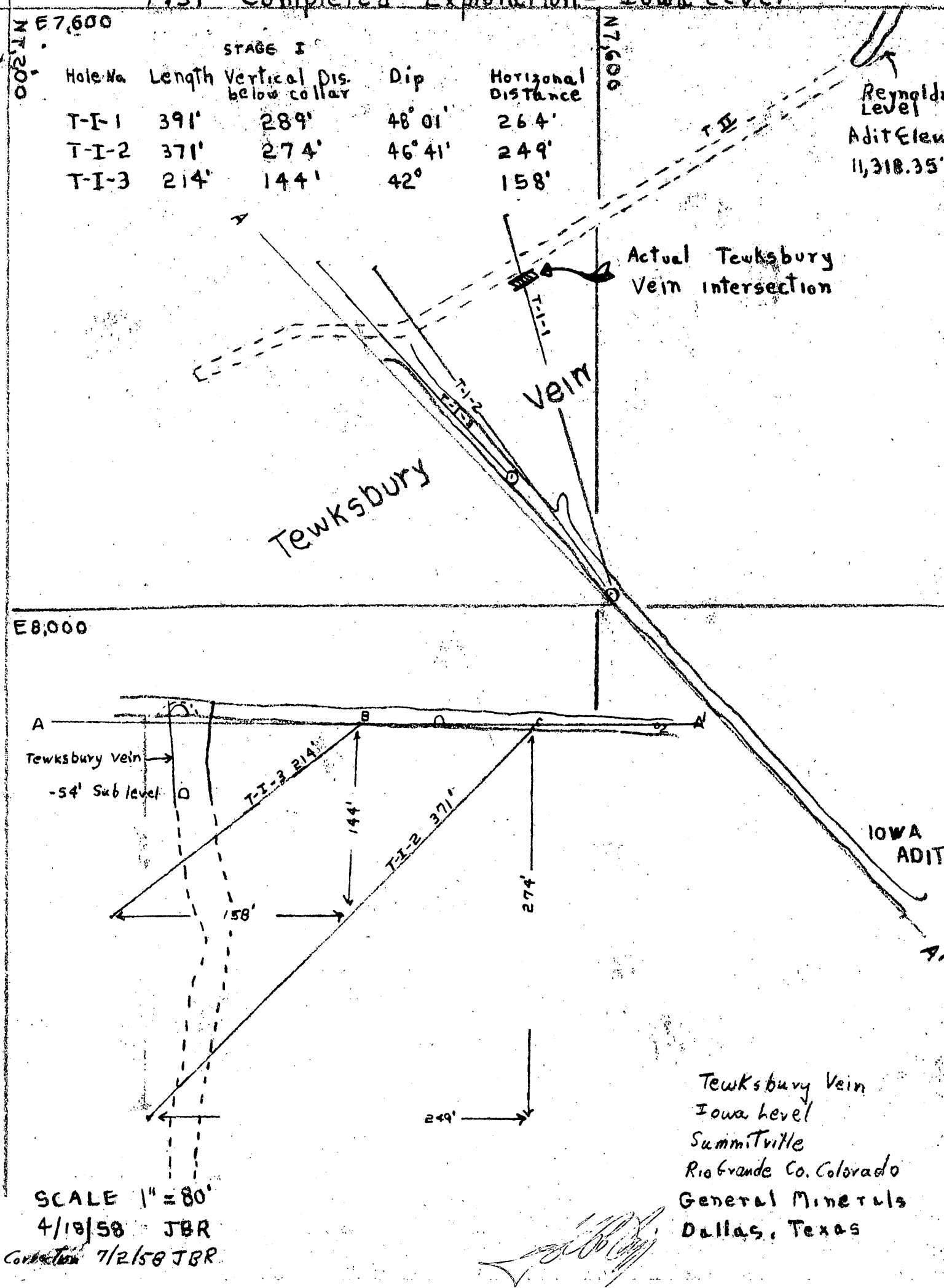
E7,600

N7,200

N7,600

STAGE I

Hole No	Length	Vertical Dis. below collar	Dip	Horizonal Distance
T-I-1	391'	289'	48° 01'	264'
T-I-2	371'	274'	46° 41'	249'
T-I-3	214'	144'	42°	158'



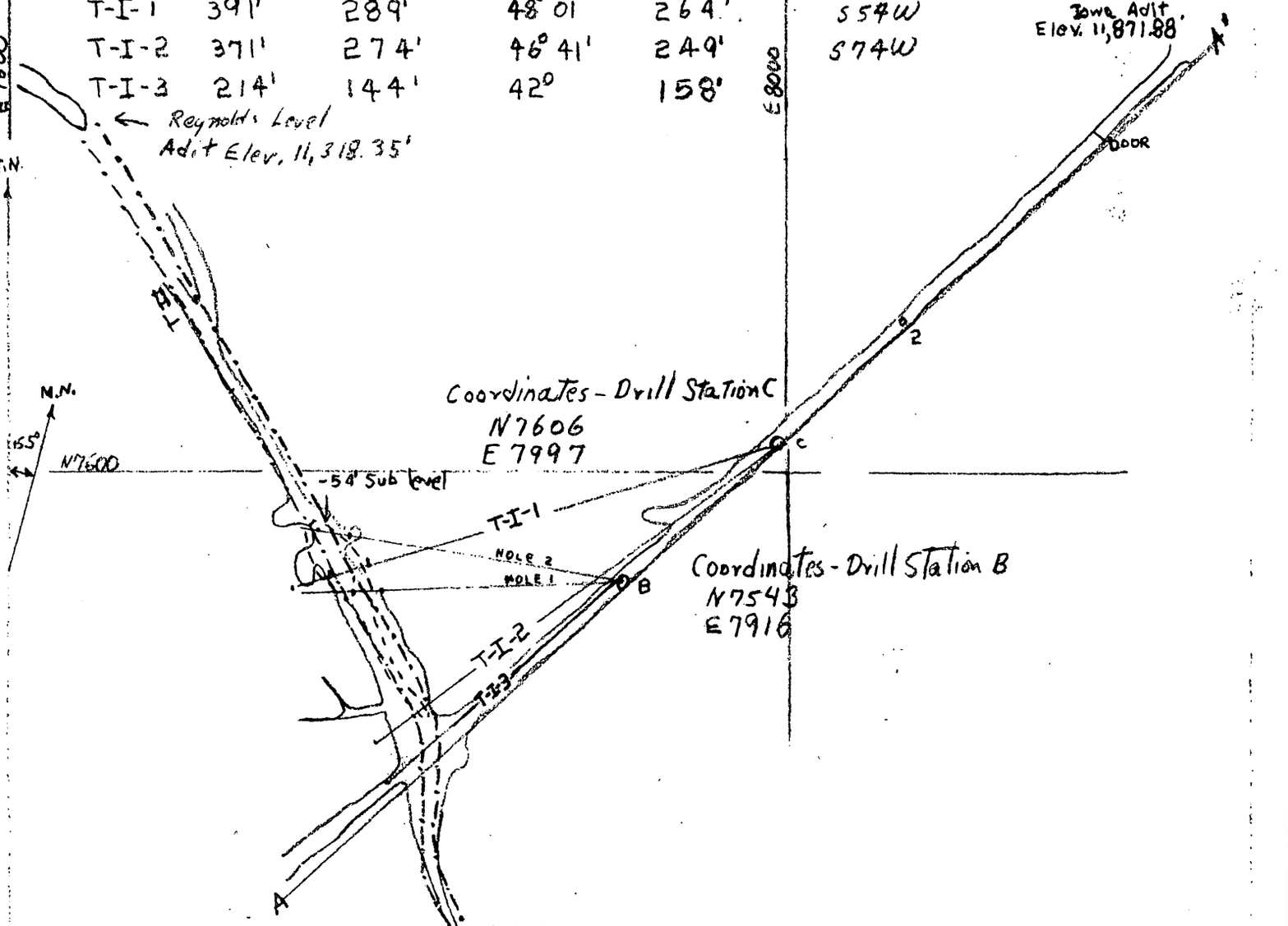
SCALE 1" = 80'
4/18/58 JBR
Correction 7/2/58 JBR

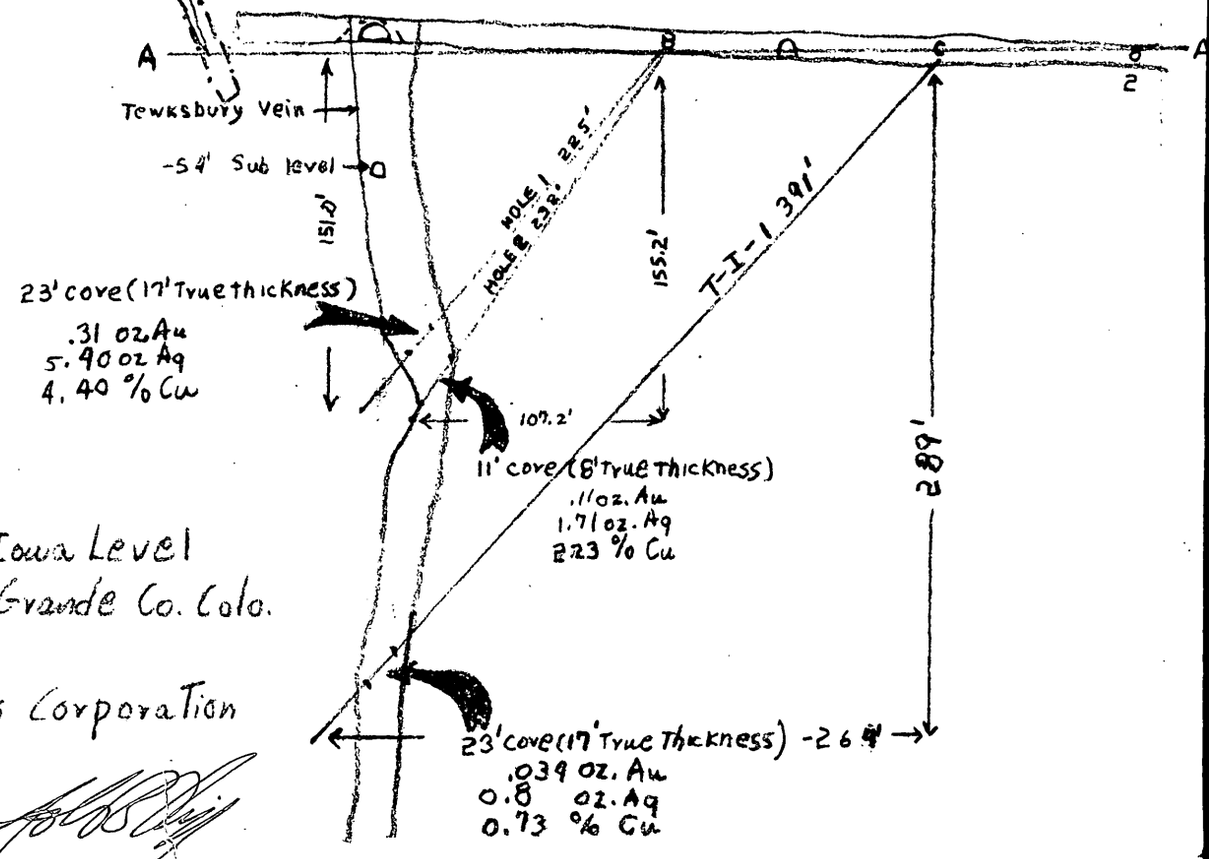
Tewksbury Vein
Iowa Level
Summitville
Rio Grande Co. Colorado
General Minerals
Dallas, Texas

1957 - Completed Exploration - Iowa Level

STAGE I

Hole No	Length	Vertical Dis. below collar	Dip	Horizonal Distance	Bearing
T-I-1	391'	289'	48° 01'	264'	S 54 W
T-I-2	371'	274'	46° 41'	249'	S 74 W
T-I-3	214'	144'	42°	158'	





Tewksbury Vein - Iowa Level
Summitville, Rio Grande Co. Colo.
Scale 1" = 80'
General Minerals Corporation
Dallas, Texas
7/2/58 JBR

GENERAL MINERALS CORPORATION
Meadows Building
Dallas 6, Texas

DMEA
DEPARTMENT OF THE INTERIOR
AUG 12 1958
REGION III
DENVER, COLORADO

July 26, 1958

Mr. John B. Rigg
Denver, Colorado

Dear Mr. Rigg:

By assignment of even date herewith, we have assigned to you the Lease Agreement dated February 1, 1956 between The Reynolds-Morse Corporation, as lessor, and us, as lessee, covering the mining claims upon which is located the mine known as the Summitville Mine, and we have also transferred to you all mining equipment located upon said mine.

Reference is made to the DMEA Exploration Project Contract dated July 15, 1957 between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, and us.

We agree to cooperate with you in attempting to obtain the approval of the United States Government to the transfer of our rights under this contract to you, and to exercise our best efforts to obtain such approval and effectuate such transfer. We agree to execute any and all such transfer applications and other documents as may be required under the DMEA regulations to effectuate such transfer.

It is understood and agreed that we shall retain and be entitled to all monies payable under such contract with respect to any billings previously made by us based on work previously performed by us and you shall be entitled only to such funds as are payable under the contract for work performed hereafter.

If this is in accordance with your understanding of our agreement with respect to the above described contract, please so indicate by executing in the space provided below, and returning one copy of this letter.

Very truly yours,

GENERAL MINERALS CORPORATION

By S. Y. Guthrie III
S. Y. Guthrie, III
Vice-President

ACCEPTED AND AGREED TO
this 26th day of July, 1958

John B. Rigg

REGION III

Building 20
Denver Federal Center
Denver 2, Colorado
July 23, 1958

Memorandum

To: Acting Executive Officer, DMEA Field Team, Region III

From: Edward W. Dunl

Subject: DMEA Contract MG3 (copper) Contract Ike-21107,
General Minerals Corp. (Bonanzville mine)
San Juanita County, Colo. -- Progress report for October
through December 1957

The last inspection of the property was made on December 2, 1957. The property was inspected with Messrs. J. Rigg and R. Valentet, company engineers.

At the time of the inspection, a drill crew was drilling hole AZ-4 on the Chandler level. The hole was down to a depth of 97 feet. Hole AZ-3 was abandoned because of shank rods. On the Chandler level, the operator began a cross-cutting drift near coordinates 10000 and 8000-W. The new drift was 4 feet in length. The core for holes AZ-4, YZ-1, and YZ-2 was contained by F. R. Moore at Grand Junction, Colo. The drill hole information for the core inspection is given in a memorandum of June 25, 1958, to the Field Team.

Processing of the operator's MP-105's was held up pending the receipt of crown sections and drill log data.

The operator in his combined MP-105's for October through December 1957 requests payment for 1,072 feet of measure and 251 feet of core drilling, 1,323 feet of incidental allowance, and 249.5 hours of standby time. The total footage of 1,323 for measure and core drilling represents the total footage of holes YZ-1, YZ-2, YZ-3, AZ-3, and AZ-4 as given in the drill contractor's invoices. Holes AZ-1 and AZ-2 were also completed, but because they were drilled prior to the contract date, the operator has not claimed them as part of the contract work.

Discrepancies between the drill logs, narrative reports, and driller's invoices were noted. For example, the following differences were detected for the drill logs and driller's invoices:

Hole	Drill Logs				Driller's Invoices			
TI-1	90 ft. core +	308 ft. reverse	398 ft.		95 ft. core +	306 ft. reverse	301 ft.	
TI-2	90 ft. core +	300 ft. reverse	390 ft.		92 ft. core +	360 ft. reverse	412 ft.	
TI-3	34 ft. core +	180 ft. reverse	214 ft.		34 ft. core +	180 ft. reverse	214 ft.	
AI-4	171 ft. core +	19 ft. reverse	190 ft.		70 ft. core +	120 ft. reverse	190 ft.	
AI-3	-	116 ft. reverse			-	116 ft. reverse	116 ft.	
	395 ft.	[illegible] ft.	1,[illegible] ft.		[illegible] ft.	1,[illegible] ft.	1,[illegible] ft.	

The operator lists 169.5 hours of standby time of which only 16 hours are allowable under the contract.

Drill log information and recommendations for payment are tabulated as follows:

Hole	Core	Reverse	Total	Recommendations
AI-3	-	116 ft.	116 ft.	No payment for an incomplete hole
AI-4	70 1/	180 1/	190 ft.	All footage is recommended for payment

1/Based on the contractor's invoices which would be more advantageous to cost.

TI-1	90 2/	308 2/	398 ft.	All footage is recommended for payment

2/Based on drill log information which would be more advantageous to cost.

TI-2	92 3/	198 3/4/	390 ft.	No payment for any of the hole. Operator did not core target area (see accompanying core section)

3/Based on the contractor's invoices which would be more advantageous to cost.
4/Less 22 feet from the contractor's total of 412 feet for overdrilling.

TI-3	34 ft.	180 ft.	214 ft.	No payment for an uncompleted hole

A summary of recommended work units for payment is listed as follows:

Item	Amount	Unit/Foot	Total
Reverse	481 ft.	$3.00/ft.	$1,443.00
Core	160 ft.	4.30/ft.	688.00
Incidental allowance	481 ft.	0.69/ft.	331.89
Standby time	16 hrs.	7.50/hr.	120.00
			$2,571.89

The Government's share of $2,571.89 at 50 percent is $1,285.95.

Edward V. Beal
Mining Engineer

EVB/sr cc: 6 IdHo-21107 sheet

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

224 New Customhouse
Denver 2, Colorado
July 7, 1958

RECEIVED
JUL 8 - 1958
Div. of Mineral Technology
BUREAU OF MINES
Denver Experiment Station
Denver, Colorado

Memorandum

To: DMEA/DFC - E. W. Buel

From: Alternate Acting Executive Officer, DMEA Field Team, Region III

Subject: Docket No. DMEA 4643 (Copper-Lead) Contract Idm-E1107, General Minerals Corporation, (Summitville mine) Rio Grande County, Colorado

Enclosed are the original and four copies of a letter from the Operator, dated July 3, 1958, with two attached maps, showing plans and sections through DMEA holes and company drilled holes from the Iowa level to intersect the Tewksbury Vein. A copy of the letter with attached maps is to be attached to each copy of Form MF-104, Operator's Monthly Report and Voucher, for October-November-December, 1957, which was forwarded to you on April 22, 1958. If the information submitted by the Operator is sufficiently complete the voucher can now be processed for payment of the Government's percentage of the acceptable costs.

J. W. Townsend

Enclosures

JDC:hmh

cc: Harshman - w/copy of Operator's letter of 7/3/58 and attached map
Corres.file, Reg. III
Cooper
Chron

8105

RECEIVED
JAN 15 1958
U. of Mineral Technology
BUREAU OF MINES
Ser Experiment Station
Denver, Colorado

224 New Customhouse
Denver 2, Colorado
January 14, 1958

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket No. DMEA 4643 (Copper) Contract Idm-E1107, General Minerals Corporation (Summitville mine) Rio Grande County, Colorado - Progress for November, 1957

Enclosed are two copies of a memorandum, dated January 9, 1957, from Edward W. Buel, Mining Engineer, U. S. Bureau of Mines, concerning progress under the subject contract during November, 1957.

Voucher and Accounting Forms MF-104 and MF-104A were not submitted by the Operator as no drill hole had been satisfactorily completed at the time of inspection.

Project work was suspended December 23, 1957, for the winter months, and an amendment to provide for the recess is in process.

Original signed by
W. H. KING

W. H. King

Enclosures

JDC:hmh

cc: Harshman)
DMEA/DFC) w/copy of E.W.Buel's
Townsend) memo. of 1/9/58
Corres.file,)
Reg.III)

Chron

DMEA
DEPARTMENT OF THE INTERIOR

JAN 10 1958
REGION III
DENVER, COLORADO

REGION III

Building 20
Denver Federal Center
Denver 2, Colorado
January 9, 1958

Memorandum

To: Executive Officer, DMEA Field Team, Region III

From: Edward W. Buel

Subject: DMEA Docket 4643 (Copper) Contract I4n-K1107,
General Minerals Corporation (Summitville mine)
Rio Grande County, Colorado — Progress report for November 1957

A visit was made to the Summitville mine on December 2, 1957. Work progress was checked with Messrs. J. Rigg and R. Valentt.

At the time of the inspection, a drill crew was drilling hole AI-4 on the Chandler level. The hole was down to a depth of 97 feet. Because of rods being stuck in hole AI-3, the operator has temporarily abandoned the hole. On the Chandler level the operator's miners had just begun the run-around drift near coordinates N9900 and E6840. The drift measured roughly 4 feet in length. A good showing of copper mineralization was seen in the drift face. A

Mr. Rigg also said that hole TI-2, drilled from the Iowa adit, was completed to a reported depth of 412 feet. He thinks, however, that this total footage may be erroneously reported. He further stated that until the question of footage for this hole is clarified, he will not request any reimbursement on his MF-104's. No

A telephone call was received on January 3, 1958, from Mr. Jack Rigg, exploration superintendent, informing the examining engineer that unless word was received by January 7, that an inspection of the property would not be possible because of snow blocked roads. No further word was received; therefore, no inspection was attempted during January 1958. B

The operator has informed the DMEA Field Team by letter that because of severe cold the DMEA work is recessed throughout the winter season.

The operator has not submitted any MF-104's for November or December 1957.

Edward W. Buel

Edward W. Buel
Mining Engineer

EWB/mr
cc: 6
I4n-K1107
chron

RECEIVED
1957
Mineral Technology
BUREAU OF MINES
Experiment Station
Denver, Colorado

DMEA
DEPARTMENT OF THE INTERIOR
NOV 13 1957
REGION III
DENVER, COLORADO

REGION III

Memorandum

Building 20
Denver Federal Center
Denver 2, Colorado
November 12, 1957

To: Acting Executive Officer, DMEA Field Team, Region III

From: Edward W. Buel

Subject: DMEA Docket 4643 (Copper), Contract Xm-X 1107, General Minerals Corporation (Summitville mine), Rio Grande County, Colorado--Progress report for October 1957.

An inspection was attempted on the Summitville mine on November 5, 1957, by Messrs. D. H. Richter, U. S. Geological Survey, and J. Papanikolaou, Asst. Director Geological Survey of Greece, and the writer.

The inspecting team got to within an estimated 10 miles of the property before being halted by snow along the road. An attempt was then made to reach the mine by telephone, but this too was unsuccessful because the telephone at the mine was out of order. Additional attempts to contact the operator later in the week also proved unsuccessful.

Edward W. Buel

Edward W. Buel
Mining Engineer

EWB:ms
cc: 6
Xm-X 1107
Green

11/26/57
Copies distributed to:
Chem. Op. Comm. (2)
Harshman
DMEA, DFC
Townsend
NF-104 file, Reg. III
Corres. file, Reg. III

Dma5854
GWB

FINAL DISTRIBUTION
MADE OCT 31 1957

224 New Customhouse
Denver 2, Colorado
October 30, 1957

RECEIVED
NOV 1 - 1957
Div. of Mineral Technology
BUREAU OF MINES
Denver Experiment Station
Denver, Colorado

Memorandum

To: T. A. Christensen

From: Acting Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 4643 (Copper) Contract Idm-E1107
General Minerals Corporation (Summitville mine)
Rio Grande County, Colorado - Operator's Monthly
Progress Report for the period August 15-September 30,
1957

Enclosed are the original and four copies each of Forms MF-104 and MF-104A, Operator's Narrative Report, and Engineer's Report for the above period.

We consider that the Operator has complied with the intent of the contract, and the work for which payment is recommended is acceptable to the Government. All the work for the period was performed at "Fixed Unit Costs" under the contract, therefore documentation of costs is not required. We recommend that payment be made to the Operator for 50% of the amount reported on Form MF-104, subject to verification of applicable rates and arithmetical accuracy within the report.

Remarks:

Date of Report----------October 21, 1957
Date Received in Field Office---------October 23, 1957
Date Received in Region Office--------October 25, 1957

Original signed by
E. N. HARSHMAN

E. N. Harshman

Enclosures

MHM:hmh
cc: Chmn. Op. Comm. (2))
DMEA, DFC) w/complete report
MF-104 file, Reg. III)
Harshman - w/copy of Engr's report
Chron

REGION III

Building 20
Denver Federal Center
Denver 2, Colorado
October 24, 1957

Memorandum

To: Acting Executive Officer, DMEA Field Team, Region III

From: Edward W. Buel

Subject: DMEA Docket 4643 (Copper) Contract Idm-E1107, General Minerals Corporation (Summitville mine) Rio Grande County, Colorado -- Initial progress report for August - September 1957

An inspection of the DMEA work progress was made by the examining engineer on October 9, 1957, in company with Jack Rigg, drill foreman.

The work on the Chandler and Iowa levels was inspected. The operator has completed a considerable amount of rehabilitation in the Iowa, Chandler, and Reynolds levels. This completed rehabilitation, however, is not included under the contract. The operator completed two holes from the Chandler level. The holes A1-1 and A1-2 were completed before the effective date of the contract. The operator will stand the costs of these two holes.

The operator's narrative report is correct as seen from the recent inspection. The operator requests reimbursement for 1 diamond drill station at a cost of $100.00. The drill station claimed was verified.

It is recommended that the operator be reimbursed for $100.00 of which the Government's share at 50 percent is $50.00.

Edward W. Buel

Edward W. Buel
Mining Engineer

DMEA
DEPARTMENT OF THE INTERIOR
OCT 25 1957
REGION III
DENVER, COLORADO

EWB/mr
cc: 6
Idm-E1107
chron

(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. Jeb-21107 in accordance with the terms of the contract.

Signature Edward W. Buel #50 Title Mining Engr. Date 10/24/57

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature R. M. Hardiman Title Acting Executive Officer Date OCT 30 1957

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-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R

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

Month of September, 1957 Docket No. DMEA 4643 Contract No. Idm-#E1107
Operator's Name General Minerals Corporation Minerals Copper Lead
Address 440 Meadows Bldg., Dallas, Texas
Contract Amount, $149,380.00 Government Participation: 50 % Amount, $74,690.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent / Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
Drill Station	100.00	-0-	100.00			
(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	100.00	-0-	100.00	100.00	—	100.00

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

Date 10/21/57 *Payee General Minerals Corporation

Per J. G. Barnett Title Asst. Sec-Treas.

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

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

(Instructions on reverse)

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

$ 50.00

Signature RRO
(Authorized Certifying Officer)

Date 10/31/57 Vou. No. DMA-58-54
(See other side)

Form MF-104A
(April 1962)

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 September 1957 Docket No. DMEA 4643 Contract No. Idm-E1107
Operator's Name General Minerals Corporation Minerals Copper-Lead
Address 440 Meadows Building, Dallas, Texas

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								
Trenching								
Test Pits								
Roads and Trails								
Drill Station	1	100.00	1	100.00	1	100.00		
TOTAL DISTRIBUTED COSTS		100.00	1	100.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								

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

Date 10/21/57 Operator General Minerals Corp.

Per J. A. Barnett Title Asst. Sec-Treas.

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)

Edward W. Buel

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

Docket No. DMEA-4643, Contract Idm-E-1107
Supplement to Form MF-104A
For Period August 15, 1957 - September 30, 1957

Item	Operation	Unit	Costs this period	Units this period	Costs to Date	Units to Date	Unit Costs to Date
				State I			
1.	Drilling - Non Core	ft.					
	Drilling - Core	ft.					
	Stand-by Time	hrs.					
	Incidental Allow.	ea.					
	Drill Stations	ea.	100.00	1	100.00	1	100.00
	Samples & Assays	ea.					
	Core Boxes	ea.					
	Sample Sacks	ea.					
	Totals		100.00		100.00		100.00

DMEA
DEPARTMENT OF THE INTERIOR
OCT 22 1957
REGION III
DENVER, COLORADO

REPORT ON OPERATIONS AT SUMMITVILLE MINE

(This report covers the Summer of 1957. It is divided into two parts: - May 15 - Aug. 15, and Aug. 15 - Sept. 30. The latter period covers the initial operations while under the DMEA contract)

A. May 15 - August 15

Reynolds Level

Rehabilitation work on the Reynolds level was completed as far as planned by May 31. This included cleaning out the Tewksbury drift to a point 33 ft. southeast of Station #517, and installation of air line and track in the drift. At the point where work stopped there is a cave, believed to be of limited extent but requiring spiling. This is about 60 ft. from the end of the drift, according to available maps.

The Hidden Vein drift has been rehabilitated to a point 20 ft. northwest of the Jones raise. The drift is filled with muck at this point but the end is believed to be about 30 ft. further on. The Jones raise was entered and new ladders installed. It was in good condition to the top, 118 ft. above track level. Track and air pipe were installed to the end of this drift.

No rehabilitation was attempted on the old crosscut, 1340 ft. long, leading northwest from Station #511 to the Annie vein, because this is caved, and it is believed access to the Annie Vein could be accomplished better and cheaper with a new drift along the Copper Vein structure.

Chandler Level

Rehabilitation of the Chandler east drift had progressed to a point 60 ft. east of Station #114, where the drift is caved. There are no maps showing what lies beyond this cave, and it is not planned to push the work any further in this direction.

Thirty feet south of Station #114 at N9900, E5844, work was proceeding as of August 15, 1957, on clean up of a cave and timbering in an effort to get to Station #116, where it was planned to put drill station #3, Annie Vein.

Drill Stations #1 and #2 had been prepared; station #2 was placed at about N9930, E4825 instead of N9930, E5860 as originally planned, in order to take advantage of more favorable ground.

Drill holes # AI-1 and #AI-2 were completed. Hole #AI-1 was started May 31 and completed July 15. Hole #AI-2 was started July 17 and completed August 10. Considerable time was lost on hole AI-1 due to a breakdown of the drill, other mechanical difficulties, and inexperience of the drillers; however, difficult ground was encountered in both holes requiring reaming and casing.

Logs of both of these holes are appended. Hole #AI-1 bottomed at 217 ft. The Annie Vein was penetrated between 161 ft. and 170 ft., however, only 6 ft. of core was recovered from this run and it is possible that the lost material represented ore because the soft, porous nature of the typical ore compared to the hard, siliceous wall rock results in the ore being preferentially ground up when there is core loss from this cause. One foot of the best core from the middle of this section was assayed and ran .015 oz. Au, .4 oz. Ag, and 1.15 Cu.

Hole #AI-2 bottomed at 222.7 ft. The Annie Vein was intersected at 151 - 165 ft., and a further vein, not previously known, was intersected at 192 - 196 ft. Assay results of these two veins are as follows:

	Sample No.	W. H. Smith - Leadville Au oz.	Ag oz.	Cu %	Root & Norton - Durango Au oz.	Ag oz.	Cu %
151' - 152'	1031	.15	2.0	7.0	.18	1.8	7.3
152' - 153'	1032	.29	4.6	11.9	.43	3.2	14.7
153' - 154'	1033	.46	9.1	14.3	.45	8.4	17.1
154' - 155'	1034	.17	3.4	7.3	.15	2.6	8.3
155' - 156'	1035	.02	.5	1.4	.025	.5	1.2
156' - 157'	1036	.02	.3	1.0	.015	.2	.9
157' - 159'	1037	.02	.4	1.3	.015	.3	1.6
159' - 161'	1038	.025	.6	1.0	.02	.4	.9
161' - 163'	1039	.02	.6	3.4			
163' - 165'	1040	.015	.4	2.1			
Weighted Average 151' - 165'		.02	1.7	4.2	Weighted Average 151'-161'	.12 2.1	2.45
192' - 193'	1041	.19	3.7	20.4			
193' - 194'	1042	.06	2.0	5.4			
194' - 195'	1043	.04	1.6	6.5			
Weighted Average 192' @ 195'		.02	2.4	10.6			

In addition to the ore found in drill hole #AI-2, an ore-bearing vein was also found in the back and west side of the Chandler drift. This vein consisted of chalcocite and covellite ore, and was sampled at eleven spots by channel samples and long-holes drilled into the wall. The interval sampled extended from N9963, E8784 to N9988, E8836. This sampling indicated an average width of ore of 6.3'+, averaging .14 oz Au, .6 oz Ag, and 5.8% Cu. The vein continued at both extremities and was exposed for 23 ft. along the drift.

B. August 15 - September 30

Reynolds Level

No new work was done on the Reynolds level after May 31. However, the ditch along the main drift became filled with sand during the heavy spring run-off, and some fine muck and sand was washed out of one of the chutes of the Thornton raise, partly filling the Hidden Vein drift to a maximum depth of 2½ ft. Work at cleaning the ditch to keep the acid mine water from the rails was started.

Chandler Level

The cave 30 ft. south of Station #114 proved much worse than anticipated. After making little progress for several weeks and using about $600 worth of timber to crib up the back, work in this area was abandoned as being too difficult, dangerous, and expensive. Accordingly it was decided to try to reach the site for drill station #3 through the old Annie Vein drift. A crosscut was started just south of the Ida shaft at N9170, E6765, trending S35W, to connect with the Annie drift. This crosscut had been driven 25 ft. as of September 30.

Drill hole #AI-3 was started and drilled to a depth of 130 ft., at which point the rods and casing became stuck and no water could be circulated. Fishing operations were going on during the latter part of September.

The vein encountered in the Chandler drift was further intersected in the new crosscut being driven over to the old Annie Vein drift, at N9330, E6760. At this point it was about 10 ft. wide. It is apparent that this is the same vein sampled in 1899 by Ewing and Smith on the Chandler level in the crosscut to the Ida shaft. Their sample gave 30 ft. of .10 oz Au, .75 oz Ag, and 5% Cu. This means that this vein has a length of at least 125 ft. and is open at both ends.

Iona Level

A drill station was prepared on the Iona level at N7610, E7990. On the old drill station, at N7540, E7912 a hole was drilled (II-3, not approved for the BMA contract) to a depth of 214 ft. This hole was started September 19 and completed September 26, by Bayles Bros. Drilling Co. This hole did not intersect the vein which had been cut 100 ft. to the north by our own drilling in October, 1956. Failure of intersection was due to any of several possible causes: 1) The vein may pinch out at the south end, although it was strong for at least 100 ft. further south on the Iona level; 2) The orebodies may pitch steeply to the northeast; 3) The strike of the vein may veer to the West, resulting in non-intersection; or 4) The drill hole may have gone through an unmineralized "horse" of waste in the vein. Such "horses" are common in the Summitville veins.

October 15, 1957

Richard V. Gaines
Richard V. Gaines

RVGwr

GENERAL MINERALS CORPORATION
MEADOWS BLDG. - DALLAS, TEXAS

DRILL HOLE LOG

Date July 23, 1957

Drill Hole AI-#1 Claim Summitville, Chandler Level County Rio Grande State Colorado

Total Depth 217 Date Started 5/21/57 Date Finished 7/15/57 Date Probed

Coordinates [illegible] Ft. of core [illegible]

FROM	TO	ROCK	COLOR	~~SOFT~~	MINERALIZATION	REMARKS
0	18		G	2	D Py	La, H, Si
18	21		L G	2.5	—	La, S, Si
21	29		L G	4	—	La, A, Cl, S
29	31		L G	2	—	La, A, Cl, S
31	38		B G	7	—	La, A, Cl, S, sandy
38	79		L G	31	D F.C. Py	La, A, S, Vg
79	80		G	1	D Py	La, A, H
80	85		—	0	—	—
85	87		B	2	—	Cl, sandy
87	96		L G	8	D Py	La, A, V S, ~~Sa~~
96	102		L G	4	D Py	La, A, V S, ~~Sa~~ Cl
102	107		G	4	M D Py, Tr Cc?	La, Si, Sa, Vg
107	114		G	7	D Py	Br, Si, H, Dk F. in L Mx
114	116		Dk G	2	M D Py	Br, Si, H, F.G.
116	135		Dk G	19	D Py	Br,Si,H,F.G. L F in Dk Mx
135	151		G	16	D Py	Br,Si,H, large L F in Dk Mx
151	161		G	10	D Py	Br,Si,H. Crushed & cemented
161	170		G to Dk G	6	D Py, Sa.V, Tr Bn, Al in vugs, also H W Cl Min	Br, Si, H, Vg. This section should be Annie vein. 1' of core ran .015 Au, .4 Ag, 1.1% Cu
170	173		L D G	3	D Py, Tr V.F.G.En?	La, Si, A, H
173	177		G	4	D Py	Br, Si, H, F. G.
177	182		Mottled G	5	M D Py	Br, Si, H, Course, Porous 5' of core ran .015 Au, .3 Ag, .5% Cu
182	199		G	17	D Py, Sa F.G. Cv,Su, Al, H W Cl Min in vugs	Br, Si, H, locally Vg
199	217			17	D Py, Tr Cc?, Su	Br, Si, H, less Vg
				173.5		

Logged By R.V. Gainer

DRILL RIG NO.

Hours Drilling....

Hours Moving....

Hours Repair....

Hours Delay....

TOTAL HOURS

BIT NO.

Driller Helper

Legend: ~~Remarks~~

A - altered
Al - alunite
B - brown
Br - breccia
Cc - chalcocite
Cl - clay
Cv - covellite
D - disseminated
Dk - dark
En - enargite
F - fragments
FG - fine grained
G - Grey
H - hard
L - light
La - latite
M - much
Min - mineral
Mx - matrix
Py - pyrite
S - soft
Si - silicified
Sa - some
Su - sulfur
Tr - trace
V - very
W - white
Vg - vuggy

Signed

GENERAL MINERALS CORPORATION
MEADOWS BLDG. - DALLAS, TEXAS

DRILL HOLE LOG

Date July 24, 1957

Quaitville - Chandler level

Drill Hole AI - 2 Claim _____ County Rio Grande State Colorado

Total Depth 222.7 Date Started 7/17/57 Date Finished _____ Date Probed _____

Coordinates N10095 E6703 Test of core Direction S15-04W Dip 52°30'

FROM	TO	ROCK	COLOR	[illegible]	MINERALIZATION	REMARKS
0	4	4	L G	3	Tr D Py	La Sl Lea H
4	5	I	G	1	D Py	La Sl H
5	9	4	G	2.0	D Bv, D Py	La Sl Lea H
9	15		G	6	Sm Cv, D Py	La Sl H
15	24		L G	6	Sm Cv, D Py	Tr Sl
24	28		G	3	D Py	Tr Sl H
28	36		L G	6	Sm Cv, D Py	Tr A S
36	47		L G	6	D Py	Tr A S Cl
47	60		G	9	D Py	La A S Cl
60	63		Dk G	2	D Py	A VS Cl
63	90		G	6	D Py	La A VS Cl
90	116		G	17	Sm D Py	La A VS Cl
118	121		Dk G	3	D Py	La Sl Lea H
121	122.5		G	1.5	D Py	La Sl Lea H Vg
122.5	128		G	4.5	Sm D Py	La Sl H
128	135	G	Sl	5	D Py Bn Cv Co	La Sl H Dk Vg (Dr?)
135	145	Dk G		10	M Py Bn Cv Co	La Sl H Dk
145	169	Sl-Dk-G		24	VM D Py Bn Cv Co	Dv Sl H Rg V Vg(Armio Vein?)
169	181	G		8	S D Py	La Al Sl Lea N S
181	185	L G		4	D Py	La Al Sl Le K
185	192	G		7	M Py A	La Al Sl Vg H L
192	196	Sl Dk G		4	Py Au Cv Ag	Tr Sl H
196	202	G		5	M Py A	La Al H
202	222.7	L G		6	Sm Py A D	La A H Vg

Logged By R. V. Gaines

Driller _____ Helper _____

DRILL RIG NO. _____

Hours Drilling	
Hours Moving	
Hours Repair	
Hours Delay	
TOTAL HOURS	

BIT NO. _____

Legend:

A - altered
Al - alunite
B - brown
Br - breccia
Co - chalcocite
Cl - clay
Cv - covellite
D - disseminated
Dk - dark
En - enargite
F - fragments
FG - fine grained
G - gray
H - hard
L - light
La - latite
M - much
Min - mineral
Mx - matrix
Py - pyrite
S - soft
Si - silicified
Sm - some
Su - sulfur
Tr - trace
V - very
Vg - vuggy
W - white

Signed _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

224 New Customhouse
Denver 2, Colorado

October 22, 1957

RECEIVED
OCT 23 1957
Div. of Mineral Technology
BUREAU OF MINES
Denver Experiment Station
Denver, Colorado

Memorandum

To: Defense Minerals Exploration Administration
Denver Federal Center - Attn: E. W. Buel

From: Acting Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-4643 (Copper-Lead) Contract Idm-E1107
General Minerals Corporation (Summitville mine)
Rio Grande County, Colorado

Enclosed are the original and four copies of Forms MF-104, Operator's Monthly Report and Voucher, and Form MF-104A, Operator's Unit Cost and Progress Report, with supporting data, for the period August 15 to September 30, 1957.

Please check the reported progress and costs for the period, and if the Operator's report is in order, return all copies to this office accompanied by your memorandum report of inspection, including recommendations relative to reimbursement to the Operator. Blank Forms MF-104 and MF-104A have been forwarded to the Operator for use in the next monthly report.

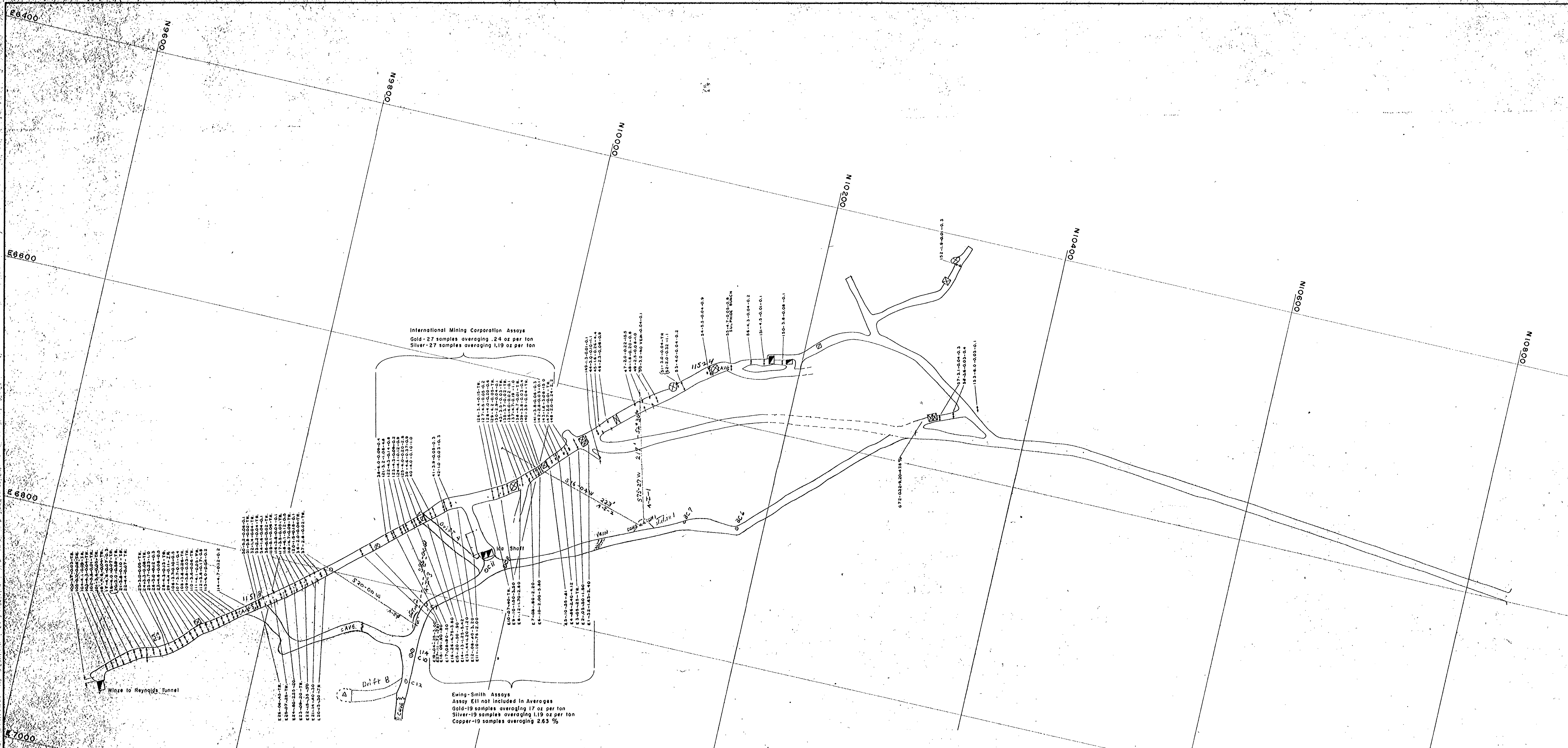
E. N. Harshman

E. N. Harshman

Enclosures

JDC:hmh

cc: Corres.file, Reg.III
Chron



Exploration Completion - 1957

Drilling	Total Depth	DMEA	Values
A-I-1	217.0'	No	minor
A-I-2	223.0'	No	153'-157' - 4' av. 0.163 oz. Au, 3.33 oz. Ag, 7.15% Cu. plus 193'-196' 3' av. 0.09 oz. Au, 2.4 oz. Ag, 10.8% Cu.
A-I-3	Abandoned 116'	—	—
A-I-4	190.0'	Yes	116-120' - 4' av. 0.03 oz. Au, 1.025 oz. Ag, 3.07% Cu.

Drifting	Length	DMEA	Values
Drift A	72.0'	No	4 cor. grab 0.37 oz. Au, 2.9 oz. Ag, 0.7% Pb, 11.3% Cu
Drift B	Incomplete at 42'	Yes	nil

Drill Station	Location	DMEA	Values
Station 1		No	nil
Station 2		Yes	4 cor. grabs Av. 0.155 oz Au 1.25 oz. Ag 14.3% Cu

Area Open - Annie Vein
From point 11518 to point 11524 436'

Copper Oreshoot - Chandler Level - Long hole exploration - no DMEA
OC-9 to OC-11 - 63' length Av. width 5.7' 0.14 oz. Au, 0.60 oz. Ag, 5.9% Cu.

2/17/58 JRB

SUMMITVILLE, RIO GRANDE CO., COLORADO

CHANDLER TUNNEL LEVEL

SCALE 1 INCH = 40 FEET

Mine Workings - George H. Garrey - 1930
Assays - Ewing-Smith - 1899
International Mining Corp. - 1931
George H. Garrey - 1930

LEGEND

Ewing-Smith assays has a prefix of E
E11-.10-.75-2.00
No.-Au.-Ag.-Cu.

International assays with no prefix
41- 3.9 -.05 -0.3
No.-Width-Au.-Ag.

Garrey, George H. assay has a prefix of G
G72-.32 -9.20-47.8%
No. -Au.-Ag.-Cu.

GENERAL MINERALS CORPORATION

Drafted by W.P. Burger Dec. 1956