U. S. v. Robert Friedland

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File Location: Spokane, Washington

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
1960315	(MEM)	J.W. Townsend, Executive Officer, OME Field Team (DOI)	J.W. Hasler, T.M. Romslo (DOI)	none	Y	Y (statute, CBI)	5	memos + maps	CBI, statute	
19600303	(MEM)	J.W. Townsend, Executive Officer, OME Field Team (DOI)	J.W. Hasler, T.M. Romslo (DOI)	none	Y	Y (statute, CBI)	5	memos + maps	CBI, statute	
19600112	(MEM)	J.W. Hasler and T.M. Romslo (DOI)	JW. Townsend, Executive Officer, OME Field Team (DOI)	7; chron	N		1	memo describing exploration findings	CBI, statute	
19591210	(LTR)	John B. Rigg	J.W. Townsend, Executive Office, OME Field Team (DOI)	none	N		2	request for contract extension, description of findings	CBI, statute	
19591209	Evaualtion of Completed Exploration, Summitville Mine (RPT)	Charles E. Melbye, Charles E. Melbye and Assoc.	not specified	none	Y (6 maps)	statute, CBI	10	report and supporting maps	CBI, statute	
19590516	(LTR)	John B. Rigg	J.W. Townsend, Executive Officer, OME Field Team (DOI)	none	N		1	explains location of exploration problems	CBI, statute	

U. S. v. Robert Friedland

Privilege Log BOMSPOK 0008-- Page 2 of 4

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
19581110	(LTR)	John B. Rigg	J.W. Townsend, Alternative Acting Executive Office, DMEA (DOI)	none	N		3	request for contract extension, description of findings	CBI, statute	
19580922	(LTR)	E.N. Harshman (DOI)	John B. Rigg	OME Washington; Harsman, Buel OME/DFC; Corres. file; Amendment file; Cooper; Chron	N		1	description of drilling	CBI, statute	
19580914	(LTR)	John B. Rigg	J.W. Townsend, DMEA Field Team (DOI)	none	Y (map)	Y (statute, CBI)	2	description of location of proposed drilling	CBI, statute	
19580910	(LTR)	E.N. Harshman, Acting Executive Office, DMEA Field Team (DOI)	S.Y. Guthrie III, Vice President, General Minerals Corp.	Chmn. Op. Comm.; Buel, DMEA/DFC; Harshman; Corres. fiel, Reg. III; Cooper; Chron	N		2	description of work, contract applicability	CBI, statute	
19580822	(LTR)	John B. Rigg	J.W. Townsend, Alternate Acting Executive Officer, DMEA (DOI)	none	N		1	description of location of work	CBI, statute	note on document that copies distributed to Harshman; Buel; Corres; Cooper
19580626	(MEM)	H.F. Robertson, Mining Engineer	Acting Executive Officer, DMEA Field Team (DOI)	none	N		4	description of geologic logs from certain holes	CBI, statute	note on document that copies distributed to Harsman; DMEA/OFC; Corres file

U. S. v. Robert Friedland

Privilege Log BOMSPOK 0008-- Page 3 of 4

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
19580502	(MEM)	H.F. Robertson, Mining Engineer (DOI)	Acting Executive Officer, DMEA Field Team (DOI)	none	N		2	descrption of core recovered from certain holes	CBI, statute	
19580508	(LTR)	E.N. Harshamn, Acting Executive Officer, DMEA Field Team (DOI)	John B. Rigg, Exploration Superintendent, General Minerals Corp.	Chmn. Op. Comm.; Harshamn; Hasler; DME/DFC; DMEA/G.Jct.; Townsend; Corres. file, Reg. III; Chron	N		2	description of proposed drilling	CBI, statute	
19580429	(MEM)	D.H. Richter, E.W. Buel; through E.N. Harshman(DOI)	Acting Executive Officer, DMEA Field Team (DOI)	none	Y (map)	Y (statute, CBI)	3	description of proposed drilling	CBI, statute	
19580318	(MEM)	W.H. King, Executive Office, DMEA Field Team (DOI)	E.N. Harshman, DMEA/DFC (Buel) (DOI)	Chmn.Op.Comm; Corres. file; Townsend; Chron.	Y (1 page report)	Y (statute, CBI)	2	report and description of assay report	CBI, statute	
19571106	(LTR)	George C. Selfridge, Chairman, Operating Committee, DMEA (DOI)	E.N. Harshman, Acting Executive Officer, DMEA Field Team (DOI)	none	N		2	description of location of potential discovery	CBI, statute	
19571021	(MEM)	E.N. Harshman, Acting Executive Officer, DMEA Field Team (DOI)	Chairman, Operating Committee, DMEA (DOI)	Harshman; DMEA/DFC-Buel; Corres. file; Townsend; Chron	N		1	description of contract amendment, proposed exploration	CBI, statute	
19571016	(MEM)	Donald H. Richter; Edward W. Buel through E.N. Harshman (DOI)	Acting Executive Officer, DMEA Field Team (DOI)	none	N		3	description of contract amendment, proposed exploration	CBI, statute	two copies of same memo

U. S. v. Robert Friedland

Privilege Log BOMSPOK 0008-- Page 4 of 4

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
19571008	(LTR)	Richard V. Gaines, Manager, Western Operators, General Minerals Corp.	J.W. Townsend, Alternate Acting Executive Field Office, DMEA Field Team (DOI)	none	N		1	description of proposed exploration	CBI, statute	
19571010	(LTR)	Richard V. Gaines, Manager, Western Operations, General Minerals Corporation	E.N. Harshman, Acting Executive Officer, DMEA Field Team (DOI)	none	Y (map)	Y (statute, CBI)	2	descripton of work, map	CBI, statute	

0008

SME/DFL

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
Building 20 - Federal Center
Denver 25, Colorado

March 15, 1960

Memorandum

TO: Messrs. J. W. Hasler, and T. M. Romslo

From: Executive Officer, OME Field Team, Region III

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

Enclosed is a copy of the Operator's letter of March 9, 1960 with three (3) maps attached, which constitutes a revision of his request dated February 29, 1960 for approval of change of location of Drill Hole TI-2.

The original letter was forwarded by my memorandum of March 3, 1960.

J. W. Townsend

Enclosure

JOHN B. RIGG
1500 EAST 7TH AVENUE
DENVER 18, COLORADO

March 9, 1960

Mr. J.W. Townsend, Executive Officer, O.M.E.
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 11107
John B. Rigg, Assignee
(Summitville Mine)
Rio Grande County, Colorado

Dear Mister Townsend:

Please refer to my letter and maps of February 29, 1960 concerning diamond drill Hole TI-2, Tewksbury Vein, Stagel.

The maps attached to this letter show the correct location, dip and length of TI-2. The former maps, which I ask you to disregard, include an error in computation on my part.

TI-2, proposed, is properly located on the vertical map (looking S56°W) at a point 20' South of and 41' above the former TI-2 intersection of the Tewksbury Vein. This intersection affords excellent opportunity to test for the possible ore rake. The correct changes include:

Direction		Inclination		Total Depth	
Original	Requested	Original	Requested	Original	Requested
S54°W	S48°W	-47°	-42°	371'	406'

The drill station location of coordinates N7306 E7997 remain the same.

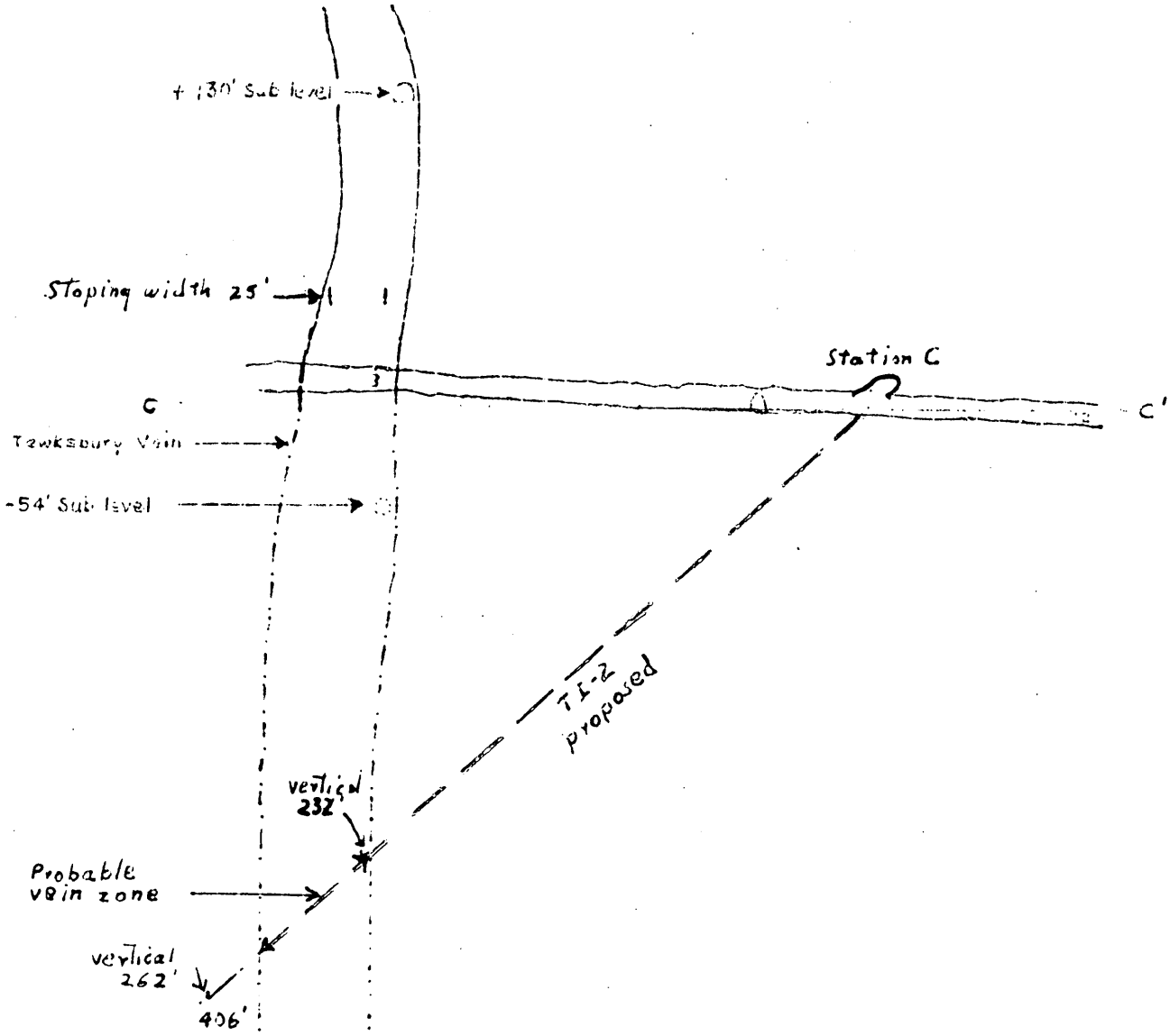
Your consideration of this request is gratefully acknowledged.

Very truly yours,

John B. Rigg

COPY

OME
DEPARTMENT OF THE INTERIOR
MAR 15 1960
REGION III
DENVER, COLORADO



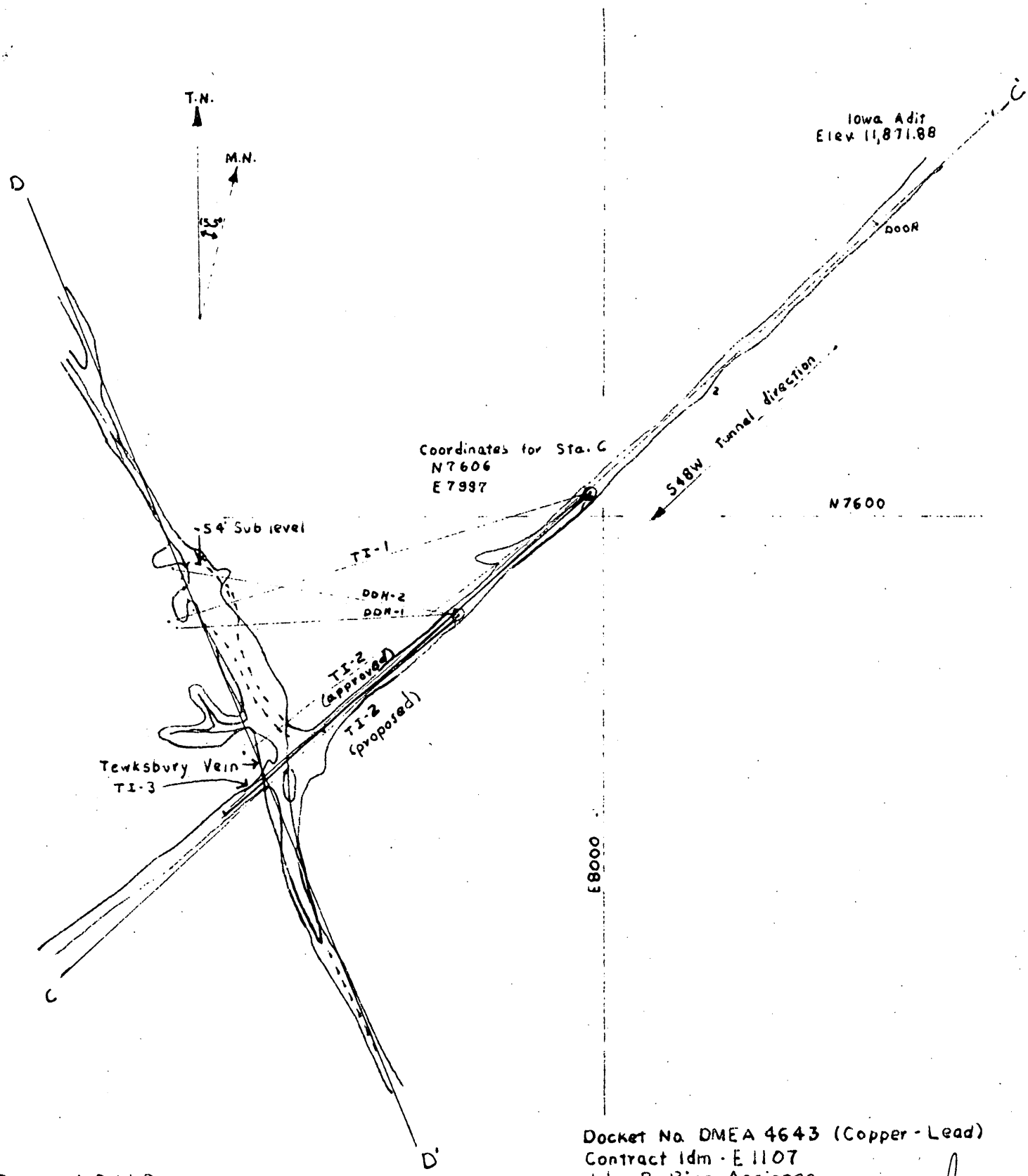
Proposed Drill Program

Hole No.	Coordinate	Dip	Length	Vertical Depth Below Collar	Direction
TI-2	N7606 E7997	-42°	406'	232'-262'	S48°W

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

CROSS SECTION
IOWA TUNNEL LEVEL
TEWKSBURY VEIN
Scale 1" = 80'
3/4/60 J.B.R.

OME
DEPARTMENT OF THE INTERIOR
MAR 15 1960
REGION III
DENVER, COLORADO



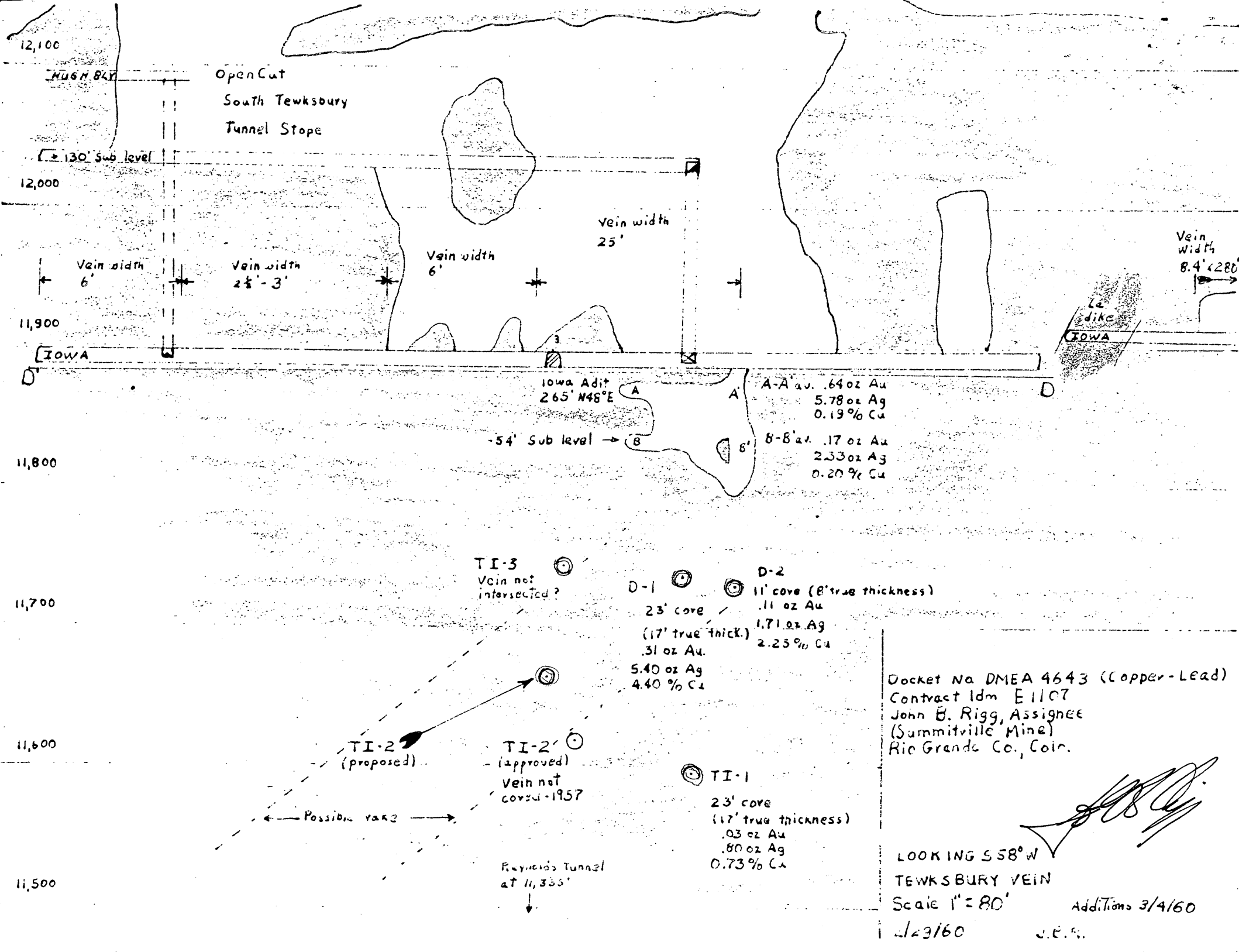
Proposed Drill Program

Hole No.	Coordinate	Dip	Length	Vertical Depth Below Collar	Direction
TI-2	N7606 E7997	-42°	406'	232'-262'	S48°W

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

IOWA TUNNEL LEVEL
TEWKSBURY VEIN
Scale 1" = 80'
Addition 3/4/60
2/29/60 J.B.R.

OME
DEPARTMENT OF THE INTERIOR
MAR 1 5 1960
REGION III
DENVER, COLORADO


12,100
HUGH BAY
Open Cut
South Tewksbury
Tunnel Stope
130' Sub level
12,000
Vein width
25'
Vein width
6'
Vein width
2½'-3'
Vein width
6'
Vein
width
8.4' (280'
Le
dike
11,900
IOWA
IOWA
Iowa Adit
265' N48°E
A
A'
D
A-A' av. .64 oz Au
5.78 oz Ag
0.19 % Cu
-54' Sub level
B
B'
B-B' av. .17 oz Au
2.33 oz Ag
0.20 % Cu
11,800
TI-3
Vein not
intersected?
D-1
23' core
(17' true thick.)
.31 oz Au.
5.40 oz Ag
4.40 % Cu
D-2
11' core (8' true thickness)
.11 oz Au
1.71 oz Ag
2.25 % Cu
11,700
11,600
TI-2
(proposed)
TI-2'
(approved)
Vein not
cored-1957
TI-1
23' core
(17' true thickness)
.03 oz Au
.80 oz Ag
0.73 % Cu
Possible rake
Reynolds Tunnel
at 11,335'
11,500
Docket No DMEA 4643 (Copper-Lead)
Contract Idm E 1107
John B. Rigg, Assignee
(Summitville Mine)
Rio Grande Co., Colo.
LOOKING S 58° W
TEWKSBURY VEIN
Scale 1" = 80'
Additions 3/4/60
2/23/60
J.E.K.

OME
DEPARTMENT OF THE INTERIOR
MAR 15 1990
REGION III
DENVER, COLORADO

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
Building 20 - Federal Center
Denver 25, Colorado

March 3, 1960

Memorandum

TO: Messrs. J. W. Hasler and T. M. Romslo

From: Executive Officer, OME Field Team, Region III

Subject: Docket No. DMEA-4643 (Copper-Lead), contract No. Idm-E1107, John B. Rigg (Assignee), (Summitville mine) RioGrande County, Colorado

Enclosed is a copy of the operator's letter of February 29, 1960 with attached three (3) drawings which constitutes his request for government approval to change the direction of Diamond Drill Hole TI-2 to be drilled in the Tewksbury vein area under Stage I of the contract.

In processing the operator's Accounting Report for the period October, November and December 1957, government contribution to the costs of original Hole TI-2 were disallowed because of failure by the Operator to core the target area.

Please submit a joint memorandum report containing your recommendations relative to relocation of the hole.

J. W. Townsend

Enclosure

OME/DEC

JOHN B. RIGG
1500 EAST 7TH AVENUE
DENVER 18, COLORADO

COPY

February 29, 1960

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 E-1107
John B. Rigg, Assignee
(Summitville Mine)
Rio Grande County, Colorado

Dear Mister Townsend:

Please consider this letter as formal request for change of direction for Diamond Drill Hole TI-2, Tewksbury Vein, Stage I.

Exhibit A, page 4 of Contract Idm E-1107 shows location, direction, inclination and total depth of holes TI-1 and TI-2. TI-1 was completed at 391' and 509' of drilling remain in Stage I, Tewksbury Vein.

The narrative report and supportive data for September, 1959 suggests that moving TI-2 100' south on intersection with the Tewksbury Vein may show whether the South Tewksbury Open Stope Ore "rakes" to the Southeast or not. The map "Tewksbury Vein - Vertical" by Hutchinson-Rigg submitted with the December 9, 1959 evaluation by Charles E. Melbye shows that TI-2 has a good opportunity of intersection on this "rake". TI-2 payment was denied in 1957 because of lack of core.

The attached maps, horisonal and cross section of the proposed TI-2 intersection support the above information. Recommended changes include:

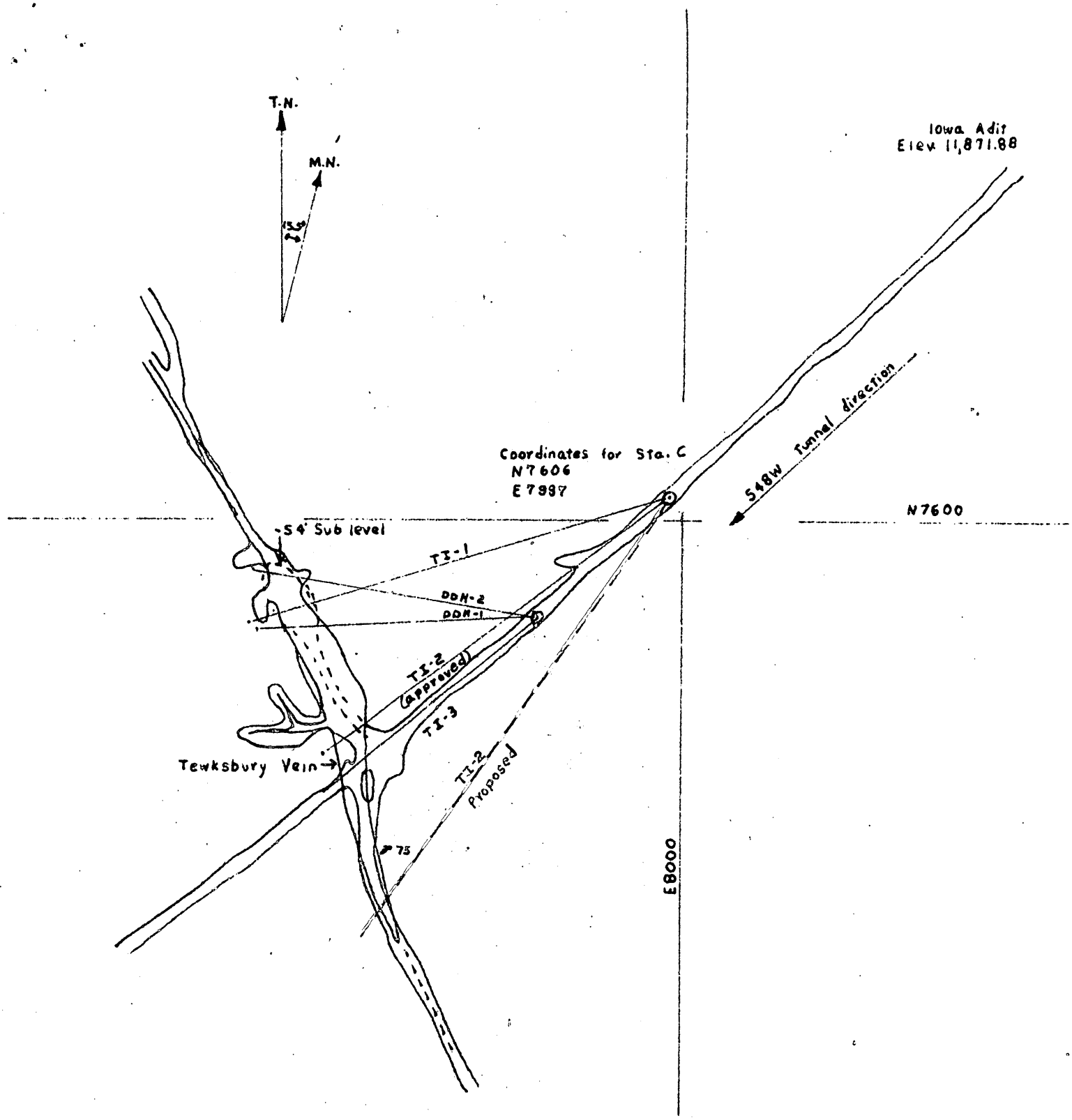
Mine Coordinate		Direction		Inclination		Total Depth	
Original	Requested	Original	Requested	Original	Requested	Original	Requested
N7606	N7607	S 54°W	S35°W	-47°	-47°	371'	371'
E7997	E7997						

Your consideration of this request is gratefully acknowledged.

Very truly yours,

John B. Rigg

OME
DEPARTMENT OF THE INTERIOR
MAR 3 1960
REGION III
DENVER, COLORADO



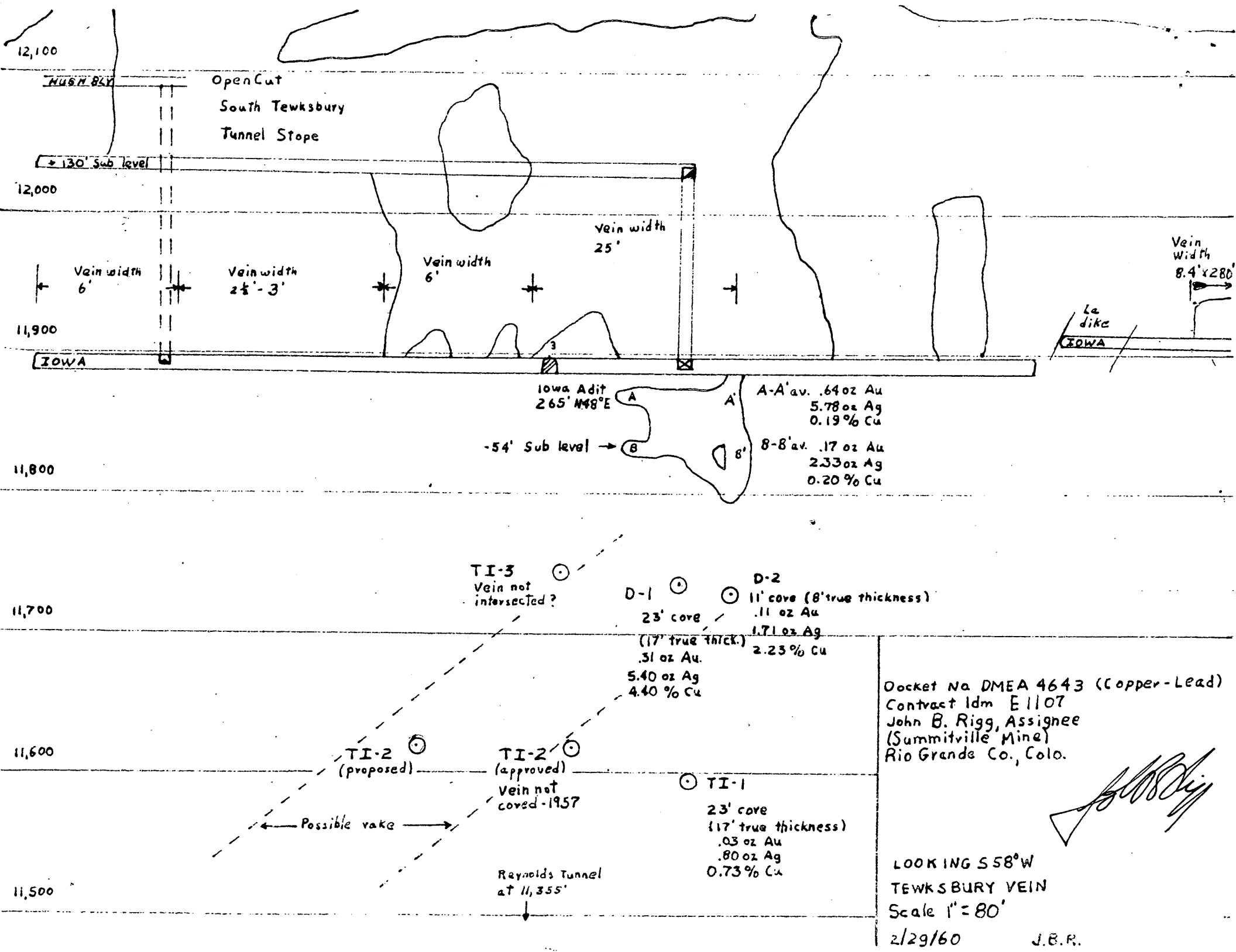
Proposed Drill Program

Hole No.	Coordinate	Dip	Length	Vertical Depth Below Collar	Direction
TI-2	N7606 E7997	-47°	371'	278'	S35°W

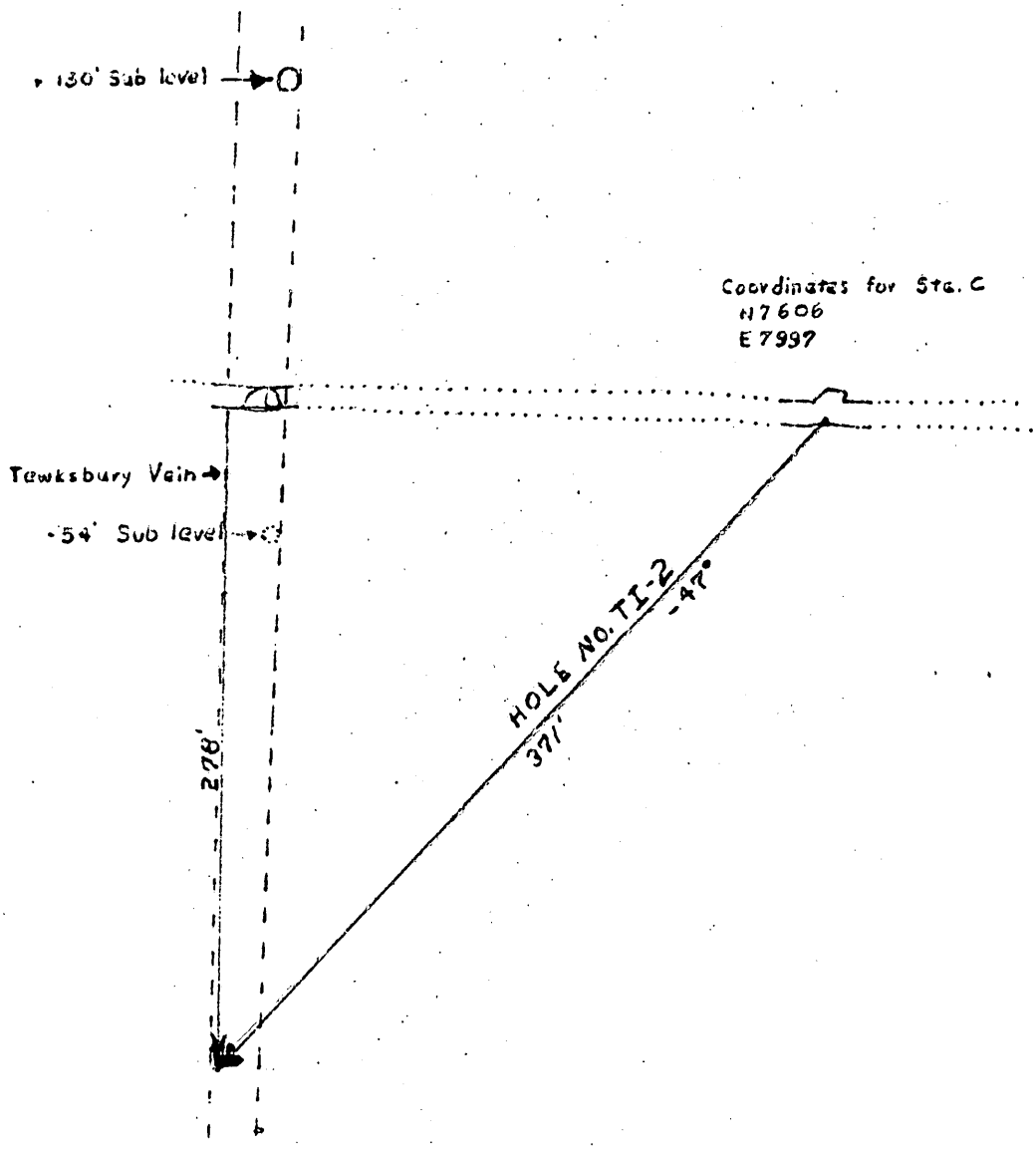
Docket No. DMEA 4643 (Copper - Lead)
Contract Idm - E 1107
John B. Rigg, Assignee
(Summitville Mine)
Rio Grande Co., Colo.

IOWA TUNNEL LEVEL
TEWKSBURY VEIN
Scale 1" = 80'
2/29/60 J.B.R.

OME
DEPARTMENT OF THE INTERIOR
MAR 3 1960
REGION III
DENVER, COLORADO


12,100
NUGGET
Open Cut
South Tewksbury
Tunnel Stope
130' Sub level
12,000
Vein width 6'
Vein width 2½'-3'
Vein width 6'
Vein width 25'
Vein width 8.4' x 280'
La dike
11,900
IOWA
IOWA
Iowa Adit 265' N48°E
A
A'
A-A' av. .64 oz Au
5.78 oz Ag
0.19 % Cu
-54' Sub level
B
B'
B-B' av. .17 oz Au
2.33 oz Ag
0.20 % Cu
11,800
TI-3
Vein not intersected?
D-1
23' core
(17' true thick.)
.31 oz Au.
5.40 oz Ag
4.40 % Cu
D-2
11' core (8' true thickness)
.11 oz Au
1.71 oz Ag
2.23 % Cu
11,700
11,600
TI-2 (proposed)
TI-2 (approved)
Vein not cored-1957
TI-1
23' core
(17' true thickness)
.03 oz Au
.80 oz Ag
0.73 % Cu
Possible rake
Reynolds Tunnel at 11,355'
11,500
Docket No DMEA 4643 (Copper-Lead)
Contract Idm E1107
John B. Rigg, Assignee
(Summitville Mine)
Rio Grande Co., Colo.
LOOKING S 58° W
TEWKSBURY VEIN
Scale 1" = 80'
2/29/60
J.B.R.

OME
DEPARTMENT OF THE INTERIOR
MAR 3 1960
REGION III
DENVER, COLORADO



Proposed Drill Program

Hole No.	Coordinate	Dip	Length	Vertical Depth Below Collar	Direction
TI-2	N7606 E7997	-47°	371'	278'	S 35° W

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

CROSS SECTION
IOWA TUNNEL LEVEL
TEWKSBURY VEIN
Scale 1" = 80'
2/29/60 J.B.R.

OME
DEPARTMENT OF THE INTERIOR
MAR 3 1960
REGION III
DENVER, COLORADO

224 New Customhouse
Denver 2, Colorado

July 20, 1959

RECEIVED
JUL 21 1959
BUREAU OF MINES
Denver, Colorado

Mr. John B. Rigg
1500 East 7th Avenue
Denver 18, Colorado

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

Dear Mr. Rigg:

Enclosed are the Government's, Audit, Finance Office and Field Team copies of proposed Amendment No. 6 to the contract which has been prepared in reference to your letter of June 15, 1959, to extend the date fixed for suspension of operations to and not later than August 1, 1959.

You will note that the amendment provides for automatic termination of the contract if work is not resumed by the date stipulated for the end of suspension of operations, and if not completed by the date presently fixed in the contract for completion of all work on or before January 15, 1960.

If the amendment is satisfactory, all copies are to be signed by you as indicated, and all copies promptly returned to this office, upon receipt of which the Operator's copy will be forwarded to you.

In the event the proposed amendment is not satisfactory, all copies must be promptly returned unsigned, together with your comments on or objections to the amendment.

Very truly yours,

Original signed by
J. W. TOWNSEND

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

Enclosure

JWT:ltm

cc: Chmn. Op. Comm. (2)
J. W. Hasler
OME/DFC
Corres. file, Reg. III

Building 20 - Federal Center
Denver 25, Colorado
January 12, 1960

Memorandum

TO: Chairman, Operating Committee, OME

From: Executive Officer, OME Field Team, Region III

Subject: Docket No. DMRA 4643 (Copper-lead) Contract No. IBm-H1107
John B. Higg, Assignee, (Summitville mine) Rio Grande
County, Colorado

Enclosed are the original and two copies of a joint memorandum dated January 12, 1960, from J. W. Hasler, Geologist, Geological Survey, and member of OME Field Team, Region III, and T. M. Romalo, Mining Engineer, Bureau of Mines containing their recommendations relative to the Operator's request of December 10, 1959, for an amendment to the contract to provide for a suspension of operations and extension of the date presently fixed for completion of the project work.

The objectives of the Stage I work have not been reached; therefore I concur in the recommendations of the examiners that an amendment be prepared to authorize a suspension of operations and extension of the completion date as requested by the Operator.

Preparation of an amendment of the nature involved is not within the authority delegated to this office; therefore, the matter is forwarded for your consideration and appropriate action. When the matter has been reviewed, advice by teletype as to your decision will be appreciated.

Original signed by

J. W. Townsend

Enclosures

JWT:ltm

cc: Hasler)w/cpy encls.
Corres.)
OME/DFC)
Susp.
Chron.

Building 20 - Federal Center
Denver 25, Colorado
January 12, 1960

Memorandum

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

From: J. W. Hasler and T. M. Romslo

Subject: Docket No. DMEA 4643 (Copper-Lead) Contract No. Ida-K1107, John R. Higgs, Assignee (Summitville Mine) Rio Grande County, Colorado - Recommendation concerning Operator's request for suspension of operations from September 28, 1959 until July 1, 1960 and extension of date of completion of Contract Ida-K1107, from January 15, 1960 until June 15, 1961.

The Operator requested in a letter dated December 10, 1959, approval for a suspension of operations and an extension of the termination date of contract Ida-K1107 for the captioned periods.

The subject contract was executed July 12, 1957, to explore for ores of copper and lead in three areas; the Annie-Copper vein, the Hidden vein, and Tomboy-McDonald vein, by diamond drilling, drifting, crosscutting and drift rehabilitation. Multiple stages of work are outlined in the contract for completion of the project in each of the three principal areas.

The Operator has had considerable difficulty in completing the the work outlined in the contract, as explained in his request of December 10, 1959, which to the writers are valid reasons for delay.

Four holes have been completed to date, one of which penetrated mineralized material not considered to be of ore grade, and three holes penetrated material of minable thicknesses that averaged 0.06 oz./T gold, 2.75 ozs./T silver and 3.89 percent copper. This material might be considered commercial, especially if a mill is constructed on the property.

The larger, more important objectives within the confines of the contract have not yet been proven even though the present inferred reserves of ore could be enough to repay the amount of the Government's expenditures to date. It is considered that the additional work has a good chance of finding significant amounts of ore and it is therefore recommended that suspension of operations and extension of the termination date of the contract be approved as requested by the Operator.

Original signed by
J. WILLIAM HASLER
By _____
J. W. Hasler

TMR:ltm

cc: 7
Caron.

Original signed by
By _____
T. M. Romslo

Building 20 - Federal Center
Denver 25, Colorado
December 14, 1959

Memorandum

TO: J. W. Hasler)w/encl.
T. M. Romalo

From: Executive Officer, OME Field Team, Region III

Subject: Docket No. DMEA 4643 (Copper-Lead) Contract Idm-K1107
John B. Rigg, Assignee (Summitville mine) Rio Grande
County, Colorado

Enclosed are one copy each of the Operator's two letters of December 10, 1959, and evaluation report dated November 9, 1959 by Charles E. Melhye, Consulting Geologist, and five maps all pertaining to past and future operations under the contract.

Winter weather forced suspension of operations under the contract the latter part of September 1959; therefore, the Operator requests an amendment to the contract to provide for a suspension of operations from September 28, 1959 until July 1, 1960, and extension of the date presently fixed for completion of the work from January 15, 1960 until June 15, 1961.

Please submit a joint memorandum report containing your recommendations concerning the Operator's request.

Preparation of an amendment of the nature involved is not within the authority delegated to this office; therefore, it is necessary that the matter be referred to the Washington Office, OME, for their consideration and appropriate action.

Original signed by

J. W. Townsend

JWT:ltm

cc: Chmn. Op/Comm. (2) w/cpy encl.
OME/DFC)
Corres. file)
Susp.
Chron.

OME/DFL

JOHN B. RIGG
1500 EAST 7TH AVENUE
DENVER 18, COLORADO

OME
DEPARTMENT OF THE INTERIOR
DEC 14 1959
REGION III
DENVER, COLORADO

Denver Dec 12, 1959

Mr. S. H. Townsend, Executive Officer
OME Field Tech., Region III
U. S. Department of the Interior
Building 20, Federal Center
Denver 26, Colorado

COPY

Re: Docket No. DIM A143 (Copper-Lead)
Contract No. Ida M107
John B. Rigg, Assignee
(Summitville Mine)
Rio Grande County, Colorado

Dear Mister Townsend:

Enclosed please find Request for Extension of Contract No. Ida M107 until June 15, 1961 and Request for Suspension of the contract until July 1, 1960 together with supporting data and maps.

Your consideration of this request is gratefully acknowledged.

Very truly yours,

John B. Rigg

Enc. -5

JOHN B. RIGG
1500 EAST 7TH AVENUE
DENVER 18, COLORADO

OME
DEPARTMENT OF THE INTERIOR
DEC 14 1959
REGION III
DENVER, COLORADO

December 10, 1959

Mr. J. W. Townsend, Executive Officer
OME Field Team, Region III
U. S. Department of the Interior
Building 20, Federal Center
Denver 26, Colorado

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

COPY

Dear Mister Townsend:

I respectfully make formal request for Suspension and Extension of Contract No. Idm E1107. Suspension is requested from September 28, 1959 until July 1, 1960 and Extension is requested from January 15, 1960 until June 15, 1961.

This request is based on the following:

1. The exploratory program at Summitville, Colorado has yet to affirm or deny the existence of appreciable amounts of Copper-Lead ores which bear minor values in Gold and Silver.

2. Pursuit of work has been slower than originally anticipated. Road conditions have not improved in 1959 as I had hoped. Rio Grande County became even less enthusiastic than in previous years on maintenance of the roads serving Summitville. The response by the Forest Service to use a timber access road now ending one mile west of Summitville at Summit Pass has been tempered by their desire that I receive permission from a logging contractor to use the road. This request has been denied once but has been submitted again. The multiple use of Forest Service lands is not fully cleared on the local level but on advise of the original property owners, I am attempting to resolve the question amiably this winter. The resolution will be accomplished because it has to be completed prior to any continuous operation at Summitville. And, plans now call for continuous operation at Summitville, starting in 1960.

3. Another factor contributing to slowness of pursuit of the exploration project has been my reluctance to start Stage I, Hidden Vein, prior to completion of Stage I, Annie Vein. Each area stands on individual merit but the programs are tied together on work schedule. If mineralization had not been found in Hole A-I-3, Stage II, Annie Vein, would have been less attractive, regardless of the results in Hole A-I-5. Likewise, Stage I, Hidden Vein, necessitates complete re-railing

JOHN B. RIGG
1500 EAST 7TH AVENUE
DENVER 18, COLORADO

Re: Docket No. DMEA 4643 (Re-Roll)
Contract No. Ida 11107
John B. Rigg, Assignee
(Summitville Mine)
Rio Grande County, Colorado

of the Reynolds Tunnel and air line installation prior to beginning. I wanted to have a fair estimation of whether Stage II, Annie Vein, might be feasible before re-railing; and the completion of Hole A-L-3 plus information compiled on the map "Annie (Copper) Vein, Vertical" answered that question. Heavier rail will now be installed in the Reynolds Tunnel than would have been had only Stage I, Hidden Vein, been proposed. Hole A-L-5 will be drilled prior to request for Stage II, Annie Vein, and I feel it will show results that will strengthen the Stage II, Annie Vein, proposal.
Re-railing also was dependent upon the road negotiations as mentioned under Item 2, above, for if we re-railed and were then forced to shutdown, we would have to recover the rail or lose it. Copper-bearing acid water in the Reynolds Tunnel forces continuous maintenance.

4. All unanswered questions were quickly resolved during the last week of September, 1959 when a heavy snowstorm stopped the drill program on the Annie Vein. It also prevented any actual work from starting on a new road to Park Creek, even if one were permitted.

5. The DMEA proposed program will be started again at the earliest moment possible in 1960, not later than July 1, 1960. Immediate work will be as stated under Recommendations, page 3, of the Malbye report dated December 9, 1959. Long term objectives are still attractive at Summitville and will be further supported by the installation of a small mill during 1960. Details of this will be furnished if you so request.

With the above thoughts in mind, I hope you may favorably consider this Request for Suspension and Extension of Contract No. Ida 11107.

Very truly yours,

John B. Rigg

COPY

EVALUATION OF COMPLETED EXPLORATION

SUMMITVILLE MINE

Rio Grande County, Colorado

Docket No. DMEA 4643
Contract 1DM - E1107

Charles E. Melbye

CHARLES E. MELBYE AND ASSOCIATES

MINING - GEOLOGICAL - GEOPHYSICAL
METALLURGICAL ENGINEERS

1117 WASINGTON AVE. CRestview 9-1542
GOLDEN, COLORADO

December 9, 1959

EVALUATION OF COMPLETED EXPLORATION

SUMMITVILLE MINE

Rio Grande County, Colorado

Docket No. DMEA 4643
Contract 1DM - E1107

INTRODUCTION

The following brief report is intended as an evaluation of work completed through 1959 under the DMEA contract with the emphasis on recommended exploration under the balance of the contract. High altitude weather conditions have necessitated continuance of the work only at convenient intervals, and this report together with accompanying maps by J. B. Rigg will summarize all exploration to date.

ANNIE VEIN

Chandler Tunnel Level

Completed: Four drill holes, AI-1 thru AI-4, have been completed with very favorable results as shown on Annie (Copper) Vein vertical section.

Only Hole No. AI-1 at the northwest end was below an expected ore-grade. The other three averaged .06 oz. Au, 2.75 oz. Ag, and 3.89 % Cu over a true width of 7.3 feet.

Proposed: Only Hole No. AI-5 remains to be drilled. The stub drift and drill station are finished.

This hole is particularly worthwhile since the 3 holes immediately northwest are all in ore and gold-copper ore has been reported in the Reynolds Winze or Raise 115 feet southeast and by Pickens in the Reynolds Drift. Furthermore, the 1300-foot drift under Stage II will explore the block of ground between Hole AI-5 and the Reynolds Tunnel.

Reynolds Tunnel Level

Completed: No work has been completed.

Proposed: Proposed exploration consists of a 1300-foot drift under

Stage II from the Reynolds Tunnel to the Reynolds Drift on the Annie Vein. Where cut by the Reynolds Tunnel, the vein is well mineralized with covellite. It will explore the block of ground below the Narrow Gauge Level at a point 350 feet lower. The Annie Vein on the Narrow Gauge Level, while not high-grade, is consistently mineralized and is about 50 feet above the supergene zone where much higher copper values begin to appear. The previously-mentioned reported values in the Reynolds Raise and Drift show the projection of ore southeastward from the Chandler workings. In addition, the Annie Vein outcrop is mostly covered with talus so that essentially the only exploration of this large block has been the one Narrow Gauge Level and raise to the Copper Hill Tunnel. The few known surface samples are shown on the section.

TEWKSBURY VEIN

Iowa Tunnel Level

Completed: Two holes, Nos. TI-1 and TI-3 are complete. (See Tewksbury Vein section by Hutchinson & Rigg) Of these, No. TI-1 showed low values 75' directly below 2.23%-4.40% Cu values in Holes Nos. 1 and 2 drilled by General Minerals Corp. apart from the DMEA program. Hole TI-3 was drilled from 50'-75' south of the above-mentioned holes but did not intersect the vein. Possible reasons were discussed in the Gaines DMEA report of October 15, 1957. Hole TI-1 indicates that the major ore shoot mined above on the Iowa Level may either be raking to the south or bottoming.

Proposed: Hole No. TI-2, the remaining one under Stage I, was drilled once but not approved for payment because of no core recovery. It was approved to intersect the vein as shown. Since one hole is probably insufficient proof that the ore shoot has bottomed and since a rake is indicated, it is recommended that Hole TI-2 be changed to intersect the vein 100 feet farther south. The new bearing will be S30°W and the depth and dip can remain the same.

This hole certainly appears worthy of completion since the two General Mineral Corp. holes, only 165 feet above averaged .21 oz. Au, 3.56 oz. Ag, and 3.32% Cu over an average 12.5 foot thickness.

Reynolds Tunnel Level

No attempt will be made to discuss the drifting and drilling on the Reynolds Level proposed under Stages II and III, as this will all depend on the outcome of Hole No. TI-2.

HIDDEN VEIN

Reynolds Tunnel Level

Completed: No work has been completed.

Proposed: Under Stage I, 200 feet of drifting to gain access to the Reynolds-Tewksbury Level is first proposed. (See Hidden Vein vertical section). This will permit entry back to the drill site shown on the map by General Minerals Corp. entitled Proposed Exploration-Reynolds Tunnel Level. This drift will serve two useful purposes: 1)further explore the Hidden Vein to the northwest and 2) gain an easier access to the drill station owing to the badly caved ground just west of the Hidden Vein drift.

The only known ore reserves in the Summitville mine are the blocks immediately above the Reynolds Tunnel Level, shown by Garrey. Numerous car and channel samples from the Thornton and McAfee (Jones) raises all show good gold-copper values. Vein intensity at the northwest end of the Hidden Vein drift is still strong and the copper values, previously low on the Narrow Gauge Level, are showing up well on this level. Vein values at the northwest end of Narrow Gauge Level, 250' above, are reportedly good. Three drill holes should adequately explore the Hidden Vein below Reynolds Tunnel Level and are therefore recommended.

RECOMMENDATIONS

Under Stage I, complete
1) Hole No. AI-5 on Annie (Copper) Vein.
2) Hole No. TI-2 on Tewksbury Vein.
3) 200-foot drift and Hole Nos. HI-1 thru HI-3 on Hidden Vein.

If Hole No. AI-5 on the Annie Vein is favorable, the Stage II 1300-foot drift from the Reynolds Tunnel should be started immediately.

Stages III and IV on the Annie Vein and Stages II and III on the Tewksbury Vein will naturally depend on the foregoing results.

Respectfully submitted,

Charles E. Melbye

Charles E. Melbye
Geological Engineer

WY117-DN WAF 23 I-MME

WASHINGTON DC 6-24-59 1227R

J W TOWNSEND EXECUTIVE OFFICER

OME FIELD TEAM DN

REURMEMO JUNE 16, DOCKET DMEA 4643, JOHN B RICC, CONTRACT IDM-E 1107, WE WILL PREPARE REQUESTED AMENDMENT.

A S MARTIN ACTG CHAIRMAN OPERATING COMMITTEE

16 4643 IDM-E1107

PB 1229R

P.B.A. TELETYPE CENTER
JUN 24 10 39 AM '59
DENVER, COLO.

RECEIVED
JUN 25 1959
Div. of Mineral Technology
BUREAU OF MINES
Denver Experiment Station
Denver, Colorado

6/24/59
Copy to
H Washburn
OME/DFC
Suspense

OME/DEC

OME
DEPARTMENT OF THE INTERIOR
JUL 17 1959
REGION III
DENVER, COLORADO

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

June 15, 1959

Mr. J. W. Townsend, Executive Officer
OME Field Team, Region III
U. S. Department of the Interior
224 New Customhouse
Denver 2, Colorado

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

Dear Mister Townsend:

In reference to my request for a continuation of suspension of operations under Contract No. Idn E1107 from June 1, 1959 until not later than July 15, 1959 and your advisement that the extension was granted, please be advised that operations have been resumed as of July 10, 1959.

Work consists of Stage I drilling, Chandler Tunnel.

Very truly yours,

John B. Rigg

RECEIVED
JUL 17 1959
BUREAU OF MINES
Denver, Colorado

224 New Customhouse
Denver 2, Colorado

June 16, 1959

RECEIVED
JUN 17 1959
Div. of Mineral Technology
BUREAU OF MINES
Denver Experiment Station
Denver, Colorado

Memorandum

To: Chairman, Operating Committee, OME

From: Executive Officer, OME Field Team, Region III

Subject: Docket DMEA 4643 (Copper-Lead) Contract Ids-E1107, John B. Rigg, Assignee (Summitville mine) Rio Grande County, Colo.

Enclosed are the original and one copy of the Operator's letter of June 15, 1959, requesting an extension of the ending date of suspension of operations from June 1, 1959 to July 15, 1959.

Since the Operator's inability to resume work by June 1, 1959, was because of conditions largely beyond his control, it is recommended that an amendment be prepared to extend the suspension of operations as requested.

Please teletype advice as to your decision in the matter.

Original signed by
J. W. TOWNSEND

J. W. Townsend

Enclosures

JWT:jy

cc: Harshman)
OME/DFC) w/copy of Oper's. ltr.
Corres.) of 6/15.
Suspense)
Chron.

OME
DEPARTMENT OF THE INTERIOR

JUN 16 1959
REGION III
DENVER, COLORADO

1500 E. 7th Ave.
Denver 18, Colorado

June 15, 1959

Mr. J. V. Tennant, Executive Officer, OME
Field Team, Region III
Office of Mineral Exploration
United States Department of the Interior
314 New Customhouse Building
Denver 2, Colorado

Re: Docket No. DMEA 4643 (Copper-Lead)
Contract No. 14n-0833
John B. Rigg, Assignee
(Sunnyville Mine)
Rio Grande County, Colorado

Dear Mister Tennant:

It had been my anticipation until a few days ago to write to you confirming that work under the provisions of Amendment No. 5, which suspended operations from September 23, 1958 until not later than June 1, 1959 had been resumed.

The Sunnyville road was opened May 29, 1959 and work started to continue Stage I drilling. However, caved ground conditions [illegible] and at [illegible] on the Chandler Level have blocked efforts to open this adit for the drill crews. I have been to Drill Stations 2 & 3 on this level but it is impossible to support drill operations until the tunnel is improved. On the Republic Level a cave at [illegible] prevents Stage I work on that level. It had been our sincere desire to be underway at the end of the suspension period and crews are now working to open the Chandler Adit.

E 8600

Respectful request is hereby submitted for continuation of suspension of operations as provided under Amendment No. 5 until not later than July 15, 1959.

If operation is resumed prior to that time, before the July 4th long week-end certainly is our target date, notification of resumption will be forwarded to your office. I do wish to apologize for delay in writing you of this but hope that the program would be underway ahead of manner until realization that the additional work in reconditioning was going to exceed the exploration program to such an extent that formal request for additional suspension was needed. Please rest assured that present work is being pushed with the realization that "time is of the essence" in completion of the DMEA program.

Very truly yours,

John B. Rigg

JR/ms

224 Bar Customhouse
Denver 2, Colorado
June 4, 1959

RECEIVED
JUN 5 - 1959
Div. of Mineral Technology
BUREAU OF MINES
ver Experiment Station
Denver, Colorado

Mr. John B. Higg
1500 East 7th Avenue
Denver 18, Colorado

Re: Project No. [illegible] (Copper-Lead)
Contract No. [illegible]
John B. Higg, Assignee
(Summitville mine)
Rio Grand County, Colorado

Dear Mr. Higg:

Under the provisions of Amendment No. 5, work under the contract was suspended from September 23, 1958 to not later than June 1, 1959.

As the date for resumption of work has passed, please advise by return mail as to whether or not work under the contract was resumed on or before June 2, 1959.

Very truly yours,

Original signed by
J. W. TOWNSEND

J. W. Townsend
Executive Officer, OMM
Field Team, Region III

JWT:lm

cc: Chem. Op. Comm. (2)
Harshman
OMM/DFC
Corres. file, Reg. III
Susp file
Chron.

EWB

xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
OFFICE OF MINERALS EXPLORATION
224 New Customhouse
Denver 2, Colorado

RECEIVED
DEC 1 1958
of Mineral Technology
BUREAU OF MINES
Experiment Station
Denver, Colorado

December 1, 1958

Mr. John B. Rigg
1500 East 7th Avenue
Denver 18, Colorado

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

Dear Mr. Rigg:

Enclosed are the Government's, Audit's, Finance Office, and Field Team copies of proposed Amendment No. 5 to contract Idm-E1107, which has been prepared in reference to your letter of November 10, 1958, to provide for suspension of operations during the period beginning September 23, 1958, and ending not later than June 1, 1959.

If the proposed amendment is satisfactory, all copies are to be signed by you as indicated, and all copies promptly returned to this office, upon receipt of which the Operator's copy will be forwarded to you.

Very truly yours,

Original signed by
J. W. TOWNSEND

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

Enclosures

JWT:ltm

cc: Harshman
Buel, OME/DFC
Corres. file
Cooper
Chron.

233

NYB064-DN NAF 26 I-BOM

WASHINGTON DC 11-19-58 1531R

J W TOWNSEND EXECUTIVE OFFICER

BOM DN

REURMEMO NOVEMBER 14, 1958, DOCKET DMEA-4643, JOHN B RIGG, CONTRACT IDM-E1107, WE WILL PREPARE REQUESTED AMENDMENT FOR RECESS.

GEORGE C SELFRIDGE ACTG CHAIRMAN OPERATING COMMITTEE

14 1958 4643 IDM-E1107

PB 1533R

11-19-58
Copies distributed to:
Harshman
Buel
Carres
Cooper

RECEIVED
NOV 21 1958
U.S. of Mines Technology
BUREAU OF MINES
Experiment Station
Denver, Colorado

EWB

OFFICE OF MINERALS EXPLORATION
224 New Customhouse
Denver 2, Colorado
November 14, 1958

RECEIVED
1958
Mineral Technology
BUREAU OF MINES
Experiment Station
Denver, Colorado

Memorandum

To: Chairman, Operating Committee, OME

From: Executive Officer, OME Field Team, Region III

Subject: Docket No. DMEA 4643 (Copper-Lead), Contract Idm-X1107
John B. Rigg, Assignee, Summitville Mine, Rio Grande County, Colorado

Enclosed are the original and one copy of the Operator's two letters dated November 10, 1958, requesting Government approval for suspension of operations under Contract Idm-1107.

Progress on the project has been slow from the beginning largely because of its isolated position and inability of both past and present operators to maintain the services of a drilling contractor.

The results of work performed to date are inconclusive, therefore, the project is considered as having the same merit as when originally recommended. Under the circumstances, it is recommended that an amendment be prepared to authorize a suspension of operations from September 25, 1958 to June 1, 1959. An extension of the completion date is not involved at this time.

When you have reviewed the matter, please teletype advise as to your decision so that the Operator can be advised accordingly.

Original signed by
J. W. TOWNSEND

J. W. Townsend

enclosures
JWT/ff
cc: Harshman
Bael, OME/DPC } w/copy of enclosures
Corras.
Cooper
Chron.

Rec'd

November 1[illegible], 1958
1500 E. 7th Ave.
Denver 1[illegible], Colorado.

OME
DEPARTMENT OF THE INTERIOR
NOV 14 1958
REGION III
DENVER, COLORADO

Mr. J.W. Toumsoni
Alternate Acting Executive Officer
Defense Minerals Exploration Administration
Bureau of Mines
Department of Interior
224 Federal Customhouse Building
Denver, Colorado.

Re: Docket No. DMEA 463 (Compromise)
Contract DMEA-1107
John B. Rigg, Assignee
Sunnyville Mine
Rio Grande County, Colorado.

Dear Mr. Toumsoni:

Enclosed please find Progress Report for October, 1958 under the above contract. No Forms DF-104 or DF-104A are enclosed for reasons explained in the enclosed Request for Temporary Suspension.

Very Truly yours,

John B. Rigg

November 6, 1956
1500 E. 78th Ave.
Denver 12, Colo.

Progress Report, October, 1956

Re: Project No. DMA 4613 (Copper-Lead)
Contract No. Bim 1-1107
John B. Rigg, Assignee
Sunnitville Mine
Rio Grande County, Colorado.

During October, 1956, Holden Drilling Co., Holden, Colorado was awarded a contract to drill Holes A1-3 and A1-5, Chevalier Level, Stage I, Annie Vein at the Sunnitville Mine. Crews were moved to camp, the column set for Hole A1-5 and pumps set for water. A snowstorm on October 22, 1956 made the road to Sunnitville rather difficult to traverse and request for the Rio Grande County road department to clear snow off this county road was refused.

Since no assistance in clearing the county road was forthcoming, see attached Request for Temporary Suspension, the drill crews were forced to leave Sunnitville on October 27, 1956.

No reportable units.

John B. Rigg

Nov. 1, 1958
2590 E. 7th Ave.
Denver 10, Colorado.

Mr. J. M. Townsend
Alternate Acting Executive Officer
Defense Minerals Exploration Administration
Bureau of Mines
Department of Interior
224 New Customhouse Building
Denver, Colorado

Re: Project No. DMEA 4643 (Copper-Lead)
Contract IDm-E-1107
John D. Rigg, Designee
Sunnitville Mine
Rio Grande, County, Colorado.

Dear Mr. Townsend:

This is a request for Temporary Suspension of operation under the above named contract retroactive to the last reportable unit of cross drifting and drill station of September 21, 1958 until June 1, 1959.

This request is reluctantly made because of the inability to traverse a Rio Grande County, Colorado road to Sunnitville, Colorado from Del Norte, Colorado and other supply points of the mine.

A brief statement of the facts and a review of the preceding events follows:

1. General Minerals Corporation undertook an exploration program at Sunnitville in 1955 and expended approximately $262,000.00 in rehabilitation and exploration before assigning their lease to me in July, 1956. DMEA approved transfer of Contract IDm-E-1107 and work was immediately started to complete Stage I, Annie Vein in August, 1956.

2. As shown in the Progress Report for August and September, 1958 the cross drift and drill stations were completed to facilitate drilling holes A1-3 and A1-5. A contract was signed with Sprague and Henwood, Inc., Scranton, Pa. to do this work and other drilling as needed under the contract. This drilling company requested non-compliance with the contract, when one of their men received a broken ankle after a small slab fell, on grounds that the property was unsafe. No argument, threat, or plea would change the company's attitude. (I still don't know their real reason to quit.) As shown in the September, 1958 Progress Report, Boyles Bros. Drilling Co. felt they could not start drilling until Spring, 1959.

3. Finally, Golden Drilling Co., Golden, Colorado was awarded the contract at Sunnitville, Colorado on Oct. 11, 1958. To get their men and equipment to Sunnitville took approximately two weeks, which is not an unreasonable time, and on October 23, 1958 they moved seven men and equipment. A snowstorm caused about one foot

cont.

Re[illegible] et No. [illegible] (Corrected)
Contract No. [illegible]
[illegible], Stage [illegible]
Sunnitville [illegible]
Rio [illegible], Colorado

of snow on the ground [illegible] the drill [illegible] not [illegible] ready for drilling, work must shut down [illegible].

4. During the September meeting, Board of County Commissioners, Rio Grande County, Colorado, assurances had been given to us that crews at Sunnitville would be afforded an open road to Sunnitville during Stage I work, which I hoped to complete during November-December 1956 so that if work would be temporarily suspended, while Stage II would be in progress or recovery or repairing, it would be done during the bad part of the winter. The 27 miles from Del Norte to Sunnitville is a County road. The road from Sunnitville is Monte Vista via Wightman's Fork, and is also a county road, but a bridge on it about one and one-half miles from Sunnitville washed out this spring. These two roads, the Del Norte road and Wightman's Fork road connect at Sunnitville. Because of bad conditions on other bridges on the Wightman's Fork road, the Rio Grande County Commissioners did not want to replace the broken bridge. I agreed to this if they would agree to keep the Del Norte road open, to which they agreed. Therefore, I ordered fuel and supplies and contracted the drilling contractor under an agreement but that the Rio Grande County road would be maintained.

On October 26, 1956, I called Sam McAllister, Commissioner of Rio Grande County and told him the road had received some snow but that we were able to travel all right. I further stated we would like to have it bladed at the first convenience so that it would not drift and the drillers could travel the road when needed. I was informed that there was no intention on the part of the County to put any equipment on the road because too many roads in the valley needed work. I stated that I had been working at Sunnitville, that we had equipment and vehicles up there that we did not wish to leave for the winter if another storm came and requested the Commissioner that for my taxes of over $160.00 paid in 1955, I received one trip by a maintainer up the County road. Also, I reminded the Commissioner that I would be willing to contribute the seven miles of Wightman's Fork road if it were not unpassable because of a washed out bridge over which it was a County road. I [illegible] individual to be responsible for [illegible] miles of County road was illegal, to say the least. Upon [illegible] to the impossibility of getting the [illegible] could not travel to Sunnitville on the County road, the answer was that it was in [illegible].

cont.

[illegible] 463 (Form-[illegible])
[illegible]
[illegible]
[illegible]
[illegible]

[illegible] Matthews, [illegible] of Johnson [illegible], was informed by [illegible] as well as by me that the [illegible] attitude was, and he requested that he be able to move his son from [illegible] immediately for their safety before another storm broke. I had no alternative but to concur.

5. The above events leal to no alternative but to request temporary suspension of contract [illegible] 7 for September 21, [illegible] the last reportable date under the contract until June 1, 1959, [illegible] hoped that work might be started in May, 1959, but the later date is requested. No extension of the contract in [illegible] past the present date of January 1, 1960 at this time.

Your general consideration of this report is respectfully sought.

Very truly yours

John [illegible]

Eub

20A New Customhouse
Denver 2, Colorado
September 22, 1958

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

Mr. John B. Higg
1500 East 7th Avenue
Denver 18, Colorado

Re: Resident No. DMEA 6643 (Copper-Lead)
Contract No. Bm-XI107
John B. Higg, Assignee
(Sunshine mine)
Rio Grande County, Colorado

Dear Mr. Higg:

Reference is made to your letter of September 22, 1958 wherein you request the Government's approval for the drilling of holes A-3 and A-5 under Stage I of the contract in the Annie-Copper vein zone.

Since you are proposing to drill the holes essentially as provided for in the contract, specific approval for the drilling of the holes is not required. Therefore, you may proceed with the drilling at your earliest convenience, provided that the holes are drilled in accordance with provisions in the contract pertaining thereto, except for the slight variation in direction and dip.

Very truly yours,

Original signed by
E. N. HARSHMAN
E. N. Harshman

JWT:jrl
cc: GSS Washington(2) } w/copy of
Harshman } Operator's
Reif GSS DEC ✓ } letter of
Corrsp. file } Sept. 22.
Assistant file
Cooper
Chron.

EWB

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
OFFICE OF MINERALS EXPLORATION
224 New Customhouse
Denver 2, Colorado
October 14, 1958

RECEIVED
OCT 14 1958
Div. of Mineral Technology
BUREAU OF MINES
Ser Experiment Station
Denver, Colorado

Mr. John E. Rigg
1500 East 7th Avenue
Denver 18, Colorado

Re: Docket No. DMEA 4643 (Copper-Lead)
Contract No. Mm-K1107
John E. Rigg, Assignee
(Summitville mine)
Rio Grande County, Colorado

Dear Mr. Rigg:

Form MF-104, Operator's Monthly Report and Voucher, for September, 1958, has been received in this office.

Work under the contract has been temporarily suspended; therefore, reimbursement to you of the Government's contribution in the costs for September, 1958, is withheld pending resumption of work under the contract.

Very truly yours,

Original signed by
E. H. HARSHMAN

E. H. Harshman
Acting Executive Officer

JEC:pel

cc: Chron. Op. Comm. (2)
Harshman
Regl OMR/DFC ✓
Corres. file
Cooper
Chron.

OME, Reg. III
SEP 22 1958

Sept. 14, 1958
John B. Ridgway
1500 - 7th Ave.
Denver, 10, Colo.

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

Re: Docket No. OMA 6643 (Copper-Lead)
Contract No. 10-E1107
John B. Ridgway, Designee
(Sunnyville Mine)
Rio Grande County, Colorado.

Dear Mr. Townsend:

Approval is hereby requested for drilling the following two holes under State I, Annie Vein of the above named contract. See attached map.

Hole no.	Location		Direction	Dip	Length
A-3	N96.30	E68.25	S 16° 30' W	51° 22'	232'
A-5	N96.78	E86.95	S 13° 0' W	40° 20'	202'

This work will be started upon your approval, the lower one-half of each hole will be cored and the work will be performed by a reputable drill contractor.

Very truly yours,

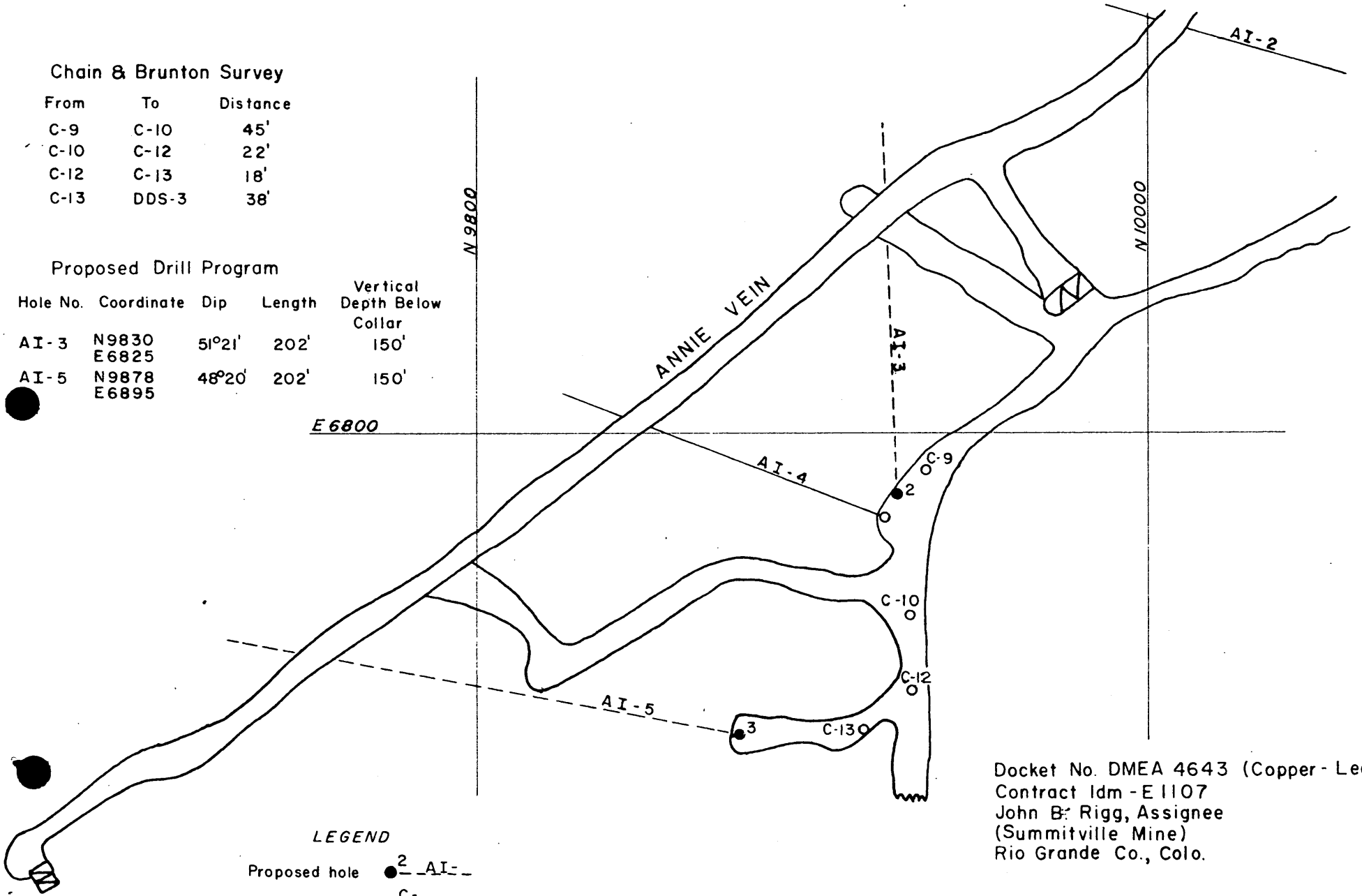
John B. Ridgway

Chain & Brunton Survey

From	To	Distance
C-9	C-10	45'
C-10	C-12	22'
C-12	C-13	18'
C-13	DDS-3	38'

Proposed Drill Program

Hole No.	Coordinate	Dip	Length	Vertical Depth Below Collar
AI-3	N9830 E6825	51°21'	202'	150'
AI-5	N9878 E6895	48°20'	202'	150'



LEGEND

Proposed hole ●2 AI-

Survey Sta. ○C-

Exsisting hole ○— AI-

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

ANNIE VEIN AREA - STAGE I

CHANDLER TUNNEL LEVEL
Scale 1" = 40'
9/15/58 w. p. burger

RECEIVED
SEP 11 1958
Div. of Mineral Technology
BUREAU OF MINES
Denver Experiment Station
Denver, Colorado

22d New Customhouse
Denver 2, Colorado
Sept. 10, 1958

Mr. S. Y. Guthrie, III, Vice President
General Minerals Corporation
Meadows Building
Dallas 6, Texas

Re: Docket MMEA 4643 (Copper-Lead)
Contract I4s-H1107
General Minerals Corporation
(Summitville mine)
Rio Grande County, Colorado

Dear Mr. Guthrie:

Form MF-104, Operator's Monthly Report and Voucher, for October and November, 1957, is being processed for payment. The following deductions have been made:

Disallowance, Drilling Costs

Of the five drill holes reported only two holes, Nos. A-1-4 and T-1-1 are acceptable under the provisions of the contract. The other three holes are not acceptable for the following reasons:

Hole No.	Reason not Acceptable
A-1-3	Not completed to contract objective
T-1-2	Not cored through target zone
T-1-3	Hole not authorized by contract

The reported cost, including Incidental Allowance, for drill holes A-1-3, T-1-2 and T-1-3, is disallowed.

Disallowance, Standby Time

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

You will be further advised of the above deductions by means of an Administrative Audit Difference Statement, which will be forwarded to you by the Finance Office, Region III.

Very truly yours,

Original signed by
E. N. HARSHMAN

E. N. Harshman
Acting Executive Officer
IMSA Field Team, Region III

JDC:hmh

cc: Chmn. Op. Comm. (2)
Buel, IMSA/DFC
Harshman
Corres. file, Reg. III
Cooper
Chron

[illegible]

[illegible] Bar Construction
Denver 2, Colorado
August 22, 1958

RECEIVED
AUG 25 1958
Div. of Mineral Technology
BUREAU OF MINES
Denver Experiment Station
Denver, Colorado

Mr. John R. Nagl
1500 East 7th Avenue
Denver, Colorado

Re: Contract No. [illegible] (Copper-Zone)
Contract No. [illegible]
General Minerals Corporation
(Sunnyville Mine)
Rio Grande County, Colorado

Dear Mr. Nagl:

Enclosed are the following, in connection with the referenced Contract:

1. The Government's, Audit, Finance Office, and Field Team copies of a proposed Assignment of Contract, which has been prepared in conformance with the request of July 24, 1958 to assign the contract of General Minerals Corporation to you.

2. The Government's, Audit, Finance Office, and Field Team copies of proposed Amendment No. 8 to the Contract, which has been prepared to extend the completion date to thirty (30) months from the date of the contract, or January 15, 1960, extend the commencement of operations to and not later than September 15, 1958, and increase the maximum period for royalty payments to eleven (11) years from the date of the contract.

If the Assignment of Contract, under item 1, is satisfactory, all copies are to be signed by you, your signature notarized, and signed by an official of General Minerals Corporation authorized to sign such an instrument, the signer's title inserted, the signature attested to by the Secretary of the Corporation, and the corporate seal affixed; after which all copies are to be returned to this office; upon receipt of which, the Assignor's and Assignee's copies of the Assignment of Contract will be forwarded to them.

If the Amendment, under Item 2, is satisfactory, all copies are to be signed by an official of General Minerals Corporation authorized to sign such an instrument, the signer's title inserted, and the corporate seal affixed; after which all copies of the Amendment should be returned to this office with the copies of the Assignment of Contract; and upon receipt of which the "Operator's Copy" will be forwarded to you.

Very truly yours,

Original signed by
J. W. TOWNSEND

J. W. Townsend
Alternate Acting Executive Officer
NMA Field Team, Region III

Enclosures

cc: Mr. E. T. Erbacie
General Minerals Corporation
Mercantile Building
Dallas 6, Texas

JWT:pfA

cc: Chron. Op. Comm. (2)
Hardman
Reel NMA/DFC ✓
Corres. File
Cooper
Chron.

EWB

August 22, 1958
1700 E. 6th Ave
Denver 18, Colorado

JOHN B. RIGG

RECEIVED
AUG 25 1958
Div. of Mineral Technology
BUREAU OF MINES
Denver Experiment Station
Denver, Colorado

Mr. J.W. Townsend
Alternate Acting Executive Officer
Defense Minerals Exploration Administration
United States Department of the Interior
224 New Customhouse Building
Denver 2, Colorado

Re: Docket No. DMEA 4643 (Copper-lead)
Contract No. Ldr-E1107
General Minerals Corporation (John B. Rigg)
Summitville Mine
Rio Grande County, Colorado

Dear Mr. Townsend:

Please be advised that work under the above named contract recommenced on August 16, 1958. Work consisting of the following schedule is now being undertaken:

Annie Vein, Stage 1,

1. Clean Chandler Tunnel to D D Station No. 2 and prepare station for drilling D D Hole AI-3.
2. Clean, complete and timber crosscut from Chandler Tunnel to D D Station No. 3 and prepare D D Station No. 3 for drilling D D Hole AI-5.

Drilling at the above stations will commence as soon as the stations are prepared.

This work is being pursued in hopes that Stage I, Annie Vein, will be completed by September 30, 1958.

Very Truly yours,

John B. Rigg

Copies dist to:
Hardemann
Bell
Carnes
Cooper

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

224 New Customhouse
Denver 2, Colorado
April 22, 1958

RECEIVED
APR 23 1958
... of Mineral Technology
BUREAU OF MINES
Experiment Station
..., 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 No. DMEA 4643 (Copper-Lead) Contract Idm-E1107,
General Minerals Corporation (Summitville mine)
Rio Grande County, Colorado

Enclosed are the original and five copies of Form MF-104, Operator's Monthly Report and Voucher, Form MF-104A, Operator's Unit Cost and Progress Report, and supporting data, for the period October, November and December, 1957. The October, November, and December report originally were submitted separately; however, all copies of the reports contained errors and were returned to the Operator for revision and combining into a single report. Additional data consisting of a plan map and three lithologic logs were also submitted with the revised report.

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.

E. N. Harshman

E. N. Harshman

Enclosures

JDC:hmh

cc: Corres.file, Reg. III
Chron

Ed - this is for your files

RECEIVED
AUG 13 1958
Div. of Mineral Technology
BUREAU OF MINES
nver Experiment Station
Denver, Colorado

Aug 12 1 46 PM '58
DENVER, COLO.
P.O. TELETYPE CENTER

WY173-DN WAF 32 I-BOM

WASHINGTON DC 8-12-58 1406R

J W TOWNSEND ALTERNATE ACTING EXECUTIVE OFFICER

DMEA FIELD TEAM DN

REURTT AUG 8 DOCKET DMEA 4643 GENERAL MINERALS CORP CONTRACT IDM-E1107, WE ARE PREPARING NECESSARY AMENDMENT TO CONTINUE RECESS PERIOD BEYOND JULY 15. WE ARE ALSO PREPARING ASSIGNMENT TO JOHN B RIGG TO BE EFFECTIVE AUGUST 15. THEREFORE AFTER SUCH DATE HE MAY PROCEED AT HIS OWN RISK

GEORGE C SELFRIDGE CHAIRMAN OPERATING COMMITTEE

8 DMEA 4643 IDM-E1107 15 15

FAC 1414R

Copies distributed to:
Hardman
DMEA, DFC (Buel)
Cooper
Corres. file

Denver, Colorado

DMEA, Bureau of Mines

TELETYPE

RECEIVED
AUG 11 1958
Div. of Mineral Technology
BUREAU OF MINES
Denver Experiment Station
Denver, Colorado

August 8, 1958

Chairman, Operating Committee, DMEA

Re our memorandum July 31, 1958. Docket No. DMEA 4643, Contract Idm-E1107, General Minerals Corporation. John B. Riggs proposed assignee, advised today that he is in financial position to complete work under the contract and that he would be able to resume work week of August 18, if approval granted for assignment of contract to him. As soon as decision reached please teletype advice so that we can relay information to him.

Original signed by
J. W. TOWNSEND

J. W. Townsend

CONFIRMATION
JWT:BMH
CC: Harshman
DMEA/DFC (Buel)
Cooper
Chron

EWB

RECEIVED
AUG 4 1958
Div. of Mineral Technology
BUREAU OF MINES
Denver Experiment Station
Denver, Colorado

224 New Customhouse
Denver 2, Colorado
August 1, 1958

Mr. E. Y. Guthrie III
General Minerals Corporation
Meadows Building
Dallas 6, Texas

Re: Docket No. DMEA 4643 (Copper-Lead)
Contract No. Idm-K1107
General Minerals Corporation
(Summitville mine)
Rio Grande County, Colorado

Dear Mr. Guthrie:

Receipt is acknowledged of your letter of July 22, 1958, with attached Assignment of Lease from General Minerals Corporation to John B. Rigg, which constitutes your request and support thereof for the assignment of DMEA Contract No. Idm-K1107.

The matter has been forwarded to the Washington Office, DMEA, for their consideration and appropriate action, on which you should hear at an early date, either direct from them or through this office.

Very truly yours,

Original signed by
J. W. TOWNSEND

J. W. Townsend
Alternate Acting Executive Officer
DMEA Field Team, Region III

cc: Mr. John B. Rigg
1500 East 7th Avenue
Denver, Colorado

JWT:pvl

cc: Chem. Op. Comm. (2)
Harshman
DMEA/DFC (Bual)
Carres.
Cooper
Chron.

EWB

224 New Customhouse
Denver 2, Colorado
July 31, 1958

RECEIVED
AUG 1 1958
Div. of Mineral Technology
BUREAU OF MINES
Denver Experiment Station
Denver, Colorado

Memorandum

To: Chairman, Operating Committee, DMEA

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

Subject: Docket No. DMEA 4643 (Copper-Lead), Contract No. 14m-E1107, General Minerals Corporation (Summitville mine), Rio Grande County, Colorado

Enclosed are the original and one copy of a letter, dated July 22, 1958, from the Operator, countersigned by John B. Rigg, with attached copy of Assignment of Lease from General Minerals Corporation to John B. Rigg, pertaining to the land subordinated under the contract.

In the Operator's letter, it is requested that the contract be assigned to John B. Rigg and that the suspension of operations be extended from July 15, 1958 to September 1, 1958, to allow the proposed Assignee time to assemble personnel and equipment preparatory to resumption of work under the contract.

By grapevine, we have been given to understand that an apparent attempt has been made to peddle the property to Climax, Pinnacle, Gibraltar Minerals, and other concerns. Without any support whatsoever, we have an instinctive doubt of the proposed Assignee's financial ability to carry on the work without outside assistance as far as his portion of the expenses will amount to.

To date, we have reimbursed the Operator $50.00 on work performed. An accounting report is now being processed, with Government participation tentatively determined to be $1,252.80, $500.00 of which we will withhold pending resumption of work under the contract.

The small amount of work performed to date has not altered the original potentialities of the property, and, under the circumstances, we are somewhat in a quandry as to the steps that should be taken to

protect the Government's interests in the matter. The property is in a locality and at an elevation which preclude all winter work. Undoubtedly, it will be necessary to suspend operations again during the most severe winter weather months.

Under the circumstances and considering the foregoing qualifications, but in order to give the proposed Assignee every chance to fulfill his obligations, we recommend that an appropriate instrument be prepared to assign the contract to John B. King, and that an amendment be prepared extending the suspension period to September 1, 1958. However, it is further recommended that restitution be incorporated in the amendment that the contract is substantially terminated, effective the beginning date of the prior suspension of operations, if work is not resumed on or before September 1, 1958.

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

Enclosures

JWT:prl

cc: Burdeman
DMRA/DPC(Kual)
Corres. file
Cooper
Chron.
} w/copy of enclosure.

DMEA/DFC
Bus

July 22, 1958

Mr. J. W. Townsend,
Alternate Acting Executive Officer
U. S. Department of the Interior
224 New Custom House
Denver 2, Colorado

DMEA
DEPARTMENT OF THE INTERIOR
JUL 30 1958
REGION III
DENVER, COLORADO

Re: DMEA-4643
(Cu-Pb)
Idm-E-1107
General Minerals Corporation
Summitville Mine
Rio Grande County, Colorado

Dear Sir:

The undersigned, General Minerals Corporation and John B. Rigg, jointly request the transfer from General Minerals Corporation to John B. Rigg of the former's rights under DMEA Contract Idm-E-1107 issued in Docket DMEA-4643 to General Minerals Corporation under date of July 15, 1957. Attached in support of this request are five true copies of the instrument of assignment from General Minerals Corporation to John B. Rigg, covering the lease on the mining claims in the Summitville Mining District, Rio Grande County, Colorado, described in Annex I to the contract referred to above.

General Minerals has entered into an agreement of merger with Fargo Oils Ltd., a Canadian corporation, under which the latter corporation will be the surviving entity and General Minerals Corporation will be dissolved. Inasmuch as Fargo Oils Ltd. is engaged principally in the oil and gas business and does not propose to engage in the mining business, and because Fargo Oils Ltd. is not authorized to hold title to real property located in the United States, the agreement of merger requires General Minerals Corporation to dispose of and

thus to convert to cash or its equivalent all of its mining properties, including the Summitville properties which are the subject of the contract referred to above. As required by this agreement of merger, General Minerals Corporation has transferred these properties to John B. Rigg as evidenced by the attached assignment. Mr. Rigg is experienced in the mining business. He intends to assume the operation of the properties as required by the lease, continue the exploration project described in the DMEA contract, and perform the obligations imposed upon General Minerals Corporation thereunder.

Due to the interruption of its normal business incident to its merger into Fargo Oils Ltd., General Minerals Corporation has not been able in recent months to carry on the exploration project provided in the contract. By Amendment No. 3 to the aforesaid contract, consent was given to the suspension of operations on the properties until July 15, 1958. Several weeks time will be required by Mr. Rigg to make the necessary arrangements for personnel and equipment before he can commence operations on these properties which he has just acquired. Therefore, the undersigned John B. Rigg respectfully requests that the suspension period be extended until September 1, 1958, and that he not be required to conduct operations pursuant to the contract on the properties until that date.

Respectfully submitted,

GENERAL MINERALS CORPORATION

By D. G. Matthews III
Vice President

John B. Rigg

ASSIGNMENT OF LEASE

KNOW ALL MEN BY THESE PRESENTS: That GENERAL MINERALS CORPORATION, a Maryland corporation, with offices at Meadows Building, North Central Expressway, Dallas 6, Texas, in consideration of TEN DOLLARS ($10.00) and other valuable considerations, the receipt and sufficiency of which are hereby acknowledged, does hereby assign, convey and transfer to JOHN B. RIGG, his heirs, personal representatives and assigns, that certain Agreement of Lease between The Reynolds-Morse Corporation and B. T. Poxson, as lessor, and General Minerals Corporation, as lessee, dated February 1, 1956, recorded in Book 243 at Page 45 of the records of Rio Grande County, Colorado, covering certain mining claims situated in the Summit Mining District, Rio Grande County, Colorado, more particularly described in said Agreement of Lease, reference being hereby made to said Agreement of Lease and to the record thereof for all purposes.

TO HAVE AND TO HOLD the above described Agreement of Lease unto the said John B. Rigg, his heirs, personal representatives and assigns.

By his execution hereof, John B. Rigg hereby assumes all of the duties and obligations of General Minerals Corporation under the aforesaid Agreement of Lease and agrees to indemnify and hold harmless General Minerals Corporation from any claims or liabilities arising under said Agreement of Lease, or by virtue of operations conducted thereunder, and agrees to assume the payment of ail ad valorem taxes for the year 1958.

The undersigned expressly recognize and provide hereby for the preservation of the United States Government's right to a percentage royalty on production from the mining claims subject to the aforesaid Agreement of Lease and a lien upon said production and the Lessee's interest in the claims, under and by virtue of the provisions of DMEA Contract No. Idm-E 1107 issued in Docket No. DMEA-4643 to General Minerals Corporation dated July 15, 1957.

IN WITNESS WHEREOF, this Assignment is executed by the undersigned parties on this 28th day of July, 1958.

GENERAL MINERALS CORPORATION

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

John B. Rigg
Assignee

STATE OF COLORADO)
) ss.
City and County of Denver)

The foregoing document was acknowledged before me this 28th day of July, 1958, by S. Y. Guthrie, III, as Vice-President of General Minerals Corporation.

Witness my hand and official seal.

My commission expires October 24, 1960

Mary Beth
Notary Public

STATE OF COLORADO }
City and County of Denver } ss.

The foregoing document was acknowledged before me this 26th day of July, 1958, by John B. Rigg.

Witness my hand and official seal.

My commission expires October 29, 1960

Mary Fitz
Notary Public

25th New Customhouse
Denver 2, Colorado

July 17, 1958

RECEIVED
JUL 18 1958
Div. of Mineral Technology
BUREAU OF MINES
nver Experiment Station
Denver, Colorado

VIA CERTIFIED AIR MAIL

Mr. S. Y. Guthrie, III, Vice President
General Minerals Company
Mercantile Building
Dallas 6, Texas

Re: Docket No. [illegible]-463 (Co-Fe)
Contract No. IAm-[illegible]107
General Minerals Corporation
(Summitville mine)
Rio Grande County, Colorado

Dear Mr. Guthrie:

Please advise this office by return mail whether work under the subject contract was resumed on or before July 15, 1958, as required by Amendment No. 3; and if so, furnish the date of resumption. Also, please include information regarding your plans for future work under the contract.

Yours very truly,

Original signed by
J. W. TOWNSEND

J. W. Townsend
Alternate Acting Executive Officer
BMSA Field Team, Region III

cc: Mr. John B. Rigg,
Exploration Superintendent
Grand Junction, Colorado

JDC:bh
cc: Chmn. Op. Comm. (2)
Hartshman
BMSA/BFC
Corres. File, Reg. III
Cooper
Chron.

EWB

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 is a copy of a letter from the subject Operator, dated July 3, 1958, whereby the Operator informed this office that there will be no need for a field inspection until August 1, 1958, at the earliest.

J. W. Townsend

Enclosure

JDC:hmh

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

DMEA
DEPARTMENT OF THE INTERIOR
JUL 7 - 1958
REGION III
DENVER, COLORADO

General Minerals Corporation
P. O. Box #446
Grand Junction, Colorado
July 3, 1958

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

RE: Docket No. DMEA 4643 (Copper-Lead)
Contract Idm-E1107, General Minerals Corp.
Summitville Mine, Rio Grande Co., Colorado

Dear Mr. Townsend:

Relative to conversations with Mr. E. N. Marshman and Mr. E. D. Buell on June 26, 1958, please be informed that there will be no need for a field inspection under the above named DMEA contract until the first of August at the earliest.

Very truly yours,

John B. Rigg

COPY

Eu3

DMEA
DEPARTMENT OF THE INTERIOR

JUN 26 1958
REGION III
DENVER, COLORADO

P. O. Box 360
Grand Junction, Colorado

June 25, 1958

Memorandum

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

From: H. F. Robertson

Subject: Docket No. DMEA 4643 (Copper-Lead), Contract Idm-E 1107, General Minerals Corporation (Summitville mine), Rio Grande County, Colorado. Drill hole A-1-4, T-1-1, and T-1-2.

Enclosed are the geologic logs of holes A-1-4, T-1-1, and T-1-2. The core from the holes was obtained from John B. Rigg and was logged by DMEA geologist, F. R. Shawe, as requested by your memorandum of April 25, 1958. Data concerning core recovery in hole A-1-4 was included in my memorandum of May 2, 1958.

The core is still stored at the DMEA office at Grand Junction. If you have no further need to keep the core, notify us as soon as possible and we will discard it.

H. F. Robertson

H. F. Robertson,
Mining Engineer

RECEIVED
JUL 3 - 1958
Div. of Mineral Technology
BUREAU OF MINES
Denver Experiment Station
Denver, Colorado

HFR/bh
Enclosures (geologic logs)

6-30-58
copies distributed to:
Harshman
Omeo/Ofc
curves file

No action required.
Mineral [illegible]
Docket office logs are
[illegible]

0-41	6.0' core	Gray fragmental volcanic rock (lapilli tuff) highly kaolinized with scattered traces of Cu-Pb-Fe sulfides in seams up to ¼" that cut core at 45°±.
41-44	1.4' core	Silicified gray volcanic rock with many small vugs up to ¼". Trace Pb-Cu-Fe sulfides. Rock probably originally a lapilli tuff.
44-45	1.0' core	same as 41'-44'
45-48	3.0' core	Gray lapilli tuff, not as highly altered as 0-41' and with many vugs up to ½". Clay pseudomorphs after feldspar from 1 mm to ¼" are prominent as are angular rock fragments (apparently same rock type) up to 1" across.
48-57	1.9' core	Same rock as 45-58 but kaolinization is more intense and few vugs present. Clay after feldspar still apparent, but fragments are faint. Trace Fe sulfide.
57-67	2.3' core	same as 48-57
67-77	4.5' core	same as 48-57
77-87	4.6' core	same as 48-57
87-97	5.1' core	same as 48-57
97-116	no core	see assays.
116-118	2' core	Gray silicified volcanic rock with Cu-Pb-Fe sulfides vuggy as in the interval 41'-45'. Probably same original rock as 0-97'.
118-119	1' core	same as 116-118
119-120	1' core	same as 116-118
120-122	2' core	same as 116-118
	Interval 118-122 looks like core has been split.	
122-123	0.4' core	Gray lapilli tuff kaolinized and slightly silicified trace of finely disseminated Fe sulfide.
123-127	2.2' core	same as 122-123

A-1-4 (con't.)

127-132	2.0' core	Gray kaolinized lapilli tuff (?) ghost fragments much smaller than previously noted ($\frac{1}{4}$"), quartz grains up to 1/8" are present.
132-152	no core	
152-157	4.2' core	Same as 127-132. Degree of kaolinization increases toward bottom.
157-158	1.0' core	Clay - all relics of original rock destroyed.
158-163	1.6' core	same as 157-158
163-168	1.4' core	Trace Cu at 168'.
168-169	0.3' core	Same as 157-158. Trace of Cu.
169-169.3	0.3' core	Same as 157-158. Trace of Cu.
169.3-170.3	0.5' core	Same as 157-158. No Cu.
170.3-172	1.7' core	Same as 152-157
172-174	1.4' core	same as 152-157
174-176	1.0' core	same as 152-157
176-178	1.6' core	Clay,rock has lost coherency probably alleration from same rock as 152-157. Melanterite present.
178-181	1.4' core	same as 176-178
181-184	2.0' core	same as 176-178
184-185	1.0' core	same as 152-157
185-188	2.4' core	same as 152-157
188-190	2.0' core	same as 152-157

The rocks penetrated by this hole (A-1-4) are called latite by the operator and may well be latite. The presence of quartz in some intervals suggests the possibility of some phydites.

T-1-2

189-196	1.8' core	Gray crystal tuff with some small fragments of other rock. Large, up to ½" feldspar crystals now completely kaolinized, vuggy in places. Trace of scattered Cu-Pb sulfides.
196-206	5.4' core	Same as above with zone of vuggy silicified material with Cu-Pb sulfides at about 198-199'.
206-221	no core	
221-231	4.7' core	Same as above except groundmass is also kaolinized.
231-233	.6' core	same
233-296	no core	
296-301	4.6' core	same - Pb-Cu sulfide at 298.7-299.2
301-303.5(?)	2.5' core	same

T-1-1

304(?)-306	.6' core	same kaolinized rock as in previous hole.
306-316	5.0' core	same
316-358	no core	
358-367	2.0' core	same
367-371	2.3' core	same
371-390	no core	
390-390.2	.2' core	same

These two logs (T-1-2 and T-1-1) may represent different intervals of the same hole; there is apparent continuity of footage and lithology between the two sets of logs (T-1-2 followed by T-1-1). All of the rock penetrated was an altered fragmental volcanic rock. Some small variations of mineralogy and texture were noted, but, because of the poor core recovery, large gaps of no core, and the uncertainty of the core markings, these small variations were not logged. The core, as it now is, is useless for anything other than showing the general type of rock and the type of alteration that was encountered.

EWB

224 New Customhouse
Denver 2, Colorado
June 23, 1958

RECEIVED
JUN 24 1958
Div. of Mineral Technology
BUREAU OF MINES
Denver Experiment Station
Denver, Colorado

Memorandum

To: Chairman, Operating Committee, DMEA

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 Government's and Audit copies of Amendment No. 3 to Contract Idm-E1107, which has been executed to extend the suspension of operations to end not later than July 15, 1958.

Copies of the Amendment have been distributed to the Operator; the Finance Office, Region III; and to others concerned.

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

Enclosures

JDC:hmh

cc: Fin. Off.,Reg.III
Harshman
DMEA/DFC (Buel)
Corres.file,Reg.III
Cooper
Chron
} w/copy of Amendment No. 3

EXPLORATION PROJECT CONTRACT
GENERAL MINERALS CORPORATION
DOCKET NO. DMEA 4643
CONTRACT NO. I4m-41107

AMENDMENT NO. 3

It is agreed this 17th day of June 1958, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and General Minerals Corporation, hereinafter called the "Operator," parties to that certain Exploration Project Contract No. I4m-41107, Docket No. DMEA 4643, dated July 15, 1957, hereinafter called the "Contract," that:

1. The suspension of work under the contract provided for under item 1(a) of Amendment No. 2, ending not later than June 1, 1958, is extended to and not later than July 15, 1958.

This amendment shall not be construed to increase the estimated total cost of the project, the aggregate amount which the Government may be required to contribute, the fixed unit cost of any item of work, nor any item of allowable cost which is expressly designated "maximum."

Executed in quintuplicate the day and year first above written.

GENERAL MINERALS CORPORATION

By s/ S. Y. Guthrie, III

Title Vice President

(Seal)

UNITED STATES OF AMERICA

Original signed by
J. W. TOWNSEND

By

Alternate Acting Executive Officer, DMEA Field Team, Region III

224 New Customhouse
Denver 2, Colorado

June 17, 1958

RECEIVED
JUN 18 1958
Div. of Mineral Technology
BUREAU OF MINES
Denver Experiment Station
Denver, Colorado

Mr. John B. Rigg
General Minerals Corporation
P. O. Box 446
Grand Junction, Colorado

Re: Docket No. DMEA 4643 (Copper-Lead)
Contract Idm-X1107
General Minerals Corporation
(Summitville mine)
Rio Grande County, Colorado

Dear Mr. Rigg:

Enclosed are the Government's, Audit, Operator's, Finance Office, and Field Team copies of proposed Amendment No. 3 to Contract Idm-X1107, which we have prepared in reference to your letters of June 13, 1958 and June 16, 1958, to extend the suspension of operations to and not later than July 15, 1958.

If the Amendment is satisfactory, all copies are to be signed by an official of General Minerals Corporation authorized to sign such an instrument, the signer's title inserted, the corporate seal affixed, and all copies promptly returned to this office; upon receipt of which and after signature by the Executive Officer, DMEA Field Team, Region III, for the Government, the "Operator's copy" will be returned to you.

Very truly yours,

Original signed by
J. W. TOWNSEND

J. W. Townsend
Alternate Acting Executive Officer
DMEA Field Team, Region III

Enclosures

JDC:jy
cc: Chm. Op. Comm. - 2
Harshman
DMEA, DFC (Buel)
Corres. file, Reg. III
Townsend
Chron.
} w/copy of Oper. ltrs. of 6/13/58 & 6/16/58

JOHN B. RIGG
General Minerals Corporation
P. O. Box 446
Grand Junction, Colorado

June 16, 1958

DMEA
DEPARTMENT OF THE INTERIOR
JUN 17 1958
REGION III
DENVER, COLORADO

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

Re: Docket No. DMEA 4643 (Copper-Lead)
Contract Idm-N1107
General Minerals Corporation
(Summitville mine)
Rio Grande County, Colorado

Dear Mr. Townsend:

Please refer to your letter of June 12th concerning Contract Idm-N1107. General Minerals Corporation request an Amendment to extend the suspension of work under the above-named contract until July 15, 1958.

This suspension is requested in order that we might facilitate opening camp so that the contract might be resumed.

Very sincerely yours,

John B. Rigg

JBR:n

cc: S. Y. Guthrie III
Vice President
General Minerals Corporation
Meadows Building
Dallas 6, Texas

COPY

GENERAL MINERALS CORPORATION
P. O. Box 446
Grand Junction, Colorado
June 13, 1958

DMEA
DEPARTMENT OF THE INTERIOR
JUN 16 1958
REGION III
DENVER, COLORADO

Mr. E. N. Harshman
U.S. Department of the Interior
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

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

Dear Mr. Harshman:

Please be advised that the above DMEA contract was to have been re-opened for work on June 1, 1958 per our previous correspondence. Attempts have been made to re-open the camp since June 1, 1958, but we have been unable to do so. Although our work is continuing at present on the access roads I am quite sure that we will not be able to undertake any work under Contract No. Idm-E1107 until July 1 as the earliest date.

Therefore, it is our request that this contract be continued in recess until July 1, 1958.

Very truly yours,

John B. Rigg

JBR:jh
CC: Mr. S. Y. Guthrie III

GENERAL MINERALS CORPORATION
P. O. Box 446
Grand Junction, Colorado

June 6, 1958

DMEA
DEPARTMENT OF THE INTERIOR
JUN 9 - 1958
REGION III
DENVER, COLORADO

Mr. E. N. Harshman
Acting Executive Officer
DMEA Field Team, Region III
United States Department of the Interior
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

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

Dear Mr. Harshman:

I wish to apologize for not answering your letter of May 8 earlier concerning our map dated October 11, 1956 entitled "EXPLORATION TEWKSBURY VEIN - IOWA TUNNEL."

I have been waiting the return of Dr. Richard V. Gaines to Grand Junction from an extended trip through the east in order that I might consult with him concerning our work on the Iowa Tunnel - Tewksbury Vein. Dr. Gaines will be in Grand Junction this weekend, and I shall hope to have the information you requested to you next week.

Thank you for your courtesy in waiting for this information.

Yours very truly,

John B. Rigg
Exploration Superintendent

JBR: jh

RECEIVED
JUN 18 1958
Div. of Mineral Technology
BUREAU OF MINES
Denver Experiment Station
Denver, Colorado

Copies Distributed to:
Chron Op. Company (2)
Harshman
Hosler
DMEA, G. Jct.
DMEA, DFC
Tonnes
Lowes, Field, Reg. III

1-65

25A Rev Customhouse
Denver 2, Colorado
June 12, 1958

RECEIVED

Div. of Mineral Technology
BUREAU OF MINES
Denver Experiment Station
Denver, Colorado

Mr. John B. Rigg
General Minerals Corporation
P.O. Box 446
Grand Junction, Colorado

Re: Docket No. BMEA 46A3 (Copper-Lead)
Contract Idm-81107
General Minerals Corporation
(Summitville mine)
Rio Grande County, Colorado

Dear Mr. Rigg:

Please inform this office by return mail as to whether work under Contract Idm-81107 was resumed on or before June 1, 1958, as required under the provisions of Amendment No. 2.

If, for reasons beyond your control, project work was not resumed on or before June 1, 1958, you should immediately forward to this office for consideration by the Government, the original and five copies of a request for an Amendment to extend the suspension of work for such specific additional time as you anticipate the project will be resumed.

Yours very truly,

Original signed by
J. W. TOWNSEND
J. W. Townsend
Alternate Acting Executive Officer
BMEA Field Team, Region III

JBC:hmh
cc: Chem. Op. Comm. (2)
Harshman
Hasler
G.Jct./BMEA
BMEA/DFC
Townsend
Corres.file, Reg. III
Chron
cc: J. Y. Guthrie, III, Vice President
General Minerals Corporation
Meadows Building
Dallas 6, Texas

Ewb

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

224 New Customhouse
Denver 2, Colorado
May 8, 1958

RECEIVED
MAY 12 1958
Div. of Mineral Technology
BUREAU OF MINES
Denver Experiment Station
Denver, Colorado

Memorandum

To: DMEA/DFC - E. W. Buel

From: 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 is one copy of a memorandum from H. F. Robertson, Mining Engineer, Bureau of Mines, with attached Table 1, which contains data on the core recovered from hole A1-4 which was drilled under the subject contract. The hole has not as yet been logged lithologically by DMEA geologist; however, Mr. Robertson reports that the lithology is in essential agreement with the lithologic logs submitted by the Operator.

E. N. Harshman

E. N. Harshman

Enclosure

JDC:hmh

cc: Harshman)
Townsend)w/copy of enclosures
Corres.file,Reg.III)
Chron

DMEA
DEPARTMENT OF THE INTERIOR
MAY 6 1958
REGION III
DENVER, COLORADO

P. O. Box 360
Grand Junction, Colorado

May 2, 1958

Memorandum

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

From: H. F. Robertson

Subject: Docket No. DMEA 4643 (Copper-Lead), Contract Idm-E 1107, General Minerals Corporation (Summitville mine), Rio Grande County, Colorado. First stage drill hole A1-4.

The core from the subject hole was obtained from John B. Rigg and is now stored at the DMEA office at Grand Junction. In addition to the core, we have a copy of a narrative report for the period December 1-December 22, 1957, a copy of the operator's lithologic log of Hole A1-4, and pulp samples A-1-4-1 through A-1-4-12. It is noted that the operator lists only six samples, A-1-4-6 through A-1-4-11, out of the 12.

A comparison of the operator's lithologic log and the core actually present in the boxes indicates that the cored intervals, amounts recovered, and lithologic descriptions are essentially correct as reported. The highly fractured condition of most of the core prohibits exact agreement as to amount of core recovered in any specific run. Don Elston will, as soon as time permits, log the core geologically and submit the results to the Denver DMEA office.

H. F. Robertson

H. F. Robertson,
Mining Engineer

HFR/bh
Enclosure (table)

Table 1.--Data on core recovered from Hole A-1-4
Contract Idm-E 1107, General Minerals Corp.

	Interval From		To	Core Recovered Feet	Percent	Total core per box
Box No. 1	0	-	41	6.0	14.6	7.3
	41	-	44	1.3	43.3	
Box No. 2	44	-	45	0.8	80.0	9.2
	45	-	48	2.8	93.3	
	48	-	57	1.7	18.9	
	57	-	67	2.3	23.0	
	67	-	69	1.6	80.0	
Box No. 3	69	-	77	2.4	30.0	8.4
	77	-	87	4.3	43.0	
	87	-	89	1.7	85.0	
Box No. 4	89	-	97	2.3	28.8	7.3
	97	-	116	Plug bit - no core		
	116	-	118	2.0	100.0	
	118	-	119	1.0	100.0	
	119	-	120	0.5	50.0	
	120	-	122	1.0	50.0	
	122	-	123	0.5	50.0	
Box No. 5	123	-	127	1.3	32.5	8.2
	127	-	132	1.9	38.0	
	132	-	152	no core recovery		
	152	-	157	4.0	80.0	
	157	-	158	1.0	100.0	
Box No. 6	158	-	163	1.7	34.0	8.6
	163	-	168	1.3	26.0	
	168	-	172	3.2	80.0	
	172	-	174	1.4	70.0	
	174	-	176	1.0	50.0	
Box No. 7	176	-	178	1.5	75.0	8.2
	178	-	181	1.4	46.7	
	181	-	184	1.3	43.3	
	184	-	188	3.0	75.0	
	188	-	189	1.0	100.0	
Box No. 8	189	-	190	1.0	100.0	1.0
Core Recovery	0	-	97	27.2	28.0%	
Core Recovery	116	-	190	31.0	41.8%	

EWB

RECEIVED
MAY 12 1958
Div. of Mineral Technology
BUREAU OF MINES
Denver Experiment Station
Denver, Colorado

224 New Customhouse
Denver 2, Colorado
May 8, 1958

Mr. John B. Rigg, Exploration Superintendent
General Minerals Corporation
P. O. Box 445
Grand Junction, Colorado

Re: Docket No. BMSA 4643 (Copper-Lead)
Contract Idm-Elio7
General Minerals Corporation
(Summitville mine)
Rio Grande County, Colorado

Dear Mr. Rigg:

Reference is made to your map dated October 11, 1956, entitled "EXPLORATION TECHNBURY VEIN - IOWA TUNNEL", on which BMSA holes T1-1 and T1-2 have been plotted in plan and section. We are unable to reconcile Section A-A' with the drilling results submitted with your revised report and voucher for the period, October, November, and December, 1957.

In Section A-A' the Technbury vein is shown to dip approximately 75° from the horizontal, in which case the vein should have been encountered at a more shallow depth in hole T1-1 than is indicated.

It appears that Company holes 1 and 2 have been projected into the section and are not shown in their true length, whereas BMSA holes T1-1 and T1-2 are plotted true length. It also appears that the Technbury vein as shown in Section A-A' has been plotted by joining (1), the Technbury vein at the Iowa Tunnel, with (2), the intersection of the Technbury vein in Company holes 1 and 2. The true dip of the vein cannot be obtained in this manner.

We request that a new section be prepared, showing Company drill holes and BMSA drill holes in their proper relationship with the Technbury vein. We believe that this can best be accomplished by plotting the section perpendicular to the strike of the Technbury vein and correcting the drill hole lengths for projection into the section.

The allowability of drilling in Holes T1-1 and T1-2 is dependent upon reconciliation with the data submitted by you; therefore, we request that the original and four copies of the revised section be submitted to this office as soon as possible.

Yours very truly,

Original signed by
E. N. HARSHMAN

E. N. Harshman
Acting Executive Officer
DMEA Field Team, Region III

JDC:hmh

cc: Chmn. Op. Comm. (2)
Harshman
Hasler
DMEA/DFC
DMEA/G.Jct.
Townsend
Corres.file, Reg. III
Chron

EWB

RECEIVED
MAY - 7 1958
Div. of Mineral Technology
BUREAU OF MINES
Denver Experiment Station
Denver, Colorado

224 New Customhouse
Denver 2, Colorado
May 6, 1958

Memorandum

To: Chairman, Operating Committee, DMEA

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

Subject: Docket No. DMEA 4643 (Copper-Lead), Contract No. Idm-N1107, General Minerals Corporation (Summitville mine), Rio Grande County, Colorado

Enclosed are three copies of denial of Government participation in the costs of work proposed for the Hawksbury-McDonald Vein Area under Stage II of the contract.

Also enclosed are three copies of a joint memorandum, dated April 29, 1958, from D. H. Richter, Geologist, Geological Survey, and E. W. Basl, Mining Engineer, Bureau of Mines, pertaining to the matter.

Copies of the denial of the Operator's request have been distributed to the Operator, the Finance Office, and others concerned in Region III.

Original signed by
E. N. HARSHMAN

E. N. Harshman

Enclosures

JWT:prl

cc: Finance Office, Reg. III - w/copy of denial.
Harshman) w/copy of denial and joint
DMEA/DPC-Basl) field memorandum.
Corres. file)
Townsend
Chron.

[illegible] New Customhouse
Denver 2, Colorado
May 6, 1958

Mr. John B. Rigg
General Minerals Corporation
P. O. Box 446
Grand Junction, Colorado

Re: Docket No. DMEA 4643 (Copper-lead)
Contract No. Bm-Ei07
General Minerals Corporation
(Summitville mine)
Rio Grande County, Colorado

Dear Mr. Rigg:

Reference is made to your undated letter and attached data, received in this office March 17, 1958, which constitute your request for the Government's approval of the drifting provided for in the Tomboury-McDonald Vein Area under Stage II of the Contract.

Review of the information submitted by you and other data presently available to this office indicates that the possibility of disclosing a significant quantity of copper-lead ore by the drifting proposed is too remote to warrant Government participation in the costs of the work. Therefore, we regret to advise that the Government's approval for the drifting proposed to extend the South Tomboury drift on the Reynolds level is denied.

Very truly yours,

DMEA Field Team, Region III

Original signed by
E. N. HARSHMAN
By
E. N. Harshman

Original signed by
J. W. TOWNSEND
By
J. W. Townsend
Acting Member

cc: Mr. F. T. Carbarts III
Vice President
General Minerals Corporation
Meadows Building
Dallas 6, Texas

JWT:jrl

cc: Chem. Op. Comm. (3)
Finance Office, Reg. III
Amendment file, Reg. III
Harshman
DMEA/DFC (Rmi) ✓

Corres. file
Townsend
Chron.

IN REPLY REFER TO:

DMEA
DEPARTMENT OF THE INTERIOR
MAY 1 - 1958
REGION III
DENVER, COLORADO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Defense Minerals Exploration Administration
Denver Federal Center
Denver, Colorado

DFC/Bud

April 29, 1958

Memorandum

To: Acting Executive Officer, DMEA Field Team, Region III
Through: E. N. Harshman EWH

From: D. H. Richter
E. W. Buel

Subject: DMEA Docket 4643 (Copper), Contract Idm-E 1107, General Minerals Corp. (Summitville mine), Rio Grande County, Colorado

The operator on March 17, 1958, submitted an analysis of Stage I work in the Tewksbury-McDonald vein area and a request for the Government's approval of work under Stage II in the area as outlined under the contract provisions. The drill logs for holes drilled in the Tewksbury-McDonald vein area, which were necessary to evaluate the operator's request, were not received until April 23, 1958.

Stage I drilling in the Tewksbury-McDonald vein area was designed to explore the vein approximately 300 feet (maximum) below the Iowa level. In the event that the drilling encountered favorable structure or mineralization at that depth, Stage II authorized the extension of the Tewksbury drift on the Reynolds level (approximately 550 feet below the Iowa level) southerly for 500 feet.

The operator has drilled five holes from the Iowa level to explore the Tewksbury vein below the Iowa level. Holes no. 1 and 2 and T-I-3 were drilled at company expense, and holes T-I-1 and T-I-2, with an authorized maximum footage of 900 feet, were drilled under the

contract. In the general section of the Tewksbury vein cut by holes 1, 2, and T-I-1 and in the general section 100 feet southeast cut by holes T-I-2 and T-I-3, the following information is available:

Hole no.	Vertical depth to Tewksbury vein intersection below the Iowa level	Width of vein	Assay
Tewksbury drift	0	Stoped	Stoped
No. 1	120'	17'	4.40% Cu, 5.40 oz. Ag, 0.31 oz. Au
No. 2	138'	8'	2.23% Cu, 1.71 oz. Ag, 0.11 oz. Au
T-I-1	248'	18'	0.73% Cu, 0.8 oz. Ag, 0.03 oz. Au
T-I-3	130'	4'	Minor pyrite
T-I-2	Expected at approx. 250', but no actual intersection reported. Hole may not have been cored through interval of expected intersection.		

Although it is obvious that the two DMEA holes, together with the company's holes, are not conclusive in regards to continuity of the Tewksbury vein at depth, they do furnish information that indicates a definite decrease in ore mineral content from the Iowa level to a depth of approximately 250 feet. Justification for the Stage II drifting is therefore lacking, and it is recommended that this portion of Stage II as provided for under the contract be denied.

D. H. Richter

D. H. Richter, Geologist

E. W. Buel

E. W. Buel, Mining Engineer

DHRichter:arh

EWB

224 New Customhouse
Denver 2, Colorado
April 25, 1958

RECEIVED
APR 28 1958
School of Mines of Technology
BUREAU OF MINES
Experiment Station
Denver, Colorado

Memorandum

To: M. H. Salsbury

J. W. Hasler

From: 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

With the exception of hole A1-4, all core from the subject project has been inspected by personnel from the Denver office. The core from hole A1-4 is stored at Grand Junction, at the residence of John B. Rigg, Exploration Superintendent, for General Minerals Corporation. Mr. Rigg can be contacted by telephone at Chapel 2-2346.

In order to save the expense of a field trip from the Denver office for the express purpose of examining the core from hole A1-4, we request that the inspection be made by DMEA personnel stationed at Grand Junction, and that a lithologic log of the cored sections of the hole be forwarded to this office as soon as possible.

Original signed by
E. N. HARSHMAN

E. N. Harshman

JDC:hmh

cc: Harshman
DMEA/DFC
Townsend
Corres.file, Reg. III
Chron

ewB

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
224 New Customhouse
Denver 2, Colorado

March 18, 1958

RECEIVED
MAR 19 1958
Div. of Mineral Technology
BUREAU OF MINES
Experiment Station
Denver, Colorado

Memorandum

To: E. N. Harshman - w/enclosure
DMEA/DFC (Buel) - " "

From: Executive Officer, DMEA Field Team, Region III

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

Enclosed is a copy of a Report on Operations, Summitville Mine, Rio Grande County, Colorado, submitted by the Operator that was received in this office March 17, 1958, which constitutes an analysis of Stage I work in the Tewksbury-McDonald Vein Area and request for the Government's approval of work under Stage II as outlined in the contract.

Please submit a joint memorandum report containing your recommendations relative to the Operator's request.

W. H. King

W. H. King

JWT:prl

cc: Chmn.Op.Comm.-2 } w/copy of
Corres. file } enclosure.
Townsend
Chron.

Re: Docket SMEA 4643 (Copper-Lead)
Contract Idm 21107

REPORT ON OPERATIONS, SUCCESSVILLE MINE, RIO GRANDE, COLORADO

COMPLETION OF STAGE I, TEWKSBURY VEIN
and REQUEST FOR APPROVAL OF STAGE II

As covered in previous report of November, 1957, the two diamond drill holes T-I-1 and T-I-2 were completed from the Drill Station, Iowa Level. See attached map.

Results on assays showed Hole T-I-1 to have a weighted Average in depth 323'-350' of the following:

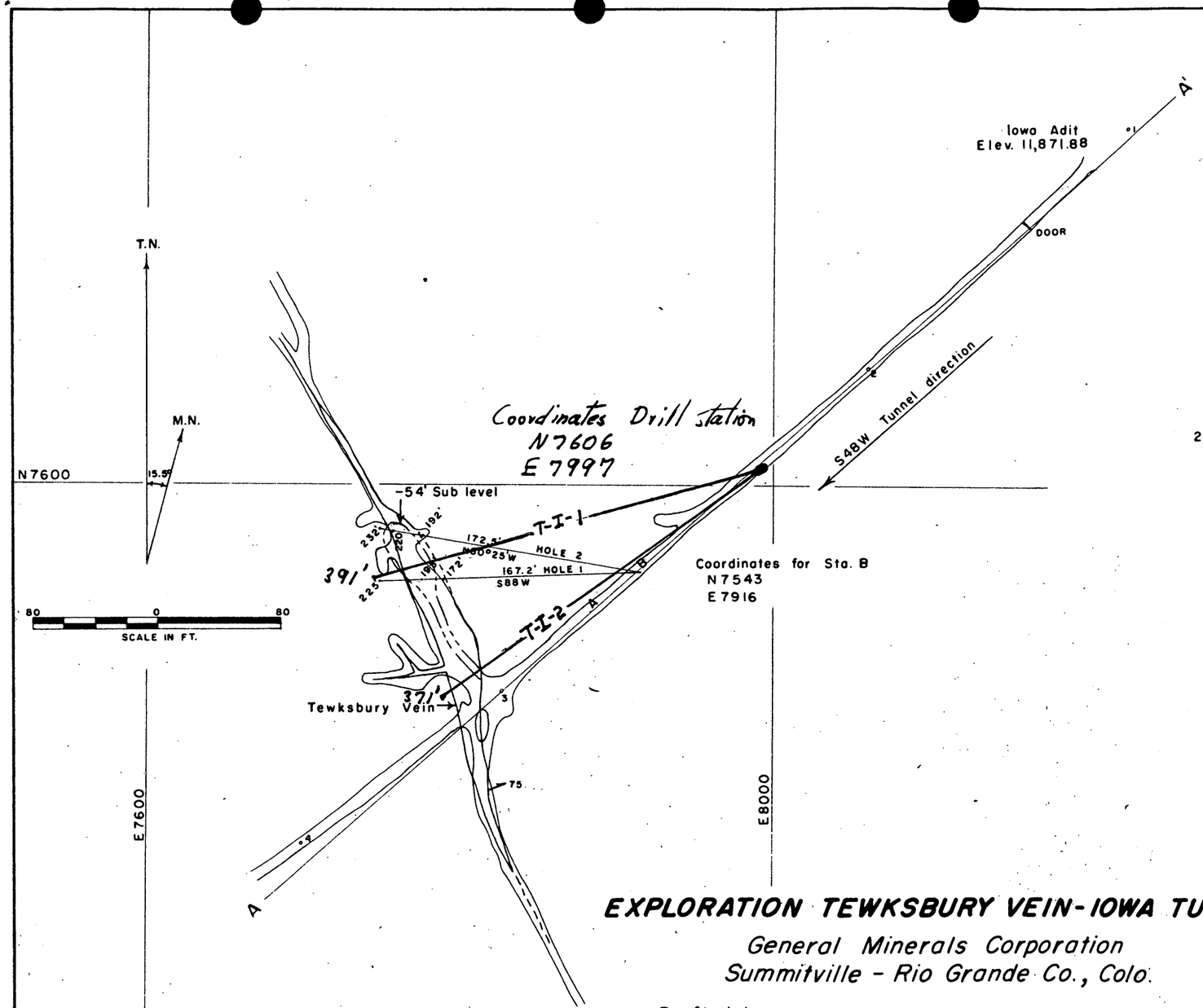
Au oz	Ag oz	Cu %
.034	3.0	.73

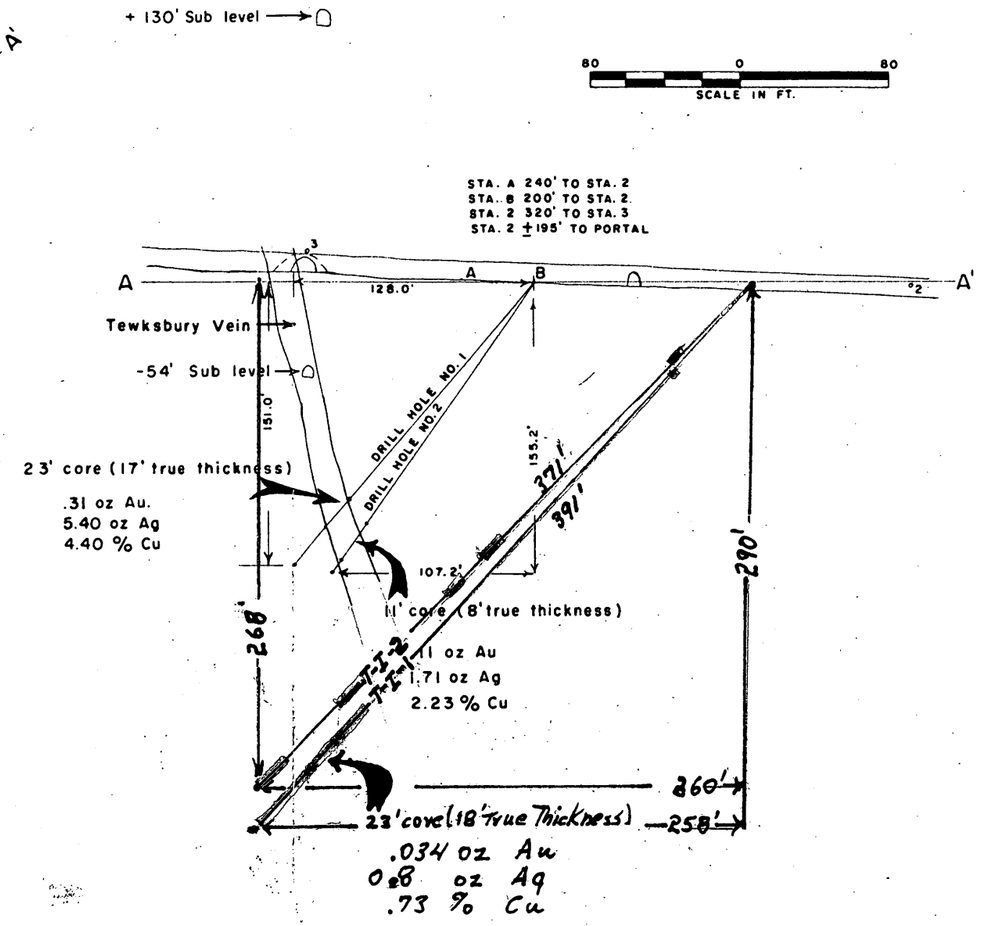
The true thickness represented by this vein was about 10'. The core splits are stored at the Denver Federal Center, Denver, Colorado.

No assays were made on Hole T-I-2 in the Tewksbury Vein area because core was not recovered by the contractors, Boyles Bros. Drilling Co. However, since no vein was intersected on Hole T-I-3, drilled directly above Hole T-I-2, it is our presumption that the vein either has a "horse" of waste in the area, that the vein veers to the southeast, or that the vein is displaced.

Results, however, were encouraging in T-I-1 and it is our request that Stage II, Tewksbury Vein, be approved. Actual start of performance will not commence until June, 1958.

John R. Riggs





EXPLORATION TEWKSBURY VEIN-IOWA TUNNEL

General Minerals Corporation
Summitville - Rio Grande Co., Colo.

Completed Footage November-1957

Hole No.	Total Depth	Bearing	Dip
T-I-1	391.0'	S54W	48°
T-I-2	371.0'	S74W	46°

Drafted by
W. P. Burger

Oct. 11, 1956

GMC 1/30/58 JRR

EW3

224 New Customhouse
Denver 2, Colorado
April 2, 1958

RECEIVED
APR 3 1958
Bureau of Mines Technology
BUREAU OF MINES
Experiment Station
Denver, Colorado

CERTIFIED MAIL

Mr. S. Y. Guthrie, III, Vice President
General Minerals Corporation
Meadows Building
Dallas 6, Texas

Re: Docket No. DMEA 4043 (Copper-Lead)
Contract Idm-E1107
General Minerals Corporation
(Summitville mine)
Rio Grande County, Colorado

Dear Mr. Guthrie:

Forms MF-104, Operator's Monthly Report and Voucher, and Forms MF-104A, Operator's Unit Cost and Progress Report, for the months of October, November and December 1957, have been reviewed by DMEA field personnel and by this office. Units and costs for the work performed have not been properly reported; therefore, the voucher and accounting forms are not acceptable for processing.

We are returning herewith all copies of the voucher and accounting forms, together with a sample copy of each form which has been prepared to illustrate the proper method of reporting units and costs. Seven blank copies of each form are also enclosed for your use in preparing a revised report combining all of the work during October, November and December, 1957.

The following items were not included when you submitted the reports to this office; therefore, please include these items when the revised forms are returned.

1. Plan map showing locations of holes T1-1 and T1-2.

2. Lithologic logs for holes T1-1 and T1-2. The Narrative Report for November 1957, states that the two logs are appended; however, a search of all copies of the reports has failed to disclose the logs.

Hole T1-3 was drilled at company expense; however, a copy of the lithologic log for this hole is also requested to provide additional information in conjunction with your request for Stage II work in the Tewksbury-McDonald vein area.

Please submit the signed original and four signed copies of revised voucher and accounting Forms MF-104 and MF-104A for the period, October, November and December 1957, to this office as soon as possible, together with five copies of the required plan map and lithologic logs.

Yours very truly,

Original signed by
E. N. HARSHMAN
E. N. Harshman
Acting Executive Officer
DMEA Field Team, Region III

Enclosures

cc: John B. Rigg - w/ copy Sample Forms and 7 blank copies each form.
P.O.Box 446
Grand Junction,
Colorado

JDC:hm

cc: Chmn. Op. Comm. (2)
Harshman
DMEA/DFC (Boel)
Townsend
Cooper
Corres.file, Reg. III
Chron

EWS

RECEIVED
MAR 18 1958
Div. of Mineral Technology
BUREAU OF MINES
Fuels Experiment Station
Denver, Colorado

224 New Customhouse
Denver 2, Colorado
March 17, 1958

Mr. S. Y. Guthrie, III, Vice President
General Minerals Corporation
Meadows Building
Dallas 6, Texas

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

Dear Mr. Guthrie:

Forms MF-104, Operator's Monthly Report and Voucher, for October, November and December, 1957, have been received in this office.

In reviewing the reports we find that only four copies of the Narrative Report for October 1957, were received and that none of the copies had been signed as required. Please submit to this office the signed original of the October Narrative Report entitled, "REPORT ON OPERATIONS AT SUMMITVILLE MINE, October 1 - October 31, 1957."

Enclosed are seven copies each of Form MF-104 and Form MF-104A for use in your next monthly report.

Yours very truly,

Original signed by
W. H. KING

W. H. King
Executive Officer, DMEA
Field Team, Region III

Enclosures

JDC:hmh

cc: DMEA/DFC
Corres file, Reg. III
Chron

EWB

RECEIVED
8 1958
Mineral Technology
BUREAU OF MINES
Experiment Station
Denver, Colorado

224 New Customhouse
Denver 2, Colorado

January 31, 1958

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

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

Reference is made to Amendment No. 2 to the subject contract, which was forwarded by our memorandum of January 28, 1958, and to your letter of January 16, 1958, pertaining thereto, regarding execution of amendments to provide for suspension of operations.

You are correct in your statement that, according to Memorandum No. 18, dated March 9, 1953, this office does not have authority to prepare agreements involving suspension of contract operations. It has been our impression that this Memorandum was superseded in effect by the instructions contained in DMEA Circular 33, dated June 30, 1954.

A review of Order No. 2808 appears to delegate authority for us to modify work periods, including suspension of operations, in accordance with DMEA Circular 33, in so far as the completion date is not in excess of two years from the date originally fixed for the commencement of the work. It has been the policy of this office, based on other instructions, not to execute amendments which would extend completion dates beyond two years from the effective date of the contract, rather than two years from the date fixed for the commencement of the work.

It is possible that our interpretation of these instructions has been incorrect, and clarification of the matter would be appreciated.

Original signed by
W. H. KING

W. H. King

WHK:prl

cc: Harshman
DMEA/DFC (Buel)
Corres. file
Townsend
Chron.

EWB

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

224 New Customhouse
Denver 2, Colorado

January 9, 1958

Mr. John B. Rigg
Exploration Superintendent
General Minerals Corporation
P. O. Box 446
Grand Junction, Colorado

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

Dear Mr. Rigg:

Enclosed are the Government's, Audit, Operator's, Finance Office, and Field Team copies of proposed Amendment No. 2 to Contract No. Idm-E1107, which we have prepared in reference to your letters of December 26, 1957 and January 7, 1958 to provide for suspension of operations from December 24, 1957 to end not later than June 1, 1958.

If the Amendment is satisfactory, all copies are to be signed by an official of General Minerals Corporation authorized to sign such an instrument, the signer's title inserted, the corporate seal affixed, and all copies promptly returned to this office; upon receipt of which and after signature by the Executive Officer, DMEA Field Team, Region III, for the Government, the "Operator's Copy" will be returned to you.

Very truly yours,

Original signed by
W. H. King

W. H. King
Executive Officer
DMEA Field Team, Region III

JWT:prl

cc: Chmn. Op. Comm.-2) w/copy of
Harshman) Operator's
DMEA/DFC (Buel)) letter of
Corres. file) January 7.
Townsend
Chron.

GENERAL MINERALS CORPORATION

P. O. Box 446 • Grand Junction, Colo.

DMEA
DEPARTMENT OF THE INTERIOR
JAN 8 - 1958
REGION III
DENVER, COLORADO

January 7, 1958

COPY

Mr. W.H. King
Executive Officer, DMEA
Field Team, Region III
224 New Customhouse
Denver 2, Colorado

Re: Docket DMEA-1643 (Copper-Lead)
Contract Idm-E1107
General Minerals Corporation
(Summitville mine)
Rio Grande County, Colorado

Dear Mr. King:

Please refer to your letter of December 31, 1957 to Dr. R.V. Caines concerning our request for approval of a recess of operations. The last work under this contract was performed on December 23, 1957. The specific date on or before which the operations will be resumed is June 1, 1958. The suspension of operations will not involve an extension of the date fixed for completion of the work.

Your approval of this request for suspension of operations will be appreciated.

Very truly yours,

John B. Rigg
Exploration Superintendent

JBRgl

GENERAL MINERALS CORPORATION

P. O. Box 446 • Grand Junction, Colo.

EWB

RECEIVED
JAN 9 1958
Div. of Mineral Technology
BUREAU OF MINES
Ser Experiment Station
Denver, Colorado

DMEA
DEPARTMENT OF THE INTERIOR
JAN 8 - 1958
REGION III
DENVER, COLORADO

January 7, 1958

COPY

W. H. King
Executive Officer, DMEA
Field Tea , Region III
224 New Customhouse
Denver 2, Colorado

Dear Mr. King:

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

This is to notify you that all correspondence concerning the above contract at Summitville should be addressed as follows:

John B. Rigg
Exploration Superintendent
General Minerals Corporation
Box 446
Grand Junction, Colorado

Dr. Gaines is no longer with General Minerals in an official capacity, however he will continue as a consultant with us on Summitville and will send the December Progress Report to you.

Very truly yours,

John B. Rigg
Exploration Superintendent

JBR:GL

copies distributed 1-8-58 to
Chmn. Op. comm.
Kershman
Dmey Dfc (Bul)
Zowinski
corres. file, Reg. III
(7)

REGION III

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

Mr. John B. Rigg
General Minerals Corporation
P. O. Box 446
Grand Junction, Colorado

Dear Mr. Rigg,

I will be unable to contact you on January 6, 1958, for an inspection of the Summitville mine because of other DMEA work commitments. I will, however, make every effort to meet you on the following day at the Green and White Station, about 1:00 p. m., if this arrangement is convenient to you, and if you think an inspection is necessary. If not, please contact me by phone or telegram at the Bureau of Mines, Denver Federal Center, before 8:30 a.m. of January 7, 1958.

Sincerely yours,

Edward W. Buel
Mining Engineer

EWB/mw
subject
chron
Idm-E1107

EWB

GENERAL Minerals CORPORATION

GENERAL MINERALS CORPORATION

P. O. Box 446 • Grand Junction, Colo.

MEADOWS BUILDING
DALLAS 6, TEXAS

RECEIVED
DEC 30 1957
N. of Mineral Technology
BUREAU OF MINES
ver Experiment Station
Denver, Colorado

December 26, 1957

Mr. Edward H. Buel, Mining Engineer
U. S. Dept. of Interior
Bureau of Mines, Building 20
Denver Federal Center
Denver 2, Colorado

Dear Hank:

The enclosed copy of our letter to Mr. Harshman, I hope, explains what has happened at Summitville. We froze up completely, something that didn't even happen last year with all the heavy snow, and are unable to live in camp.

We needed the Station III tail raise, and one more round to finish the 50' of drifting on the Chandler Level. Boyles had plugged Hole A I-III to 105' and left their tools, casing, etc. at the location so they may continue in the spring.

Roy Walcott will be at home, 219 Brouh, Monte Vista, Colorado; Phone 302, and I will be in Monte Vista on Monday, January 6th, to take you to Summitville for an inspection. We will then let the road drift shut until spring.

If there is any chance you will not wish to visit Summitville on January 6th, please advise me at Box 446, Grand Junction, Colorado.

Roy Walcott and Dick Gaines join me in wishing you the best during this Holiday Season.

Very truly yours,

Jack Rigg

John B. Rigg
Drill Superintendent

JBRvw
enc.

GENERAL MINERALS CORPORATION

P. O. Box 446 • Grand Junction, Colo.

COPY

December 26, 1957

Mr. L. N. Marshman, Acting Executive Officer
DMEA Field Team, Region III
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

Dear Mr. Marshman:

Re: Docket No. DMEA 4643 (Copper-Lead)
Contract No. Idm - E - 1107
General Minerals Corp.
(Summitville Mine)
Rio Grande Co., Colo.

The weather at Summitville, Colorado, has forced us to cease active exploration under the above named contract until spring. Our entire water system to the boarding house and compressor room has frozen, attributable to the increased moisture content in the ground, leaving us without proper living facilities and adverse fire risk.

Therefore, we request that work under this contract be delayed until April or May, 1958, when the weather will be such that the program can be resumed.

Very truly yours,
GENERAL MINERALS CORPORATION

John B. Sigg, Drill Superintendent

JBS:vw

EW3

224 New Customhouse
Denver 2, Colorado

December 31, 1957

RECEIVED
JAN 2 1958
Div. of Mineral Technology
BUREAU OF MINES
Denver Experiment Station
Denver, Colorado

Dr. Richard V. Gaines,
Manager of Western Operations
General Minerals Corporation
P. O. Box 446
Grand Junction, Colorado

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

Dear Dr. Gaines:

We have at hand a letter from your Mr. John B. Rigg, Drill Superintendent, dated December 26, 1957, requesting approval for a recess of operations until April or May 1958.

It is necessary that provisions for a suspension of operations under the contract be incorporated in an amendment to the contract, signed by parties concerned. Before consideration can be given your request for suspension of operations, the following specific dates are necessary.

1. The date the last work under the contract was performed.

2. The specific date on or before which operations will be resumed.

3. If the suspension of operations will involve an extension of the date fixed for completion of the work, please advise the specific additional time you deem will be necessary to enable you to complete the work provided for in the contract.

Very truly yours,

Original signed by
W. H. KING

W. H. King
Executive Officer, DMEA
Field Team, Region III

JWT:jy
cc: Chm.Op.Comm. -2)
Harshman)w/copy of
DMEA,DFC (Buel))Rigg's ltr.
Corres. file)of 12-26.
Townsend)
Chron.

GENERAL MINERALS CORPORATION

P. O. Box 446 • Grand Junction, Colo.

DMEA
DEPARTMENT OF THE INTERIOR
DEC 30 1957
REGION III
DENVER, COLORADO

COPY

December 26, 1957

Mr. E. N. Harshman, Acting Executive Officer
DMEA Field Team, Region III
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

Dear Mr. Harshman: Re: Docket No. DMEA 4643 (Copper-Lead)
Contract No. Idm - E - 1107
General Minerals Corp.
(Summitville Mine)
Rio Grande Co., Colo.

The weather at Summitville, Colorado, has forced us to cease active exploration under the above named contract until spring. Our entire water system to the boarding house and compressor room has frozen, attributable to the increased moisture content in the ground, leaving us without proper living facilities and adverse fire risk.

Therefore, we request that work under this contract be delayed until April or May, 1958, when the weather will be such that the program can be resumed.

Very truly yours,
GENERAL MINERALS CORPORATION

John H. Rigg, Drill Superintendent

JHRvw

Bucl

224 New Customhouse
Denver 2, Colorado

December 13, 1957

RECEIVED
DEC 16 1957
Div. of Mineral Technology
BUREAU OF MINES
Denver Experiment Station
Denver, Colorado

Dr. Richard V. Gaines
Manager of Western Operations
P. O. Box 446
Grand Junction, Colorado

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

Dear Dr. Gaines:

Reference is made to our letter of November 7, 1957, whereby we forwarded to you the Government's, Audit, Finance Office, and Field Team copies of proposed Amendment No. 1 to Contract No. Idm-E1107 for signature by an authorized official of your corporation.

Since considerable time has elapsed and the executed Amendment has not been returned as requested, nor have we heard from you in the matter, we will appreciate advice by return mail as to your plans relative to execution of the Amendment and performance of the work provided for therein.

Very truly yours,

Original signed by
W. H. KING

W. H. King
Executive Officer
DMEA Field Team, Region III

cc: General Minerals Corporation
Meadows Building
Dallas 6, Texas

JWT:prl

cc: Chmn. Op. Comm. (2)
Marshman
DMEA/DFC-Buel
Corres. file
Townsend
Chron.

EWB

REGION III

Building 20
Denver Federal Center
Denver 2, Colorado
Nov. 27, 1957

General Minerals Corp.
% Green and White Service Station
Monte Vista, Colorado

Attention: Rigg, Gaines, or Wolcott

Dear Sir,

Reference is made to my letter dated Nov. 26, 1957 regarding meeting date. Please meet me on December 2 at 1:00 P. M. instead of December 1, at the Green and White Station.

Very truly yours,

Edward W. Buel
Mining Engineer

EWB/mw
subject
chron

REGION III

Building 20
Denver Federal Center
Denver 2, Colorado
Nov. 26, 1957

General Minerals Corp.
% Green and White Service Station
Monte Vista, Colorado

Attention: Rigg, Gaines, or Wolcott

Dear Sir,

An attempt was made to inspect the DMEA work progress and to contact you during the earlier part of this month. Because of deep snow and your phone being out of order, the inspection could not be made.

I expect to be in Monte Vista on December 1 at 1:00 P. M., baring any unforeseeable delays. If at all possible, I would appreciate having someone contact me at the Green and White Station on that day and time. If this is not possible, please contact me by phone before the meeting date. Call me in care of the Bureau of Mines, Belmont 3 - 3611, Extension 396.

Very truly yours,

Edward W. Buel
Mining Engineer

EWB/mw
subject
chron

EWB

224 New Customhouse
Denver 2, Colorado

RECEIVED
NOV 8 - 1957
Div. of Mineral Technology
BUREAU OF MINES
Denver Experiment Station
Denver, Colorado

November 7, 1957

Dr. Richard V. Gaines
Manager of Western Operations
General Minerals Corporation
P. O. Box 446
Grand Junction, Colorado

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

Dear Dr. Gaines:

Enclosed are the Government's, Audit, Finance Office, and Field Team copies of proposed Amendment No. 1 to Contract No. Idm-E1107, which has been prepared in reference to your letter of October 8, 1957. The Amendment provides for the deleting of two of the drill holes planned for drilling under Stage I in the Annie-Copper vein area and in lieu of the two deleted holes provides for 50 feet of crosscutting and a change in the location of proposed hole A1-5.

If the Amendment is satisfactory, all copies are to be signed by an official of General Minerals Corporation authorized to sign such an instrument, the signer's title inserted, the corporate seal affixed, and all copies promptly returned to this office; upon receipt of which the "Operator's Copy" will be forwarded to you.

Very truly yours,

Original signed by
E. N. HARSHMAN

E. N. Harshman
Acting Executive Officer
DMEA Field Team, Region III

JWT:prl

cc: Chmn. Op. Comm. (2)
Harshman
DMEA/DFC-Buel
Corres. file
Townsend
Chron.

EW3

RECEIVED
DEC 11 1957
Div. of Mineral Technology
BUREAU OF MINES
Denver Experiment Station
Denver, Colorado

224 New Customhouse
Denver 2, Colorado
December 10, 1957

Mr. J. A. Barnett, Assistant Secretary Treasurer
General Minerals Corporation
Meadows Building
Dallas 6, Texas

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

Dear Mr. Barnett:

Form MF-104, Operator's Monthly Report and Voucher, Form MF-104A, Operator's Unit Cost and Progress Report, Operator's Narrative Report, and Area Progress Report, for October, 1957, have been received in this office. The Voucher cannot be processed for payment for the following reasons and is therefore, returned to you herewith.

1. Only one drill hole is involved in the costs reported for October 1957, and this hole has not been completed to the contract objective. The Government will contribute only to the cost of holes which have been completed to the contract objective.

2. The contract requires that drill logs, plan maps and section, be submitted with each monthly report to show progress and results. These items are not included with the October, 1957 report.

3. Documentation is required for the cost of drilling and standby time. No cost documentation was submitted with your October 1957, Voucher.

Enclosed are six copies each of Forms MF-104 and MF-104A, for your use in preparing a revised monthly report and voucher after hole No. T-1 has been completed to the contract objective. In the future please do not report drilling costs for any incomplete holes.

JDC:hmh

cc: Chmn. Op. Comm. (2)
Harahman
DMEA/DFC
Townsend
Corres.file,Reg.III
Chron

Yours very truly,

Original signed by
W. H. KING

W. H. King
Executive Officer, DMEA
Field Team, Region III

EWB

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C. 500

RECEIVED
NOV 13 1957
Mineral Technology
BUREAU OF MINES
Denver, Colorado

DMEA
DEPARTMENT OF THE INTERIOR
NOV 12 1957
REGION III
DENVER, COLORADO

NOV 6 1957

Mr. E. N. Harshman
Acting Executive Officer
DMEA Field Team, Region III
224 New Customhouse Bldg.
Denver 2, Colorado

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

Dear Mr. Harshman:

We have our copy of your memorandum to T. A. Christensen of October 30, with enclosures, covering the cited project.

The enclosed Operator's Report was most interesting; its drill hole AI-2 showed attractive values in the Annie vein and the previously unknown vein intersected at 192 - 195 feet could very well also be of importance. Likewise, the ore-bearing vein found in the back and west side of the Chandler drift (and later intersected in the new crosscut) certainly appears to warrant considerable investigation.

It is our suggestion that this project be kept under close surveillance and that the Field Team should feel completely free at any time to recommend such project revision as it considers to be desirable. At the time the original Field Team recommendations were received it was obvious to us that any project scheme which might be approved could be little other than of a tentative nature, since so many of the old workings were inaccessible. Hence, as additional and significant information becomes available, please do not hesitate to recommend project changes or additions which seem warranted.

11-15-57
Copies distributed to:
Harshman
Dmea/Dfc (Bud)
Townsend

DIVISION OF
MINERAL INDUSTRIES
NOV 18 1957
BUREAU OF MINES
REGION III
DENVER, COLORADO

We note the Operator's remarks concerning lost vein core in its hole AI-1. It would seem worthwhile for the Operator to have sludge boxes available and to take sludge samples when drilling through mineralized sections.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

APPROVED:

Frank D. Lamb

Member, Bureau of Mines

Thor H. Kiilsgaard

Member, Geological Survey

RECEIVED
NOV 4 - 1957
Div. of Mine al Technology
BUREAU OF MINES
Denver Experiment Station
Denver, Colorado

NOV 1 - 15 53 '57
DENVER, COLO.

Files

WYB087-DN WAF 47 I-BOM

WASHINGTON DC 11-1-57 1629R

E N HARSHMAN

ACTING EXEC OFFICER DMEA FIELD TEAM REGION III DN

REURLET OCTOBER 21, DOCKET DMEA-4643, GENERAL MINERAL CORPORATION, CONTRACT IDM-E1107, REQUESTED AMENDMENT BEING FORWARDED TO YOU

GEORGE C SELFRIDGE CHAIRMAN OPERATING COMMITTEE

21 DMEA-4643 IDM-E1107

FAC 1658R

Copies sent 11/1/57 to
Harshman
DMEA/DFC (Buel)
Townsend

EWB

224 New Customhouse
Denver 2 Colorado
October 30, 1957

RECEIVED
OCT 31 1957
Div. of Mineral Technology
BUREAU OF MINES
Denver Experiment Station
Denver, Colorado

Mr. J. A. Barnett
General Minerals Corporation
Meadows Building
Dallas 6, Texas

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

Dear Mr. Barnett:

For your information we enclose a completed sample of Form MF-104A, for use as a guide when preparing future Operator's Unit Costs and Progress Reports for Stage I work.

Also enclosed is a sample chart for work performed under Stage I, by area, to be completed each month, and one copy of which is to be attached to each copy of Form MF-104A, submitted for the duration of Stage I work.

For the month of September, 1957, we note that you submitted the Original and five copies of MF-104 and MF-104A forms. Only the Original and four copies of these forms are required.

Yours very truly,

Original signed by
E. N. HARSHMAN
E. N. Harshman
Acting Executive Officer
DMEA Field Team, Region III

Enclosures

MHM:hmh
cc: Harshman)
✓DMEA,DFC - Buel) w/copy of Sample
Corres.file,Reg.) Form MF-104A
III) and Chart
Chron

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

SAMPLE

DEFENSE MINERALS EXPLORATION ADMINISTRATION

SAMPLE

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of September 1957 Docket No. DMEA 1649 Contract No. 1Gm-R1107
Operator's Name General Minerals Corporation Minerals Copper-Lead
Address Mendoza Building, 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
STAGE I								
Drifting Non-core Drill	ft.						1250	5.00
Crosscutting Core drill	ft						1250	7.00
Raising Standby time	hr.						20	10.00
Shafts: Incl. Allow.	ft.						2500	0.69
Winzes: Drill. Station		100.00	1	100.00	1	100.00	5	100.00
Drilling: Core Analyses	ea.						40	4.00
Chuck Core Box	ea.						33	4.55
Auger Sample sack	ea.						90	0.40
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		100.00		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 ..... 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.

(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

STAGE I PROGRESS REPORT BY AREA

	Annie-Copper Vein Area		Hidden Vein Area		Tewksbury-McDonald Vein Area	
OPERATION	Units This Month	Units To Date	Units This Month	Units To Date	Units This Month	Units To Date
Drilling Sta.						
Drilling						
Drill Hole						

Ewb

224 New Customhouse
Denver 2, Colorado

RECEIVED
OCT 22 1957
Div. of Mineral Technology
BUREAU OF MINES
Denver Experiment Station
Denver, Colorado

October 21, 1957

VIA AIR MAIL

Memorandum

To: Chairman, Operating Committee, DMEA

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

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

Reference is made to the Operator's letter of October 8, 1957, forwarded to you with copies of our letter to the Operator, dated October 11, 1957, pertaining to an amendment to the contract to provide for crosscutting, the relocation of hole A1-5, and increasing the length of the hole; all in lieu of drilling holes A1-1 and A1-2, which were drilled at company expense prior to the date of the contract.

In conjunction with the matter, enclosed are the original and two copies of a joint memorandum, dated October 16, 1957, from Donald H. Richter, Geologist, Geological Survey, and Edward W. Buel, Mining Engineer, Bureau of Mines, and eight extra copies of the map for possible use in conjunction with the proposed amendment.

This office concurs in the field examiners' recommendations that a suitable amendment be prepared to delete holes A1-1 and A1-2 from the drilling proposed under Stage I in the Annie-Copper vein area, and in lieu thereof provide for 50 feet of crosscutting, 50 feet of timbering, and the drilling of hole A1-5 to a greater length, as outlined in the enclosed joint memorandum report.

Preparation of an amendment of the nature involved is deemed not within the authority delegated to this office. Therefore, the matter is forwarded for your consideration and appropriate action, with the further recommendation that the amendment be made effective as of the date of the contract.

The Operator is standing by awaiting the Government's decision. Therefore, after you have reviewed the matter, we will appreciate advice by teletype as to your decision.

Original signed by
E. N. HARSHMAN

E. N. Harshman

JWT:prl
cc: Harshman) w/copy of
DMEA/DFC-Buel) enclosure.
Corres. file)
Townsend
Chron.

IN REPLY REFER TO:
DMEA
DEPARTMENT OF THE INTERIOR
OCT 17 1957
REGION III
DENVER, COLORADO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA/DFC
Bual

Defense Minerals Exploration Administration
Denver Federal Center
Denver, Colorado

October 16, 1957

Memorandum

To: Acting Executive Officer, DMEA Field Team, Region III
Through: E. H. Marshman

From: Donald H. Richter
Edward W. Bual

Subject: Docket DMEA 4643 (Copper-lead), Contract Idm-8 1107, General Minerals Corporation (Summitville mine), Rio Grande County, Colorado. PROPOSED AMENDMENT TO THE CONTRACT

The operator in a letter of October 8, 1957, to the DMEA Field Team requested an amendment to the contract which would permit the relocation of drill hole AI-5 and the driving of a 50-foot crosscut, for the new drill location, on the Chandler level.

The contract states that hole no. A-5 (AI-5) shall be drilled from approximately 9815 N and 6875 E coordinates (see contract map or operator's "Chandler Tunnel Level" map) and at an inclination of -56°. Due to very bad ground the operator requests the relocation of the hole to approximately N 9880 and E 7900 and increase the length of the hole from 180 feet to approximately 240 feet. In order to relocate the hole, it will be necessary to drive a 50-foot crosscut from about N 9985 and E 6890.

During an inspection of the property, it was seen that rehabilitation of the caved drift to gain access to the original drill site area (N 9815, E 6875) as stipulated by the contract would not be

feasible. The operator has already expended considerable time and money in attempting to rehabilitate the caved area at N 9885 and E 6840. From all appearances the caved areas represent a caved stope which has filled the drift with a considerable amount of mine timbers and waste rock material. The presence of mine timbers in the rock material makes spiling impractical. A part of the drift rehabilitated by the operator required square setting for better than 30 feet in the back. The adverse conditions as described by the operator in his letter requesting an amendment were verified.

Drill holes A-1 (AI-1) and A-2 (AI-2) authorized under the contract were completed by the operator prior to the effective date of the contract. Total footage of these holes for which no Government reimbursement was made is 432.7 feet. It is recommended that the operator be permitted to drive a 50-foot crosscut, relocate his drill station to the end of this crosscut (coor. N 9880, E 7900), and drill hole A-5 (AI-5) S 19° 39' W with an inclination of -51° 20' to a depth of approximately 240 feet. The funds provided for drilling holes A-1 (AI-1) and A-2 (AI-2) could be transferred to cover the cost of the recommended additional work.

The estimated non-expended funds and costs for the recommended additional work is tabulated as follows:

Allowable Contract Costs		Recommended additional work costs	
		50-foot crosscut @ $31.00/ft., 50 ft.	$ 1,550.00
		Timbering @ $7.00/ft., 50 ft. **	350.00
Drilling		Drilling	
Holes A-1 and A-2 @ $6.00/ft. * 432.7 ft.	$ 2,596.20	Additional footage for Hole A-5 @ $6.00/ft * 60 ft.	360.00
Standby time		Standby time	
@ $10.00/hr., 4 hrs. **	40.00	@ $10.00/hr., 1 hr. **	10.00
Incidental allowance		Incidental allowance	
@ $0.69/ft., 432.7 ft.	298.56	@ $0.69/ft., 60 ft.	41.40
Wooden core boxes		Wooden core boxes	
@ $4.55/each, 5 boxes **	22.75	@ $4.55/each, 1 box **	4.55
Samples		Samples	
@ $4.00/ea., 4 samples **	16.00	@ $4.00 each, 1 sample **	4.00
Sample sacks		Sample sacks	
@ $0.40/each, 4 sacks **	1.60	@ $0.40/each, 1 sack **	.40
Total transferrable funds	$ 2,975.11	Total required funds	$ 2,320.35

* Average maximum of actual cost of core and non-core drilling.

** Estimated.

Donald H. Richter

Donald H. Richter, Geologist

Edward W. Buel

Edward W. Buel, Mining Engineer

EWBuel:arh

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Defense Minerals Exploration Administration
Denver Federal Center
Denver, Colorado

October 16, 1957

Memorandum

To: Acting Executive Officer, DMEA Field Team, Region III
Through: E. N. Harthman

From: Donald N. Hunter
Edward W. Rusl

Subject: Docket DMEA 4643 (Copper-lead), Contract Idm-X 1107, General Minerals Corporation (Summitville mine), Rio Grande County, Colorado. PROPOSED AMENDMENT TO THE CONTRACT

The operator in a letter of October 6, 1957, to the DMEA Field Team requested an amendment to the contract which would permit the relocation of drill hole AI-5 and the driving of a 50-foot crosscut for the new drill location, on the Chandler level.

The contract states that hole no. A-5 (AI-5) shall be drilled from approximately 9815 N and 6875 E coordinates (see contract map or operator's "Chandler Tunnel level" map) and at an inclination of -56°. Due to very bad ground the operator requests the relocation of the hole to approximately N 9880 and E 7900 and increase the length of the hole from 180 feet to approximately 240 feet. In order to relocate the hole, it will be necessary to drive a 50-foot crosscut from about N 9925 and E 6890.

During an inspection of the property, it was seen that rehabilitation of the caved drift to gain access to the original drill site area (N 9815, E 6875) as stipulated by the contract would not be

feasible. The operator has already expended considerable time and money in attempting to rehabilitate the caved area at N 9885 and E 6840. From all appearances the caved areas represent a caved stope which has filled the drift with a considerable amount of mine timbers and waste rock material. The presence of mine timbers in the rock material makes spiling impractical. A part of the drift rehabilitated by the operator required square setting for better than 30 feet in the back. The adverse conditions as described by the operator in his letter requesting an amendment were verified.

Drill holes A-1 (AI-1) and A-2 (AI-2) authorized under the contract were completed by the operator prior to the effective date of the contract. Total footage of these holes for which no Government reimbursement was made is 432.7 feet. It is recommended that the operator be permitted to drive a 50-foot crosscut, relocate his drill station to the end of this crosscut (accr. N 9880, E 7900), and drill hole A-5 (AI-5) S 19° 30' W with an inclination of -51° 20' to a depth of approximately 240 feet. The funds provided for drilling holes A-1 (AI-1) and A-2 (AI-2) could be transferred to cover the cost of the recommended additional work.

The estimated non-expended funds and costs for the recommended additional work is tabulated as follows:

Allowable Contract Costs		Recommended additional work costs	
		50-foot crosscut @ $31.00/ft., 50 ft.	$ 1,550.00
		Timbering @ $7.00/ft., 50 ft. **	350.00
Drilling		Drilling	
Holes A-1 and A-2 @ $6.00/ft. * 432.7 ft.	$ 2,596.20	Additional footage for Hole A-5 @ $6.00/ft * 60 ft.	360.00
Standby time		Standby time	
@ $10.00/hr., 4 hrs. **	40.00	@ $10.00/hr., 1 hr. **	10.00
Incidental allowance		Incidental allowance	
@ $0.69/ft., 432.7 ft.	298.56	@ $0.69/ft., 60 ft.	41.40
Wooden core boxes		Wooden core boxes	
@ $4.55/each, 5 boxes **	22.75	@ $4.55/each, 1 box **	4.55
Samples		Samples	
@ $4.00/ea., 4 samples **	16.00	@ $4.00 each, 1 sample **	4.00
Sample sacks		Sample sacks	
@ $0.40/each, 4 sacks **	1.60	@ $0.40/each, 1 sack **	.40
Total transferrable funds	$ 2,975.11	Total required funds	$ 2,320.35

* Average maximum of actual cost of core and non-core drilling.

** Estimated.

Donald H. Richter

Donald H. Richter, Geologist

Edward W. Buel

Edward W. Buel, Mining Engineer

EW/Buel:arh

EWB

224 New Customhouse
Denver 2, Colorado

October 11, 1957

RECEIVED
OCT 14 1957
Div. of Mineral Technology
BUREAU OF MINES
Denver Experiment Station
Denver, Colorado

Dr. Richard V. Gaines
Manager of Western Operations
General Minerals Corporation
P. O. Box 446
Grand Junction, Colorado

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

Dear Dr. Gaines:

Thank you for your letter of October 10, 1957, forwarding two additional copies of the map, as requested in our letter of October 9.

Inasmuch as providing access to the revised drill hole location is not within the authority delegated to this office, we could hardly authorize the drilling of the hole at the revised location prior to resolution of the matter regarding access to it. Should you wish to perform the crosscutting requested in your letter of October 8, 1957 solely at company expense, without contribution by the Government, then we could, under authority delegated to this office, authorize the change in the drill hole location.

In reference to the last paragraph of your letter, practically all correspondence coming to this office relative to DMEA contracts is subject to further distribution to provide information to other Government personnel concerned. So, under the circumstances, we prefer that you submit the original and five copies of all letters pertaining to operations under the Contract, unless you request a letter to be held in strict confidence.

Very truly yours,

Original signed by
E. N. HARSHMAN

E. N. Harshman
Acting Executive Officer
DMEA Field Team, Region III

JWT:prl
cc: Chmn.Op.Comm.-2) w/copy of Operator's
Corres. file) letter of Oct. 8 and attached map and copy of Operator's letter of Oct. 10.

Harshman) w/copy of Operator's
DMEA/DFC-Buel ✓) letter of Oct. 10.
Townsend
Chron.

Minerals CORPORATION

GENERAL MINERALS CORPORATION

P. O. Box 446 • Grand Junction, Colo.

MEADOWS BUILDING
DALLAS 6, TEXAS

DMEA
DFC (Dual)

October 10, 1957

DMEA
DEPARTMENT OF THE INTERIOR
OCT 11 1957
REGION III
DENVER, COLORADO

Mr. E. N. Harshman
Acting Executive Officer,
DMEA Field Team, Region III
224 New Customhouse
Denver 2, Colorado

Re: Docket No. DMEA-4643 (Copper-Lead)
Contract No. Idm-E1107
General Minerals Corporation
(Summitville Mine), Rio Grande Co.
Colorado

Dear Mr. Harshman:

I have your letter of October 9, concerning our request for a change in the specifications of the work to be carried on under the DMEA contract. Our request involved not only a substitution of drifting for a portion of the diamond drilling, but also permission to do the diamond drilling from a new location and I hope this is clear. I understand that the substitution of drifting for drilling would require an amendment to the contract but that the permission to drill from a different location could be given by your office after due consideration and inspection. I hope it will be possible for you to inform us about your decision concerning the new location for the drill hole as soon as possible without waiting to learn the results of the request for the amendment to the contract which has to go to Washington. I am enclosing two copies of the map of this work in accordance with your request.

Is it necessary that all correspondence relating to this contract be sent to you in an original and five copies or may a letter of the type such as this, which is not a formal request, be sent in just one copy?

Sincerely yours,

Richard V. Gaines

Dr. Richard V. Gaines
Manager, Western Operations

RVGvw
encls.

CWB

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

224 New Customhouse
Denver 2, Colorado

October 9, 1957

RECEIVED
OCT 10 1957
Div. of Mineral Technology
BUREAU OF MINES
Denver Experiment Station
Denver, Colorado

Memorandum

To: E. N. Harshman - With enclosure
IMEA/DFC (Buel) - " "

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

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

Enclosed is a copy of the Operator's letter of October 8, 1957, with attached map, which constitutes a request for the Government's approval to substitute a part of the drilling planned for Annie-Copper Vein area, Chandler level, for crosscutting on that level to establish a new drill station because of inaccessibility of one of the proposed drill stations.

Please submit a joint memorandum report of your recommendations in the matter.

E. N. Harshman

E. N. Harshman

JWT:bh
cc--Chairman, Op. Comm. (2)
Townsend
Corres. File
Chron.

GENERAL MINERALS CORPORATION

P. O. Box 446 • Grand Junction, Colo.

COPY

October 8, 1957

DMEA
DEPARTMENT OF THE INTERIOR
OCT 9 - 1957
REGION III
DENVER, COLORADO

Mr. J. W. Townsend
Alternate Acting Executive Officer
DMEA Field Team, Region III
224 New Customhouse
Denver, Colorado

Re: Docket No. 4643
Contract No. Idm-E1107
General Minerals Corporation
(Summitville Mine)
Rio Grande County, Colorado

Dear Mr. Townsend:

In accordance with our conversation on October 1, we would like to request permission to change the location of drill hole # A 1-5. We had originally planned to rehabilitate a old drift which would get us to a drill location as shown on the DMEA contract. Although this location was so close to the Annie Vein that in order to intersect it with a drill hole 150 ft. below the level would have required a very steep hole, we felt that using this location would have been the most economical method of procedure. However, after proceeding part way with the rehabilitation of this drift and cleaning out a portion of the cave, at very considerable expense, we discovered that the cave grew much worse ahead so that it would have been excessively difficult, expensive, anddangerous to continue the work, therefore we stopped this work at approximately coordinates N 9885, E 6840.

We would like to drive a new drift approximately 50 ft. as shown on the enclosed map and put a drill station at coordinates N 9880, E 6900. This would enable us to cut the Annie Vein at a depth of 150 ft. below the level with a drill hole dipping 51° 20" and this would be altogether a much more satisfactory solution of our problem. We would appreciate permission to proceed with this work, both the drifting and the new drill hole location, under the DMEA contract.

Although this would normally result in an increase in the amount of expenditure under our contract, as it happens drill holes # A 1-1 and A 1-2 have been completed prior to the effective date of the contract and therefore we feel there may be some surplus funds available which we would like to have applied, if possible, to the extra work on drill hole A 1-5.

Very truly yours,

Dr. Richard V. Gaines
Manager, Western Operations

RVGvw
enc.

EWB

24A New Customhouse
Denver 2, Colorado

October 9, 1957

RECEIVED
OCT 10 1957
Div. of Mineral Technology
BUREAU OF MINES
Denver Experiment Station
Denver, Colorado

Dr. Richard V. Gaines,
Manager, Western Operations
General Minerals Corporation
P. O. Box 446
Grand Junction, Colorado

Re: Docket No. DMEA-4643 (Copper-Lead)
Contract No. I4n-21107
General Minerals Corporation
(Summitville Mine), Rio Grande
County, Colorado.

Dear Dr. Gaines:

Receipt is acknowledged of the original and three copies of your letter of October 8, 1957, with attached map, which constitutes a request for the Government's approval to substitute drifting for a portion of the diamond drilling which has been performed at sole company expense.

As you were informed on your visit to this office on October 1, approval for the substitution of work would require an amendment to the contract, which is not within the authority delegated to this office. The matter has been referred to our field examiners for their recommendations, which, when received, will be forwarded to the Washington Office, DMEA, for their consideration and appropriate action.

In making requests to this office on matters concerned with the contract, please refer to the first paragraph on page 3 of our letter to you of September 13, 1957, in conjunction with instructions therein, we will appreciate your forwarding two additional copies of the map enclosed with your letter of October 8, as they are needed to enable distribution of your request where necessary.

Very truly yours,

Original signed by
E. N. HARSHMAN

E. N. Harshman
Acting Executive Officer,
DMEA Field Team, Region III

THB:bh
cc-Chairman, Op. Comm.(2)
Harshman
DMEA/EFC (Buel)
Townsend
Corres. File
Chron.

GENERAL MINERALS CORPORATION

P. O. Box 446 • Grand Junction, Colo.

RECEIVED
OCT - 8 1957
Div. of Mineral Technology
BUREAU OF MINES
Denver Experiment Station
Denver, Colorado

October 7, 1957

COPY

Mr. J. W. Townsend
Alternate Acting Executive
Officer, DMEA Field Team,
Region III
224 New Customhouse
Denver, Colorado

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

Dear Mr. Townsend:

In reply to your letter of September 25, and in accordance with our conversation in your office on October 1, the work on our DMEA contract began on August 16.

We do not plan to submit a report for August since the amount of work done during that month was comparatively small, however, we would like to submit a report for September which will include what little work was done during the month of August. We will prepare this report as rapidly as possible.

Very sincerely yours,

Richard V. Gaines

Dr. Richard V. Gaines
Manager, Western Operations

RVGvw

Copies distributed to Harbaugh, Dunn, Townsend & Gaines

DMEA
DEPARTMENT OF THE INTERIOR
OCT 8 - 1957
REGION III
DENVER, COLORADO

EW3

224 New Customhouse
Denver 2, Colorado

September 25, 1957

RECEIVED
SEP 26 1957
Div. of Mineral Technology
BUREAU OF MINES
Denver Experiment Station
Denver, Colorado

Mr. Richard B. Gaines
Manager, Western Operations
General Minerals Corporation
P. O. Box 446
Grand Junction, Colorado

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

Dear Mr. Gaines:

In the last paragraph of our letter of September 13, 1957, we requested to be advised the date work actually commenced under the Contract.

Since the date fixed in the Contract on or before which work shall be commenced is September 15, 1957, and as we have not heard relative to the start of operations, we will appreciate advice by return mail as to the status of work under the Contract.

Very truly yours,

Original signed by
J. W. TOWNSEND

J. W. Townsend
Alternate Acting Executive
Officer, DMEA Field Team,
Region III

cc: Mr. J. A. Barnett
Meadows Building
Dallas 6, Texas

JWT:prl

cc: Harshman
DMEA/DFC-Buel
Townsend
Corres. file
Chron.

EWS

224 New Customhouse
Denver 2, Colorado

September 20, 1957

RECEIVED
1957
Mineral Technology
BUREAU OF MINES
Experiment Station
Colorado

Mr. J. A. Barnett
General Minerals Corporation
Meadows Building
Dallas 6, Texas

Re: Docket DMEA-4643, Contract Idm-E1107
General Minerals Corporation

Dear Mr. Barnett:

Reference is made to your letter of September 17, 1957, requesting 50 each of Forms MF-104 and MF-104A, Operator's Monthly Report and Voucher, and Operator's Unit Cost and Progress Report, respectively.

In order to maintain a control and adequate supply of the report forms, it has been our policy upon receipt of the completed report for a month's operation, to acknowledge same and forward blank forms for use in preparing the succeeding monthly accounting report. Ordinarily we supply six blank copies of each form, five completed copies to be returned, the remaining copy to be retained by the Operator.

If one copy of the completed form is insufficient for your records please advise the extra number of each form required.

Yours very truly,

Original signed by
J. W. TOWNSEND

J. W. Townsend
Alternate Acting Executive Officer
DMEA Field Team, Region III

JWT:hmh

cc: Mr. Richard V. Gaines
Manager, Western Operations
P.O.Box 446, Grand Junction, Colorado

cc: Harshman) w/copy of
DMEA, DFC) Operator's
Townsend) ltr. of 9/17/57
Corres.file, Reg. III
Chron

GENERAL Minerals CORPORATION

GENERAL MINERALS CORPORATION

Meadows Building • Dallas 6, Texas

GRAND JUNCTION, COLO.
P. O. BOX 446

September 17, 1957

DMEA
DEPARTMENT OF THE INTERIOR
SEP 19 1957
REC.
DENVER, COLORADO

U. S. Department of the Interior
Bureau of Mines
Building 20, Federal Center
Denver, Colorado

Gentlemen:

Please forward to us fifty copies of Forms MF-104 and MF-104A, "Operator's Monthly Report and Voucher" and "Operator's Unit Cost and Progress Report", respectively.

Very truly yours,

GENERAL MINERALS CORPORATION

J. A. Barnett

J. A. Barnett

JAB/mfl

RECEIVED
SEP 16 1957
Div. of Mineral Technology
BUREAU OF MINES
Denver Experiment Station
Denver, Colorado

Rm. New Customhouse
Denver 2, Colorado

September 13, 1957

Memorandum

To: Chairman, Operating Committee, DMEA

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

Subject: Docket No. DMEA 4643 (Copper-Lead), Contract No. Idm-K1107, General Minerals Corporation (Summitville mine), Rio Grande County, Colorado

Enclosed are the Government's and Audit copies of Exploration Project Contract No. Idm-K1107, which was forwarded by your letter of July 15, 1957 for signature by the Operator, after execution of Consent to Lien and Subordination Agreement by the owners.

Also enclosed are three copies of a letter from this office, dated September 13, 1957, whereby we forwarded the "Operator's Copy" of the contract, blank report forms and instructions relative to reporting on work performed under the contract, and procedures to be followed in communicating with this office in all matters pertaining to the contract.

The contract, dated July 15, 1957, provides for work estimated to cost $149,380.00, toward which the Government will contribute 50%, or an amount of $74,690.00.

Copies of the contract have been distributed to the Finance Office, Region III, and to others concerned.

Original signed by
~~xxxxxxxxxxxxxxxxxx~~ H. M. Connors
for
E. W. Harshman

Enclosures

JDC:prl

cc: Ransome
Finance Office, Region III
Harshman
DMEA/DFC
Townsend
Corres. file
Chron.

} w/copy of contract and letter to Operator.

[illegible] New Customhouse
Denver 2, Colorado

SEP 13 1957

CERTIFIED MAIL

Mr. Richard V. Gaines
Manager of Western Operations
General Minerals Corporation
P. O. Box 446
Grand Junction, Colorado

Re: Docket No. DMEA 4643 (Copper-Lead)
Contract No. Idm-X1107
General Minerals Corporation
(Summitville mine)
Rio Grande County, Colorado

Dear Mr. Gaines:

Enclosed herewith is the "Operator's Copy" of Exploration Project Contract No. Idm-X1107, Docket No. DMEA 4643.

Also enclosed are six copies of Form MF-104, "Operator's Monthly Report and Voucher," and six copies of Form MF-104A, "Operator's Unit Cost and Progress Report." At the end of the first calendar month after work is commenced, and monthly thereafter, you are required to submit the original and four copies of each form to the

Executive Officer
Defense Minerals Exploration Administration
[illegible] New Customhouse
Denver 2, Colorado.

The extra copy is for your records.

Forms MF-104 and MF-104A are to be combined into five sets of one of each form. Each set of the combined forms is to be accompanied by a map or sketch showing the location and extent of work performed and a signed narrative report which describes the work performed, conditions encountered, and results of the work. The monthly accounting report will not be processed for reimbursement unless it is accompanied by a signed narrative report and other required or pertinent data. Additional copies of Forms MF-104 and MF-104A will be forwarded to you each month on receipt of your report for the prior month.

For your information and in reply to many questions that have been asked, after forms NF-104 and NF-104A are received, an engineer will check progress on the project and review your accounts, after which the report forms will be forwarded to this office for administrative examination and vouchering. If the report is in order, a check will be issued by the Treasury Department for the Government's portion of the approved costs. If you have any difficulty in completing these forms and the reports, please call on this office for assistance.

In the matter of your claim for reimbursement of drilling costs under the terms of the contract, reimbursement to you will be on the basis of a hole or holes completed to the objective, which has, or have been drilled in compliance with the conditions under the "General Provisions" section of Exhibit "A" of the contract and the special conditions pertaining to the drilling under each stage. Therefore, your monthly report should include only such holes which are completed to that extent and the required records made a part of your claim for reimbursement.

The contract is prepared on form NF-200, and under its provisions and as outlined in Exhibit "A" of the contract, the allowable costs are a combination of actual costs with a maximum average unit cost established for work under Category (1) and fixed unit costs for performing the remaining items of work or services. Under the provisions of Exhibit "A", the work under Category (1) is to be performed by subcontract. The costs recorded under item (1) on Form NF-104 for such work must be supported each month by a signed or certified copy of the billing from the subcontractor. Amounts reported on the basis of the "Fixed Unit Costs" require no documentation as they are otherwise verified.

In reference to Article 13(f) of the Contract pertaining to the average unit cost of the drilling, if excess costs are suspended by reason of exceeding the maximum unit cost of the drilling described under Category (1), the excess costs will be held in suspense and be reinstated by this office, to the extent suspended funds are available, in the event the unit costs for any month should cause the average unit cost to fall below the maximum average unit cost established in the contract for the drilling.

In the event you desire to perform the work under Category (1) on company account instead of subcontracting it as provided in the contract, it will be necessary that you request and obtain an appropriate amendment to the contract before reimbursement can be made to you for the Government's portion of the allowable incurred costs.

Your requests to this office for work approval, changes in the contract, or any other communication pertaining to operations under the contract, must be in writing, of which please supply the original and five copies, each copy complete with maps or other pertinent data. Each request for action by this office must pertain to one matter only. Such requests are not to be incorporated in your narrative report accompanying monthly progress report Forms MP-104 and MP-104a.

The approximate locations, directions, and inclinations of the holes to be drilled under Stage I in each of the three work areas are indicated in Exhibit "A" under the caption "Description of the Work." Also, the locations of the holes are shown on the map, "Figure 3," attached to the contract. Should conditions encountered necessitate any change in either the location, direction, or inclination of any of the holes from that indicated in Exhibit "A" and on the map, approval of this office for the change must be obtained prior to performance of the work. Otherwise, the work may not be acceptable to the Government for reimbursement to you under the terms of the contract.

Your attention is directed to the provisions that work under both Stages II and III is contingent upon results of the work completed under the prior stage, and that performance of the work is subject to the prior written approval of the Government.

When work under Stage I has been completed, or sufficiently so to permit evaluation of the results of the work, you must request approval from this office for the work you propose to perform under the next stage. Your request for the work approval must be in sextuplicate, each copy complete with a map showing the location and extent of the work completed and the location of the additional work proposed. Also, your request must include an evaluation of the work completed and include assay returns and any other pertinent data which will be of value to the Government in appraising the results of the work.

You should anticipate a suspension of operations between stages of work, to enable the Government geologist and engineer to evaluate the results of the work performed and make their recommendations to this office relative to the additional work you propose.

To eliminate as much delay to operations as possible, if that is of serious consideration, you should expedite forwarding of the results of the work completed and your request for the Government's approval of the additional work you propose.

No oral statement of any person shall be construed to modify or change the terms of the contract. Field representatives of the Government are not authorized to approve any changes in the work program or contract provisions. Such approval can only be given by the Washington Office, DMEA, or by the DMEA Field Team, Region III.

It is a regulation that reimbursement for the cost of work accomplished prior to the date of the contract will not be allowed. It is a requirement and imperative that you notify this office in writing the date work actually commences under the contract.

Very truly yours,

Original signed by
xxxxxxxxxxxxxxxxx H. M. Connors
for
E. B. Karshmann
Acting Executive Officer
DMEA Field Team, Region III

Enclosures

JWT:prl

c: Chmn. Op. Comm. (3)
Finance Office Region III
Amendment file, Region III
Karshmann
DMEA/BPC
Townsend
Corres. file
Chron.

EWB

224 New Customhouse
Denver 2, Colorado

JUL 25 1957

RECEIVED
JUL 25 1957
Div. of Mineral Technology
BUREAU OF MINES
Denver Experiment Station
Denver, Colorado

CERTIFIED MAIL

Mr. Richard V. Gaines
Manager of Western Operations
General Minerals Corporation
P. O. Box 446
Grand Junction, Colorado

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

Dear Mr. Gaines:

Enclosed are the Government's, Audit, Finance Office, and Field Team copies of proposed Exploration Project Contract No. Idm-E1107, which has been prepared pursuant to your application for Government assistance in exploration work under the Defense Minerals Exploration Administration program.

If the Contract is satisfactory, all copies are to be signed by an official of General Minerals Corporation authorized to sign such an instrument, the signer's title inserted, the signature attested to by the Secretary of the Corporation, the corporate seal affixed, and all copies promptly returned to this office.

In the event the Contract is not satisfactory, all copies are to be returned promptly to this office, together with your comments on or objections to the Contract.

Your attention is especially directed to three provisions in the Contract:

1. The Government will not contribute to the costs of any of the work that is provided for in the Contract which is performed prior to the date of the Contract.

2. The contract requires completion of the exploration work within the period fixed therefor. Approval must be obtained from this office for any suspension of work which may result in failure to complete the work within the period specified.

3. Royalty is due the Government on all production from the land described in the Contract, beginning on the date of the Contract.

If the Contract is satisfactory, and upon return of all copies properly signed, the "Operator's Copy" of the Contract will be forwarded to you, together with blank report forms and instructions relative to reporting on work performed under the Contract. Also, instructions will be given as to the procedure to be followed in corresponding with this office in matters concerning operations under the Contract.

Very truly yours,

Original signed by
W. H. KING

W. H. King
Executive Officer, DMEA
Field Team, Region III

Enclosures

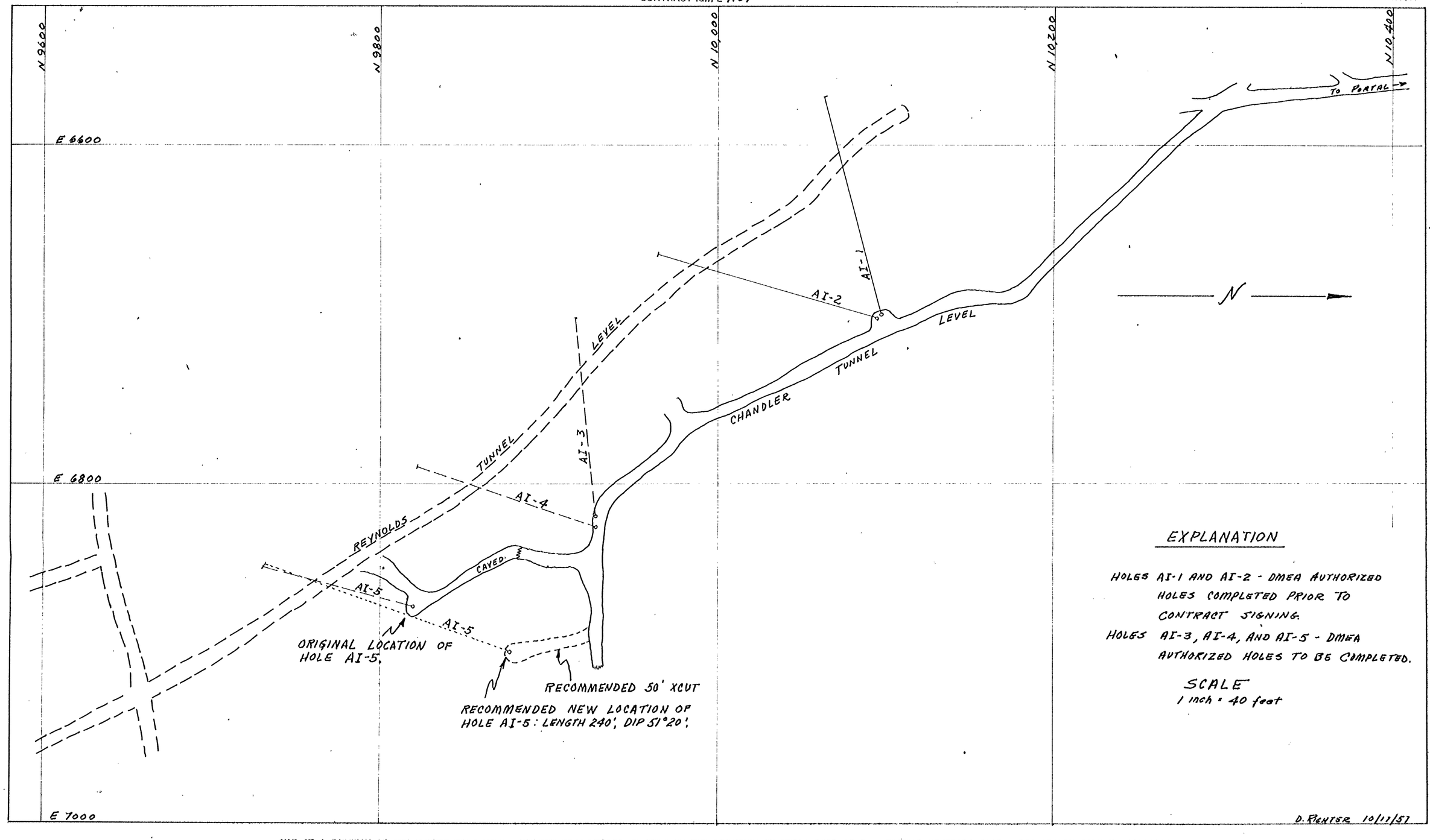
JWT:prl

cc: Chan.Op.Comm. (2)
Marshman
DMEA/DFC
Townsend
Docket
Chron.

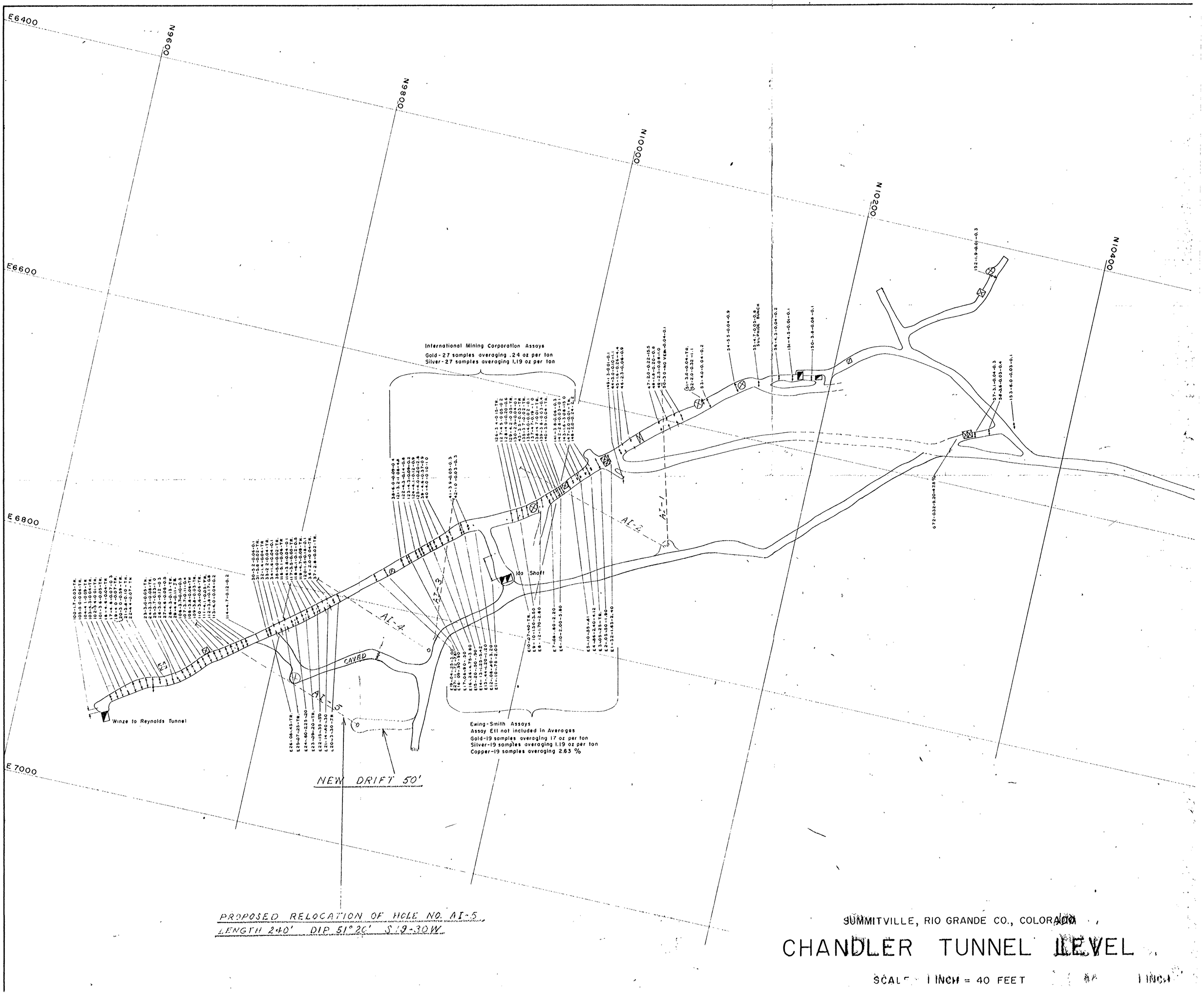
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

DMEA 4643
CONTRACT Idm-E 1107

PREPARED FOR
DEFENSE MINERALS
EXPLORATION ADMINISTRATION



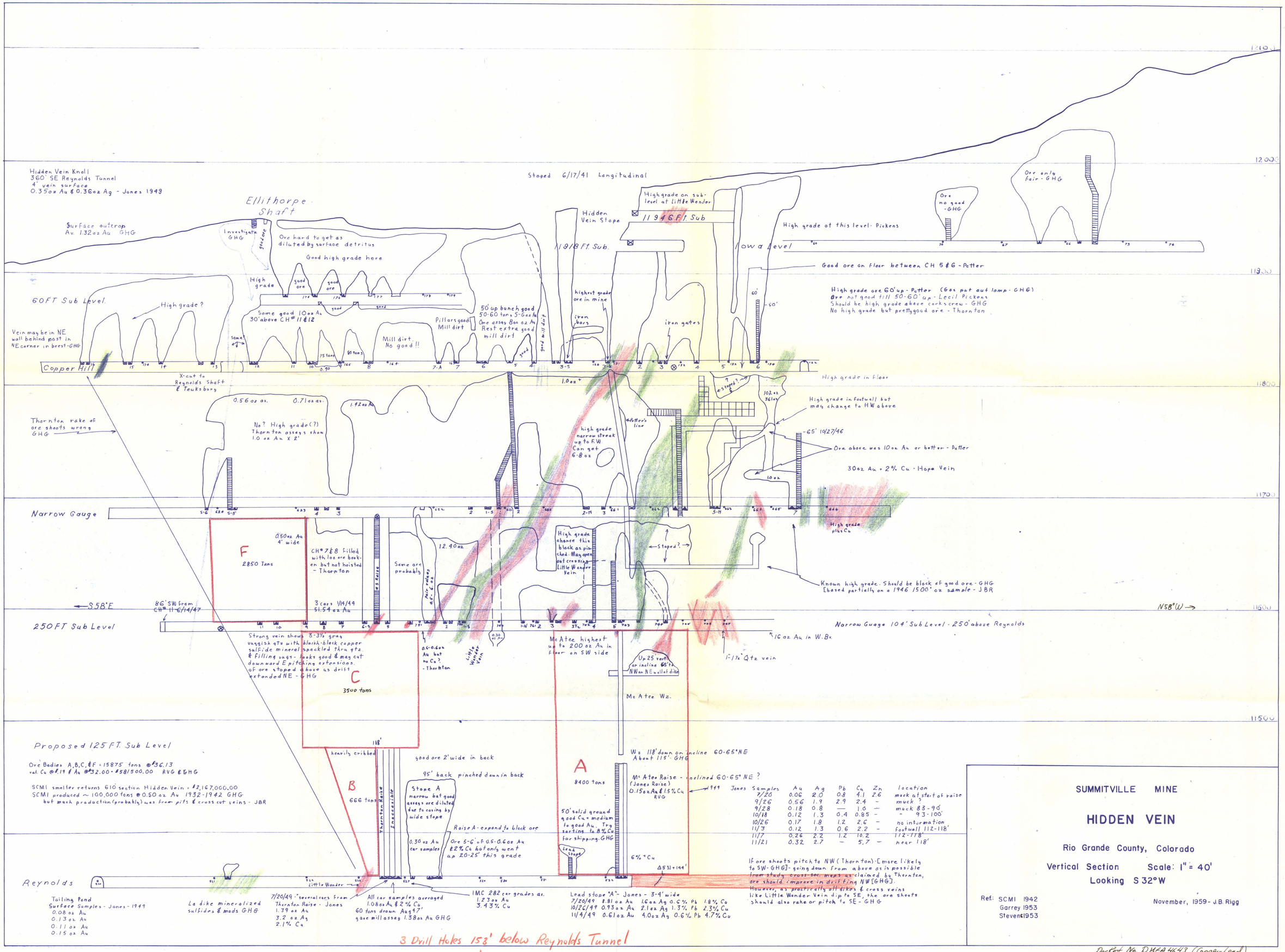
MAP OF A PORTION OF THE SUMMITVILLE MINE, SHOWING RECOMMENDED CHANGES IN THE LOCATION OF DRILL HOLE AI-5. GENERAL MINERALS CORP., RIO GRANDE COUNTY, COLORADO.



SUMMITVILLE, RIO GRANDE CO., COLORADO

CHANDLER TUNNEL LEVEL

SCALE 1 INCH = 40 FEET



Jones Samples	Au	Ag	Pb	Cu	Zn	location
7/20	0.06	2.0	0.8	4.1	2.6	muck at start of raise
9/26	0.56	1.9	2.9	2.4	-	muck ?
9/28	0.18	0.8	—	1.0	—	muck 83-90'
10/18	0.12	1.3	0.4	0.85	-	" 93-100'
10/26	0.17	1.8	1.2	2.6	-	no information
11/3	0.12	1.3	0.6	2.2	-	footwall 112-118'
11/7	0.26	2.2	1.2	10.2		112-118'
11/21	0.32	2.7	—	5.7	—	near 118'

SUMMITVILLE MINE

HIDDEN VEIN

Rio Grande County, Colorado

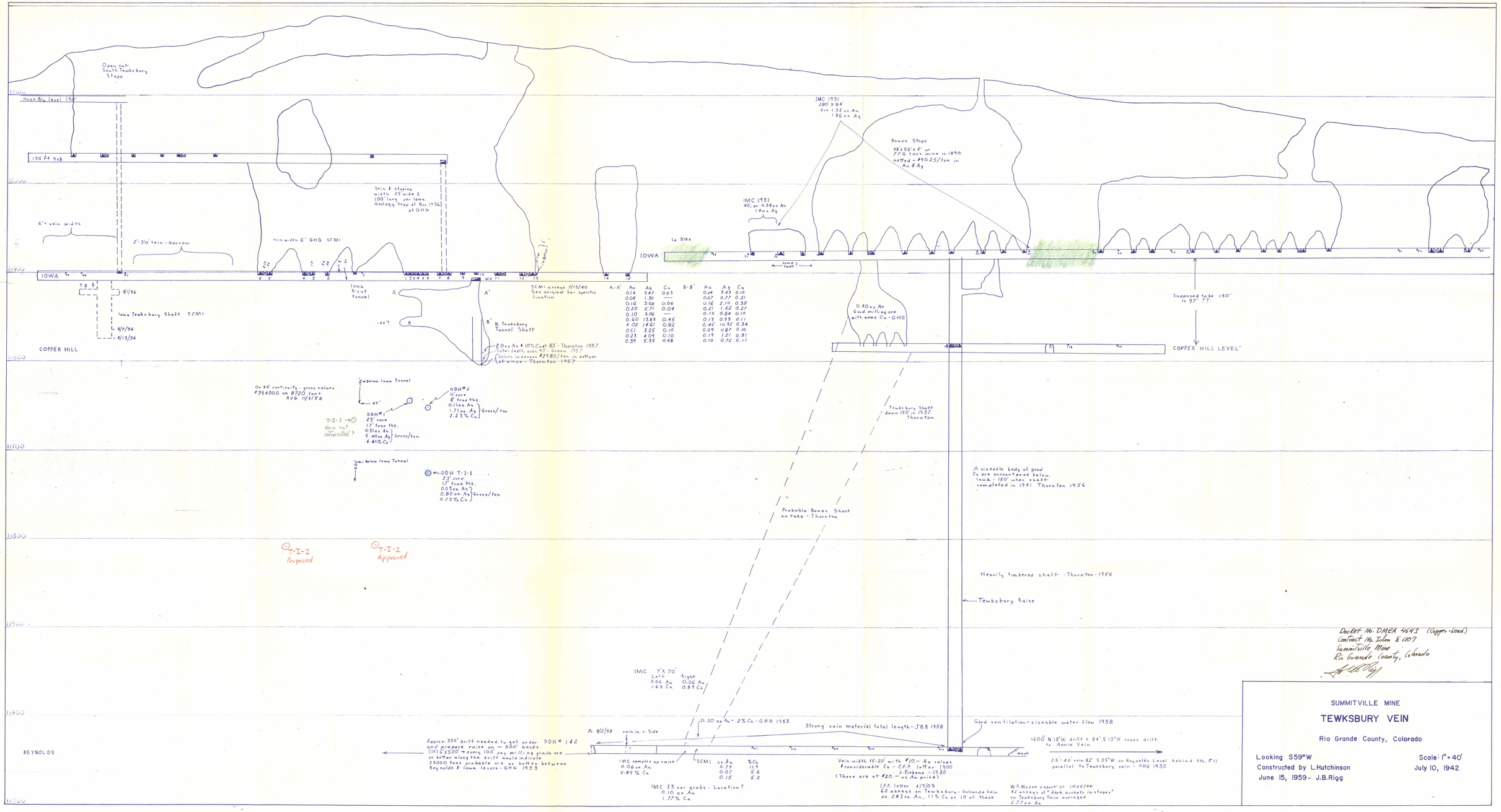
Vertical Section Scale: 1" = 40'

Looking S 32°W

Ref: SCMI 1942
Garrey 1953
Stevens 1953

November, 1959 - J.B. Rigg

Docket No. DMEA 4643 (Cogga-Lead)
Contract No. Icms E1107
Summitville Mine
Rio Grande County, Colorado


Open cut South Tewksbury Stope
Hush Blk level 1907
130 ft sub
6'± vein width
2'-3½' Vein = Narrow
Vein E stoping width 25' wide X 100' long per Iowa Geology Map of Nov 1936 of GHG
Vein width 6' GHG SCM1
IOWA
Iowa X-cut tunnel
Iowa Tewksbury Shaft SCM1
8/1/36
4/7/36
8/13/36
COPPER HILL
A
A'
B
B'
N. Tewksbury Tunnel Shaft
2.0 oz Au & 10% Cu at 83' - Thornton 1957
Total depth was 95' - Green 1957
Values in excess $20.80/ton in bottom
Cat-winze - Thornton 1957
SCM1 assays 7/15/40
See original for specific location
A-A'
Au Ag Cu
0.14 3.47 0.03
0.06 1.30 —
0.16 3.08 0.06
0.20 5.71 0.04
0.10 3.06 —
0.60 13.83 0.45
4.02 14.61 0.62
0.61 3.25 0.10
0.23 4.09 0.10
0.39 5.35 0.48
B-B'
Au Ag Cu
0.24 3.43 0.10
0.07 0.77 0.21
0.16 2.19 0.35
0.21 1.52 0.27
0.16 0.84 0.19
0.13 0.93 0.11
0.45 10.92 0.34
0.09 0.87 0.10
0.19 1.21 0.31
0.10 0.72 0.11
La Dike
IMC 1931
280 x 84'
Ave 1.32 oz Au
1.86 oz Ag
IMC 1931
40, ar. 0.34 oz Au
1.6 oz Ag
Bowen Stope
98'x50'x4' or
770 tons mine in 1890
netted = $10.25/ton in
Au & Ag
0.10 oz Au
Good milling ore
with some Cu - GHG
Supposed to be 130'
is 97' ??
COPPER HILL LEVEL
Tewksbury Shaft
down 150' in 1937
Thornton
0-50' continuity - gross values
$364000 on 8720 tons
AVG 11/6/56
Below Iowa Tunnel
DDH #2
11' core
8' true thk.
0.11 oz Au
1.71 oz Ag
2.23% Cu
Gross/ton
DDH #1
23' core
12' true thk.
0.31 oz Au
5.40 oz Ag
6.40% Cu
Gross/ton
T-I-3
Vein not intersected ?
Below Iowa Tunnel
DDH T-I-1
23' core
17' true thk.
0.03 oz Au
0.80 oz Ag
0.73% Cu
Gross/ton
T-I-2
Proposed
T-I-2
Approved
Probable Bowen Shoot
on Pake - Thornton
A sizeable body of good
Cu ore encountered below
Iowa - 150' when shaft
completed in 1961 Thornton 1956
Heavily timbered shaft - Thornton - 1956
Tewksbury Raise
IMC 7'X 70'
Left
0.06 Au
1.63 Cu
Right
0.06 Au
0.89 Cu
0.20 oz Au - 2% Cu - GHG 1953
Strong vein material total length - JBR 1958
Good ventilation - sizeable water flow 1958
B. 8/2/58
vein in v. Side
Approx. 350' drift needed to get under DDH # 1 & 2
and prepare raise on ~ 200' backs
(If) 6'X500' → every 100' pay milling grade ore
or better along the drift would indicate
25000 tons probable ore at better between
Reynolds & Iowa levels - GHG 1953
REYNOLDS
IMC samples up raise
0.06 oz Au
5.95% Cu
SCM1 oz Au %Cu
0.75 11.9
0.07 5.8
0.15 5.2
Vein width 15-20' with $10.— Au values
& considerable Cu - C.F.P. letter 1900
J. Rickens - 1930
(These are at $20.— oz Au price)
IMC 33 car grabs - Location ?
0.10 oz Au
1.77% Cu
C.F.P. letter 4/9/03
62 assays on Tewksbury - Golconda Vein
av. 2.83 oz Au, 11% Cu on 10 of these
W.P. Morse report of 10/26/44
62 assays of "dark pockets in stopes"
on Tewksbury Vein averaged
2.77 oz Au
1600' N 18°W drift + 84' E 15°N cross drift
to Annie Vein
2.5'-4.0' vein 82' S 35°W on Reynolds Level behind Sta. 511
parallel to Tewksbury vein - GHG 1930
Docket No. DMEA 4643 (Copper-Lead)
Contract No. Iolon E 1107
Summitville Mine
Rio Grande County, Colorado
SUMMITVILLE MINE
TEWKSBURY VEIN
Rio Grande County, Colorado
Looking S59°W
Constructed by L.Hutchinson
June 15, 1959- J.B.Rigg
Scale: 1" = 40'
July 10, 1942

SUMMITVILLLE MINE

ANNIE (Copper) VEIN

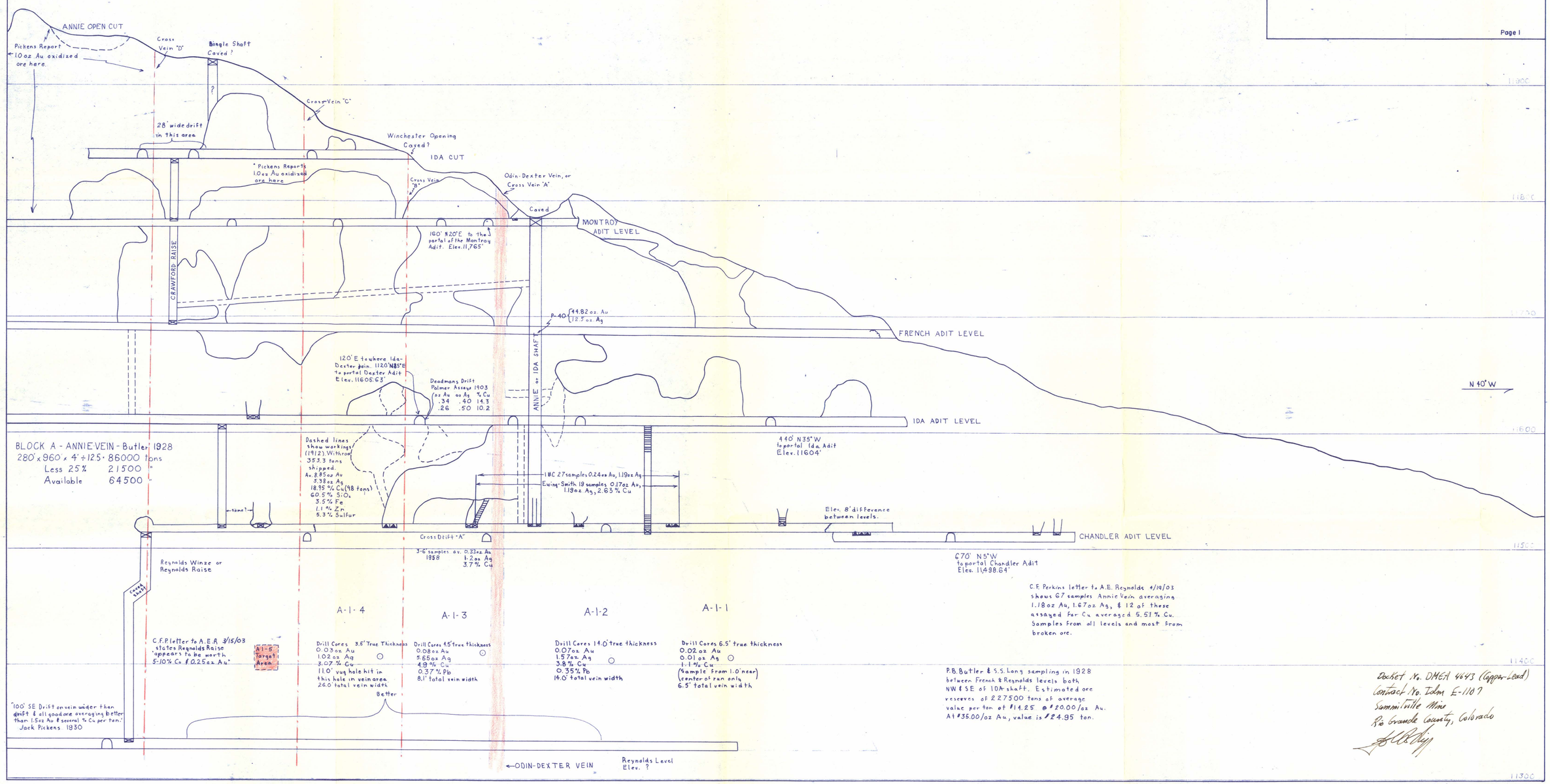
Vertical Section

Rio Grande County, Colorado

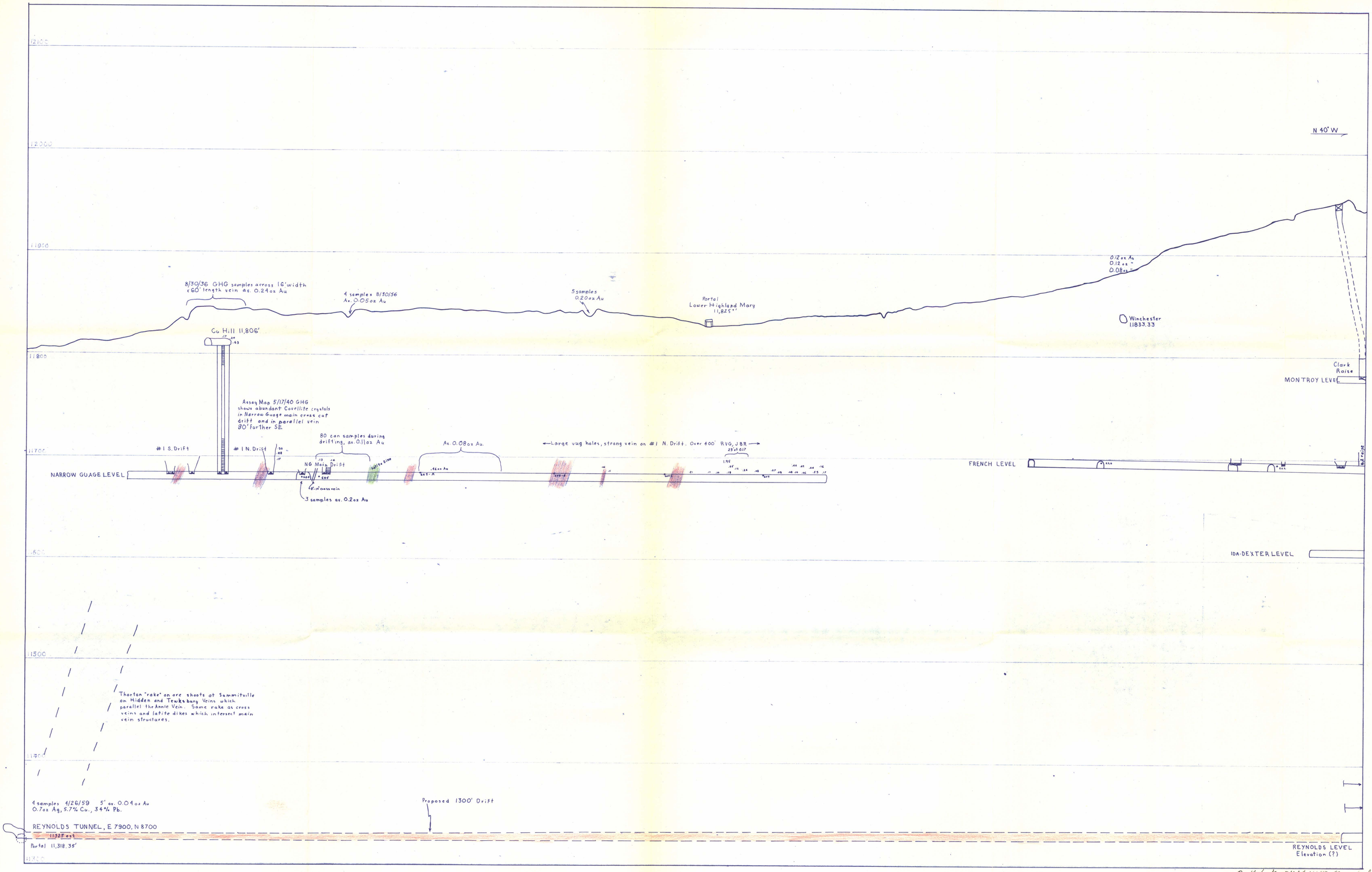
Scale: 1" = 40' November, 1959- J.B. Rigg

Ref.: Butler 1928
Garrey 1936, 1940, 1953
SCMI 1940, 1941, 1942
Stevens 1953

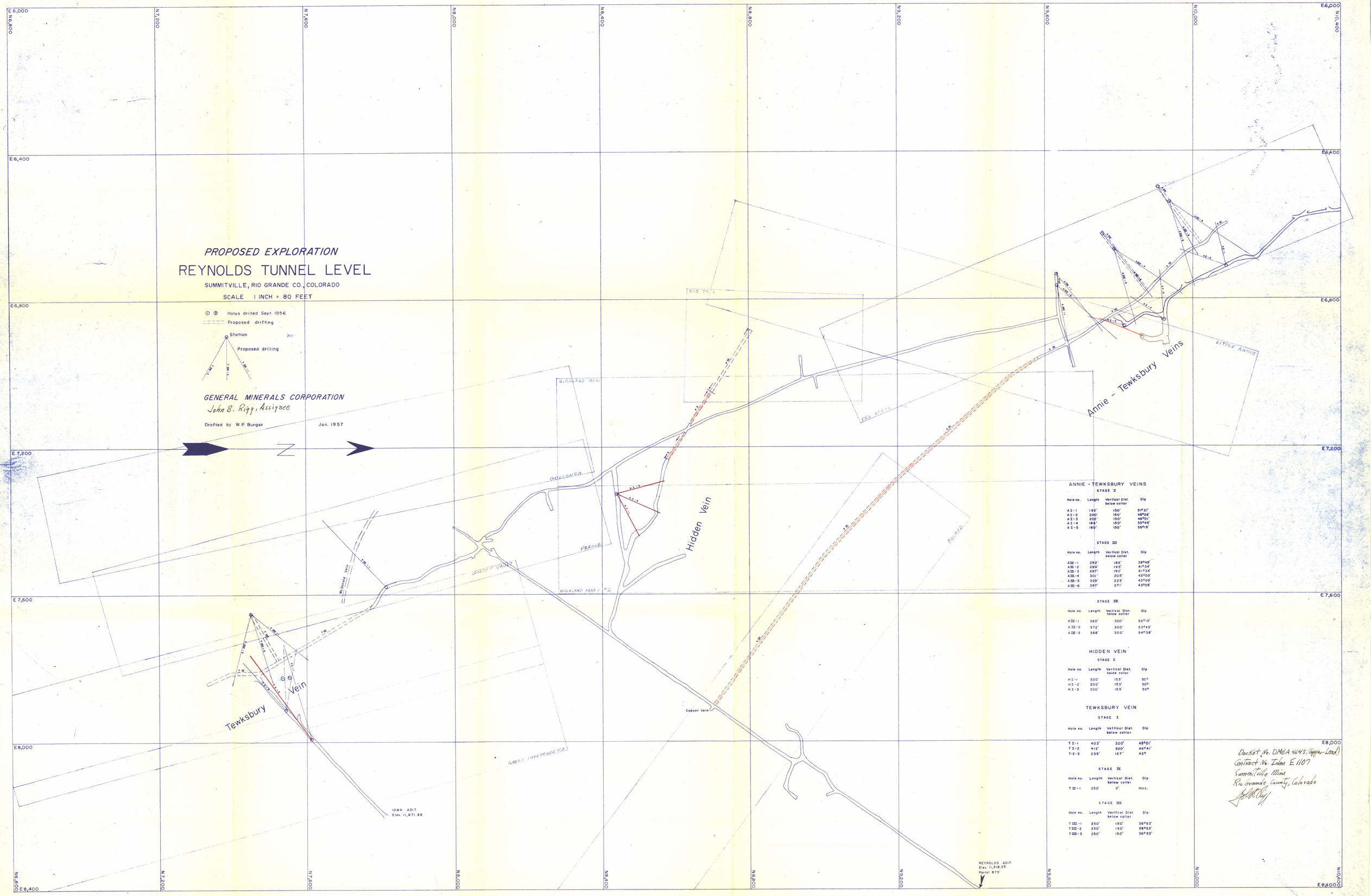
Page 1



ANNIE VEIN - 1



Docket No. DMEA 4643 (Copper-Lead)
Contract No. Idaho E 1107
Summitville Mine
Rio Grande County, Colorado
J. L. K. Reif
ANNIEVEIN-2



ANNIE - TEWKSBURY VEINS

STAGE I

Hole no.	Length	Vertical Dist. below collar	Dip
A I-1	192'	150'	51°21'
A I-2	200'	150'	48°26'
A I-3	202'	150'	48°01'
A I-4	188'	150'	53°45'
A I-5	180'	150'	56°19'

STAGE III

Hole no.	Length	Vertical Dist. below collar	Dip
A III-1	292'	186'	39°48'
A III-2	294'	195'	41°34'
A III-3	297'	190'	41°34'
A III-4	301'	205'	43°09'
A III-5	329'	225'	43°09'
A III-6	397'	271'	43°09'

STAGE IV

Hole no.	Length	Vertical Dist. below collar	Dip
A IV-1	360'	300'	56°19'
A IV-2	372'	300'	53°45'
A IV-3	368'	300'	54°38'

HIDDEN VEIN

STAGE I

Hole no.	Length	Vertical Dist. below collar	Dip
H I-1	200'	153'	50°
H I-2	200'	153'	50°
H I-3	200'	153'	50°

TEWKSBURY VEIN

STAGE I

Hole no.	Length	Vertical Dist. below collar	Dip
T I-1	403'	300'	48°01'
T I-2	412'	300'	46°41'
T-I-3	235'	157'	42°

STAGE II

Hole no.	Length	Vertical Dist. below collar	Dip
T II-1	250'	0'	Horz.

STAGE III

Hole no.	Length	Vertical Dist. below collar	Dip
T III-1	250'	150'	36°53'
T III-2	250'	150'	36°53'
T III-3	250'	150'	36°53'

Docket No. DMEA 1643 (Copper-Lead)
Contract No. Idm E 1107
Summitville Mine
Rio Grande County, Colorado

REYNOLDS TUNNEL