



Cripple Creek & Victor Gold Mining Company

A Joint Venture · ANGLOGOLD ASHANTI (COLORADO) CORP., Manager

Operations Office

P.O. Box 191 · 100 North 3rd Street
Victor, Colorado 80860
(719) 689-2977 – Fax (719) 689-3254



SENT CERTIFIED, RETURN RECEIPT REQUESTED
7011-0470-0000-4833-9162

January 27, 2014

Mr. Timothy Cazier
Environmental Protection Specialist
Colorado Department of Natural Resources
Division of Reclamation, Mining and Safety
Office of Mined Land Reclamation
1313 Sherman Street, Room 215
Denver, Colorado 80203

Reference: Cripple Creek & Victor Gold Mining Company,
Cresson Project Squaw Gulch (VLF), Hwy 67 Realignment

Subject: Weekly Construction Quality Assurance ("CQA") Report:
AMEC: Squaw Gulch (VLF), Hwy 67 Realignment - Weeks ending 01/11/14 and
1/18/14.

Dear Mr. Cazier:

Cripple Creek & Victor Gold Mining Company ("CC&V") is hereby providing the weekly Construction activity and Progress report prepared by AMEC, reporting the CQA services performed for the Squaw Gulch (VLF), Hwy 67 Realignment Construction during the weeks ending January 11, 2014 and January 18, 2014.

Should you have any questions, please do not hesitate to contact me at (719) 689-4055.

Sincerely,

Timm Comer
Manager, Environmental Resources

RECEIVED

JAN 28 2014

Division of Reclamation,
Mining & Safety

Enclosures: AMEC Squaw Gulch (VLF), Hwy 67 Realignment Monitoring Summary (Weekly Report).
Weeks ending 01/11/14 and 1/18/14.



CRIPPLE CREEK & VICTOR GOLD MINING Co.
Squaw Gulch (VLF), HWY 67 Realignment Field Monitoring Summary Weekly Report

Owner:	Cripple Creek & Victor Gold Mining Co.	Project Number:	Date
Project:	Squaw Gulch (VLF), Hwy 67 Realignment	74201125N0. ****. ****	1.11.2014
Location:	Cripple Creek & Victor Gold Mine, Colorado		
Contractor:	Ames Construction Co. Inc.		

Reporting Period: 1.5.14 thru 1.11.14

Days	S	M	T	W	T	F	S
Work Shifts	-	D	D	D	D	D	D
	-	-	-	-	-	-	-

D = Day Shift H = Holiday W = Weather Day

Ambient Temperature Ranges for reporting period:

Low: -5°F to 18°F

High: 18°F to 39°F

Weather conditions for reporting period:

Cloud Cover: Clear to partly cloudy.

Precipitation: None

Wind: Variable

Ames: Continuing construction tasks for the Historical Crib Wall / South MSE Wall and VLF.

Planning: Continuing construction activities and scheduling for Historical Crib Wall / South MSE Wall and VLF.

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (Phase I)

Topsoil / Overburden Stripping: No topsoil or overburden stripping occurred this week.

Production drilling: Production drilling occurred during this reporting period within the planned VLF limits.

Production blasting: Four blasts occurred within the VLF.

Structural Fill:

A Cat 992G loader removed shot rock from between stations A6+00 to A20+00. The material was loaded into 777 haul trucks and transported to the ADR road fill and to the buttress fill adjacent to Dump 4 where it was placed in approximately 24-inch lifts by Cat dozers. A Cat excavator rock hammer broke oversized rock while a Cat smooth drum vibratory roller compacted the lifts per method specification. A Cat 14 grader was utilized to smooth the fill surface before it was rolled.

A John Deere 870 excavator was loading Cat 777 haul trucks with stockpiled structural fill near the west side of the Squaw Gulch Clay Borrow. The material was transported to the ADR haul road near stations 15+00 to 20+00 and the buttress fill area where it was placed in approximately 24-inch lifts by a Cat dozer. A Cat smooth drum vibratory roller compacted the lifts per method specification. The work also consisted of constructing a safety berm from approximate stations 21+00 to 26+50 on the ADR road.

A John Deere 850 excavator and a Cat D6 dozer removed shot rock from near station 25+00 to 27+00 in the Phase 2 Diversion Channel area. The material was placed as fill at the toe of the dump below the Diversion Channel in



3-foot maximum lifts by a Cat D8 GPS dozer. A Cat smooth drum roller compacted the lifts per method specification and a Cat 330 hammer hoe was used to break rocks greater than 24 inches.

A Cat D10 pushed material downslope near station P12+00 to P13+00 from elevation 9750 feet to 9700 feet.

Cat dozers graded material downslope near stations Q6+00 to Q11+00 towards station A6+00 to be loaded out and used as fill.

A Cat 330C excavator cut the half to one slope near station A1+00.

A Cat D8 dozer was used to cut the slope to grade near stations H14+00 to H16+00.

A John Deere 1050J dozer was used to stockpile shot rock near station A17+00 to A19+00 at an approximate elevation of 9,400 feet.

A Cat D10 dozer pushed material downslope near stations C16+00 - C17+00 to A14+00 - A15+00.

Clay (SLF) Processing:

Cameron Site: No clay mining or processing occurred at the Cameron Site. Approximately, 244,860 tons of clay / soil liner fill (SLF) material have been produced at the Cameron site. SLF produced from the operation remains stockpiled at Cameron Site for later removal / use.

Squaw Gulch Clay Borrow Site: Clay processing took place at the Squaw Gulch Clay Borrow Site. Approximately, 30,300 tons of soil liner fill material has been produced at the Squaw Gulch Clay Borrow Site to date.

A John Deere 870 and 850 excavator were used to load Cat 777 haul trucks with clay till at the mid and upper portions of the Squaw Gulch Clay Borrow area. The till was transported to lower portion of the borrow area for processing.

Underdrain System:

Secondary Underdrain: No secondary underdrain was installed during this reporting period. Approximately, 5,064 feet of secondary underdrain has been completed to date in the VLF.

Primary Underdrain: No work was performed on the primary underdrain during this reporting period. A total of 1,294.60 feet of primary underdrain has been completed.

Tree /Slash Grubbing and Clearing, Chipping:

No clearing and grubbing occurred.

B) Underground Workings

Shot rock was removed from underground working UG # 6123 and then the working was backfilled with coarse shaft backfill and onsite material (note: the bottom of the void was never found). Due to the size of the excavation and possible unknown voids below the found void, AMEC revised the remediation directive from a 2-layer to a 3-layer geogrid system. Work is to continue.

Shot rock was removed from underground working UG #U6397. Work is to continue.

A concrete plug was placed in working UG #6282. Work is to continue.

Underground working UG # U6280 was prepared for cemented rock fill. One load was placed before mechanical difficulties ended the operation. Work is to continue.



Ames partially removed the pre-cast concrete panels exposing the shaft at underground working UG #6320. The shaft is about 20X8 feet in size. Visual observations indicated there were no adits within 70 feet from the surface. The bottom of the shaft was not found but is estimated to be in excess of 1,000 feet. A Cat 345 excavator commenced backfilling the shaft using a coarse shaft backfill (12-inch rock, -#200 = 0-15% passing). Approximately, 778 cubic yards of coarse shaft backfill have been placed. Work is to continue.

C) Historical Crib Wall / South MSE Wall:

Work continued on the existing crib wall. A Cat 330 excavator was used to remove panels that were fastened together with steel backing straps and spikes. Timber-panel installation began at the South MSE wall on the east end (the Victor side).

II) Storm Water Management

Best Management Practices (BMP) is being performed. Erosion control efforts took place during this reporting period following any precipitation.

CQA ACTIVITIES:

I) Field Activities: Observation of construction activities during this reporting period included: Slope grading and fill placement; Underground working remediation; Production drilling and blasting; Timber Panel and removal at the historic Crib Wall; Timber panel installation at the South MSE Wall; and Clay (Soil Liner Fill—SLF) and Drain Cover Fill (DCF) processing.

II) Laboratory Activities: Laboratory testing continued with Permeability, Particle Size Distribution, Atterberg Limits, Moisture-Density, gradations and material classification and identifications and field material sampling were performed during this reporting period.

DCF: Samples 46 and 47 were collected and returned to Amec's laboratory for analysis.

SLF Sample Number 81-S through 85-S were collected and returned to Amec's laboratory for analysis.

General Project Items

Meetings and Discussions: The Contractor Meeting occurred on January 9, 2014 with CC&V Projects, Amec, and Ames.

Summary of Concerns: None.

CC&V: Daily updates, reporting and scheduling are some of the tasks occurring between CC&V Projects, Amec and Ames.

Miscellaneous: None.

Deliveries: None

Submitted by: Eric Lorenson
CQA Monitor

Date: 11 Jan. 2014

Reviewed By: [Signature]
Tim Burkhard
Project Resident Manager
Phone: 505.975.8655

Date: 1-14-14

Approved By: [Signature]
CC&V Projects

Date: 1-15-14



ATTACHMENT A

AMEC - 2013 COA Field Staff Schedule MLE2

Name	Jan 5	Jan 6	Jan 7	Jan 8	Jan 9	Jan 10	Jan 11
Tim Burkhard	-	PR	PR	PR	PR	PR	PR
Steve Rice	-	UG	UG	UG	UG	UG	UG
Ben Melly	-	ST	ST	ST	ST	ST	-
Robert Redd	-	UG	UG	UG	UG	UG	-
Tyler Browning	-	ST	ST	ST	ST	ST	ST
Reggie Long	-	ST	ST	ST	ST	ST	-
Eric Lorenson	-	ST	ST	ST	ST	ST	ST
Razi Molloy	-	LT	LT	LT	LT	LT	LT

LEGEND

PS = Project Sponsor
PCE = Project Certifying Engineer
PM = Project Manager
PR = Project Resident
LS = Lead Soils Engineer
LG = Lead Geosynthetics Engineer
ST = Soil Technician
LT = Laboratory Technician
GT = Geosynthetics Technician
FLM= Field/Laboratory Manager
UG = Underground Working Remediation
SE = Senior Engineer

Photographs of daily activities:

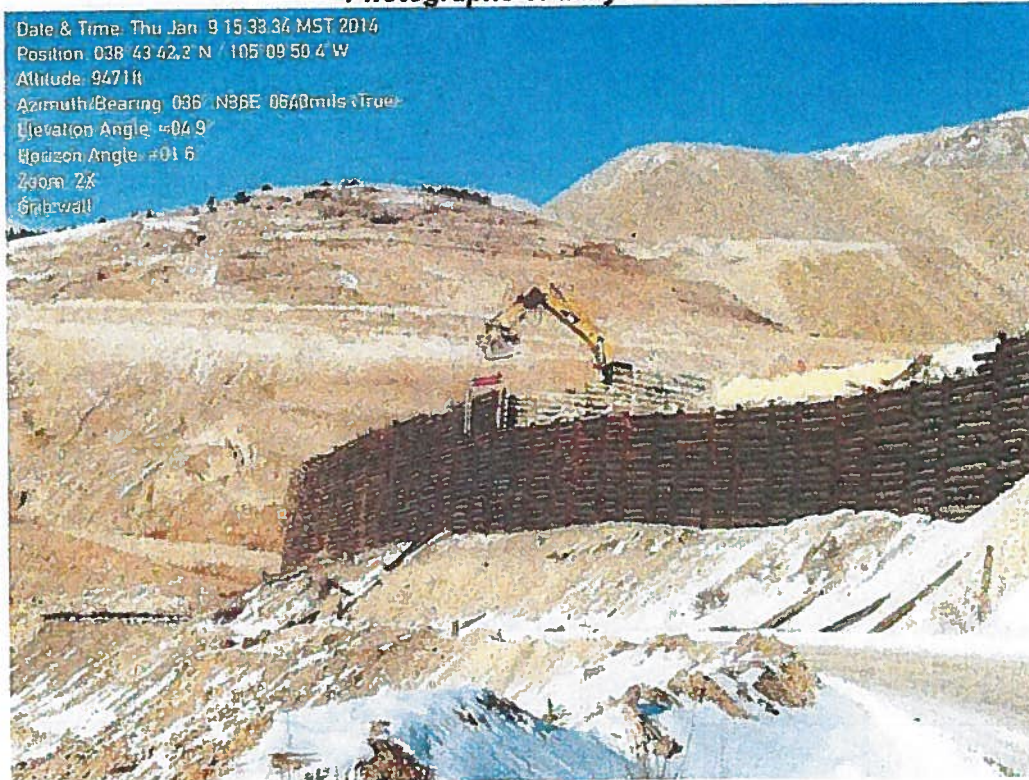


Photo 1: Historical Crib Wall dismantling.

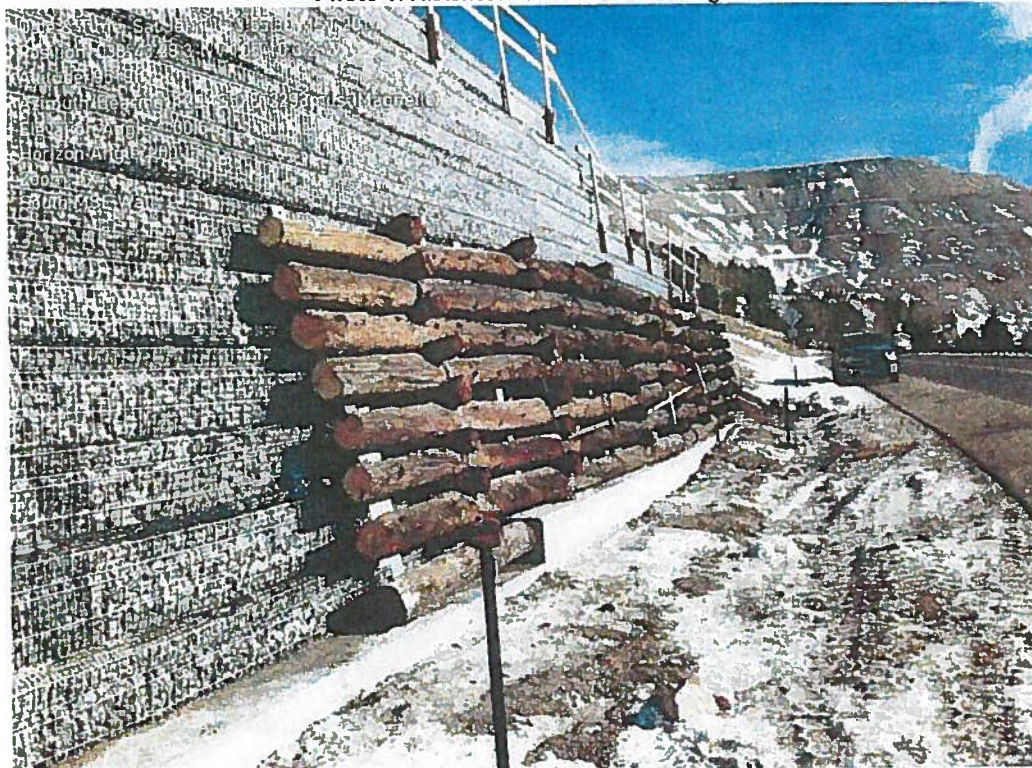


Photo 2: Installed timber panels at the South MSE Wall.



Photo 3: Cut operations near station A20+00.

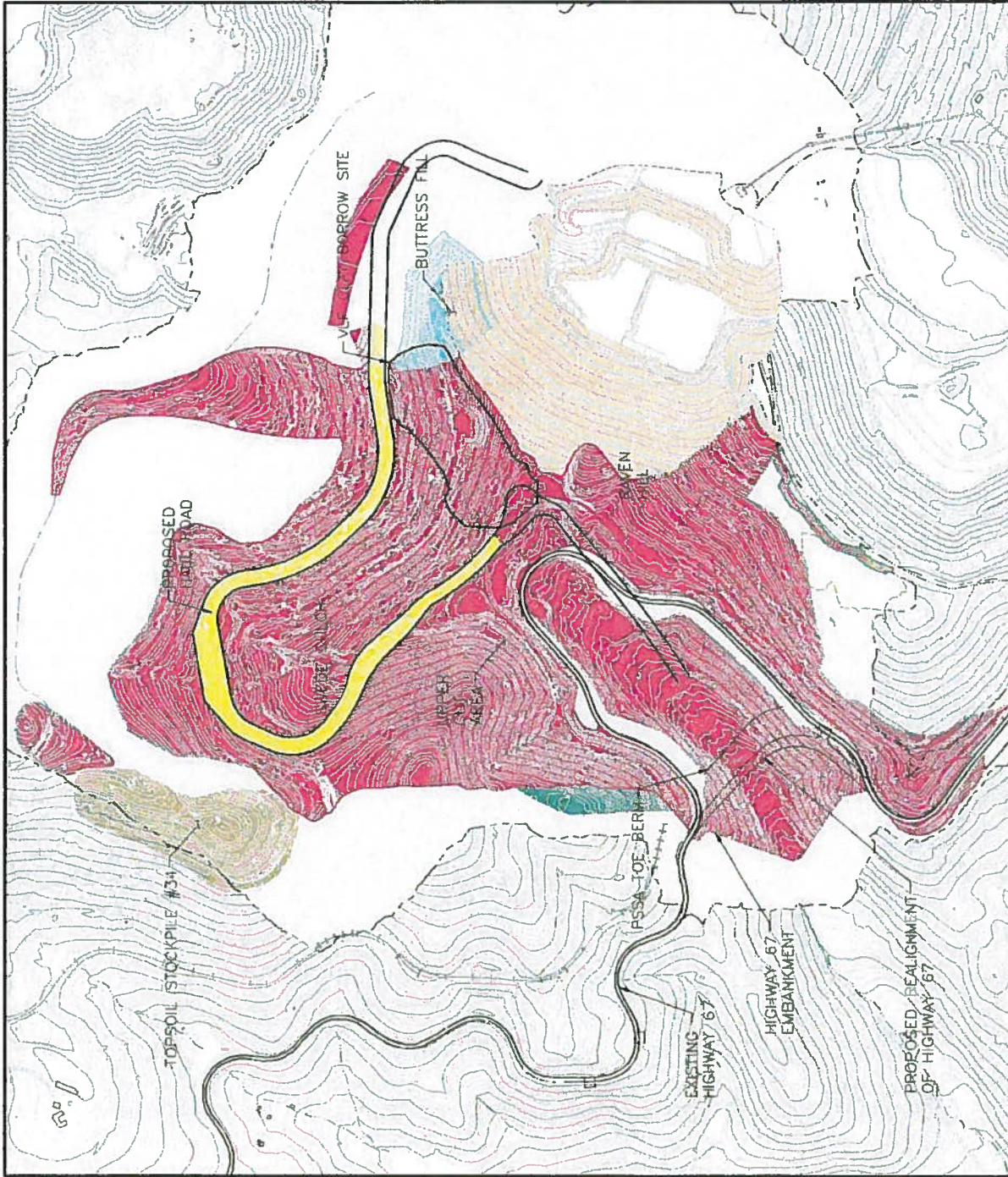


Photo 4: Fill placement at the Buttress Fill area.

LEGEND:

- AREA OF CUT AND FILL
- CLEARING AND GRUBBING
- TOPSOIL STOCKPILE
- HAUL ROAD CUT/FILL
- BUTTRESS FILL

NOTE:
AREAS SHOWN ARE APPROXIMATE AND NOT
TO BE USED FOR ACTUAL DESIGN PURPOSES.



OWNER: COWLEY CREEK & VICTOR GOLD MINING COMPANY	
PROJECT: MLE 2 SQUAW GULCH	
TITLE: CLEARING, GRUBBING AND FILL AREAS	
DESIGNED BY: TMC	CHECKED BY: DBS
DRAWN BY: TMC	APPROVED BY: TMC
DATE: 06/11/06	DATE: 06/11/06
SHEET NO. 1 OF 1 SCALE: 1" = 100'	



CRIPPLE CREEK & VICTOR GOLD MINING Co.
Squaw Gulch (VLF), HWY 67 Realignment Field Monitoring Summary Weekly Report

Owner:	Cripple Creek & Victor Gold Mining Co.	Project Number:		Date	
Project:	Squaw Gulch (VLF), Hwy 67 Realignment	74201125N0. **** *		1.18.2014	
Location:	Cripple Creek & Victor Gold Mine, Colorado				
Contractor:	Ames Construction Co. Inc.				

Reporting Period: 1.12.14 thru 1.18.14

Days	S	M	T	W	T	F	S
Work Shifts	-	D	D	D	D	D	D
	-	-	-	-	-	-	-
D = Day Shift H = Holiday W = Weather Day							

Ambient Temperature Ranges for reporting period:

Low: 6°F to 19°F

High: 22°F to 42°F

Weather conditions for reporting period:

Cloud Cover: Partly cloudy.

Precipitation: None

Wind: Variable

Ames: Continuing construction tasks for the Historical Crib Wall / South MSE Wall and VLF.

Planning: Continuing construction activities and scheduling for Historical Crib Wall / South MSE Wall and VLF.

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (Phase I)

Topsoil / Overburden Stripping: No topsoil or overburden stripping occurred this week.

Production drilling: Production drilling occurred during this reporting period within the VLF limits.

Production blasting: Four blasts occurred within the VLF.

Structural Fill:

A Cat 992G loader removed shot rock from between stations A6+00 to A14+00 (most of the material was pushed downslope to station A6+00 from below stations Q6+00 to Q10+00 by Cat dozers). The material was loaded into 777 haul trucks and transported to the ADR road fill between stations 18+00 and 19+00 and to the buttress fill adjacent to Dump 4 where it was placed in approximately 24-inch lifts by Cat dozers. A Cat excavator rock hammer broke oversized rock while a Cat smooth drum vibratory roller compacted the lifts per method specification. A Cat 14 grader was utilized to smooth the fill surface before it was rolled.

A John Deere 850 excavator and a Cat D6 dozer removed shot rock from near station 15+00 to 25+00 in the Phase 2 Diversion Channel area. The material was placed as fill adjacent to Dump 4 and below the Diversion Channel in 3-foot maximum lifts by a Cat D8 GPS dozer. A Cat smooth drum roller compacted the lifts per method specification and a Cat 330 hammer hoe was used to break rocks greater than 24 inches. Some material placed in the fill was also pushed down from the cut area in Dump 4.

Cat dozers worked on placing cut to fill below approximate stations Q8+00 to Q10+00. The material was placed in approximately 24 inch lifts and compacted per method specification by a Cat vibratory smooth drum roller.



A Cat D6 pushed material downslope near station P12+00 to P13+00 from an approximate elevation of 9,700 feet to 9,600 feet.

A Cat D6 dozer was used to cut the slope to grade near stations D6+00 to D8+00.

A Cat D8 dozer was used for cut to fill near stations F2+00 to F4+00. The area will be used as a pad for the "Grizzly" for Rip Rap production.

A Cat 330 excavator was used to scale rock from the upper portions of the West Cut near stations Q7+00 to Q9+00.

Clay (SLF) Processing:

Cameron Site: No clay mining or processing occurred at the Cameron Site. Approximately, 244,860 tons of clay / soil liner fill (SLF) material have been produced at the Cameron site. SLF produced from the operation remains stockpiled at Cameron Site for later removal / use.

Squaw Gulch Clay Borrow Site: Clay processing took place at the Squaw Gulch Clay Borrow Site. Approximately, 38,600 tons of soil liner fill material has been produced at the Squaw Gulch Clay Borrow Site to date.

A John Deere 870 and 850 excavator were used to load Cat 777 haul trucks with clay till at the mid and upper portions of the Squaw Gulch Clay Borrow area. The till was transported to lower portion of the borrow area for processing.

Underdrain System:

Secondary Underdrain: No secondary underdrain was installed during this reporting period. Approximately, 5,064 feet of secondary underdrain has been completed to date in the VLF.

Primary Underdrain: No work was performed on the primary underdrain during this reporting period. A total of 1,294.60 feet of primary underdrain has been completed.

Tree /Slash Grubbing and Clearing, Chipping:

No clearing and grubbing occurred.

B) Underground Workings

Working UG # 6123 was backfilled with structural fill and then prepared for a 3-layer geogrid system. Work is to continue.

UG #U6334: Unknown 3'X6' Timbered Shaft:

Prior to backfilling the shaft with onsite Coarse Shaft Backfill the shaft was physically measured and was found to extend to a depth of 60-feet. Visual observations suggest that there is a possible adit approximately 60 feet in depth trending towards the northwest. Since the adit is greater than 50 feet in depth, no further remediation efforts will be required for the adit. The shaft was backfilled to within 15-feet from the surface with 117 cubic yards of coarse shaft backfill using a Cat 330 excavator. The working will require a concrete plug and cemented rock fill.

Shot rock was removed from underground working UG #U6397. The working was backfilled and is considered remediated.

Cemented rock fill was placed in Underground workings numbers U6280 and 6282.

Ames continued backfilling the shaft using a coarse shaft backfill at underground working UG #6320. The shaft is about 20X8 feet in size. The bottom of the shaft was not found but is estimated to be in excess of 1,000 feet.



Approximately, 5002 cubic yards of coarse shaft backfill have been placed; however, work stopped to revise the backfilling directive to allow for larger fill (60 inch minus). Work is to continue.

Concrete (4000 psi) was placed into Underground Working number 6036.

C) Historical Crib Wall / South MSE Wall:

Work continued on the existing crib wall. A Cat 330 excavator was used to remove panels that were fastened together with steel backing straps and spikes. Timber-panel installation continued at the South MSE wall.

II) Storm Water Management

Best Management Practices (BMP) is being performed. Erosion control efforts took place during this reporting period following any precipitation (melting snow and ice).

CQA ACTIVITIES:

I) Field Activities: Observation of construction activities during this reporting period included: Slope grading and fill placement; Underground working remediation; Production drilling and blasting; Timber Panel and tailing removal at the historic Crib Wall; Timber panel installation at the South MSE Wall; and Clay (Soil Liner Fill—SLF) and Drain Cover Fill (DCF) processing.

II) Laboratory Activities: Laboratory testing continued with Permeability, Particle Size Distribution, Atterberg Limits, Moisture-Density, gradations and material classification and identifications and field material sampling were performed during this reporting period.

DCF: Samples 48 and 49 were collected and returned to Amec's laboratory for analysis.

SLF Sample Number 86-S through 90-S were collected and returned to Amec's laboratory for analysis.

General Project Items

Meetings and Discussions: The Contractor Meeting occurred on January 16, 2014 with CC&V Projects, Amec, and Ames.

Summary of Concerns: None.

CC&V: Daily updates, reporting and scheduling are some of the tasks occurring between CC&V Projects, Amec and Ames.

Miscellaneous: None.

Deliveries: None

Submitted by: Eric Lorenson

Date: 18 Jan. 2014

CQA Monitor

Reviewed By:

Tim Burkhard

Project Resident Manager

Phone: 505.975.8655

Date: 1-24-14

Approved By:

CC&V Projects

Date: 1-24-14



ATTACHMENT A

AMEC - 2013 COA Field Staff Schedule MLE2

Name	Jan 12	Jan 13	Jan 14	Jan 15	Jan 16	Jan 17	Jan 18
Tim Burkhard	-	PR	PR	PR	PR	PR	-
Steve Rice	-	UG	UG	UG	UG	UG	-
Ben Melly	-	ST	ST	ST	ST	ST	ST
Robert Redd	-	UG	UG	UG	UG	UG	UG
Tyler Browning	-	ST	ST	ST	ST	ST	-
Reggie Long	-	-	-	-	-	-	-
Eric Lorensen	-	ST	ST	ST	ST	ST	ST
Razi Molloy	-	LT	LT	LT	LT	LT	-

LEGEND

PS = Project Sponsor
PCE = Project Certifying Engineer
PM = Project Manager
PR = Project Resident
LS = Lead Soils Engineer
LG = Lead Geosynthetics Engineer
ST = Soil Technician
LT = Laboratory Technician
GT = Geosynthetics Technician
FLM= Field/Laboratory Manager
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SE = Senior Engineer

Photographs of daily activities:

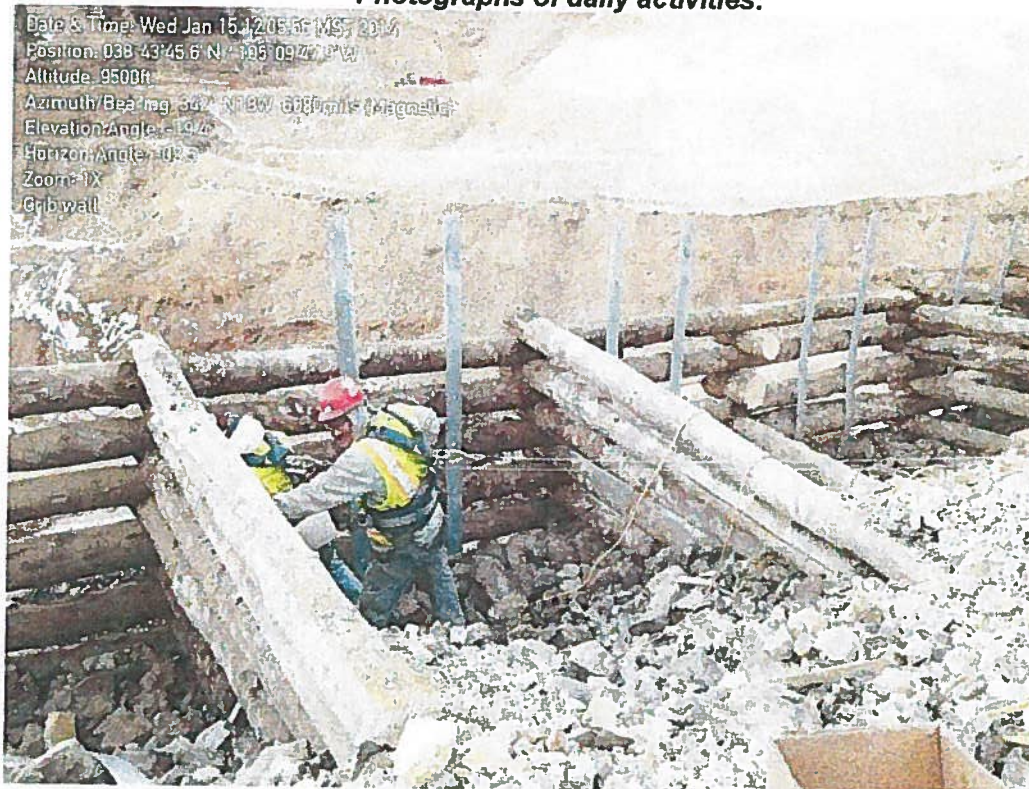


Photo 1: Historical Crib Wall dismantling.



Photo 2: Installed timber panels at the South MSE Wall..



Photo 3: Cut operations near station A14+00.



Photo 4: Fill placement at the Butress Fill area.

Legal Advertising Invoice

Colorado Community Media

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Highlands Ranch, CO 80129

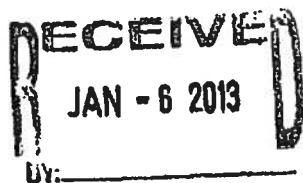
Phone: 303-566-4100

URL: www.ourcoloradonews.com

Timm Corner
CC&V Gold Mining Company **
PO Box 191
VICTOR, CO 80860

Accl. #: 00010922
Phone #: (719)689-4055
Post Date: 01/04/2014
Due Date: 02/03/2014

Ad #	Text	Start	Stop	Ins.	Amount	Prepaid	Due
00058941	No.: 933091: No. M-1980-244	01/01/2014	01/01/2014	1	18.60	0.00	18.60



Payment Terms Net 30

Please return a copy with payment

Total Due

18.60

Invoice

... Date	Invoice #
11/30/2013	24955

Bill To

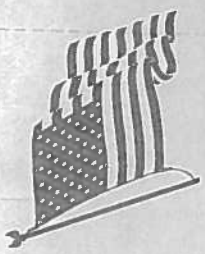
Cripple Creek & Victor Mines/Enviro Dept
PO Box 191
Victor, Co 80860
Attn: Lawrence Myers
689-4045/9573

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JAN 10 2014

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**Cripple Creek &
Victor Gold Mining
Company**

A Joint Venture - **ANGLOGOLD** (COLORADO) CORP., Manager

100 N. 3rd Street
P.O. Box 191
Victor, Colorado 80860
(719) 689-2977
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Mr. Timothy Cazier, P.E.
Environmental Protection Specialist
Colorado Department Of Natural Resources
Division of Reclamation, Mining and Safety
1313 Sherman Street, Room 215
Denver, CO 80203