


LEGEND:

- AREA OF CUT AND FILL
- CLEARING AND GRUBBING
- TOPSOIL STOCKPILE

NOTE:

AREAS SHOWN ARE APPROXIMATE AND NOT TO BE USED AS ACTUAL DESIGN PURPOSES.

CLIENT		CRIPPLE CREEK & VICTOR GOLD MINING COMPANY			
PROJECT		MLE 2 SQUAW GULCH			
TITLE		CLEARING, GRUBBING AND FILL AREAS			
		DESIGNED BY	TMC	CHECKED BY	HRH
		DRAWN BY	HRH	APPROVED BY	TMC
		DATE		4/25/13	
		FIGURE NO.		1	
		REV		A	



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:	74201125N0. ****. ****	Date	04.27.2013
Project:	Squaw Gulch (VLF), Hwy 67 Realignment				
Location:	Cripple Creek & Victor Gold Mine, Colorado				
Contractor:	Ames Construction Co. Inc.				

Reporting Period: 04.21.13 thru 04.27.13

Days	S	M	T	W	T	F	S
Work Shifts	-	D	D	D	D	D	D
	-	N	W	N	N	N	N
D = Day Shift N = Night Shift W = Weather Day							

Ambient Temperature Ranges for reporting period:

Low: 10°F – 35°F
High: 28°F – 58 °F

Weather conditions for reporting period:

Cloud Cover: Cloudy / partly Cloudy /Clear
Precipitation: Snow
Wind: Calm to Gusts at times

Ames: Construction activities were limited on Tuesday the 23rd due to weather conditions. No night shift was in operation on this day as-well.

Amec: None

Project Issues: None at this time

Planning: Continuing Construction activities and scheduling for VLF and HWY 67.

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (Phase I)

Topsoil Stripping:

An Amec field representative observed topsoil being removed during this reporting period in several locations within the VLF Phase I limits and within the Embankment footprint along the North slope. An Amec field representative observed topsoil being removed. Approximately 6 inches to 2 feet was being removed in various locations throughout the project site. Several 740 articulating haul trucks transported the topsoil to the designated stockpile.

Structural Fill:

An Amec field representative observed the fill placement and compaction of structural fill (by method specification) effort's within the Phase I Squaw Gulch VLF and the HWY 67 embankment footprint. (See figure 1). A Cat 563 smooth drum roller was used for the compaction efforts and a Cat D10 and a Cat D8 was utilized to push and place materials as structural fill. Structural fill materials were placed in 18 to 24 inch lifts then compacted by Method specification.

An Amec field representative monitored structural fill material placed within the Phase I Squaw Gulch VLF and the Hwy 67 embankment during all shifts. Average structural fill temperatures were above 32°F

**Secondary Underdrain:**

No work was performed on the Secondary underdrain during this reporting period.

A total of 1380 feet of underdrain has been completed.

Primary Underdrain:

An Amec field representative observed the Primary Under drain construction complete to the primary underdrain ponds. In addition the cutoff wall was completed and installed per plans and specifications according to actual field conditions during this reporting period.

A total of 863 feet of Primary underdrain has been completed.

Tree /Slash Clearing, Chipping:

Seed Masters began mobilizing to resume chipping process. Chipping is expected to resume during the next reporting period.

B) Underground Workings

During the reporting period exploratory excavation was performed on UG working No. 6018, No. 6037 and No. 6051. These sites will continue with excavation into bedrock as remediation is completed as specified.

During this reporting period remediated sites were performed on UG working No. U6128, No. 6129, No. 6030, No. U6131, No. 6037, No. 6047/U6019 No. 6049 and No. 6061. Sites listed were excavated to practical refusal into rock varying depths depending on the working remediated. The site for each working was then backfilled in 2 foot loose lifts to approximate planned subgrade elevation using the onsite structural fill (excavated material) and "bucket tamped" with the back of the CAT 330 excavator bucket. All backfill material was free of organic material, ice and snow.

Confirmatory drilling continued during the reporting period on UG Working No. 6123 and No. 6132. All drill locations were spaced on 4(+/-) foot centers and drilled to specified depth. Exploratory excavation will continue until remediation has been performed.

C) Highway 67

MHT#2 is in place and is working properly. No other work was performed for the existing HWY 67 crossing during this reporting period.

II) Storm Water Management

- A) Best Management Practices (BMP) are being performed.** Inspections continue and there have been no issues identified.

CQA ACTIVITIES:

- I) Field Activities:** Construction activities and observation of clearing and grubbing, VLF Phase I fill and compaction, underground workings, HWY 67 embankment fill progress observation were some of the tasks performed in the field as required per project specifications.
- II) Laboratory Activities:** Laboratory testing continued (Permeability, Particle Size Distribution, Atterberg Limits, Moisture-Density, gradations and material identifications) were some of the laboratory testing performed during this reporting period as required to project specifications.



General Project Items

Meetings and Discussions: A meeting was held between CC&V and Amec on Wednesday the 24th. Discussions referenced the unsuitable materials within the limits of the PSSA. It was determined that a test pad would be constructed placing 1 foot of unsuitable material, followed by 2 feet of rock fill over the top.

On Wednesday at approximately 1500hrs the contractor began placing extremely oversaturated materials in a 1 foot lift and then covered with 2 feet of Rock fill. At approximately 1700 hrs an Amec field representative rejected this lift due to extreme deflection in the rock fill. It was then determined that another 2 foot lift be placed during night shift and further inspection of the area would be performed Thursday the 25th during the a.m. hours.

On Thursday the 25th at approximately 0800hrs, An Amec field representative observed slight deflection on the lift 4 feet above the oversaturated materials and it was then determined it would take between 5 and 6 feet of rock fill to bridge the 1 foot of oversaturated materials.

Amec recommended that the oversaturated materials not be placed in the fill unless proper drying of the materials were performed. CC&V Projects determined that the materials, as excavated should be hauled to a designated stockpile and not placed within the structural fill at this time.

Summary of Concerns: Unsuitable Materials encountered within the PSSA limits are a concern.

CC&V: Working with CC&V Daily updates and reporting. A weekly Project Status meeting was held at 10:00am on April 23rd between CC&V, CDOT, Ames and Amec. Topics discussed were Safety, Schedule, Project Issues, concerns and planning.

Miscellaneous: None
Deliveries: None

CQA Monitor

Submitted by: Thorne Clark

Date: 04.27.13

Thorne M Clark
Amec Project Resident
Ph: 970.846.9337

Approved By: Scott R. Clark

Date: 5-3-2013

ATTACHMENT A



AMEC - 2013 COA Field Staff Schedule MLE2

Name	April 21	April 22	April 23	April 24	April 25	April 26	April 27
Thorne Clark	-	PR	PR	PR	PR	PR	-
Steve Rice	-	LS	LS	LS	LS	LS	-
Uwe Kelley	-	ST	ST	ST	ST	ST	ST
Dennis Koval	-	ST	-	-	-	-	-
Ben Melly	-	-	LG	LG	LG	LG	LG
Robert Redd	-	ST	ST	ST	-	ST	ST
Ryan Fesler*	-	ST	ST	ST	ST	ST	-
Kevin Duarte	-	ST	ST	ST	ST	ST	ST
Razi Molloy	-	LT	LT	LT	LT	LT	LT
*Scott Pocock		ST	-	ST	ST	ST	-
Mike Nelson	-	-	-	-	-	-	-

*Night shift

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
SE = Senior Engineer

Photographs of daily activities:



Photo No.1; Embankment Fill Access HR construction on South Slope



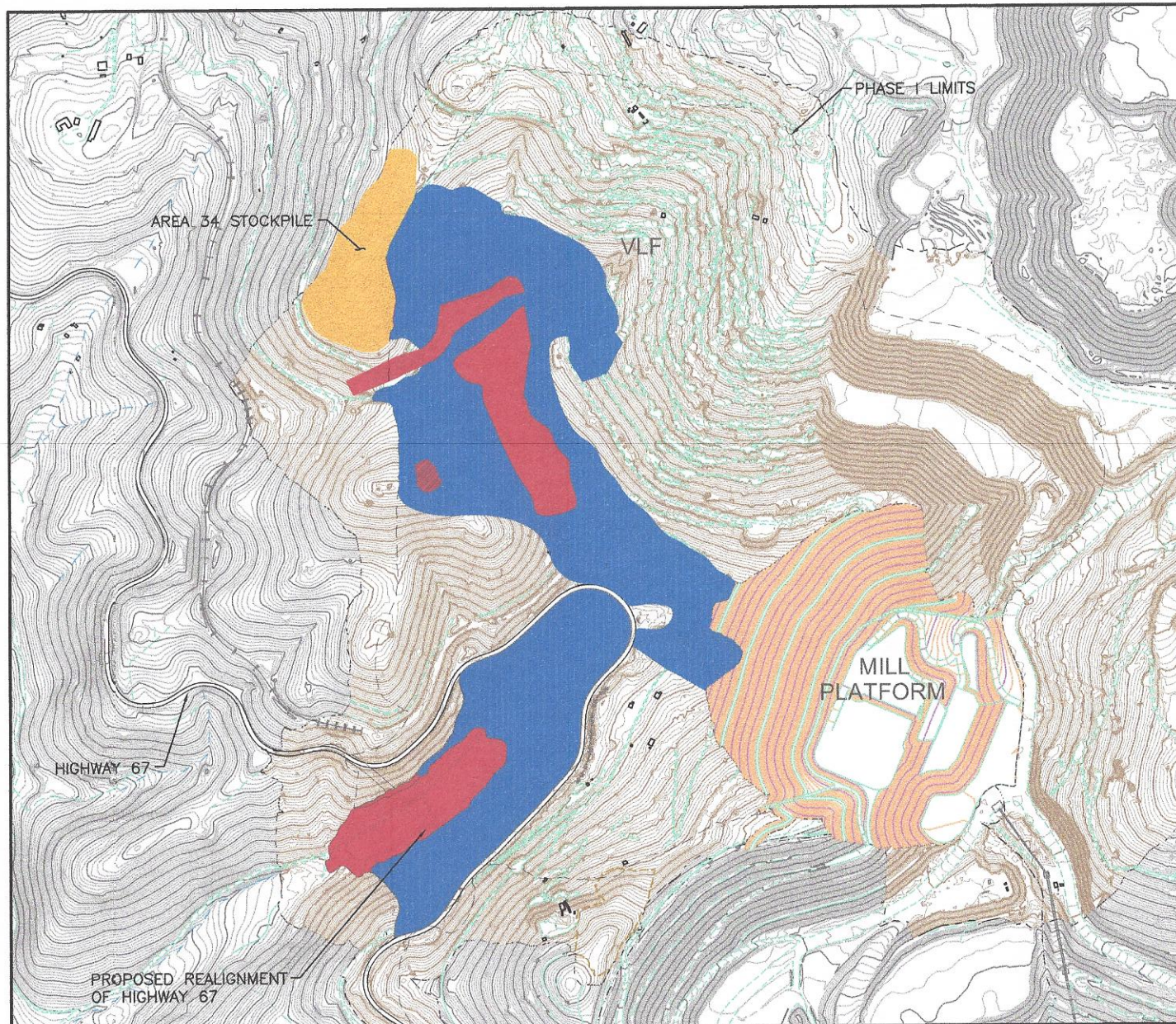
Photo No.2; Unsuitable material use, Test Pad construction



Photo No.3; UG #6018: Removing the shot rock to expose the working



Photo No.4; Unsuitable material removal



LEGEND:

- AREA OF CUT AND FILL
- CLEARING AND GRUBBING
- TOPSOIL STOCKPILE

NOTE:

AREAS SHOWN ARE APPROXIMATE AND NOT TO BE USED AS ACTUAL DESIGN PURPOSES.

CLIENT	CRIPPLE CREEK & VICTOR GOLD MINING COMPANY				
PROJECT	MLE 2 SQUAW GULCH				
TITLE	CLEARING, GRUBBING AND FILL AREAS				
amec	DESIGNED BY	TMC	CHECKED BY	RBR	DATE
	DRAWN BY	RBR	APPROVED BY	TMC	4/27/13
	FILENAME	-		FIGURE NO.	REV
				1	A



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:	74201125N0. ****. ****	Date	05.04.2013
Project:	Squaw Gulch (VLF), Hwy 67 Realignment				
Location:	Cripple Creek & Victor Gold Mine, Colorado				
Contractor:	Ames Construction Co. Inc.				

Reporting Period: 04.28.13 thru 05.04.13

Days	S	M	T	W	T	F	S
Work Shifts	-	D	D	W	D	D	D
	-	N	N	W	W	N	N
D = Day Shift N = Night Shift W = Weather Day							

Ambient Temperature Ranges for reporting period:

Low: 19°F – 42°F
High: 36°F – 64 °F

Weather conditions for reporting period:

Cloud Cover: Cloudy / partly Cloudy /Clear
Precipitation: Snow
Wind: Calm to Gusts at times

Ames: Construction activities were limited on Wednesday the 1st due to weather conditions. In addition no night shift was in operation on Wednesday the 1st and Thursday the 2nd.

Amec: None

Project Issues: None at this time

Planning: Continuing Construction activities and scheduling for VLF and HWY 67.

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (Phase I)

Topsoil Stripping:

An Amec field representative observed topsoil being removed during this reporting period in several locations within the VLF Phase I limits and within the Embankment footprint along the North slope. Approximately 6 inches to 2 feet were removed in various locations throughout the project site. Several 740 articulating haul trucks transported the topsoil to the area 34 stockpile. In addition to topsoil removal, the contractor continued to remove unsuitable materials within the limits of the PSSA. The materials were transported to a designated stockpile with several articulating 740 haul trucks.

Structural Fill:

An Amec field representative observed the fill placement and compaction of structural fill within the Phase I Squaw Gulch VLF and the HWY 67 embankment footprint. (See figure 1). A Cat 563 smooth drum roller was used for the compaction efforts and a Cat D10 and a Cat D8 were utilized to push and place materials as structural fill. Structural fill materials were placed in 18 to 24 inch lifts then compacted (Method specification applies).

In addition an Amec field representative monitored structural fill material temperatures placed within the Phase I Squaw Gulch VLF and the Hwy 67 embankment during all shifts. Average structural fill temperatures were above 32°F

**Secondary Underdrain:**

No work was performed on the Secondary underdrain during this reporting period.

A total of 1380 feet of Secondary underdrain has been completed.

Primary Underdrain:

No work was performed on the Primary underdrain during this reporting period.

A total of 940 feet of Primary underdrain has been completed.

Tree /Slash Clearing, Chipping:

Seed Masters resumed chipping stockpiled trees and slash during this reporting period. Chipping is expected to continue. One "Chipper" and two CAT 330 excavators were in operation.

B) Underground Workings

Confirmatory drilling was not performed during this reporting period, however exploratory excavation was performed on UG working No. 6018 and No. 6051. Excavation will continue for these sites until hard rock is encountered or other methods of remediation occur.

No UG working sites were remediated during this reporting period.

C) Highway 67

MHT#2 is in place and is working properly. Highway 67 embankment fill continued during this reporting period.

II) Storm Water Management

Best Management Practices (BMP) are being performed.

CQA ACTIVITIES:

- I) Field Activities:** Construction activities and observation of clearing and grubbing, VLF Phase I fill and compaction, underground workings, HWY 67 embankment fill placement observation were some of the tasks performed in the field as required per project specifications.
- II) Laboratory Activities:** Laboratory testing continued (Permeability, Particle Size Distribution, Atterberg Limits, Moisture-Density, gradations and material identifications) were some of the laboratory testing performed during this reporting period as required to project specifications.

General Project Items

Meetings and Discussions: Weekly Project Status meeting was held at 10:00am on April 30th between CC&V, CDOT, Ames and Amec. Topics discussed were Safety, Schedule, Project Issues, concerns and planning.

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



CQA Monitor

Submitted by: Thorne Clark

Date: 05.04.13

Thorne M Clark
Amec Project Resident
Ph: 970.846.9337

Approved By: Scott Redick

Date: 5-14-2013



ATTACHMENT A

AMEC - 2013 CQA Field Staff Schedule MLE2

Name	April 28	April 29	April 30	May 01	May 02	May 03	May 04
Thorne Clark	-	PR	PR	PR	PR	PR	-
Steve Rice	-	LS	LS	LS	LS	LS	LS
Uwe Kelley	-	ST	ST	ST	ST	ST	ST
Dennis Koval	-	-	-	-	-	-	-
Ben Melly	-	LG	LG	LG	LG	LG	LG
Robert Redd	-	ST	ST	ST	-	ST	-
Ryan Fesler*	-	ST	ST	ST	ST	ST	ST
*Kevin Duarte	-	ST	ST	-	-	ST	ST
Razi Molloy	-	LT	LT	LT	LT	LT	LT
Mike Nelson	-	-	-	-	-	-	-

*Night shift

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
SE = Senior Engineer

Photographs of daily activities:



Photo No.1; Topsoil stripping within the clay borrow limits



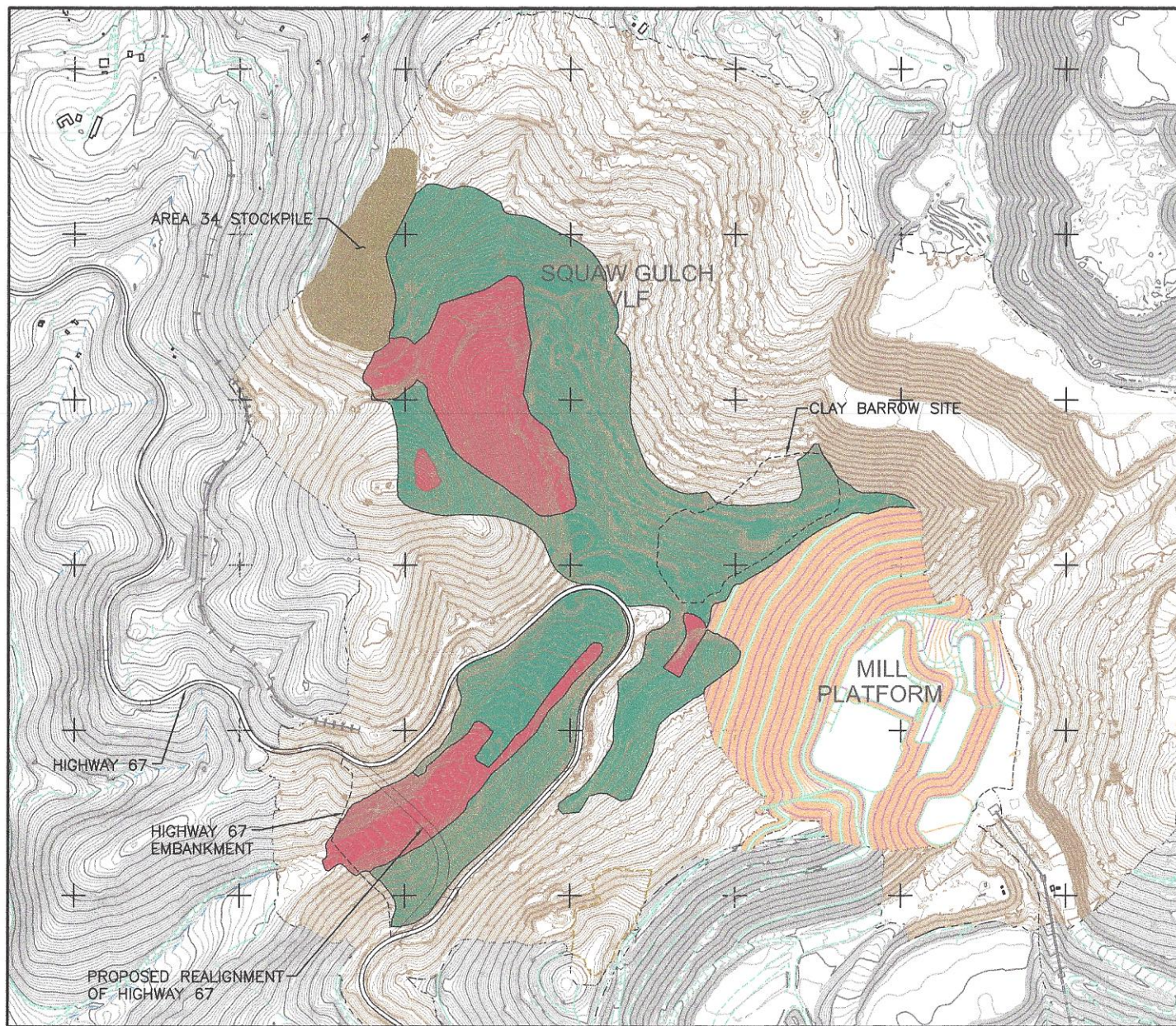
Photo No.2; Production drilling left of the planned ADR haul route.



Photo No. 3; Snow removal at Planned Embankment area.



Photo No. 4; Unsuitable material removal.




LEGEND:

- AREA OF CUT AND FILL
- CLEARING AND GRUBBING
- TOPSOIL STOCKPILE

NOTE:

AREAS SHOWN ARE APPROXIMATE AND NOT TO BE USED AS ACTUAL DESIGN PURPOSES.

CLIENT	CRIPPLE CREEK & VICTOR GOLD MINING COMPANY				
PROJECT	MLE 2 SQUAW GULCH				
TITLE	CLEARING, GRUBBING AND FILL AREAS				
	DESIGNED BY	TMC	CHECKED BY	RSR	DATE
	DRAWN BY	RSR	APPROVED BY	TMC	5/04/15
	FILENAME	FIGURE No.		REV	
	—	1		A	



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:	74201125N0. ****. ****	Date	05.11.2013
Project:	Squaw Gulch (VLF), Hwy 67 Realignment				
Location:	Cripple Creek & Victor Gold Mine, Colorado				
Contractor:	Ames Construction Co. Inc.				

Reporting Period: 05.05.13 thru 05.11.13

Days	S	M	T	W	T	F	S
Work Shifts	-	D	D	W	W	D	D
	-	N	N	W	W	N	N
D = Day Shift N = Night Shift W = Weather Day							

Ambient Temperature Ranges for reporting period:

Low: 25°F – 33°F

High: 36°F – 57°F

Weather conditions for reporting period:

Cloud Cover: Cloudy / partly Cloudy /Clear

Precipitation: Snow

Wind: Calm to Gusts at times

Ames: Construction activities were limited on Wednesday the 8th and Thursday the 9th due to weather conditions. In addition no night shift was in operation on Wednesday the 8th and Thursday the 9th. Construction resumed on Friday the 10th.

Amec: None

Project Issues: None at this time

Planning: Continuing Construction activities and scheduling for VLF and HWY 67.

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (Phase I)

Topsoil Stripping:

An Amec field representative observed topsoil being removed during this reporting period in several locations within the VLF Phase I limits. Approximately 6 inches to 2 feet were removed in various locations throughout the project site. Several 740 articulating haul trucks transported the topsoil to the area 34 stockpile. In addition to topsoil removal, the contractor continued to remove unsuitable materials within the limits of the PSSA. The materials were transported to a designated stockpile with several articulating 740 haul trucks.

Structural Fill:

An Amec field representative observed the fill placement and compaction of structural fill within the Phase I Squaw Gulch VLF and the HWY 67 embankment footprint. (See figure 1). A Cat 563 smooth drum roller was used for the compaction efforts and a Cat D10 and a Cat D8 were utilized to push and place materials as structural fill. Structural fill materials were placed in 18 to 24 inch lifts then compacted (Method specification applies).

In addition to structural fill placement an Amec field representative monitored structural fill material temperatures placed within the Phase I Squaw Gulch VLF and the Hwy 67 embankment during all shifts. Average structural fill temperatures were above 32°F

**Secondary Underdrain:**

No work was performed on the Secondary underdrain during this reporting period.

A total of 1380 feet of Secondary underdrain has been completed.

Primary Underdrain:

No work was performed on the Primary underdrain during this reporting period.

A total of 940 feet of Primary underdrain has been completed.

Tree /Slash Clearing, Chipping:

Seed Masters resumed chipping stockpiled trees and slash during this reporting period. Chipping is expected to continue. One "Chipper" and two CAT 330 excavators were in operation.

B) Underground Workings

Confirmatory drilling continued during the reporting period on UG Working No. U6122. All drill locations were spaced on 4(+/-) foot centers and drilled to specified depth. Exploratory excavation will continue until remediation has been performed.

During this reporting period exploratory excavation was performed on UG working No. 6137. This site will continue with excavation into bedrock as remediation continues as specified.

During this reporting period remediation efforts were performed and completed on UG working No. 6138, No. 6142, No. 6143, No. 6149 and No. 6150. Sites listed were excavated to practical refusal into rock varying depths depending on the working remediated. The site for each working was then backfilled in 2 foot loose lifts to approximate planned subgrade elevation using the onsite structural fill (excavated material) and "bucket tamped" with the back of the CAT 330 excavator bucket. All backfill material was free of organic material, ice and snow and are considered remediated as specified.

C) Highway 67

MHT#2 is in place and is working properly. Highway 67 embankment fill continued during this reporting period.

II) Storm Water Management

Best Management Practices (BMP) are being performed.

CQA ACTIVITIES:

- I) Field Activities:** Construction activities and observation of clearing and grubbing, VLF Phase I fill and compaction, underground workings, HWY 67 embankment fill placement were some of the tasks performed in the field as required per project specifications.
- II) Laboratory Activities:** Laboratory testing continued (Permeability, Particle Size Distribution, Atterberg Limits, Moisture-Density, gradations and material identifications) were some of the laboratory testing performed during this reporting period as required.



General Project Items

Meetings and Discussions: Weekly Project Status meeting was held at 10:00am on May 7th between CC&V, CDOT, Ames and Amec. Topics discussed were Safety, Schedule, Project Issues, concerns and planning.

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

CQA Monitor

Submitted by: Thorne Clark

Date: 05.11.13

Thorne M Clark
Amec Project Resident
Ph: 970.846.9337

Approved By: Scott Redick

Date: 5-24-13



ATTACHMENT A

AMEC - 2013 CQA Field Staff Schedule MLE2

Name	May 5	May 6	May 7	May 8	May 9	May 10	May 11
Thorne Clark	-	PR	PR	PR	PR	PR	PR
Steve Rice	-	LS	LS	-	-	LS	LS
Uwe Kelley	-	ST	ST	ST	ST	-	-
Dennis Koval	-	-	-	-	-	-	-
Ben Melly	-	LG	LG	-	-	LG	LG
Robert Redd	-	ST	ST	ST	ST	ST	ST
Ryan Fesler*	-	ST	ST	ST	-	ST	ST
*Kevin Duarte	-	ST	ST	-	-	ST	ST
Razi Molloy	-	LT	LT	LT	LT	LT	LT
Mike Nelson	-	-	-	-	-	-	-

*Night shift

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
SE = Senior Engineer

Photographs of daily activities:



Photo No. 1; UG #U6122: Confirmatory drilling of working



Photo 2; Subgrade preparation adjacent to Dump 4



Photo 3; Unsuitable material removal



Photo 4; PSSA/Embankment – Looking West



General Project Items

Meetings and Discussions: Weekly Project Status meeting was held at 10:00am on May 7th between CC&V, CDOT, Ames and Amec. Topics discussed were Safety, Schedule, Project Issues, concerns and planning.

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

CQA Monitor

Submitted by: Thorne Clark

Date: 05.11.13

Thorne M Clark
Amec Project Resident
Ph: 970.846.9337

Approved By: Scott Redick

Date: 5-24-13



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:	74201125N0. ****. ****	Date	05.18.2013
Project:	Squaw Gulch (VLF), Hwy 67 Realignment				
Location:	Cripple Creek & Victor Gold Mine, Colorado				
Contractor:	Ames Construction Co. Inc.				

Reporting Period: 05.12.13 thru 05.18.13

Days	S	M	T	W	T	F	S
Work Shifts	-	D	D	D	D	D	D
	-	N	N	N	N	N	N
D = Day Shift N = Night Shift W = Weather Day							

Ambient Temperature Ranges for reporting period:

Low: 32°F – 43°F

High: 54°F – 67°F

Weather conditions for reporting period:

Cloud Cover: Cloudy / partly Cloudy /Clear

Precipitation: P.M. light rain

Wind: Calm to Gusts at times

Ames: None

Amec: None

Project Issues: None at this time

Planning: Continuing Construction activities and scheduling for VLF and HWY 67.

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (Phase I)

Topsoil Stripping:

An Amec field representative observed topsoil being removed during this reporting period in several locations within the VLF Phase I limits. Approximately 6 inches to 2 feet were removed in various locations throughout the project site. Several 740 articulating haul trucks transported the topsoil to the area 34 stockpile. In addition to topsoil removal, the contractor continued to remove unsuitable materials within the limits of the PSSA. The materials were transported to a designated stockpile with several articulating 740 haul trucks.

Structural Fill:

An Amec field representative observed the fill placement and compaction of structural fill within the Phase I Squaw Gulch VLF and the HWY 67 embankment footprint. (See figure 1). A Cat 563 smooth drum roller was used for the compaction efforts and a Cat D10 and a Cat D8 were utilized to push and place materials as structural fill. Structural fill materials were placed in 18 to 24 inch lifts then compacted (Method specification applies).

In addition to the articulating 740 haul trucks the contractor placed into operation on Saturday the 18th several 777 haul trucks utilizing them for structural fill haul to the Hwy 67 embankment.

An Amec field representative monitored structural fill material temperatures placed within the Phase I Squaw Gulch VLF and the Hwy 67 embankment during all shifts. Average structural fill temperatures were above 32°F

**Secondary Underdrain:**

No work was performed on the Secondary underdrain during this reporting period.

A total of 1380 feet of Secondary underdrain has been completed.

Primary Underdrain:

One Cat 330 BL Excavator was used to excavate additional trench from the existing east end of the already placed Primary underdrain pipe. 340 feet of Primary underdrain pipe was installed.

A total of 1280 feet of Primary underdrain has been completed.

Underdrain Ponds:

Formwork and rebar placement occurred early in the week which was followed by concrete placement. Final concrete was placed within the ponds on Friday. An Amec field representative inspected rebar placement and tested for Slump and Air in the field. Samples were obtained for compressive strength testing as-well.

Field inspections and field concrete testing results meet all requirements as specified.

Tree /Slash Clearing, Chipping:

Seed Masters resumed chipping stockpiled trees and slash during this reporting period. Chipping is expected to continue. One "Chipper" and two CAT 330 excavators were in operation.

B) Underground Workings

Confirmatory drilling continued during the reporting period on UG Working No. U6122 and U6136. All drill locations were spaced on 4(+/-) foot centers and drilled to specified depth. Exploratory excavation will continue until remediation has been performed.

During this reporting period exploratory excavation was performed on UG working No. 6144. This site will continue with excavation into bedrock as remediation continues as specified.

During this reporting period remediation efforts were performed and completed on UG working No. 6145. Site listed were excavated to practical refusal into rock varying depths depending on the working remediated. The site for each working was then backfilled in 2 foot loose lifts to approximate planned subgrade elevation using the onsite structural fill (excavated material) and "bucket tamped" with the back of the CAT 330 excavator bucket. All backfill material was free of organic material, ice and snow and are considered remediated as specified.

C) Highway 67

MHT#2 is in place and is working properly. Highway 67 embankment fill continued during this reporting period.

II) Storm Water Management

Best Management Practices (BMP) are being performed.

CQA ACTIVITIES:

- I) **Field Activities:** Construction activities and observation of clearing and grubbing, VLF Phase I fill and compaction, underground workings, HWY 67 embankment fill placement, Underdrain pond construction and concrete testing were some of the tasks performed in the field during this reporting period as required per project specifications.



II) **Laboratory Activities:** Laboratory testing continued (Permeability, Particle Size Distribution, Atterberg Limits, Moisture-Density, gradations and material identifications) were some of the laboratory testing performed during this reporting period as required.

General Project Items

Meetings and Discussions: Weekly Project Status meeting was held at 10:00am on May 14th between CC&V, CDOT, Ames and Amec. Topics discussed were Safety, Schedule, Project Issues, concerns and planning.

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

CQA Monitor

Submitted by: Thorne Clark

Date: 05.18.13

Thorne M Clark
Amec Project Resident
Ph: 970.846.9337

Approved By:

Scott R. Roberts

Date: 6-3-13



ATTACHMENT A

AMEC - 2013 CQA Field Staff Schedule MLE2

Name	May 12	May 13	May 14	May 15	May 16	May 17	May 18
Thorne Clark	-	PR	PR	PR	PR	PR	PR
Steve Rice	-	LS	LS	LS	LS	LS	-
Uwe Kelley	-	ST	ST	ST	ST	ST	ST
Dennis Koval	-	ST	ST	ST	ST	ST	ST
Ben Melly	-	-	LG	LG	LG	LG	LG
Robert Redd	-	-	-	-	-	-	-
Ryan Fesler*	-	ST	ST	ST	ST	-	-
*Kevin Duarte	-	ST	ST	ST	ST	ST	ST
Razi Molloy	-	LT	LT	LT	LT	LT	LT
Mike Nelson	-	-	-	-	-	-	-

*Night shift

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
SE = Senior Engineer

Photographs of daily activities:



Photo 1; Fill material placement and compaction efforts midway VLF

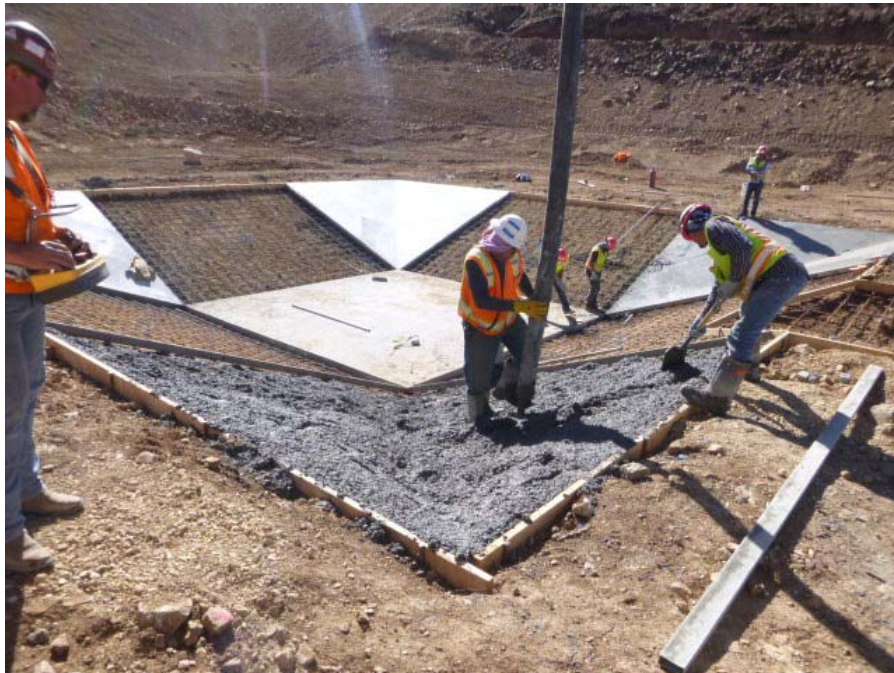


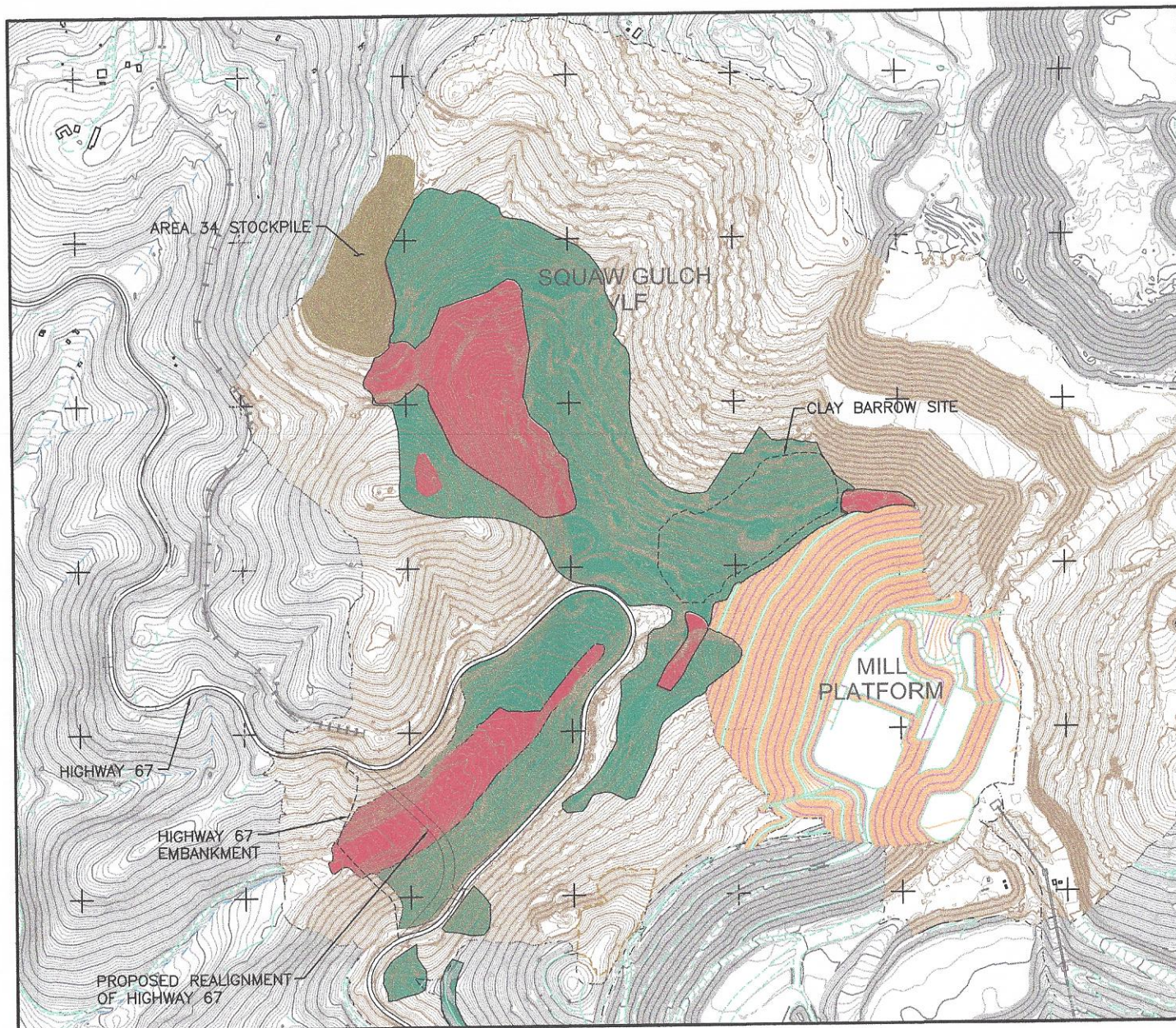
Photo 2; Underdrain ponds, concrete placement



Photo 1; 777D haul truck loadout



Photo 2; Primary Underdrain pipe installation.




LEGEND:

- █ AREA OF CUT AND FILL
- █ CLEARING AND GRUBBING
- █ TOPSOIL STOCKPILE

NOTE:

AREAS SHOWN ARE APPROXIMATE AND NOT TO BE USED AS ACTUAL DESIGN PURPOSES.

CLIENT	CRIPPLE CREEK & VICTOR GOLD MINING COMPANY				
PROJECT	MLE 2 SQUAW GULCH				
TITLE	CLEARING, GRUBBING AND FILL AREAS				
	DESIGNED BY	TMC	CHECKED BY	RBR	DATE
	DRAWN BY	RBR	APPROVED BY	TMC	5/18/13
	FILENAME	—		FIGURE No.	1



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:	74201125N0. ****. ****	Date	05.25.2013
Project:	Squaw Gulch (VLF), Hwy 67 Realignment				
Location:	Cripple Creek & Victor Gold Mine, Colorado				
Contractor:	Ames Construction Co. Inc.				

Reporting Period: 05.19.13 thru 05.25.13

Days	S	M	T	W	T	F	S
Work Shifts	-	D	D	D	D	-	-
	-	N	N	N	N	-	-
D = Day Shift N = Night Shift W = Weather Day							

Ambient Temperature Ranges for reporting period:

Low: 30°F – 52°F

High: 50°F – 86°F

Weather conditions for reporting period:

Cloud Cover: Cloudy / partly Cloudy /Clear

Precipitation: P.M. light rain

Wind: Calm to Gusts at times

Ames: No Construction activities were performed on Friday 5.24.13 due to safety stand down. In addition Saturday 5.25.13 no construction activities were performed due to holiday observance on Monday 5.27.13. Construction is expected to resume on Tuesday 5.28.13

Amec: None

Project Issues: None at this time

Planning: Continuing Construction activities and scheduling for VLF and HWY 67.

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (Phase I)

Topsoil Stripping:

An Amec field representative observed topsoil being removed during this reporting period in several locations within the VLF Phase I limits. Approximately 6 inches to 2 feet were removed in various locations throughout the project site. Several 740 articulating haul trucks transported the topsoil to the area 34 stockpile. In addition to topsoil removal, the contractor continued to remove unsuitable materials within the limits of the PSSA. The materials were transported to a designated stockpile with several articulating 740 haul trucks.

Structural Fill:

An Amec field representative observed the fill placement and compaction of structural fill within the Phase I Squaw Gulch VLF and the HWY 67 embankment footprint. (See figure 1). A Cat 563 smooth drum roller was used for the compaction efforts and a Cat D10 and a Cat D8 were utilized to push and place materials as structural fill. Structural fill materials were placed in 18 to 24 inch lifts then compacted (Method specification applies).

Structural fill generated was transported by several 777 haul trucks from several locations within the Phase I Squaw Gulch VLF and within the limits of the PSSA.



An Amec field representative monitored structural fill material temperatures placed within the Phase I Squaw Gulch VLF and the Hwy 67 embankment during all shifts. Average structural fill temperatures were above 32°F

Secondary Underdrain:

No work was performed on the Secondary underdrain during this reporting period.

A total of 1380 feet of Secondary underdrain has been completed.

Primary Underdrain:

No work was performed on the Primary underdrain during this reporting period.

A total of 1280 feet of Primary underdrain has been completed.

Underdrain Ponds:

Concrete for the underdrain Ponds are complete, no other work was performed.

Field inspections and field concrete testing results meet all requirements as specified.

Tree /Slash Clearing, Chipping:

Seed Masters resumed chipping stockpiled trees and slash during this reporting period. Chipping is expected to continue. One "Chipper" and two CAT 330 excavators were in operation.

B) Underground Workings

Confirmatory drilling continued during the reporting period on UG Working No. U6136. All drill locations were spaced on 4(+/-) foot centers and drilled to specified depth. Exploratory excavation will continue until remediation has been performed.

During this reporting period no exploratory excavation was performed.

During this reporting period no remediation efforts were performed.

C) Highway 67

MHT#2 is in place and is working properly. Highway 67 embankment fill continued during this reporting period.

II) Storm Water Management

Best Management Practices (BMP) are being performed.

CQA ACTIVITIES:

I) Field Activities: Construction activities and observation of clearing and grubbing, VLF Phase I fill and compaction, underground workings, HWY 67 embankment fill placement, were some of the field tasks performed during this reporting period as required per project specifications.

II) Laboratory Activities: Laboratory testing continued (Permeability, Particle Size Distribution, Atterberg Limits, Moisture-Density, gradations and material identifications) and material sampling were some of the laboratory testing performed during this reporting period as required.

General Project Items



Meetings and Discussions: Weekly Project Status meeting was held at 10:00am on May 21st between CC&V, CDOT, Ames and Amec. Topics discussed were Safety, Schedule, Project Issues, concerns and planning.

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

CQA Monitor

Submitted by: Thorne Clark

Date: 05.25.13

Thorne M Clark
Amec Project Resident
Ph: 970.846.9337

Approved By: Scott Rudolph

Date: 6-4-13



ATTACHMENT A

AMEC - 2013 CQA Field Staff Schedule MLE2

Name	May 19	May 20	May 21	May 22	May 23	May 24	May 25
Thorne Clark	-	PR	PR	PR	PR	PR	-
Steve Rice	-	LS	LS	LS	LS	-	-
Uwe Kelley	-	ST	ST	ST	ST	-	-
Dennis Koval	-	ST	ST	ST	ST	ST	-
Ben Melly	-	LG	LG	LG	LG	LG	-
Robert Redd	-	ST	ST	ST	ST	ST	-
Ryan Fesler*	-	ST	ST	ST	ST	ST	-
*Kevin Duarte	-	ST	ST	ST	ST	-	-
Razi Molloy	-	LT	LT	LT	LT	LT	-
Mike Nelson	-	-	-	-	-	-	-

*Night shift

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
SE = Senior Engineer

Photographs of daily activities:



Photo 1; A John Deere 850D Excavator loading a 740 haul truck.



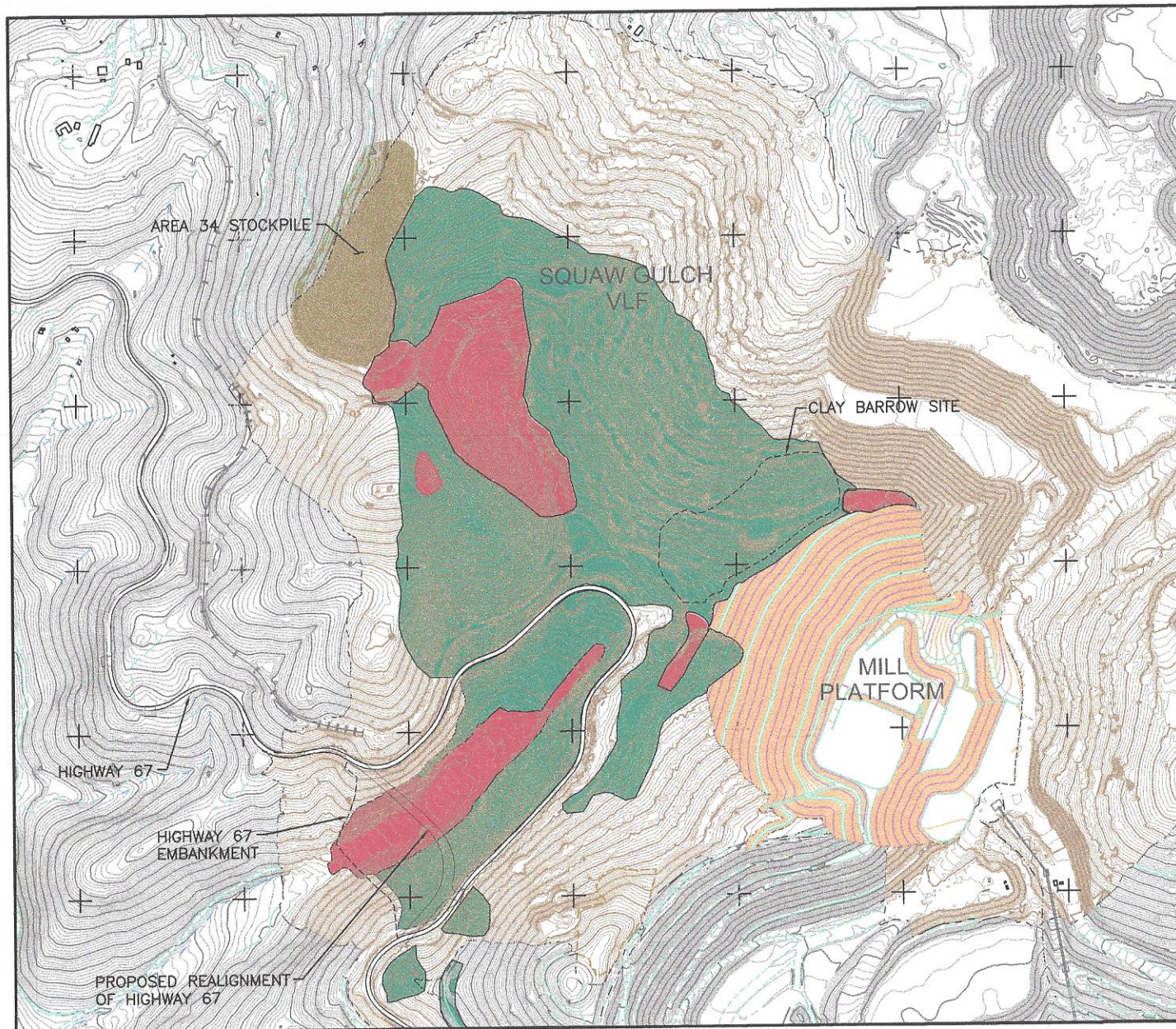
Photo 2; Structural fill placement, Highway 67 embankment.



Photo 3; Highway 67 embankment fill.



Photo 4; Continued confirmatory drilling on UG #U6136 (Unknown)




LEGEND:

- █ AREA OF CUT AND FILL
- █ CLEARING AND GRUBBING
- █ TOPSOIL STOCKPILE

NOTE:

AREAS SHOWN ARE APPROXIMATE AND NOT TO BE USED AS ACTUAL DESIGN PURPOSES.

CLIENT	CRIPPLE CREEK & VICTOR GOLD MINING COMPANY				
PROJECT	MLE 2 SQUAW GULCH				
TITLE	CLEARING, GRUBBING AND FILL AREAS				
	DESIGNED BY	TMC	CHECKED BY	RBR	DATE
	DRAWN BY	RBR	APPROVED BY	TMC	5/25/13
	FIGURE —		FIGURE NO.	1	REV A



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:	74201125N0. ****. ****	Date	06.01.2013
Project:	Squaw Gulch (VLF), Hwy 67 Realignment				
Location:	Cripple Creek & Victor Gold Mine, Colorado				
Contractor:	Ames Construction Co. Inc.				

Reporting Period: 05.26.13 thru 06.01.13

Days	S	M	T	W	T	F	S
Work Shifts	-	-	D	D	D	D	D
	-	-	N	N	N	N	N
D = Day Shift N = Night Shift W = Weather Day							

Ambient Temperature Ranges for reporting period:

Low: 33°F – 49°F

High: 57°F – 70°F

Weather conditions for reporting period:

Cloud Cover: Cloudy / partly Cloudy /Clear

Precipitation: None

Wind: Calm to Gusts at times

Ames: No Construction activities were performed on Monday 5.27.13 due to holiday observance. Construction is resumed on Tuesday 5.28.13

Amec: None

Project Issues: None at this time

Planning: Continuing Construction activities and scheduling for VLF and HWY 67.

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (Phase I)

Topsoil Stripping:

An Amec field representative observed topsoil being removed during this reporting period in several locations within the VLF Phase I limits. Approximately 6 inches to 2 feet were removed in various locations throughout the project site. Several 740 articulating haul trucks were utilized for transporting topsoil to the area 34 stockpile. In addition to topsoil removal, the contractor continued to remove unsuitable materials within the limits of the PSSA. The materials were transported to a designated stockpile with several 740 articulating haul trucks.

It should be noted the last of the unsuitable materials were removed from within the limits of the PSSA on Thursday 05.30.13.

Structural Fill:

An Amec field representative observed the fill placement and compaction of structural fill within the Phase I Squaw Gulch VLF and the HWY 67 embankment footprint. (See figure 1). A Cat 563 smooth drum roller was used for the compaction efforts and a Cat D10 and a Cat D8 were utilized to push and place materials as structural fill. Structural fill materials were placed in 18 to 24 inch lifts then compacted (Method specification applies).



Production drilling was performed during this reporting period within the planned PSSA limits and several locations within the Phase I Squaw Gulch VLF. Material generated was transported by several 777 haul trucks and used as structural fill within the HWY 67 embankment.

An Amec field representative monitored structural fill material temperatures placed within the Phase I Squaw Gulch VLF and the Hwy 67 embankment during all shifts. Average structural fill temperatures were above 32°F

Secondary Underdrain:

No work was performed on the Secondary underdrain during this reporting period.

A total of 1380 feet of Secondary underdrain has been completed.

Primary Underdrain:

No work was performed on the Primary underdrain during this reporting period.

A total of 1280 feet of Primary underdrain has been completed.

Underdrain Ponds:

Concrete for the underdrain Ponds is complete, no other work was performed.

Field inspections and field concrete testing results meet all requirements as specified.

Tree /Slash Clearing, Chipping:

Seed Masters continued chipping stockpiled trees and slash during this reporting period. Chipping is expected to continue. One "Chipper" and two CAT 330 excavators were in operation.

B) Underground Workings

During this reporting period no Confirmatory drilling was performed.

During this reporting period no exploratory excavation was performed.

During this reporting period no remediation efforts were performed.

C) Highway 67

MHT#2 is in place and is working properly. Highway 67 embankment fill continued during this reporting period.

II) Storm Water Management

Best Management Practices (BMP) are being performed.

CQA ACTIVITIES:

I) Field Activities: Construction activities and observation of clearing and grubbing, VLF Phase I fill and compaction, underground workings, HWY 67 embankment fill placement, were some of the field tasks performed during this reporting period as required per project specifications.

II) Laboratory Activities: Laboratory testing continued (Permeability, Particle Size Distribution, Atterberg Limits, Moisture-Density, gradations and material identifications) and material sampling were some of the laboratory testing performed during this reporting period as required.



General Project Items

Meetings and Discussions: Weekly Project Status meeting was held at 10:00am on May 30th between CC&V, Amec and Amec. Topics discussed were Safety, Schedule, Project Issues, concerns and planning.

Summary of Concerns: None

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

Miscellaneous: None

Deliveries: None

CQA Monitor

Submitted by: Thorne Clark

Date: 06.01.13

Thorne M Clark
Amec Project Resident
Ph: 970.846.9337

Approved By:

Scott Redolph

Date: 6-4-13



ATTACHMENT A

AMEC - 2013 CQA Field Staff Schedule MLE2

Name	May 26	May 27	May 28	May 29	May 30	May 31	June 01
Thorne Clark	-	-	PR	PR	PR	PR	-
Steve Rice	-	-	LS	LS	LS	LS	-
Uwe Kelley	-	-	ST	ST	ST	ST	ST
Dennis Koval	-	-	ST	ST	ST	ST	ST
Ben Melly	-	-	LG	LG	LG	LG	LG
Robert Redd	-	-	ST	ST	ST	ST	ST
Ryan Fesler*	-	-	ST	ST	ST	ST	ST
*Kevin Duarte	-	-	ST	ST	ST	ST	ST
Razi Molloy	-	-	LT	LT	LT	LT	LT
Mike Nelson	-	-	-	-	-	-	-

*Night shift

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
SE = Senior Engineer

Photographs of daily activities:



Photo 1: Providing access for confirmatory drilling, west side of the "Anaconda" working



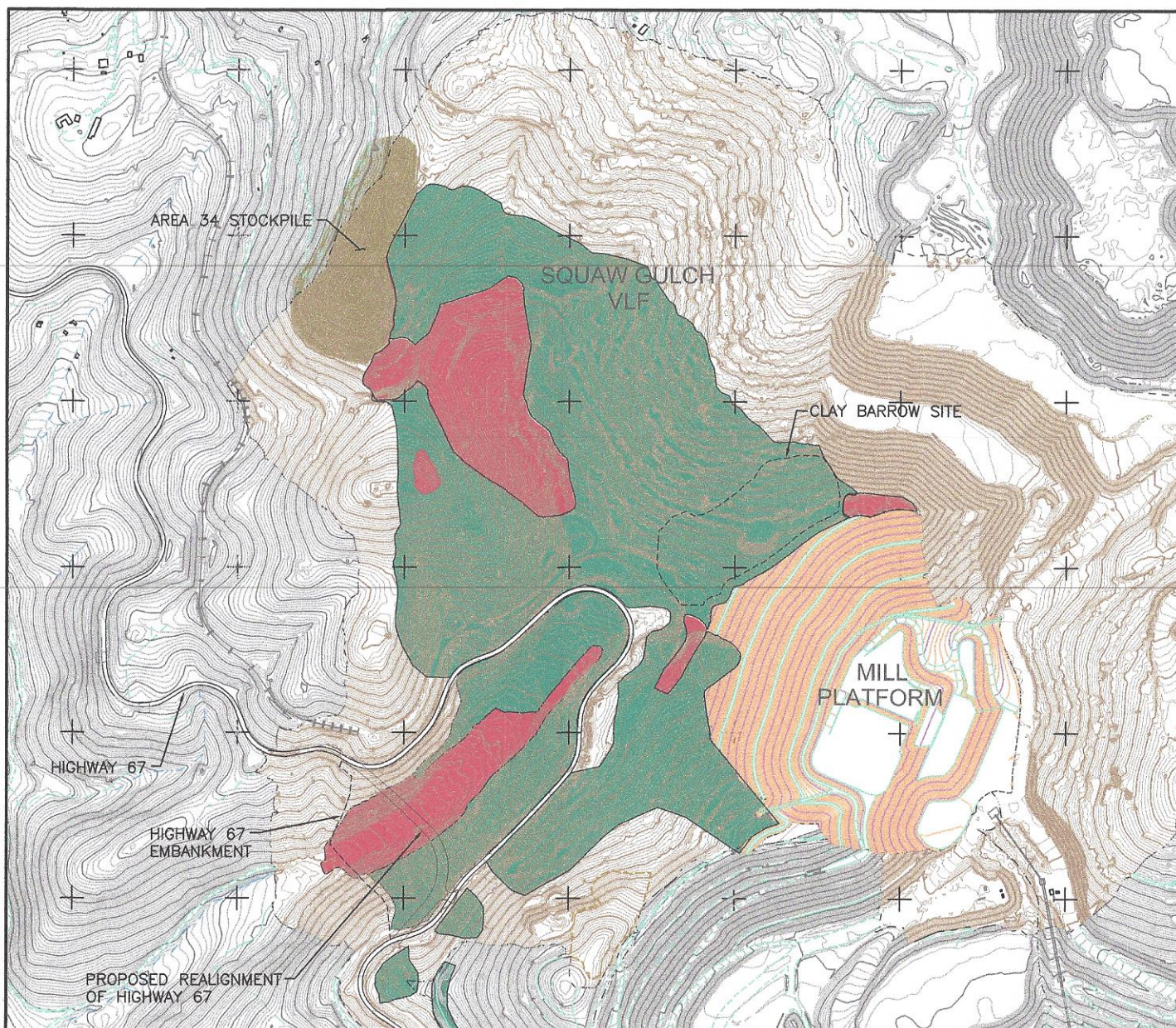
Photo 2: Embankment structural fill placement and compaction.



Photo 3: One CAT D10T Dozer “feeding” structural fill to a CAT 992K Front End loader.



Photo 4: D10T Dozer spreading structural fill material for the HWY 67 embankment



LEGEND:

- AREA OF CUT AND FILL
- CLEARING AND GRUBBING
- TOPSOIL STOCKPILE

NOTE:

AREAS SHOWN ARE APPROXIMATE AND NOT TO BE USED AS ACTUAL DESIGN PURPOSES.

CLIENT	CRIPPLE CREEK & VICTOR GOLD MINING COMPANY			
PROJECT	MLE 2 SQUAW GULCH			
TITLE	CLEARING, GRUBBING AND FILL AREAS			
DESIGNED BY	TMC	CHECKED BY	RBR	DATE
DRAWN BY	RBR	APPROVED BY	TMC	8/01/13
FILENAME	—		FIGURE No.	1
			REV	A

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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:	74201125N0. ****. ****	Date	06.08.2013
Project:	Squaw Gulch (VLF), Hwy 67 Realignment				
Location:	Cripple Creek & Victor Gold Mine, Colorado				
Contractor:	Ames Construction Co. Inc.				

Reporting Period: 06.02.13 thru 06.08.13

Days	S	M	T	W	T	F	S
Work Shifts	-	D	D	D	D	D	D
	-	N	N	N	N	N	N
D = Day Shift N = Night Shift W = Weather Day							

Ambient Temperature Ranges for reporting period:

Low: 44°F – 49°F

High: 55°F – 88°F

Weather conditions for reporting period:

Cloud Cover: Cloudy / partly Cloudy /Clear

Precipitation: P.M. Showers

Wind: Calm to Gusts at times

Ames: None

Amec: None

Project Issues: None at this time

Planning: Continuing Construction activities and scheduling for VLF and HWY 67.

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (Phase I)

Topsoil Stripping:

An Amec field representative observed topsoil being removed during this reporting period in several locations within the VLF Phase I limits. Approximately 6 inches to 2 feet were removed in various locations throughout the project site. Cat 740 articulating haul trucks were utilized to transport the topsoil to area 34 stockpile.

Structural Fill:

An Amec field representative observed the placement and compaction of structural fill for the HWY 67 embankment. (See Figure 1). A Cat 563 smooth drum roller was used for compaction efforts and a Cat D10 and a Cat D8 were utilized to push and place materials as structural fill in 18 to 24 inch lifts, then compacted by Method specification.

Production drilling was performed during this reporting period within the planned limits of the PSSA and several locations within the Phase I Squaw Gulch VLF. Material generated was transported by Cat 777 haul trucks and used as structural fill within the HWY 67 embankment.

An Amec field representative monitored structural fill material temperatures placed within the Hwy 67 embankment during all shifts. Average structural fill temperatures were above 32°F

Secondary Underdrain:

No work was performed on the Secondary underdrain during this reporting period.



A total of 1380 feet of Secondary underdrain has been completed.

Primary Underdrain:

No work was performed on the Primary underdrain during this reporting period.

A total of 1280 feet of Primary underdrain has been completed.

Temporary Underdrain:

A CAT 345 excavator was observed excavating the pipe trench for future placement of the Temporary underdrain pipe thru the Hwy 67 embankment. Pipe welding and installation is planned for Sunday June 9th.

Underdrain Ponds:

Concrete for the underdrain Ponds are complete, no other work was performed.

Tree /Slash Clearing, Chipping:

Seed Masters paused operations until further notice.

B) Underground Workings

Confirmatory drilling continued during the reporting period on UG Working No. 6158 and U6136. All drill locations were spaced on 4(+/-) foot centers and drilled to specified depth. Exploratory excavation will continue until remediation has been performed.

During this reporting period no exploratory excavation was performed.

During this reporting period no remediation efforts were performed or completed.

C) Highway 67

MHT#2 is in place and is working properly. Highway 67 embankment fill continued during this reporting period.

II) Storm Water Management

Best Management Practices (BMP) are being performed.

CQA ACTIVITIES:

I) Field Activities: Construction activities and observation of clearing and grubbing within the VLF Phase I limits, underground workings, HWY 67 embankment fill placement, were field tasks performed during this reporting period as required per project specifications.

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

General Project Items

Meetings and Discussions: Weekly Project Status meeting was held at 10:00am on June 4th between CC&V, Ames and Amec. Topics discussed were Safety, Schedule, Project Issues, concerns and planning.

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

CQA Monitor

Submitted by: Thorne Clark

Date: 06.08.13

Thorne M Clark
Amec Project Resident
Ph: 970.846.9337

Approved By: Scott Dudchuk

Date: 6-19-13



ATTACHMENT A

AMEC - 2013 CQA Field Staff Schedule MLE2

Name	June 2	June 3	June 4	June 5	June 6	June 7	June 8
Thorne Clark	-	PR	PR	PR	PR	PR	PR
Steve Rice	-	LS	LS	LS	LS	LS	-
Uwe Kelley	-	ST	ST	ST	ST	ST	-
Dennis Koval	-	-	-	ST	-	-	-
Ben Melly	-	LG	LG	LG	LG	LG	LG
Robert Redd	-	ST	ST	ST	ST	ST	ST
Ryan Fesler*	-	ST	ST	ST	ST	ST	ST
*Kevin Duarte	-	ST	ST	ST	ST	ST	ST
Razi Molloy	-	LT	LT	LT	LT	LT	LT
Mike Nelson	-	-	-	-	-	-	-

*Night shift

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
SE = Senior Engineer

Photographs of daily activities:



Photo 1: CAT D10 dozer feeding "shot" rock as Structural Fill



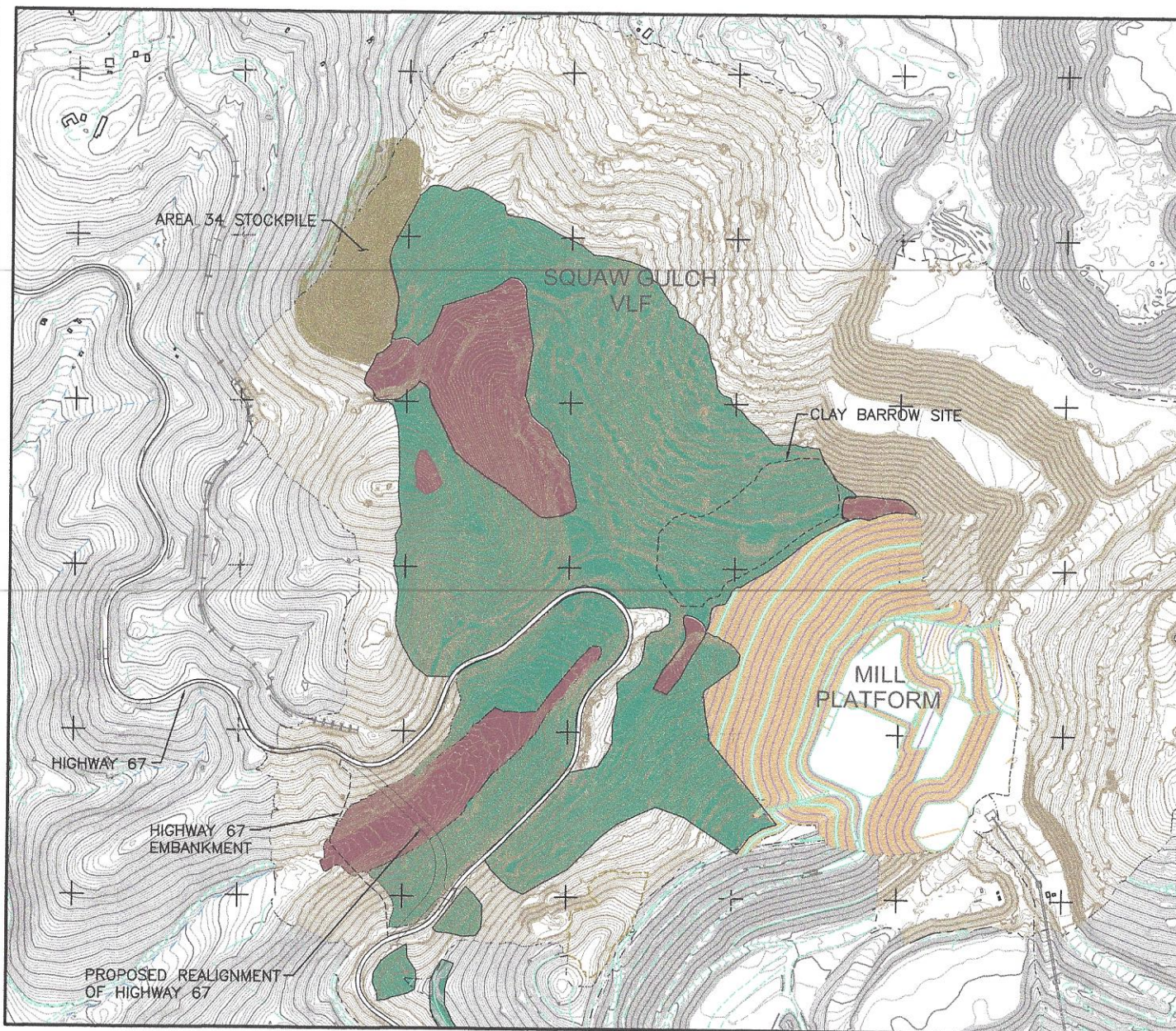
Photo 2: loading structural fill for embankment



Photo 3: Hwy 67 Embankment, Looking West



Photo 4: VLF Overall View, Looking North



LEGEND:

- AREA OF CUT AND FILL
- CLEARING AND GRUBBING
- TOPSOIL STOCKPILE

NOTE:

AREAS SHOWN ARE APPROXIMATE AND NOT TO BE USED AS ACTUAL DESIGN PURPOSES.

CLIENT	CRIPPLE CREEK & VICTOR GOLD MINING COMPANY			
PROJECT	MLE 2 SQUAW GULCH			
TITLE	CLEARING, GRUBBING AND FILL AREAS			
DESIGNED BY	TAC	CHECKED BY	RBR	DATE
DRAWN BY	RBR	APPROVED BY	TAC	8/26/13
FILENAME	-		FIGURE NO.	1
			REV	A

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**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:	74201125N0. ****. ****	Date	06.15.2013
Project:	Squaw Gulch (VLF), Hwy 67 Realignment				
Location:	Cripple Creek & Victor Gold Mine, Colorado				
Contractor:	Ames Construction Co. Inc.				

Reporting Period: 06.09.13 thru 06.15.13

Days	S	M	T	W	T	F	S
Work Shifts	D	D	D	D	D	D	D
	-	N	N	N	N	N	-
D = Day Shift N = Night Shift W = Weather Day							

Ambient Temperature Ranges for reporting period:

Low: 43°F – 48°F

High: 72°F – 80°F

Weather conditions for reporting period:

Cloud Cover: Cloudy / partly Cloudy /Clear

Precipitation: Light P.M. Showers

Wind: Calm to Gusts at times

Ames: Night shift was not in operation on Saturday 6.15.13

Amec: None

Project Issues: None at this time

Planning: Continuing Construction activities and scheduling for VLF and HWY 67.

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (Phase I)

Topsoil Stripping:

An Amec field representative observed topsoil being removed during this reporting period in several locations within the VLF Phase I limits and the North Slope abutment for Hwy 67 embankment. Approximately 6 inches to 2 feet were removed in various locations throughout the project site. Cat 740 articulating haul trucks were utilized to transport the topsoil to area 34 stockpile.

Structural Fill:

Production drilling was performed during this reporting period within the planned limits of the PSSA and several locations within the Phase I Squaw Gulch VLF.

Four production blasts's occurred during this reporting period. Material generated was transported by Cat 777 haul trucks and used as structural fill within the HWY 67 embankment.

An Amec field representative observed the placement and compaction of structural fill for the HWY 67 embankment. (See Figure 1). A Cat D10 and a Cat D8 were utilized to push and place structural fill in 18 to 24 inch loose lifts, then compacted each lift with a minimum of 4 passes (by Method specification) using a Cat 563 smooth drum roller.

An Amec field representative monitored structural fill material temperatures placed within the Hwy 67 embankment during all shifts. Average structural fill temperatures were above 32°F

**Secondary Underdrain:**

No work was performed on the Secondary underdrain during this reporting period.

A total of 1380 feet of Secondary underdrain has been completed.

Primary Underdrain:

No work was performed on the Primary underdrain during this reporting period.

A total of 1280 feet of Primary underdrain has been completed.

Temporary Underdrain:

An amec field representative observed the fusing and placement of the temporary underdrain pipe on June 9th. The temporary underdrain pipe was installed thru the embankment per plans during this reporting period.

Underdrain Ponds:

Concrete for the underdrain Ponds are complete, no other work was performed.

Tree /Slash Clearing, Chipping:

Seed Masters paused operations until further notice.

B) Underground Workings

Confirmatory drilling completed during the reporting period on UG Working No. U6136. All drill locations were spaced on 4(+/-) foot centers and drilled to specified depth.

During this reporting period no exploratory excavation was performed.

During this reporting period remediation efforts were performed and completed on UG working No. U6035, No. U6037, No. U6160, No. U6162, No. U6163, No. U6164 and No U6165. Sites listed were excavated to practical refusal into rock varying depths depending on the working remediated. The site for each working was then backfilled in 2 foot loose lifts to approximate planned subgrade elevation using the onsite structural fill (excavated material) and "bucket tamped" with the back of the CAT 330 excavator bucket. All backfill material was free of organic material, ice and snow and are considered remediated as specified

C) Highway 67

Fill continues to be placed and compacted by method specification. A GPS dozer was observed shaping the western downstream slope of the embankment.

II) Storm Water Management

Best Management Practices (BMP) are being performed.

CQA ACTIVITIES:

I) Field Activities: Construction activities and observation for underground working remediation efforts, HWY 67 embankment fill placement and compaction, temporary underdrain pipe placement, topsoil removal and field sampling are field tasks performed during this reporting period as required per project specifications.

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



General Project Items

Meetings and Discussions: Weekly Project Status meeting was held at 10:00am on June 11th between CC&V, Amec and Amec. Topics discussed were Safety, Schedule, Project Issues, concerns and planning.

Summary of Concerns: None

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

Miscellaneous: None

Deliveries: None

CQA Monitor

Submitted by:  Thorne Clark

Date: 06.15.13

Thorne M Clark
Amec Project Resident
Ph: 970.846.9337

Approved By: 

Date: 7-1-13



ATTACHMENT A

AMEC - 2013 CQA Field Staff Schedule MLE2

Name	June 9	June 10	June 11	June 12	June 13	June 14	June 15
Thorne Clark	PR	PR	PR	PR	PR	PR	PR
Steve Rice	-	LS	LS	LS	LS	-	-
Uwe Kelley	-	-	ST	ST	ST	ST	-
Dennis Koval	-	-	-	-	-	-	-
Ben Melly	LG	LG	LG	LG	LG	LG	-
Robert Redd	-	ST	ST	ST	ST	ST	-
Ryan Fesler*	-	ST	ST	ST	ST	-	-
*Kevin Duarte	-	ST	ST	ST	ST	ST	-
Razi Molloy	-	LT	LT	LT	LT	LT	LT
Max Jessen							ST
Mike Nelson	-	-	-	-	-	-	-

*Night shift

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
SE = Senior Engineer

Photographs of daily activities:



Photo 1: UG #U6130, Shallow shaft remediation



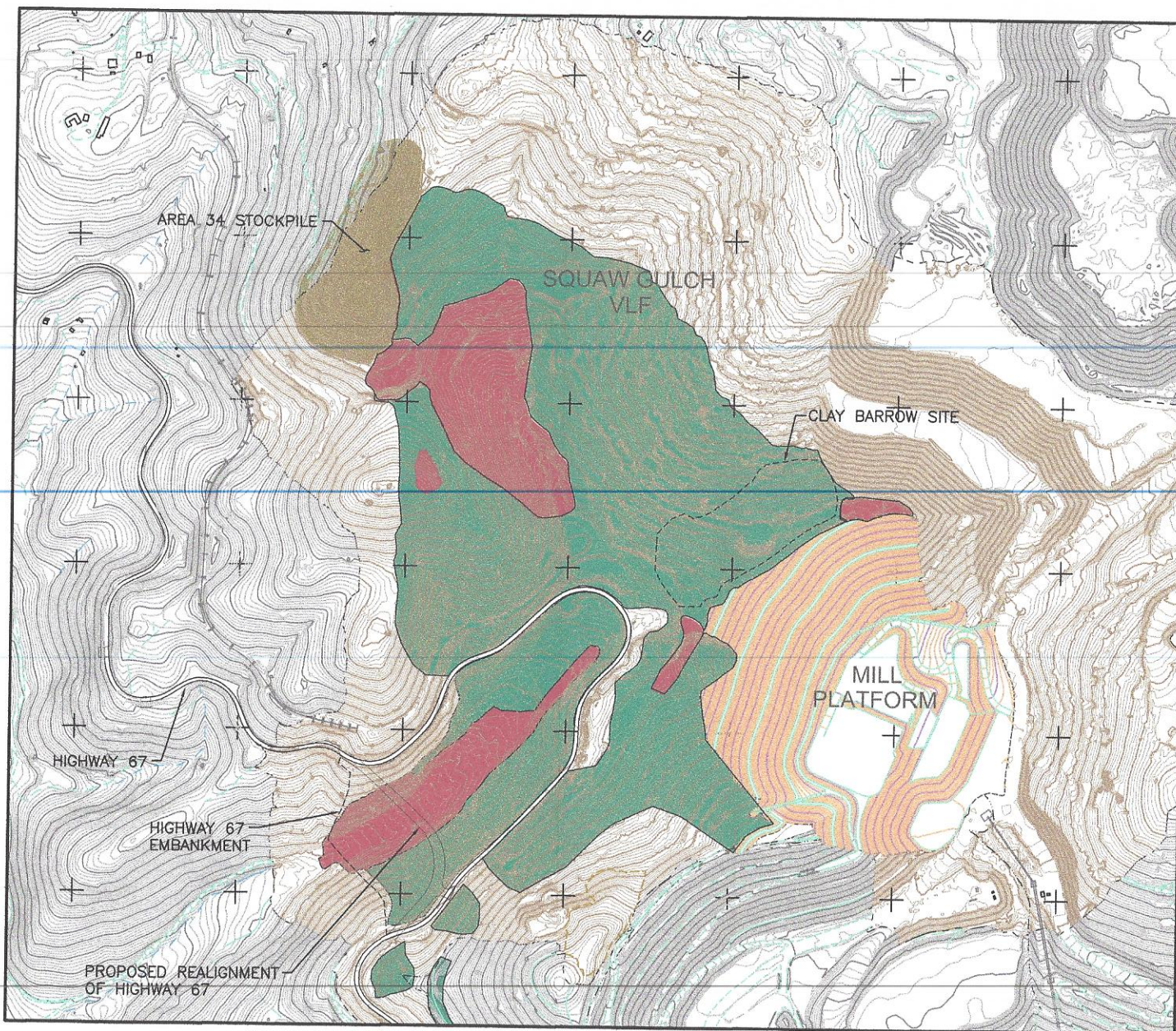
Photo 2: John Deere 870 excavator loading several CAT 740 haul trucks with generated structural fill.



Photo 3: Topsoil Stripping



Photo 4: Production drilling near station E6+50.



LEGEND:

- AREA OF CUT AND FILL
- CLEARING AND GRUBBING
- TOPSOIL STOCKPILE

NOTE:

AREAS SHOWN ARE APPROXIMATE AND NOT TO BE USED AS ACTUAL DESIGN PURPOSES.

CLIENT		CRIPPLE CREEK & VICTOR GOLD MINING COMPANY			
PROJECT		MLE 2 SQUAW GULCH			
TITLE		CLEARING, GRUBBING AND FILL AREAS			
DESIGNED BY	TMC	CHECKED BY	RBR	DATE	
DRAWN BY	RBR	APPROVED BY	TMC	8/15/13	
FILENAME		FIGURE NO.		REV	
-		1		A	

amec



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:	74201125N0. ****. ****	Date	06.22.2013
Project:	Squaw Gulch (VLF), Hwy 67 Realignment				
Location:	Cripple Creek & Victor Gold Mine, Colorado				
Contractor:	Ames Construction Co. Inc.				

Reporting Period: 06.16.13 thru 06.22.13

Days	S	M	T	W	T	F	S
Work Shifts	-	D	D	D	D	D	D
	-	N	N	N	N	N	-
D = Day Shift N = Night Shift W = Weather Day							

Ambient Temperature Ranges for reporting period:

Low: 42°F – 48°F

High: 71°F – 79°F

Weather conditions for reporting period:

Cloud Cover: Cloudy / partly Cloudy /Clear

Precipitation: Light P.M. Showers

Wind: Calm to Gusts at times

Ames: Night shift was not in operation on Saturday 6.22.13

Amec: None

Project Issues: Haul Road design – Mine operations in review process of needs concerning width

Planning: Continuing Construction activities and scheduling for VLF and HWY 67.

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (Phase I)

Topsoil Stripping:

An Amec field representative observed topsoil being removed during this reporting period in several locations within the VLF Phase I limits. Approximately 6 inches to 2 feet were removed in various locations throughout the project site. Cat 740 articulating haul trucks were utilized to transport the topsoil to area 34 stockpile.

Overburden removal occurred during this reporting period at the Cameron clay borrow area. Material was removed using one Cat 345 excavator and 740 haul trucks. Material was transported to a designated area. Overburden is expected to continue.

Structural Fill:

Production drilling was performed during this reporting period within the planned limits of the PSSA.

Four production blasts's occurred during this reporting period within the planned VLF Phase I limit's. In addition "cut" material was generated as structural fill using several Cat dozers in several locations within the VLF Phase I limits. Material generated was transported by Cat 777 haul trucks and used as structural fill within the HWY 67 embankment.

An Amec field representative observed the placement and compaction of structural fill for the HWY 67 embankment. (See Figure 1). A Cat D10 and a Cat D8 were utilized to push and place structural fill in 18 to 24 inch loose lifts, then



compacted each lift with a minimum of 4 passes (by Method specification) using a Cat 563 smooth drum roller. In addition a Cat 330 hammer hoe was used to split rock in excess of 24-inches, prior to compaction efforts.

An Amec field representative monitored structural fill material temperatures placed within the Hwy 67 embankment during all shifts. Average structural fill temperatures were above 32°F

Secondary Underdrain:

No work was performed on the Secondary underdrain during this reporting period.

A total of 1380 feet of Secondary underdrain has been completed.

Primary Underdrain:

No work was performed on the Primary underdrain during this reporting period.

A total of 1280 feet of Primary underdrain has been completed.

Temporary Underdrain:

Temporary underdrain pipe is installed thru the embankment. No other work occurred during this reporting period.

Underdrain Ponds:

Concrete for the underdrain Ponds are complete. No other work was performed.

Tree /Slash Clearing, Chipping:

Seed Masters paused operations until further notice.

B) Underground Workings

During this reporting period no Confirmatory drilling occurred.

During this reporting period no exploratory excavation was performed.

During this reporting period no remediation efforts were performed.

C) Highway 67

Fill continues to be placed and compacted by method specification. A GPS dozer was observed shaping the western downstream slope of the embankment.

II) Storm Water Management

Best Management Practices (BMP) are being performed.

CQA ACTIVITIES:

I) Field Activities: Construction activities and observation for production drilling, cut, HWY 67 embankment fill placement and compaction, topsoil removal, overburden removal and field sampling were performed during this reporting period as required per project specifications.

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



General Project Items

Meetings and Discussions: Weekly Project Status meeting was held at 10:00am on June 18th between CC&V, Amec and Amec. Topics discussed were Safety, Schedule, Project Issues, concerns and planning.

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

CQA Monitor

Submitted by: Thorne Clark

Date: 06.22.13

Thorne M Clark
Amec Project Resident
Ph: 970.846.9337

Approved By: Scott Pulaski

Date: 7-1-13



ATTACHMENT A

AMEC - 2013 CQA Field Staff Schedule MLE2

Name	June 16	June 17	June 18	June 19	June 20	June 21	June 22
Thorne Clark	-	PR	PR	PR	PR	-	-
Steve Rice	-	LS	LS	LS	LS	LS	-
Uwe Kelley	-	ST	ST	-	ST	ST	ST
Dennis Koval	-	-	-	-	-	-	-
Ben Melly	-	LG	LG	LG	-	LG	LG
Robert Redd	-	ST	ST	ST	ST	ST	-
Ryan Fesler*	-	ST	ST	ST	ST	ST	ST
*Kevin Duarte	-	ST	ST	ST	ST	ST	-
Razi Molloy	-	LT	LT	LT	LT	LT	LT
Max Jessen		ST	ST	ST	ST	ST	-
Mike Nelson	-	-	-	-	-	-	-

*Night shift

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
SE = Senior Engineer

Photographs of daily activities:



Photo 1: Generated structural fill approximate station E9+00



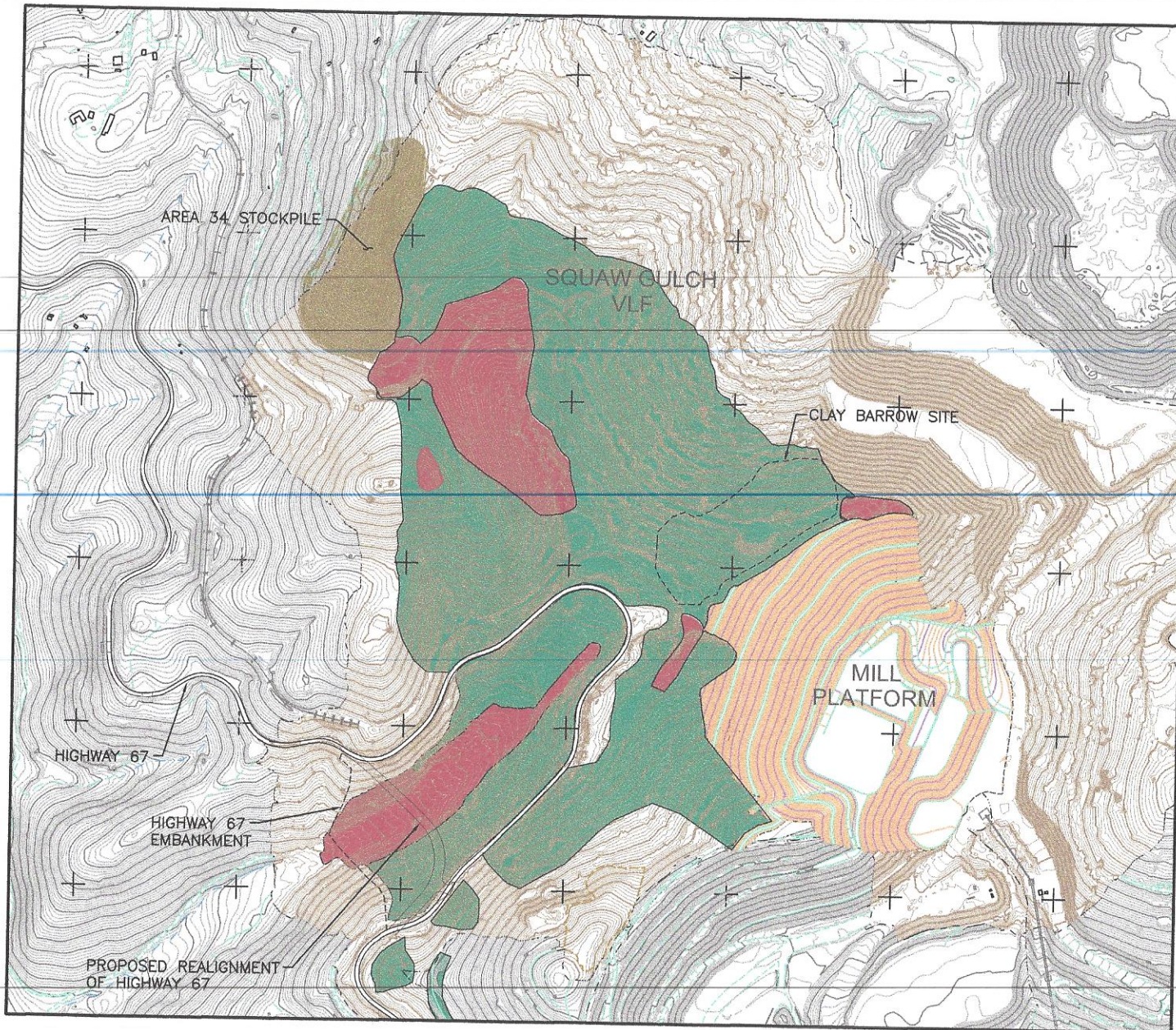
Photo 2: Production drilling within the PSSA limits



Photo 3: Embankment structural fill placement.



Photo 4: Generated Cut as strutral fill at approximately station E12+00.



LEGEND:

- AREA OF CUT AND FILL
- CLEARING AND GRUBBING
- TOPSOIL STOCKPILE

NOTE:

AREAS SHOWN ARE APPROXIMATE AND NOT TO BE USED AS ACTUAL DESIGN PURPOSES.

CLIENT	CRIPPLE CREEK & VICTOR GOLD MINING COMPANY			
PROJECT	MLE 2 SQUAW GULCH			
TITLE	CLEARING, GRUBBING AND FILL AREAS			
DESIGNED BY	TMC	CHECKED BY	RBR	DATE
DRAWN BY	RBR	APPROVED BY	TMC	8/22/13
FILENAME				
		FIGURE NO.	1	REV
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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:	74201125N0. ****. ****	Date	06.29.2013
Project:	Squaw Gulch (VLF), Hwy 67 Realignment				
Location:	Cripple Creek & Victor Gold Mine, Colorado				
Contractor:	Ames Construction Co. Inc.				

Reporting Period: 06.23.13 thru 06.29.13

Days	S	M	T	W	T	F	S
Work Shifts	-	D	D	D	D	D	D
	-	N	N	N	N	N	N
D = Day Shift N = Night Shift W = Weather Day							

Ambient Temperature Ranges for reporting period:

Low: 42°F – 48°F

High: 71°F – 79°F

Weather conditions for reporting period:

Cloud Cover: Cloudy / partly Cloudy /Clear

Precipitation: Light P.M. Showers

Wind: Calm to Gusts at times

Ames: Slick haul roads caused by afternoon rains shut down structural fill haul during the early night shift on June 28th and late afternoon on June 29th.

Amec: None

Project Issues: Haul Road design – Projects is waiting on confirmation from Mine operations to proceed with design option

Planning: Continuing Construction activities and scheduling for VLF and HWY 67.

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (Phase I)

Topsoil Stripping:

An Amec field representative observed topsoil being removed during this reporting period in several locations within the VLF Phase I limits. Approximately 6 inches to 2 feet were removed in various locations. Cat 740 articulating haul trucks were utilized to transport the topsoil North of the area 34 stockpile.

Overburden removal occurred during this reporting period at the Cameron clay borrow area. Material was removed using one Cat 345 excavator and 740 haul trucks. Material was transported to a designated area. In addition overburden material was removed from the upper portion of the VLF clay borrow source using a Cat D10 dozer. Approximately 5 to 8 feet of material was removed, exposing underlying clay seam.

Structural Fill:

Production drilling was performed during this reporting period within the planned limits of the PSSA and in several locations within the planned VLF Phase I limits.

Five production blasts's occurred during this reporting period within the planned PSSA and planned VLF Phase I limit's. In addition "cut" material was generated as structural fill using several Cat dozers in several locations within



the VLF Phase I limits. Material generated as structural fill was transported by Cat 777 and 740 haul trucks for the HWY 67 embankment fill.

An Amec field representative observed the placement and compaction of structural fill for the HWY 67 embankment. (See Figure 1). A Cat D10 and a Cat D8 were utilized to push and place structural fill in 18 to 24 inch loose lifts, then compacted each lift with a minimum of 4 passes (by Method specification) using a Cat 563 smooth drum roller. In addition a Cat 330 hammer hoe was used to split rock in excess of 24-inches, prior to compaction efforts.

An Amec field representative monitored structural fill material temperatures placed within the Hwy 67 embankment during all shifts. Average structural fill temperatures were above 32°F

Secondary Underdrain:

No work was performed on the Secondary underdrain during this reporting period.

A total of 1380 feet of Secondary underdrain has been completed.

Primary Underdrain:

No work was performed on the Primary underdrain during this reporting period.

A total of 1280 feet of Primary underdrain has been completed.

Temporary Underdrain:

Temporary underdrain pipe is installed thru the embankment. No other work occurred during this reporting period.

Underdrain Ponds:

Concrete for the underdrain Ponds are complete. No other work was performed.

Tree /Slash Clearing, Chipping:

Seed Masters paused operations until further notice.

B) Underground Workings

Confirmatory drilling was performed during the reporting period on UG Working No. U6122. All drill locations were spaced on 4(+/-) foot centers and drilled to specified depth. Exploratory excavation will continue until remediation has been performed.

During this reporting period exploratory excavation was performed on UG working No. 6136. This site will continue with excavation into bedrock as remediation continues as specified.

During this reporting period remediation efforts were performed and completed on UG working No.6134, No.U6173, No.U6174, No.U6175 and No.U6176. Sites listed were excavated to practical refusal into rock varying depths depending on the working remediated. The site for each working was then backfilled in 2 foot loose lifts to approximate planned subgrade elevation using the onsite structural fill (excavated material) and "bucket tamped" with the back of the CAT 330 excavator bucket. All backfill material was free of organic material, ice and snow and are considered remediated as specified.

It should be noted 4 additional unknown shallow workings were within 30 foot radius of UG working No.6176 these workings have been assigned to UG working No. 6176 and have been considered remediated.

C) Highway 67

Fill continues to be placed and compacted by method specification. A GPS dozer was observed shaping the western downstream slope of the embankment.



II) Storm Water Management

Best Management Practices (BMP) are being performed.

CQA ACTIVITIES:

- I) **Field Activities:** Construction activities and observation of production drilling, Cut, HWY 67 embankment fill placement and compaction, topsoil removal, overburden removal and field sampling were performed during this reporting period as required per project specifications.
- II) **Laboratory Activities:** Laboratory testing continued with Permeability, Particle Size Distribution, Atterberg Limits, Moisture-Density, gradations and material classification and identifications and material sampling were performed during this reporting period as required.

General Project Items

Meetings and Discussions: Weekly Project Status meeting was held at 10:00am on June 25th between CC&V, Amec and Ames. Topics discussed were Safety, Schedule, Project Issues, concerns and planning.

CC&V Projects held a meeting between CC&V mine operations, Amec and Ames on June 26th. Topics discussed were the Proposed Haul Road design and concerns of needed width. Mine Operations requested some additional time for discussion. On June 27th it was determined that an 80 foot wide road can be used and designed for construction. Amec is revising dwgs to meet such criteria as discussed.

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

CQA Monitor

Submitted by: Thorne Clark

Date: 06.29.13

Thorne M Clark
Amec Project Resident
Ph: 970.846.9337

Approved By: Scott [Signature]

Date: 7-8-13



ATTACHMENT A

AMEC - 2013 CQA Field Staff Schedule MLE2

Name	June 23	June 24	June 25	June 26	June 27	June 28	June 29
Thorne Clark	-	PR	PR	PR	PR	PR	PR
Steve Rice	-	LS	LS	LS	LS	LS	LS
Uwe Kelley	-	ST	ST	ST	ST	ST	-
Dennis Koval	-	-	-	-	-	-	-
Ben Melly	-	LG	LG	LG	LG	LG	LG
Robert Redd	-	-	ST	ST	ST	ST	ST
Ryan Fesler*	-	ST	ST	ST	ST	ST	ST
*Kevin Duarte	-	ST	ST	ST	ST	ST	-
Razi Molloy	-	LT	LT	LT	LT	-	-
*Max Jessen		ST	ST	ST	ST	ST	ST
Eric Lorenson	-	-	-	-	-	-	-
Mike Nelson	-	-	-	-	-	-	-

*Night shift

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
SE = Senior Engineer

Photographs of daily activities:



Photo 1: One CAT 992 loader loading CAT 777 with "shot" material from the PSSA floor.



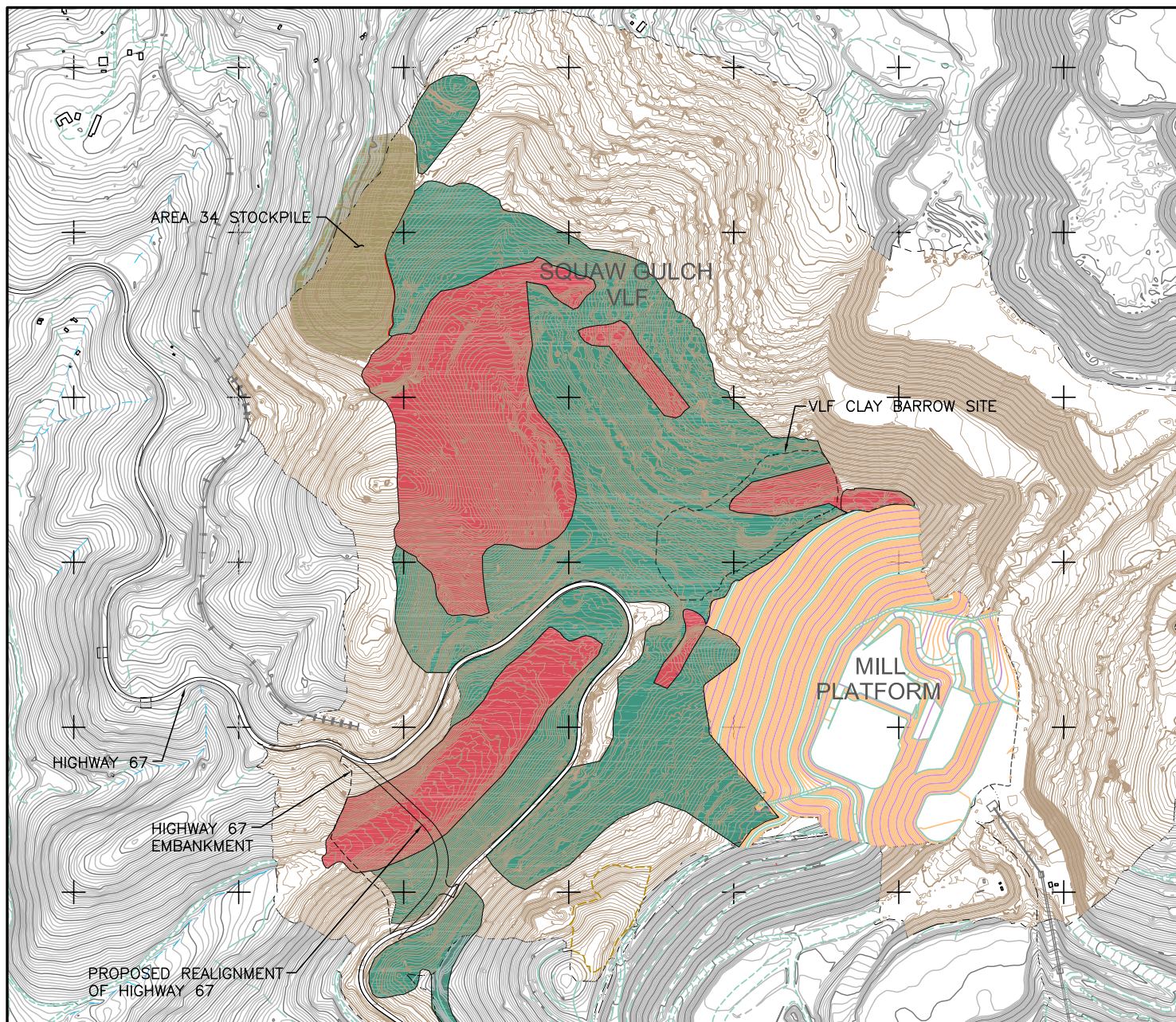
Photo 2: A Cat D6n GPS dozer working on the Hwy 67 toe berm fill slope.



Photo 3: Fill placement on the Hwy 67 embankment



Photo 4: Structural fill placement, Highway 67 embankment.




LEGEND:

- AREA OF CUT AND FILL
- CLEARING AND GRUBBING
- TOPSOIL STOCKPILE

NOTE:

AREAS SHOWN ARE APPROXIMATE AND NOT TO BE USED AS ACTUAL DESIGN PURPOSES.

CLIENT	CRIPPLE CREEK & VICTOR GOLD MINING COMPANY				
PROJECT	MLE 2 SQUAW GULCH				
TITLE	CLEARING, GRUBBING AND FILL AREAS				
	DESIGNED BY	TMC	CHECKED BY	RBR	DATE
	DRAWN BY	RBR	APPROVED BY	TMC	6/25/13
	FILENAME		FIGURE No.	1	REV A



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:	74201125N0. ****. ****	Date	07.06.2013
Project:	Squaw Gulch (VLF), Hwy 67 Realignment				
Location:	Cripple Creek & Victor Gold Mine, Colorado				
Contractor:	Ames Construction Co. Inc.				

Reporting Period: 06.30.13 thru 07.06.13

Days	S	M	T	W	T	F	S
Work Shifts	-	D	D	D	-	-	-
	-	N	N	-	-	-	-
D = Day Shift N = Night Shift W = Weather Day							

Ambient Temperature Ranges for reporting period:

Low: 43°F – 45°F

High: 75°F – 77°F

Weather conditions for reporting period:

Cloud Cover: Cloudy / partly Cloudy /Clear

Precipitation: Light P.M. Showers

Wind: Calm to Gusts at times

Ames: Structural fill haul was shut down on Monday the 1st at approximately 14:15hrs due to slick haul road conditions caused by afternoon rains. Night shift was called off at approximately 19:45 hrs due to the wet conditions as-well.

No work occurred on July 4th, 5th and 6th of July in observance of Holiday. Construction is expected to resume on Monday July 8th.

Amec: None

Project Issues: Haul Road design – Projects is waiting on confirmation from Mine operations to proceed with design option

Planning: Continuing Construction activities and scheduling for VLF and HWY 67.

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (Phase I)

Topsoil Stripping:

No topsoil stripping occurred during this during this reporting period. However the contractor is expected to resume during the next reporting period.

Structural Fill:

Production drilling was performed during this reporting period within the planned limits of the PSSA and in several locations within the planned VLF Phase I limits.

Three production blasts's occurred during this reporting period within the planned PSSA and planned VLF Phase I limit's. In addition "cut" material was generated as structural fill using several Cat dozers in several locations within the VLF Phase I limits. Material generated as structural fill was transported by Cat 777 and 740 haul trucks for the HWY 67 embankment fill.



An Amec field representative observed the placement and compaction of structural fill for the HWY 67 embankment. (See Figure 1). A Cat D10 and a Cat D8 were utilized to push and place structural fill in 18 to 24 inch loose lifts, then compacted each lift with a minimum of 4 passes (by Method specification) using a Cat 563 smooth drum roller. In addition a Cat 330 hammer hoe was used to split rock in excess of 24-inches, prior to compaction efforts.

An Amec field representative monitored structural fill material temperatures placed within the Hwy 67 embankment during all shifts. Average structural fill temperatures were above 32°F

Secondary Underdrain:

No work was performed on the Secondary underdrain during this reporting period.

A total of 1380 feet of Secondary underdrain has been completed.

Primary Underdrain:

No work was performed on the Primary underdrain during this reporting period.

A total of 1280 feet of Primary underdrain has been completed.

Temporary Underdrain:

Temporary underdrain pipe is installed thru the embankment. No other work occurred during this reporting period.

Underdrain Ponds:

Concrete for the underdrain Ponds are complete. No other work was performed.

Tree /Slash Clearing, Chipping:

Seed Masters paused operations until further notice.

B) Underground Workings

Confirmatory drilling was not performed during this reporting period..

During this reporting period exploratory excavation was performed on UG working No. 6132. This site will continue with excavation into bedrock as remediation continues as specified.

During this reporting period remediation efforts were performed and completed on UG working No.6134, No.U6136. Sites listed were excavated to practical refusal into rock varying depths depending on the working remediated. The site for each working was then backfilled in 2 foot loose lifts to approximate planned subgrade elevation using the onsite structural fill (excavated material) and "bucket tamped" with the back of the CAT 330 excavator bucket. All backfill material was free of organic material, ice and snow and are considered remediated as specified.

C) Highway 67

Fill continues to be placed and compacted by method specification. A GPS dozer was observed shaping the western downstream slope of the embankment.

II) Storm Water Management

Best Management Practices (BMP) are being performed.



CQA ACTIVITIES:

- I) **Field Activities:** Construction activities and observation of production drilling, Cut, HWY 67 embankment fill placement and compaction as-well as field sampling were performed during this reporting period as required per project specifications.
- II) **Laboratory Activities:** Laboratory testing continued with Permeability, Particle Size Distribution, Atterberg Limits, Moisture-Density, gradations and material classification and identifications and material sampling were performed during this reporting period as required.

General Project Items

Meetings and Discussions: Weekly Project Status meeting was held at 10:00am on July 2nd between CC&V, Ames and Amec. Topics discussed were Safety, Schedule, Project Issues, concerns and planning.

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

CQA Monitor

Submitted by: Thorne Clark

Date: 07.06.13

Thorne M Clark
Amec Project Resident
Ph: 970.846.9337

Approved By: _____

Scott Peddy

Date: 8-21-13



ATTACHMENT A

AMEC - 2013 CQA Field Staff Schedule MLE2

Name	June 30	July 1	July 2	July 3	July 4	July 5	July 6
Thorne Clark	-	PR	PR	PR	-	-	-
Steve Rice	-	LS	LS	LS	-	-	-
Uwe Kelley	-	ST	ST	ST	-	-	-
Dennis Koval	-	-	-	-	-	-	-
Ben Melly	-	LG	LG	LG	-	-	-
Robert Redd	-	-	ST	-	-	-	-
Ryan Fesler*	-	ST	ST	ST	-	-	-
*Kevin Duarte	-	-	-	-	-	-	-
Razi Molloy	-	-	LT	LT	-	LT	-
*Max Jessen		ST	ST	-	-	-	-
Eric Lorensen	-	-	-	-	-	-	-
Mike Nelson	-	-	-	-	-	-	-

*Night shift

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
SE = Senior Engineer

Photographs of daily activities:



Photo 1: An overview of the Hwy67 toe berm area.



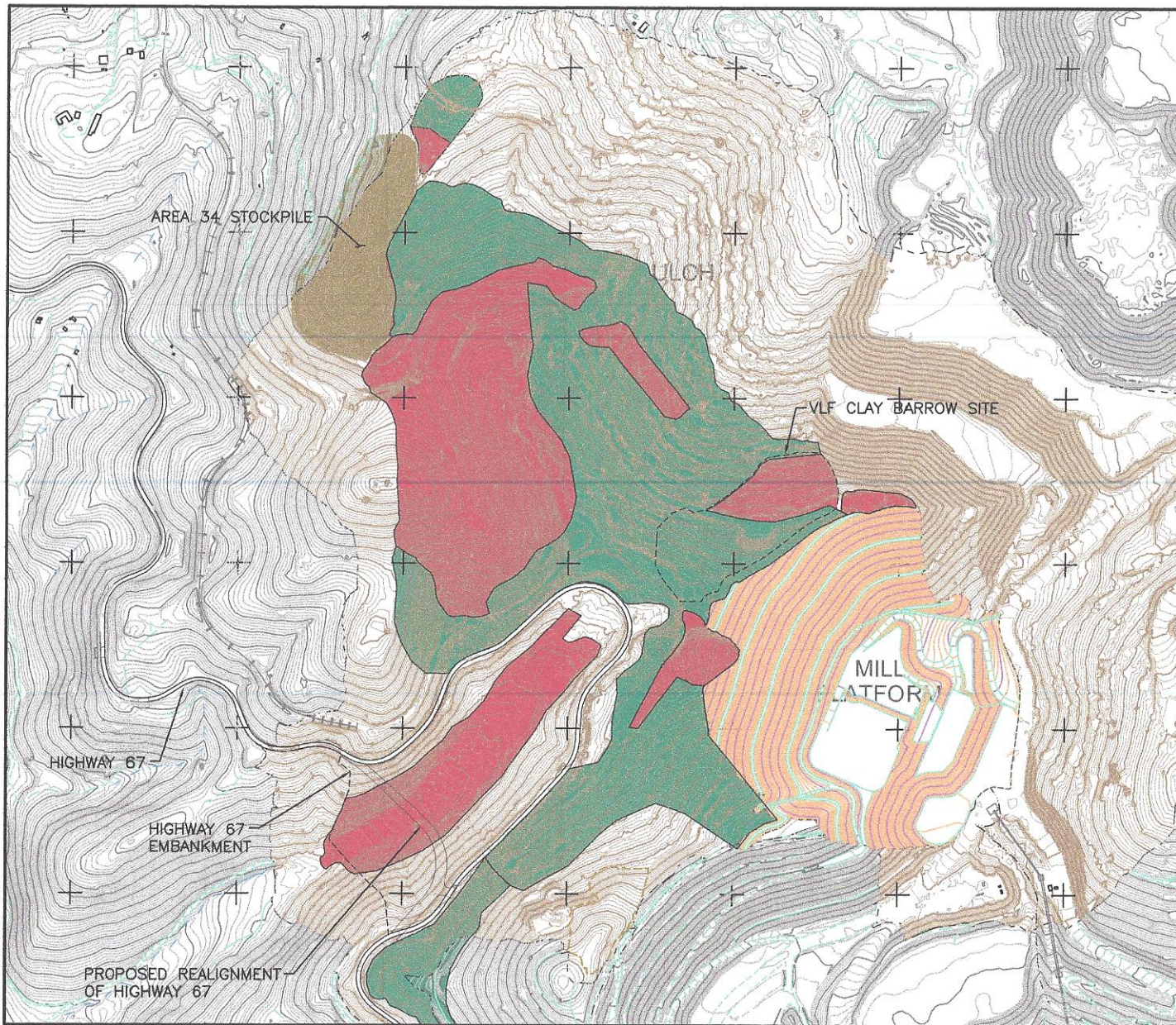
Photo 2: Loading structural fill at Raven Hill.



Photo 3: Overview of the PSSA cut below Hwy. 67.



Photo 4: Production Drilling within the PSSA limits.




LEGEND:

- AREA OF CUT AND FILL
- CLEARING AND GRUBBING
- TOPSOIL STOCKPILE

NOTE:

AREAS SHOWN ARE APPROXIMATE AND NOT TO BE USED AS ACTUAL DESIGN PURPOSES.

CLIENT	CRIPPLE CREEK & VICTOR GOLD MINING COMPANY				
PROJECT	MLE 2 SQUAW GULCH				
TITLE	CLEARING, GRUBBING AND FILL AREAS				
	DESIGNED BY	TMC	CHECKED BY	RBR	DATE
	DRAWN BY	RBR	APPROVED BY	TMC	7/05/13
	FILENAME		FIGURE NO.	1	REV
					A



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:	74201125N0. ****. ****	Date	07.13.2013
Project:	Squaw Gulch (VLF), Hwy 67 Realignment				
Location:	Cripple Creek & Victor Gold Mine, Colorado				
Contractor:	Ames Construction Co. Inc.				

Reporting Period: 07.07.13 thru 07.13.13

Days	S	M	T	W	T	F	S
Work Shifts	-	D	D	D	D	D	D
	-	N	N	N	N	N	N
D = Day Shift N = Night Shift W = Weather Day							

Ambient Temperature Ranges for reporting period:

Low: 48°F – 54°F

High: 77°F – 79°F

Weather conditions for reporting period:

Cloud Cover: Clear / partly Cloudy /Cloudy

Precipitation: Light Rain/Mostly zero

Wind: Calm to Gusts at times

Ames: None

Amec: None

Project Issues: None

Planning: Continuing Construction activities and scheduling for VLF and HWY 67.

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (Phase I)

Topsoil Stripping:

A Cat 330C thumbed-bucket excavator was used to clear topsoil and organic debris from the northern slope of Hwy 67. The organics were placed on the western edge of the clearing limit and transported to the designated area stockpile.

Production drilling was performed during this reporting period within the planned limits of the PSSA and in several locations within the planned VLF Phase I limits.

Five production blasts' occurred during this reporting period within the planned PSSA and planned VLF Phase I limit's. "Cut" material was generated as structural fill using several Cat dozers in several locations within the VLF Phase I limits. Material generated was transported by several Cat 777 and 740 haul trucks.

Structural Fill:

An Amec field representative observed the placement and compaction of structural fill for the HWY 67 embankment. (See Figure 1). A Cat D10 and a Cat D8 were utilized to push and place structural fill in 18 to 24 inch loose lifts, then each lift was compacted with a minimum of 4 passes (by Method specification) using a Cat 563 smooth drum roller. Cat 777 and Cat 740 haul traffic contributed to the compaction efforts. It should be noted; a Cat 330 hammer hoe was used to split rock in excess of 24-inches, prior to compaction efforts.

An Amec field representative monitored structural fill material temperatures placed within the Hwy 67 embankment during all shifts. Average structural fill temperatures were above 32°F

**Clay Processing:**

Cameron Site: Overburden removal continued to expose clay at the Cameron site using a Cat 374 excavator with a toothed bucket. The material was loaded into three (3) 740 haul trucks.

The extent of the clay seam has been established within the limits of the stripped area at the Cameron site. The overburden excavation was fairly consistent at about 2 to 3 feet in depth and covered approximately 117,000 square feet. The clay seam tappers out to nothing (0 inches thick) on the north, south, and east sides and was found to be at least 10 feet thick in a test pit near the middle of the excavation (N: 4288327, E: 488895).

One (1) Cat 374 Excavator was observed removing SLF materials and loading three (3) Cat 740 haul trucks which transported the excavated clay materials to the contractors screening plant for processing.

Squaw Gulch Site:

Overburden material classified as structural fill from the designated VLF clay borrow site was removed exposing underlying clay seams. Overburden was loaded into four (4) Cat 740 haul trucks by a Cat 345 excavator and hauled to the HWY 67 embankment.

Secondary Underdrain:

No work was performed on the Secondary underdrain during this reporting period.

A total of 1380 feet of Secondary underdrain has been completed.

Primary Underdrain:

No work was performed on the Primary underdrain during this reporting period.

A total of 1280 feet of Primary underdrain has been completed.

Temporary Underdrain:

Temporary underdrain pipe is installed thru the embankment. No other work occurred during this reporting period.

Underdrain Ponds:

Concrete for the underdrain Ponds are complete. No other work was performed.

Tree /Slash Clearing, Chipping:

Seed Masters suspended operations until further notice.

B) Underground Workings

Confirmatory drilling was not performed during this reporting period..

During this reporting period exploratory excavation was performed on UG working No. 6112, No. 6113, No. 6120, No. 6130, No. 6183, No. 6187 and No. 6189. Sites listed continued further investigation excavation into bedrock as remediation continues or completed during the reporting period as specified.

During this reporting period remediation efforts were performed and completed on UG working No.6113, No. 6178, No. 6179, No. 6180, No. 6181, No. 6182, No. 6184, No. 6185, No. 6186, No. 6189, No. 6190, No. 6191 and No. 6192. Sites listed were excavated to practical refusal into rock with varying depths depending on the working remediated. The site for each working was then backfilled in 2 foot loose lifts to approximate planned subgrade elevation using the onsite structural fill (excavated material) and "bucket tamped" with the back of the CAT 330 excavator bucket. All backfill material was free of organic material, ice and snow and are considered remediated as specified.



C) Highway 67

Fill continues to be placed and compacted by method specification. A GPS dozer was observed shaping the western downstream slope of the embankment. (See Fill section above for more detail)

II) Storm Water Management

Best Management Practices (BMP) are being performed.

CQA ACTIVITIES:

- I) **Field Activities:** Observation of construction activities, production drilling, Cut, HWY 67 embankment fill placement and compaction, clay removal as-well as field sampling were performed during this reporting period as required per project specifications.
- II) **Laboratory Activities:** Laboratory testing continued with Permeability, Particle Size Distribution, Atterberg Limits, Moisture-Density, gradations and material classification and identifications and material sampling were performed during this reporting period as required.

General Project Items

Meetings and Discussions: Weekly Project Status meeting was held at 10:00am on July 9th between CC&V, Ames, CDOT and Amec. Topics discussed were Safety, Schedule, Project Issues, concerns and planning.

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

CQA Monitor

Submitted by: Thorne Clark

Date: 07.13.13

Thorne M Clark
Amec Project Resident
Ph: 970.846.9337

Approved By:

Scott Reddy

Date: 8-21-13

ATTACHMENT A



AMEC - 2013 CQA Field Staff Schedule MLE2

Name	July 7	July 8	July 9	July 10	July 11	July 12	July 13
Thorne Clark	-	PR	PR	PR	PR	PR	-
Steve Rice	-	LS	LS	LS	LS	-	LS
Uwe Kelley	-	ST	ST	ST	ST	ST	ST
Ben Melly	-	-	LG	LG	LG	LG	LG
Robert Redd	-	ST	ST	ST	ST	ST	ST
Ryan Fesler	-	LT	LT	LT	LT	LT	LT
*Kevin Duarte	-	ST	ST	ST	ST	ST	ST
Razi Molloy	-	LT	LT	LT	LT	LT	LT
*Max Jessen		ST	ST	ST	ST	ST	ST
Eric Lorensen	-	ST	ST	ST	-	-	-
Mike Nelson	-	-	-	-	-	-	-

*Night shift

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
SE = Senior Engineer

Photographs of daily activities:



Photo 1: Structural Fill placement, HWY 67/PSSA embankment.



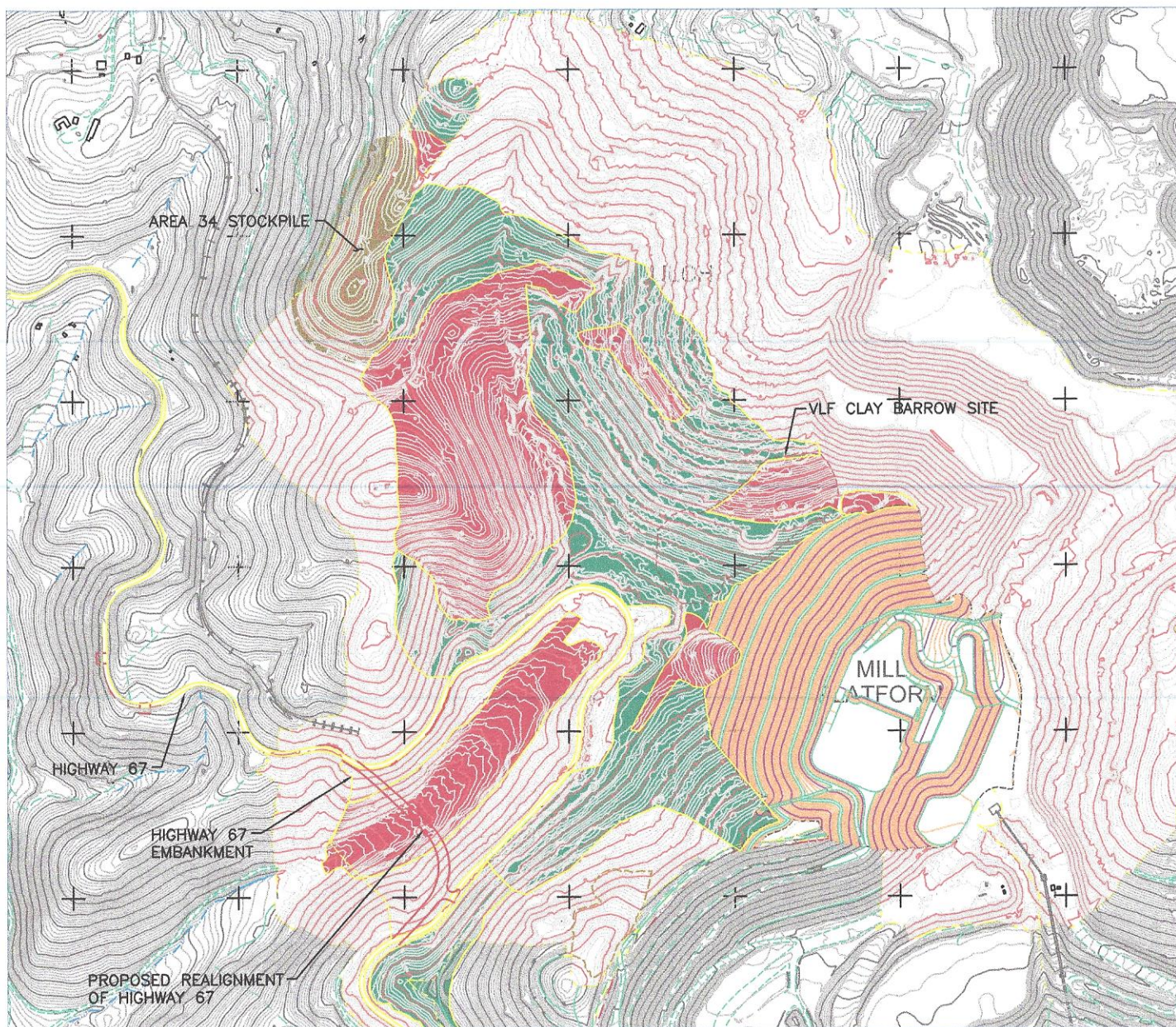
Photo 2: Overburden Removal – Cameron Clay Borrow Site.



Photo 3: Lower cut at approximately station A21+00.



Photo 4: Overview of PSSA/HWY 67 Embankment



LEGEND:

- AREA OF CUT AND FILL
- CLEARING AND GRUBBING
- TOPSOIL STOCKPILE

NOTE:

AREAS SHOWN ARE APPROXIMATE AND NOT TO BE USED AS ACTUAL DESIGN PURPOSES.

CUSTOMER	CRIPPLE CREEK & VICTOR GOLD MINING COMPANY			
PROJECT	MLE 2 SQUAW GULCH			
TITLE	CLEARING, GRUBBING AND FILL AREAS			
amc	DESIGNED BY	TMC	CHECKED BY	RBR
	DRAWN BY	RBR	APPROVED BY	TMC
	FILENAME		FIGURE No.	REV
			1	A
				DATE
				7/15/13



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:	74201125N0. ****. ****	Date	07.20.2013
Project:	Squaw Gulch (VLF), Hwy 67 Realignment				
Location:	Cripple Creek & Victor Gold Mine, Colorado				
Contractor:	Ames Construction Co. Inc.				

Reporting Period: 07.14.13 thru 07.20.13

Days	S	M	T	W	T	F	S
Work Shifts	-	D	D	D	D	D	D
	-	N	N	N	N	N	N
D = Day Shift N = Night Shift W = Weather Day							

Ambient Temperature Ranges for reporting period:

Low: 45°F – 52°F

High: 64°F – 75°F

Weather conditions for reporting period:

Cloud Cover: Clear / partly Cloudy /Cloudy/Fog

Precipitation: Light Rain/Mostly Zero Precip.

Wind: Calm to Gusts at times

Ames: Intermittent rain showers hindered construction tasks and progress on Monday the 15th of July. Full construction progress resumed on Tuesday the 16th of July.

Amec: None

Project Issues: None

Planning: Continuing Construction activities and scheduling for VLF and HWY 67.

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (Phase I)

Topsoil Stripping: No topsoil stripping occurred during this reporting period.

Production drilling was performed during this reporting period in several locations within the planned VLF Phase I limits. In addition drilling began at the Phase II detention pond location and at the South Crib Wall continued.

Five production blasts' occurred during this reporting period within planned VLF Phase I limit's and at the South Crib Wall location. Material generated as "cut" material was generated for structural fill using several Cat dozers and transported by several Cat 777 and 740 haul trucks to be used for the HWY 67 embankment fill.

Structural Fill: An Amec field representative observed the placement and compaction of structural fill for the HWY 67 embankment. (See Figure 1). A Cat D10 and a Cat D8 were utilized to push and place structural fill in 18 to 24 inch loose lifts. Each lift was compacted with a minimum of 4 passes (by Method specification) using a Cat 563 smooth drum roller. In addition Cat 777 and Cat 740 haul traffic contributed to the compaction efforts. It should be noted; a Cat 330 hammer hoe was used to split rock in excess of 24-inches, prior to compaction efforts.

An Amec field representative monitored structural fill material temperatures placed within the Hwy 67 embankment during all shifts. Average structural fill temperatures were above 32°F



Clay (SLF) Processing:

Cameron Site: No clay mining occurred during this reporting period due to a saturated site from previous rains. However Clay processing continued from the clay stockpile and *SLF sample No. 42 and No. 43* were obtained and returned to our Laboratory for gradation analysis and permeability testing.

Squaw Gulch Site:

No work occurred at the VLF clay borrow site during this reporting period.

Underdrain System:

Secondary Underdrain: No work was performed on the Secondary underdrain during this reporting period.

A total of 1380 feet of Secondary underdrain has been completed.

Primary Underdrain: No work was performed on the Primary underdrain during this reporting period.

A total of 1280 feet of Primary underdrain has been completed.

Temporary Underdrain: Temporary underdrain pipe is installed thru the embankment. No other work occurred during this reporting period.

Tree /Slash Clearing, Chipping:

Seed Masters resumed operations during this reporting period and is expected to continue chipping stockpiled trees and slash within the VLF area.

B) Underground Workings

Confirmatory drilling was not performed during this reporting period..

During this reporting period exploratory excavation was performed on UG working No. 6146, No. 6188, No. 6193, No. 6196, No. 6204, and No. 6205. Sites listed continued further investigation excavation into bedrock as remediation continues or completed during the reporting period as specified.

It should be noted: A total of 30 underground workings were located within the previously graded slope from "E" bench, 9650 elevation to the west perimeter road. 29 of the workings were shallow workings and were removed during the site grading consisting of cut and are considered remediated. One working will be evaluated as the working is described as a timbered shaft.

A walk through of the planned Phase 2 Diversion ditch was conducted to locate potential workings, which may require remediation.

During this reporting period remediation efforts were performed and completed on UG working No.6147, No. 6187, No. 6193, No. 6206, No. 6238 and No. 6239. Sites listed were excavated to practical refusal into rock varying depths depending on the working remediated. The site for each working was then backfilled in 2 foot loose lifts to approximate planned subgrade elevation using the onsite structural fill (excavated material) and "bucket tamped" with the back of the CAT 330 excavator bucket. All backfill material was free of organic material, ice and snow and are considered remediated as specified.

C) Highway 67