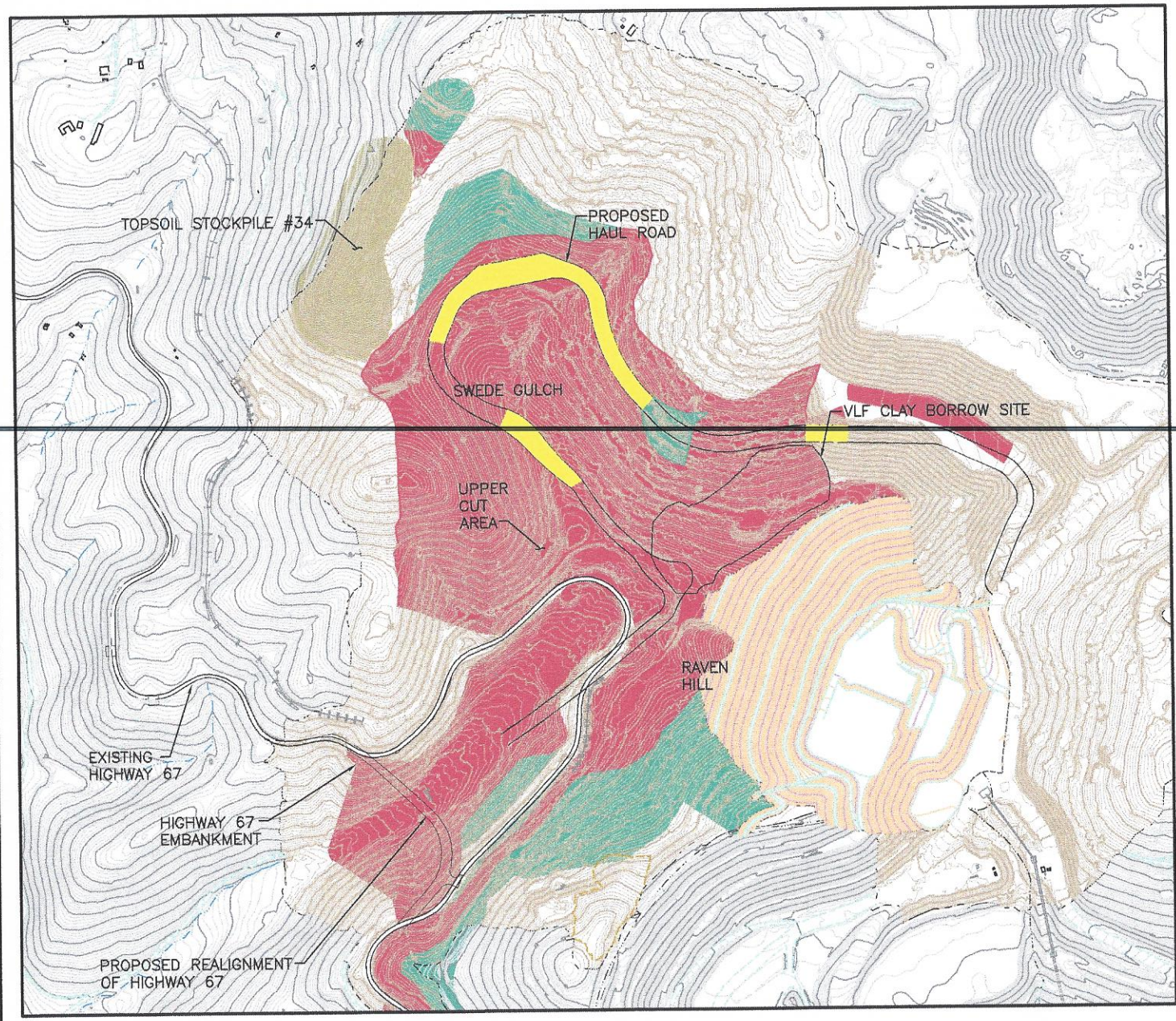
Photo 1: Guardrail installation at overlook

Photo 2: PSSA fill placement

Photo 3: Culvert Installation at the overlook

Photo 4: PSSA Subgrade compaction



LEGEND:

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

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	MF	APPROVED BY	TMC	10/10/13
FILENAME: –		FIGURE No. 1		REV A

H 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: Squaw Gulch (VLF), Hwy 67 Realignment
Location: Cripple Creek & Victor Gold Mine, Colorado
Contractor: Ames Construction Co. Inc.

Project Number: 74201125N0. ****. ****
Date 10.26.2013

Reporting Period: 10.20.13 thru 10.26.13

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: 21°F – 35°F
High: 43°F – 57°F

Weather conditions for reporting period:
Cloud Cover: Clear to partly cloudy
Precipitation: None
Wind: Calm to gusts at times

Ames: Continuing construction tasks for HWY 67 and VLF.

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

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (Phase I)

Topsoil / Overburden Stripping: No topsoil / overburden stripping activities occurred during this reporting period within the VLF limits.

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

Five production blasts' occurred during this reporting period within planned VLF limits.

Structural Fill: The contractor continued fill operations and compaction by method specification for the ADR haul road, the Dump 4 buttress fill, and the PSSA Toe Berm.

Structural fill materials were placed and compacted for the ADR haul road. A Cat D9T was used to spread the loose lifts and compaction was achieved utilizing a Cat CS56 smooth drum roller by method specification and any oversized material was broken with a Cat excavator hammer-hoe.

Structural fill materials were placed and compacted at the PSSA toe berm. A Cat D8T was used to spread the loose lifts and compaction was achieved utilizing a Cat CS56 smooth drum roller by method specification.

Structural fill materials were placed and compacted at the buttress fill below Dump 4. A Cat D8T was used to spread the loose lifts and compaction was achieved utilizing a Cat CS56 smooth drum roller by method specification.

Grading occurred on the VLF slope between ADR haul road Sta. 64+00 and Sta. 22+00. Materials generated were used as fill at the PSSA toe berm and below Dump 4.

A Cat D6N GPS dozer and a John Deere 1050J dozer was utilized for slope contouring for the Phase I and 2 ponds diversion channels.

See Hwy 67 embankment fill below for additional detail on materials placed.

Note: An Amec field representative monitored structural fill material temperatures placed within the areas of fill during all shifts. Average structural fill temperatures were above 32°F.

Clay (SLF) Processing:
Cameron Site: Clay processing continued during this reporting period. Approximately, 226,250 tons of soil liner fill material has been produced to date.

Squaw Gulch Clay Borrow Site: No overburden or clay mining occurred during this reporting period.

Underdrain System:
Secondary Underdrain: Approximately, 313 feet of secondary underdrain was installed in the PSSA during this reporting period. The underdrain in this area was not originally planned but was deemed necessary due to encountered groundwater seepage.

Approximate total of 2439 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: No work was performed on the temporary underdrain during this reporting period.

Tree /Slash Clearing, Chipping:
Trees were removed along the former Highway 67 roadway below the uppercut area then hauled to the area 34 stockpile.

B) Underground Workings
Exploratory excavation continues in the VLF area.

Confirmatory drilling was performed during this reporting period on underground working, No. No 6003, No. U6280. All drill hole locations were established on a 4-foot center isolating any voids found. Further remediation efforts will be ongoing until remediated. Summary of the remediation efforts will follow 100% remediation.

Cemented Rockfill placement followed by backfilling occurred at UG No. 6011, UG No. 6167 and No. U6273.

Undergound working No. 6065, No. 6068, No. 6305, No. 6307, No.6308, No.6315 and were excavated to competent bedrock, then backfilled and compacted completing the listed working and are considered remediated.

C) Highway 67
Guardrail installation occurred near the maintenance road and the overlook.

Placement of the second (top) mat of asphalt pavement occurred at the highway realignment.

South MSE Wall:

No progress occurred during this reporting period. Progress is waiting on leveling mat construction and timber connection placement.

II) Storm Water Management

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

CQA ACTIVITIES:

I) **Field Activities:** Observation of construction activities during this reporting period included: Tree removal, production drilling and blasting, VLF/PSSA Cut to Fill and compaction, HWY 67 construction, Underground remediation, clay (SLF) processing.

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

SLF: Sample Numbers 62 thru 63 was obtained during this reporting period
DCF: Sample Numbers 30 thru 32 was obtained during this reporting period.

General Project Items

Meetings and Discussions: Continued groundwater seepage was noted entering into the draw on the northern slope of the PSSA after the removal of saturated material. On October 21st 2013, discussions were held between AMEC, CC&V, and Ames personnel resulting in a decision to place additional secondary underdrain extending from the primary underdrain in the PSSA floor to the former Hwy 67 roadway in the draw where the seepage was encountered. The possible need for tertiary underdrain placement higher up in the draw will be evaluated at a later time.

The Weekly Project Status meeting was not held on October 23rd between CC&V, Ames, CDOT and Amec so as not to impede / interfere with paving operations on the Hwy 67 Realignment.

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: Eric Lorenson Date: 10.26.13

Reviewed by: Date: 11-6-13
Tim Burkhard
Project Resident Manager
Ph: 505.975.8655

Approved By: Scott Rudolph Date: 11-7-13

ATTACHMENT A

AMEC - 2013 CQA Field Staff Schedule MLE2

Name	Oct 20	Oct 21	Oct 22	Oct 23	Oct 24	Oct 25	Oct 26
Thorne Clark	-	PR	PR	PR	-	-	-
Tim Burkhard	-	-	-	-	PR	PR	PR
Steve Rice	-	UG	UG	UG	UG	UG	-
Ben Melly	-	-	-	-	ST	-	-
**Fred Taylor	-	ST	ST	ST	ST	ST	ST
Robert Redd	-	UG	UG	UG	UG	UG	-
Tyler Browning	-	ST	-	ST	ST	ST	-
Reggie Long	-	-	ST	ST	ST	ST	-
*Ryan Fesler	-	ST	ST	ST	ST	-	-
Eric Lorenson	-	ST	ST	ST	ST	ST	ST
Marcus Fernandez	-	ST	ST	ST	ST	ST	-
Razi Molloy	-	LT	LT	LT	LT	LT	LT

*Night shift
**Yeh and Associates – Subcontractor HWY 67

LEGEND

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

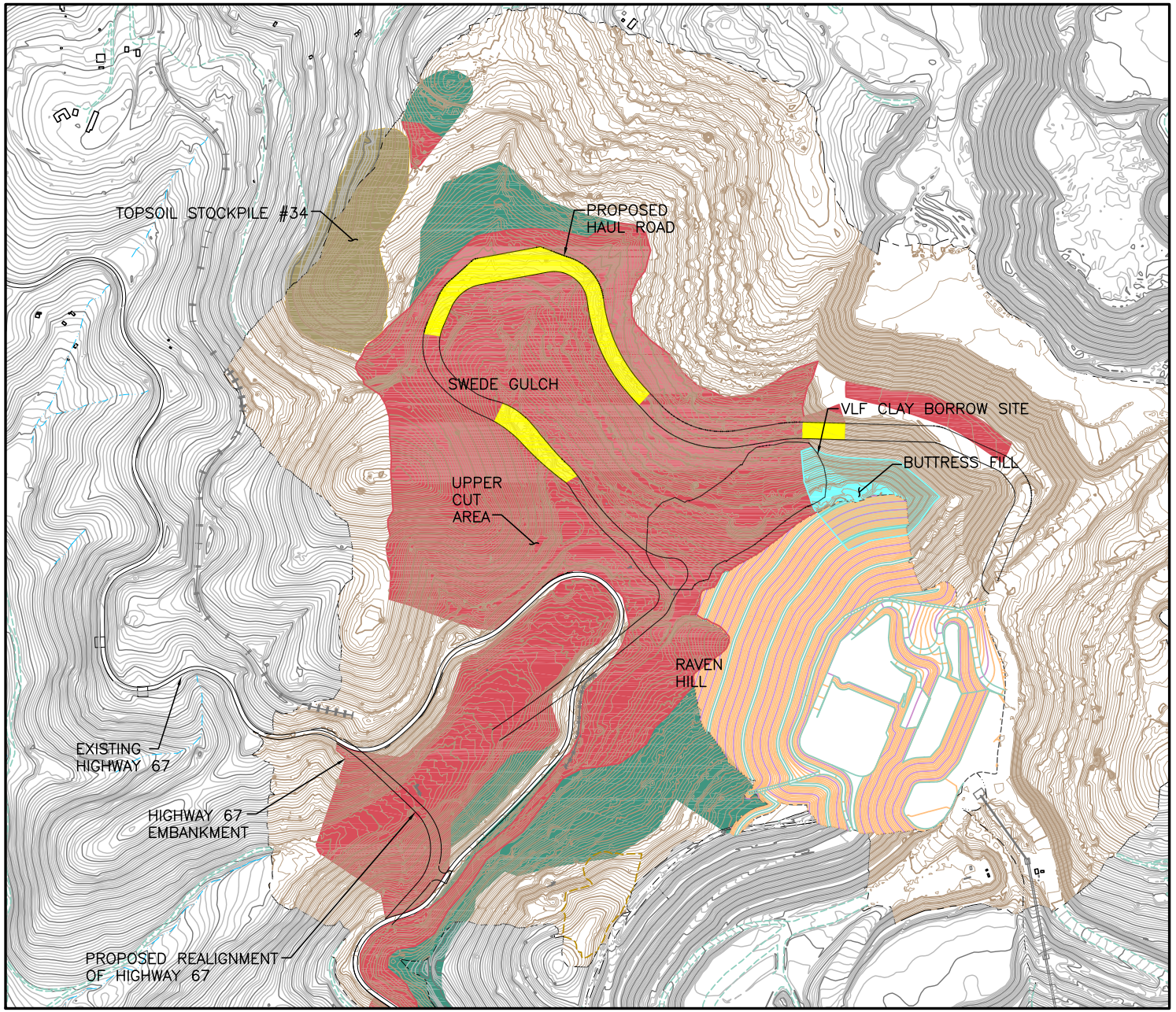
Photographs of daily activities:

Photo 1 Secondary underdrain construction in the PSSA area.

Photo 2: Secondary underdrain construction in the PSSA area.

Photo 3: The buttress fill below Dump 4.

Photo 4: Paving operations adjacent to the South MSE Wall on the Hwy 67 Realignment.



LEGEND:

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

NOTE:

AREAS SHOWN ARE APPROXIMATE AND NOT TO BE USED 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	MF	APPROVED BY	TMC	10/28/13

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

Project Number: 74201125N0. ****. ****
Date 11.02.2013

Reporting Period: 10.27.13 thru 11.02.13

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: 19°F – 34°F
High: 37°F – 52°F

Weather conditions for reporting period:
Cloud Cover: Clear to partly cloudy
Precipitation: None other than snow Tuesday night.
Wind: Calm to gusts at times

Ames: Continuing construction tasks for HWY 67 and VLF.

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

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (Phase I)

Topsoil / Overburden Stripping: No topsoil / overburden stripping activities occurred during this reporting period within the VLF limits.

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

Four production blasts' occurred during this reporting period within planned VLF limits.

Structural Fill:
Structural fill materials were placed and compacted for the ADR haul road. A Cat D9T was used to spread the loose lifts and compaction was achieved utilizing a Cat CS56 smooth drum roller by method specification and any oversized material was broken with a Cat excavator hammer-hoe.

Structural fill materials were placed and compacted at the PSSA toe berm. A Cat D8T was used to spread the loose lifts and compaction was achieved utilizing a Cat CS56 smooth drum roller by method specification.

Structural fill materials were placed and compacted at the buttress fill below Dump 4. A Cat D8T was used to spread the loose lifts and compaction was achieved utilizing a Cat CS56 smooth drum roller by method specification.

Structural fill materials were placed and compacted at UG workings 6167/U6273. A Cat D10T was used to spread the loose lifts and compaction was achieved utilizing a Cat CS56 smooth drum roller by method specification.

Slope grading occurred at Bench DD and on the northeastern slope of the PSSA. Materials generated were used as fill at the PSSA toe berm, UG workings 6167 and U6273, and below Dump 4.

D8 dozers placed cut to fill near station A5+00.

A Cat D6N GPS dozer was utilized for slope contouring for the Phase 1 Pond and Diversion Channel.

See Hwy 67 embankment fill below for additional detail on materials placed.

Note: An Amec field representative monitored structural fill material temperatures placed within the areas of fill during all shifts. Average structural fill temperatures were above 32°F.

Clay (SLF) Processing:
Cameron Site: Clay processing continued during this reporting period. Approximately, 235,200 tons of soil liner fill material has been produced to date.

Squaw Gulch Clay Borrow Site: No overburden or clay mining occurred during this reporting period.

Underdrain System:
Secondary Underdrain: Approximately, 369 feet of secondary underdrain was installed in Squaw Gulch.

Approximate total of 2808 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: No work was performed on the temporary underdrain during this reporting period.

Tree /Slash Clearing, Chipping:
Trees were removed along the former Highway 67 roadway near the crib wall then hauled to the area 34 stockpile.

B) Underground Workings
Exploratory excavation continues in the VLF area.

Confirmatory drilling was performed during this reporting period on underground working, No. No 6003, No. U6280. All drill hole locations were established on a 4-foot center isolating any voids found. Further remediation efforts will be ongoing until remediated. Summary of the remediation efforts will follow 100% remediation.

Remediation blasting occurred at UG U6280 and shot rock was removed.

Cemented rockfill placement occurred in UG 6268.

Coarse shaft backfill was placed in UG 6087.

Continued structural fill backfilling occurred at UG No. 6167 and No. U6273.

Underground working No 6146, No. 6166, No U6275, No. 6314, No. 6315, No. 6316, and No. 6317 were excavated to competent bedrock, then backfilled and compacted completing the listed working and are considered remediated.

Two unknown workings were located during this reporting period; UG U6318 (south of UG 6167) and UG U6332 (in the ADR haul road area near station 23+00). Both workings are located in areas where cut is required. Remediation planning will follow if needed when the cut is removed.

C) **Highway 67**

Guardrail installation and the placement of the second (top) mat of asphalt pavement continued at the highway realignment. Pavement operations were completed on 10-25-13.

Class 6 material was placed at the edge of the pavement along the shoulders of the Realignment.

Temporary paint striping was placed on the Highway Realignment.

Official permission to demolish the old section of SH-67 came from Lesley Mace (CDOT) on 10-29-2013.

South MSE Wall:

No progress occurred during this reporting period. Progress is waiting on leveling mat construction and timber connection placement.

II) Storm Water Management

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

CQA ACTIVITIES:

I) **Field Activities:** Observation of construction activities during this reporting period included: Tree removal, Production drilling and blasting, VLF/PSSA Cut to Fill and compaction, HWY 67 construction, Underground remediation, clay (SLF) processing.

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

SLF: Sample Numbers 64 thru 65 was obtained during this reporting period.

General Project Items

Meetings and Discussions: The Weekly Project Status meeting was held on October 30th between CC&V, Ames, CDOT and Amec.

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: Eric Lorenson Date: 2Nov2013

Reviewed By: Date: 11-12-13
Tim Burkhard
Project Resident Manager
Phone: 505.975.8655

Approved By: Scott Rudolph Date: 11-13-13

ATTACHMENT A

AMEC - 2013 CQA Field Staff Schedule MLE2

Name	Oct 27	Oct 28	Oct 29	Oct 30	Oct 31	Nov 1	Nov 2
Thorne Clark	-	PR	PR	PR	PR	-	-
Tim Burkhard	-	PR	PR	-	PR	PR	PR
Steve Rice	-	UG	UG	UG	UG	UG	-
Ben Melly	-	-	-	-	-	-	-
**Fred Taylor	-	ST	ST	ST	ST	ST	ST
Robert Redd	-	UG	UG	UG	-	UG	UG
Tyler Browning	-	-	-	ST	ST	ST	-
Reggie Long	-	-	-	-	-	-	-
*Ryan Fesler	-	ST	ST	ST	ST	ST	-
Eric Lorenson	-	ST	ST	ST	ST	ST	ST
Marcus Fernandez	-	ST	ST	ST	-	ST	-
Razi Molloy	-	LT	LT	LT	LT	LT	-

*Night shift
**Yeh and Associates – Subcontractor HWY 67

LEGEND

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

Photographs of daily activities:

Photo 1 Fill placement at UG 6167 and UG U6273.

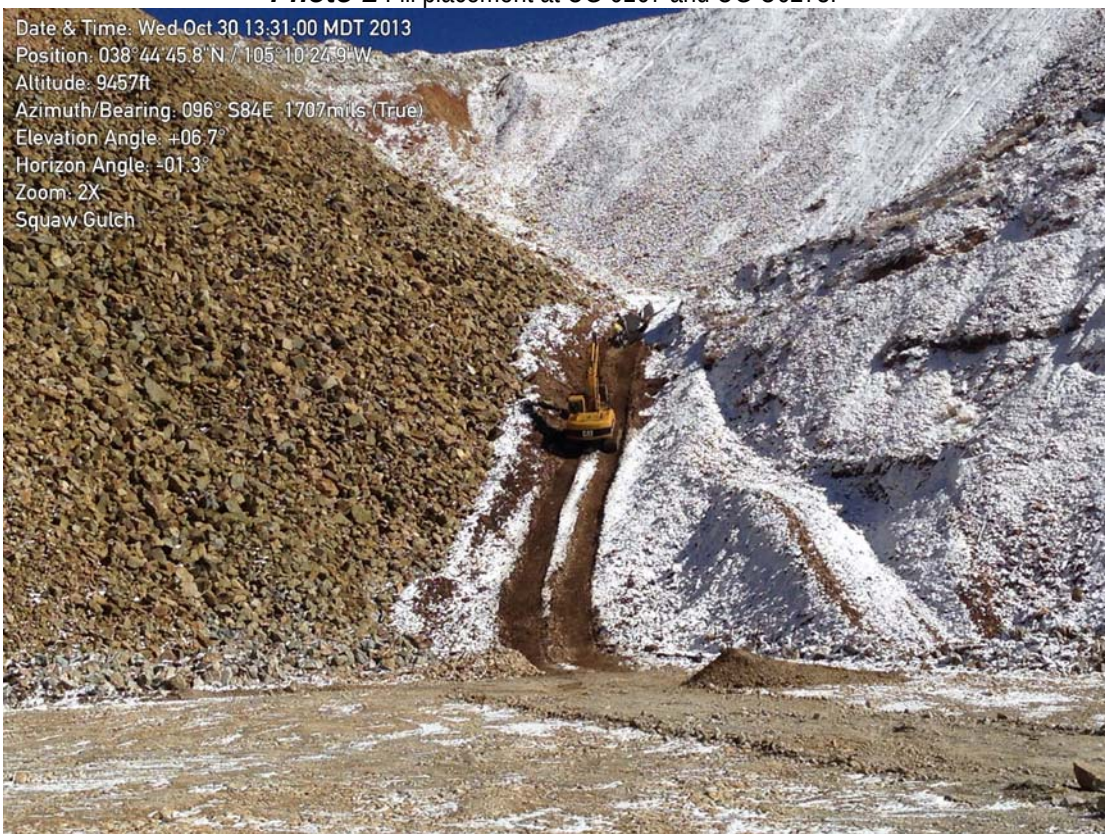
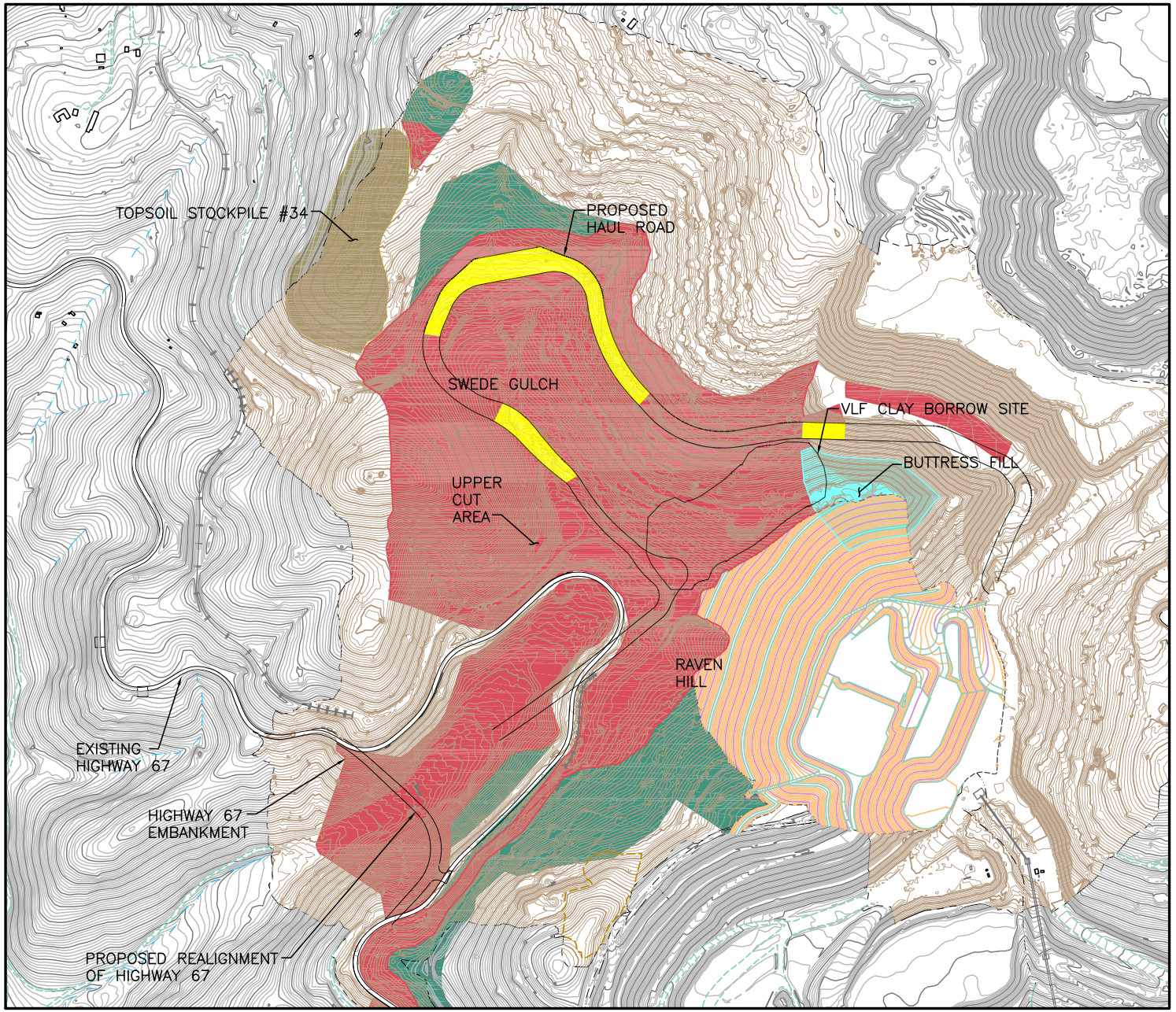


Photo 2: Secondary underdrain construction at Squaw gulch.

Photo 3: ADR haul road fill operations.

Photo 4: Buttress fill operations below Dump 4.



LEGEND:

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

NOTE:

AREAS SHOWN ARE APPROXIMATE AND NOT TO BE USED 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	MF	APPROVED BY	TMC	11/02/13	
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: Squaw Gulch (VLF), Hwy 67 Realignment
Location: Cripple Creek & Victor Gold Mine, Colorado
Contractor: Ames Construction Co. Inc.

Project Number: 74201125N0. ****. ****
Date 11.09.2013

Reporting Period: 11.03.13 thru 11.09.13

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

Ambient Temperature Ranges for reporting period:
Low: 9°F – 34°F
High: 28°F – 52°F

Weather conditions for reporting period:
Cloud Cover: Dense fog to partly cloudy
Precipitation: Snow Tuesday.
Wind: Calm to gusts at times

Ames: Continuing construction tasks for HWY 67 and VLF.

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

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (Phase I)

Topsoil / Overburden Stripping: A Cat D8T GPS was clearing and grubbing / pushing surface soils downgradient from stations Q2+00 to Q4+00.

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

Five production blasts' occurred during this reporting period within planned VLF limits.

Structural Fill:
Structural fill materials were placed and compacted at the buttress fill below Dump 4 near Bench H. A Cat D8R and D9R dozer were used to spread the loose lifts and compaction was achieved utilizing a Cat CS56 smooth drum roller by method specification. Any oversized material was broken by a Cat 345 excavator hammer-hoe.

Structural fill materials were placed and compacted at the PSSA toe berm. A Cat D8T was used to spread the loose lifts and compaction was achieved utilizing a Cat CS56 smooth drum roller by method specification.

Structural fill materials were produced from slope grading behind the Crib Wall adjacent to the Ball Mill fill from Benches "B" and "DD" and along Bench "A" in the vicinity the former Highway 67 roadway. Materials generated were used as fill at the PSSA toe berm and below Dump 4.

D8 dozers placed cut to fill near Bench F between approximate stations F12+00 to F4+00. The fill was compacted per method spec by a Cat smooth drum roller.

A Cat D8T GPS dozer worked on pioneering the southwestern perimeter road near station P2+00 to P4+00.

Clay (SLF) Processing:
Cameron Site: Clay processing continued during this reporting period. Approximately, 241,000 tons of soil liner fill material has been produced to date.

Squaw Gulch Clay Borrow Site: No overburden or clay mining occurred during this reporting period.

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

Approximate total of 2808 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.

Tree /Slash Clearing, Chipping:
Trees were removed along the northwestern perimeter road near station Q4+00 then hauled to the area 34 stockpile.

B) Underground Workings
Exploratory excavation continues in the VLF area.

Confirmatory drilling was performed during this reporting period on underground working No. 6003 and No. U6280. All drill hole locations were established on a 4-foot center isolating any voids found. Further remediation efforts will be ongoing until remediated.

Shot rock was removed at UG U6280 and some backfilling took place further remediation will be required.

Underground working No. 6105 and No U6278 were excavated to competent bedrock, then backfilled and compacted. These workings are considered remediated.

Found: Appears to be a timbered drainage culvert about 2 feet in height by 5 feet in width. The culvert is located near where the "old Blacksmith Shop" once stood and continues north into the existing drainage basin and was located under the old RR embankment. The culvert was located, however no UG number assigned.

Highway 67
Class 6 material was placed at the edge of the pavement along the shoulders of the Realignment.

South MSE Wall:
Concrete formwork and rebar installation for the leveling pads occurred at the base of the South MSE Wall.

II) Storm Water Management

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

CQA ACTIVITIES:

I) Field Activities: Observation of construction activities during this reporting period included: Tree removal, Production drilling and blasting, VLF/PSSA Cut to Fill and compaction, HWY 67and south MSE wall construction, Underground remediation and confirmation drilling, clay (SLF) processing.

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

DCF: Sample Numbers 33 and 34 was obtained during this reporting period.
SLF: Sample Numbers 66 and 67 was obtained during this reporting period.

General Project Items

Meetings and Discussions: The Weekly Project Status meeting was held on November 6th between CC&V, Ames, CDOT and Amec.

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: Eric Lorenson Date: 9Nov2013

Reviewed By: _____ **Date:** 11-14-13
Tim Burkhard
Project Resident Manager
Phone: 505.975.8655

Approved By: Scott Rutherford **Date:** 1-15-13

ATTACHMENT A

AMEC - 2013 CQA Field Staff Schedule MLE2

Name	Nov 3	Nov 4	Nov 5	Nov 6	Nov 7	Nov 8	Nov 9
Thorne Clark	-	-	-	-	PR	PR	-
Tim Burkhard	-	PR	PR	PR	PR	PR	-
Steve Rice	-	UG	UG	UG	UG	UG	UG
Ben Melly	-	-	-	-	ST	-	-
**Fred Taylor	-	ST	ST	ST	-	-	-
Robert Redd	-	UG	-	UG	UG	UG	-
Tyler Browning	-	-	-	-	-	-	-
Reggie Long	-	ST	ST	ST	ST	-	ST
Ryan Fesler	-	ST	ST	ST	ST	ST	ST
Eric Lorenson	-	ST	ST	ST	ST	ST	ST
Marcus Fernandez	-	ST	ST	ST	-	-	-
Razi Molloy	-	LT	LT	LT	-	LT	LT

**Yeh and Associates – Subcontractor HWY 67

LEGEND

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

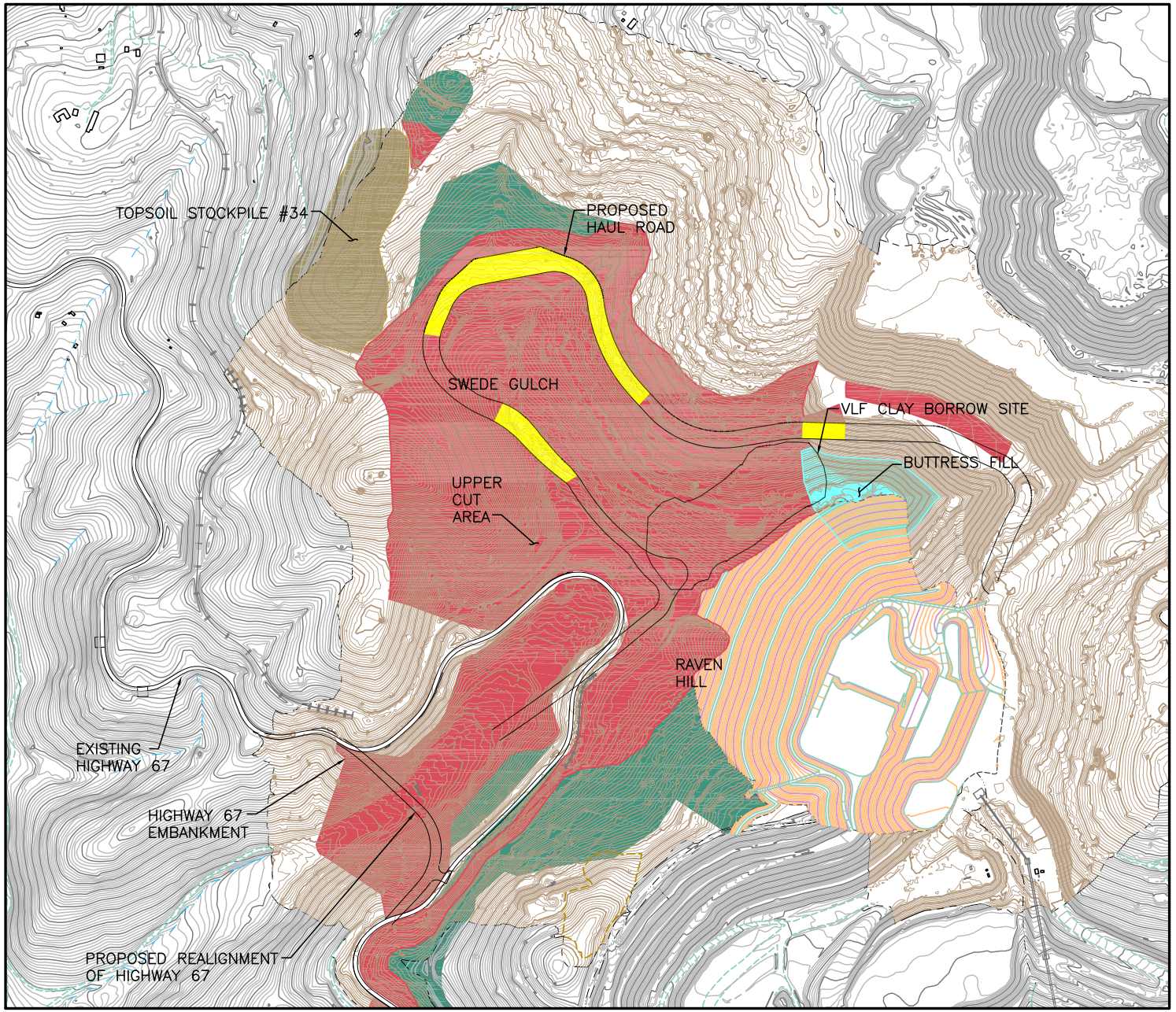
Photographs of daily activities:

Photo 1 Fill placement at the Buttress fill below Dump 4.

Photo 2: Fill placement at UG U6280.

Photo 3: Cut activities at the Raven Hill / Crib Wall area.

Photo 4: Rebar and concrete formwork for the leveling pad along the base of the South MSE wall.



LEGEND:

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

NOTE:

AREAS SHOWN ARE APPROXIMATE AND NOT TO BE USED 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	MF	APPROVED BY	TMC	11/09/13

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

Project Number: 74201125N0. ****. ****
Date 11.16.2013

Reporting Period: 11.10.13 thru 11.16.13

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

D = Day Shift N = Night Shift w = Weather Day

Ambient Temperature Ranges for reporting period:
Low: 21°F to 31°F
High: 34°F to 52°F

Weather conditions for reporting period:
Cloud Cover: Clear to partly cloudy.
Precipitation: None.
Wind: Calm to gusts at times.

Ames: Continuing construction tasks for HWY 67 and VLF.

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

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (Phase I)

Topsoil / Overburden Stripping: No topsoil / or over burden stripping occurred during this reporting period.

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

Production blasting: Five blasts occurred during this reporting period within planned VLF limits.

Structural Fill:
Structural fill materials were placed and compacted at the ADR haul road fill primarily near stations 67+00 to 70+00. A Cat D10T was used to spread the loose lifts and compaction was achieved utilizing a Cat CS56 smooth drum roller by method specification. Any oversized material encountered was broken with a Cat excavator hammer-hoe.

Structural fill materials were placed and compacted at the PSSA toe berm. A Cat D8T was used to spread the loose lifts and compaction was achieved utilizing a Cat CS56 smooth drum roller by method specification.

Structural fill materials were placed and compacted at the buttress fill between Dump 4 and the Ball Mill fill primarily between approximate stations H24+00 to H30+00. A Cat D9T was used to spread the loose lifts and compaction was achieved utilizing a Cat CS56 smooth drum roller by method specification. Any oversized material encountered was broken with a Cat excavator hammer-hoe.

D8 dozers placed fill near station A5+00 to A8+00. A Cat smooth drum vibrating roller compacted lifts placed in the fill area per method spec.

A Cat D8T and a Cat D6 dozer worked on constructing the south perimeter road near stations P2+00 to P12+00 and cutting the neighboring slopes to grade. A Cat CS56 smooth drum roller compacted the slope and road surfaces per method spec.

Fill material was generated from slope grading near Bench DD north of the Crib Wall for the ADR Road fill and the Buttress fill area. Fill materials used at the PSSA toe berm mostly originated from cut removed near Bench A (approximate stations A14+00 to A16+00). Fill material from above Bench A near station A4+00 was placed near station A5+00 to A8+00.

Clay (SLF) Processing:

Cameron Site: Clay processing ended at the Cameron site on Wednesday, November 13, 2013. The clay processing equipment was moved to the Squaw Gulch Clay Borrow area. Approximately, 244,860 tons of clay / soil liner fill (SLF) material was produced at the Cameron site. SLF produced from the operation remains stockpiled at Cameron Site for later removal / use.

Squaw Gulch Clay Borrow Site: Clay processing equipment was set up at the Squaw Gulch Clay Borrow Site and clay processing began on Saturday November 16, 2013. Approximately, 160 tons of soil liner fill material was produced during this reporting period at the Squaw Gulch Clay Borrow Site.

Underdrain System:

Secondary Underdrain: Approximately, 300 feet of secondary underdrain was installed in the VLF near / above station A6+00.

Approximately a total of 3,854 feet of Secondary Underdrain has been completed. Note that this figure has been reconciled from the previous week's report based on survey data.

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

A total of 1,294.60 feet of Primary underdrain has been completed.

Tree /Slash Clearing, Chipping:

Trees were removed along Phase 2 Diversion Channel alignment and were stockpiled in the area for later removal.

B) Underground Workings

Confirmatory drilling was performed during this reporting period on underground working No. 6087, 6282, and 6283. All drill hole locations were established on a 4-foot center isolating any voids found. Further remediation efforts will be ongoing until remediated. Summary of the remediation efforts will follow when remediation is completed.

Remediation blasting occurred at UG 6003. Remediation to continue.

Underground workings No. U6280 and 6036 were prepared for concrete plug placement.

28 unknown workings (UG #s U6361 through U6387) were located downslope from the Phase 2 Diversion Channel and Access Road and 3 unknown workings were located near the south perimeter road (UG No. U6340, U6388 and U6389). Remediation is pending.

Underground working No. U6335 was excavated to competent bedrock, then backfilled and compacted. The working is considered remediated.

C) Highway 67

Class 6 material was placed at the edge of the pavement along the shoulders of the Realignment.

South MSE Wall:
Leveling pad concrete form work construction and concrete pouring for the leveling pad occurred. Work to continue.

A Cat 302 mini excavator was observed removing tailings from behind the Crib Wall to expose the timbers for use on the South MSE Wall facade.

II) Storm Water Management

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

CQA ACTIVITIES:

I) **Field Activities:** Observation of construction activities during this reporting period included: Tree removal, Production drilling and blasting, VLF/PSSA Cut to Fill and compaction, Class-6 material placement along the shoulders of the HWY 67 alignment and leveling pad construction at the South MSE Wall, Underground remediation, clay (SLF) processing.

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

SLF: Sample Numbers 68 and 69-S were obtained during this reporting period. Note that samples with the suffix "-S" indicate the material originated from the Squaw Gulch Borrow Site; sample numbers lacking the suffix are from the Cameron Site.

DCF: Sample Numbers 35 thru 38 were obtained during this reporting period.

General Project Items

Meetings and Discussions: The Weekly Project Status meeting was held on November 13th between CC&V, Ames, and Amec.

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: Drilling commenced for the closure drain late Friday night / Saturday morning (Nov 15/16).

Deliveries: None

CQA Monitor
Submitted by: Eric Lorenson Date: 16 Nov 2013

Reviewed By: Date: 1-21-13
Tim Burkhard
Project Resident Manager
Phone: 505.975.8655

Approved By: Scott Rebhahn Date: 1-22-13

ATTACHMENT A

AMEC - 2013 CQA Field Staff Schedule MLE2

Name	Nov 10	Nov 11	Nov 12	Nov 13	Nov 14	Nov 15	Nov 16
Tim Burkhard	-	PR	PR	PR	PR	PR	PR
Steve Rice	-	UG	UG	UG	UG	UG	-
Ben Melly	-	-	-	-	-	ST	-
**Fred Taylor	-	ST	ST	ST	-	-	-
Robert Redd	-	UG	UG	UG	UG	UG	UG
Tyler Browning	-	-	ST	ST	ST	ST	ST
Reggie Long	-	ST	ST	ST	ST	ST	-
Ryan Fesler	-	ST	ST	ST	-	-	-
Eric Lorenson	-	ST	ST	ST	ST	ST	ST
Razi Molloy	-	LT	LT	LT	LT	LT	-

**Yeh and Associates – Subcontractor HWY 67

LEGEND

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

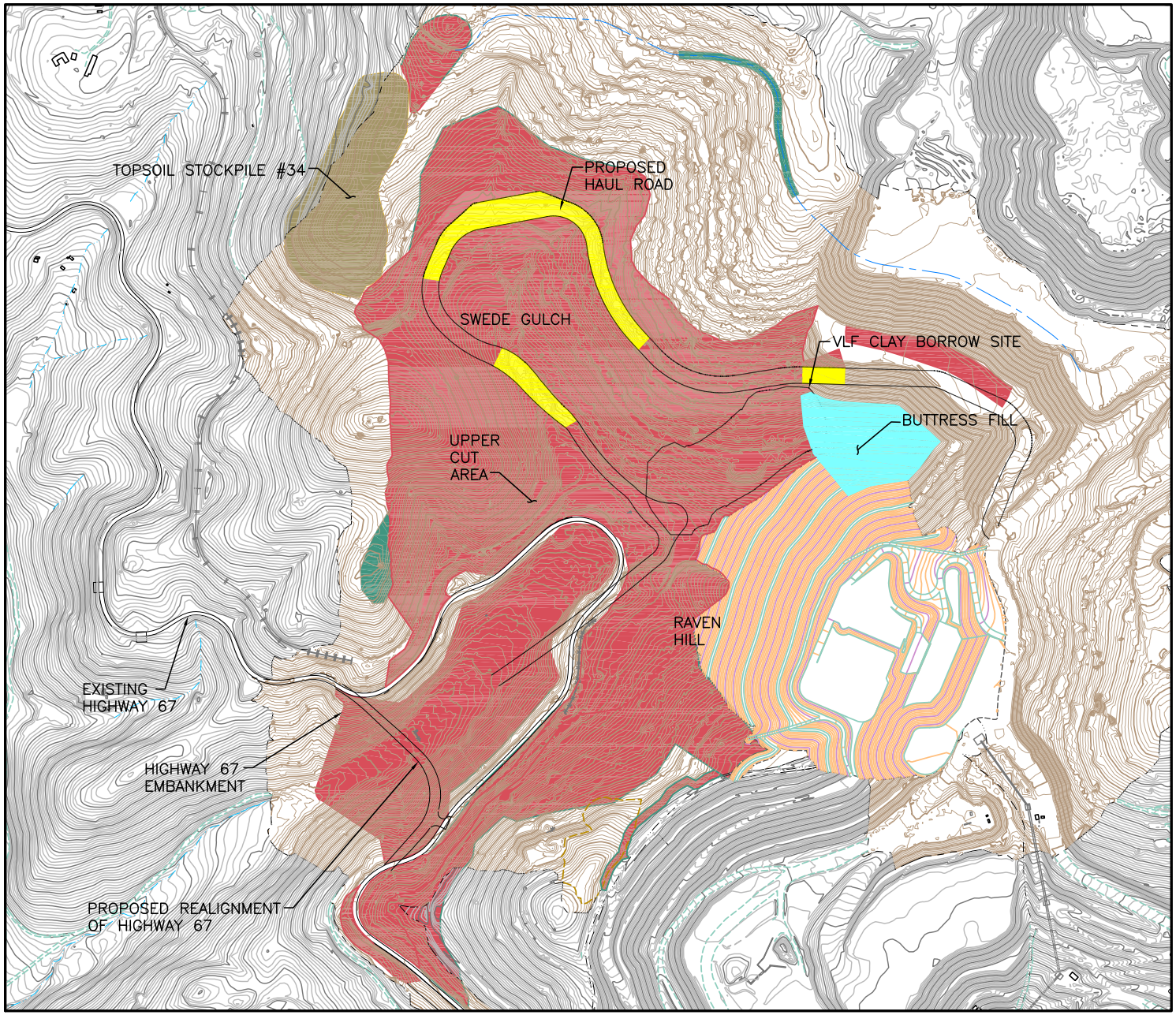
Photographs of daily activities:

Photo 1 Form work at the base of the South MSE Wall.

Photo 2: Crib wall removal.

Photo 3: Secondary Underdrain installation near station A6+00.

Photo 4: Fill Placement at the PSSA (lower) and cut and fill operations near stations A4+00 to A6+00(upper).



LEGEND:

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

NOTE:

AREAS SHOWN ARE APPROXIMATE AND NOT TO BE USED 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	MF	APPROVED BY	TMC	11/18/13

FILENAME	FIGURE No.	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: Squaw Gulch (VLF), Hwy 67 Realignment
Location: Cripple Creek & Victor Gold Mine, Colorado
Contractor: Ames Construction Co. Inc.

Project Number: 74201125N0. ****. ****
Date 11.23.2013

Reporting Period: 11.17.13 thru 11.23.13

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

D = Day Shift N = Night Shift w = Weather Day

Ambient Temperature Ranges for reporting period:
Low: 7°F to 27°F
High: 23°F to 51°F

Weather conditions for reporting period:
Cloud Cover: Clear to overcast .
Precipitation: Snow Thursday through Saturday.
Wind: Calm to gusts at times.

Ames: Continuing construction tasks for HWY 67 and VLF.

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

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (Phase I)

Topsoil / Overburden Stripping: Overburden stripping occurred at the Squaw Gulch Clay Borrow area.

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

Production blasting: Two blasts occurred during this reporting period within planned VLF limits.

Structural Fill:
Structural fill materials were placed and compacted at the ADR haul road fill primarily near stations 63+00 to 67+00. A Cat D10T was used to spread the loose lifts and compaction was achieved utilizing a Cat CS56 smooth drum roller by method specification. Any oversized material encountered was broken with a Cat excavator hammer-hoe.

Structural fill materials were placed and compacted at the PSSA toe berm. A Cat D8T was used to spread the loose lifts and compaction was achieved utilizing a Cat CS56 smooth drum roller by method specification.

Structural fill materials were placed and compacted at the buttress fill between Dump 4 and the Ball Mill fill primarily between approximate stations H24+00 to H30+00. A Cat D9T was used to spread the loose lifts and compaction was achieved utilizing a Cat CS56 smooth drum roller by method specification. Any oversized material encountered was broken with a Cat excavator hammer-hoe.

D8 dozers placed fill near station A4+00 to A8+00. A Cat smooth drum vibrating roller compacted lifts placed in the fill area per method spec.

A Cat D8T and a Cat D6 dozer worked on constructing the south perimeter road near stations P2+00 to P12+00 and cutting the neighboring slopes to grade. A Cat CS56 smooth drum roller compacted the slope and road surfaces per method spec.

A Cat D8R and a Cat D9R Dozer were diverting the existing haul road near the Phase 2 surface water diversion channel and sediment detention pond north of underground working number UG 6239.

A Cat 330 excavator hammer hoe was breaking / grading the slope north of the Cripple Creek side of the Hwy 67 Realignment adjacent to the road way.

Fill material was generated for the ADR Road fill and the Buttress fill area from slope grading near Bench DD north of the Crib Wall and from the slope above the ADR haul road near station 67+00 to 72+00. Fill materials used at the PSSA toe berm mostly originated from cut removed near Bench A (approximate stations A14+00 to A16+00). Fill material from above Bench A near station A12+00 was placed near station A5+00 to A8+00.

Clay (SLF) Processing:

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

Squaw Gulch Clay Borrow Site: Clay processing and overburden removal took place at the Squaw Gulch Clay Borrow Site. Approximately, 3,100 tons of soil liner fill material has been produced at the Squaw Gulch Clay Borrow Site to date.

Underdrain System:

Secondary Underdrain: No secondary underdrain was installed during this reporting period. Approximately, a total of 3,854 feet of Secondary underdrain has been completed.

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

Tree /Slash Grubbing and Clearing, Chipping:

No grubbing or clearing took place during this reporting period.

B) Underground Workings

Confirmatory drilling was performed on underground working No. 6304. All borehole locations were established on a 4-foot center isolating any voids found. Further remediation efforts will be ongoing until remediated. Summary of the remediation efforts will follow when remediation is completed.

Underground workings No. 6036, 6087, and 6282 were prepared for concrete plug placement.

Concrete plug placement occurred in underground workings No. 6087, U6280 and 6282

Workings 6306 and 6390 were located. Remediation is pending.

Underground working No. 6099, 6103, 6104, U6331, and U6333 were excavated to competent bedrock, then backfilled and compacted. The workings are considered remediated.

Working UG #6102 was excavated to approximately 20 feet. The bottom of the apparent shaft was not found. Drilling access was constructed for confirmatory drilling.

C) Highway 67

No significant construction activities occurred at the Hwy 67 Realignment.

South MSE Wall:
Leveling pad concrete form work construction and concrete pouring for the leveling pad occurred.

The slopes above the South MSE Wall and to the southeast of the wall were hydro-seeded.

A Komatsu mini excavator was observed removing tailings from behind the Crib Wall to expose the timbers for use on the South MSE Wall facade.

II) Storm Water Management

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

CQA ACTIVITIES:

I) **Field Activities:** Observation of construction activities during this reporting period included: Production drilling and blasting, VLF/PSSA cut to fill and compaction, South MSE wall leveling pad construction and near-by hydro seeding, Underground remediation and confirmation drilling, clay (SLF) processing.

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

SLF: Sample Numbers 70-S and 71-S were obtained during this reporting period. Note that samples with the suffix "-S" indicate the material originated from the Squaw Gulch Borrow Site; sample numbers lacking the suffix are from the Cameron Site.

DCF: Sample Numbers 39 and 40 were obtained during this reporting period.

General Project Items

Meetings and Discussions: The Weekly Project Status meeting was held on November 20th between CC&V, Ames, and Amec.

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: Drilling continued for the closure drain hydro testing during the early part of the week. Hydro testing was completed by November 21st and the hydro-test boreholes were abandoned with bentonite grout by November 22nd.

Deliveries: None

CQA Monitor
Submitted by: Eric Lorenson Date: 23 Nov 2013

Reviewed By: _____ **Date:** _____
Tim Burkhard
Project Resident Manager
Phone: 505.975.8655

Approved By: Scott Rideout **Date:** 12-3-13

ATTACHMENT A

AMEC - 2013 CQA Field Staff Schedule MLE2

Name	Nov 17	Nov 18	Nov 19	Nov 20	Nov 21	Nov 22	Nov 23
Tim Burkhard	-	PR	PR	PR	PR	PR	-
Steve Rice	-	UG	UG	UG	UG	UG	-
Ben Melly	-	-	-	-	ST	ST	ST
**Fred Taylor	-	ST	-	ST	-	-	-
Robert Redd	-	UG	UG	UG	UG	UG	-
Tyler Browning	-	ST	ST	ST	ST	-	-
Reggie Long	-	-	-	ST	ST	-	-
Eric Lorenson	-	ST	ST	ST	ST	ST	ST
Razi Molloy	-	LT	LT	LT	LT	LT	-

**Yeh and Associates – Subcontractor HWY 67

LEGEND

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

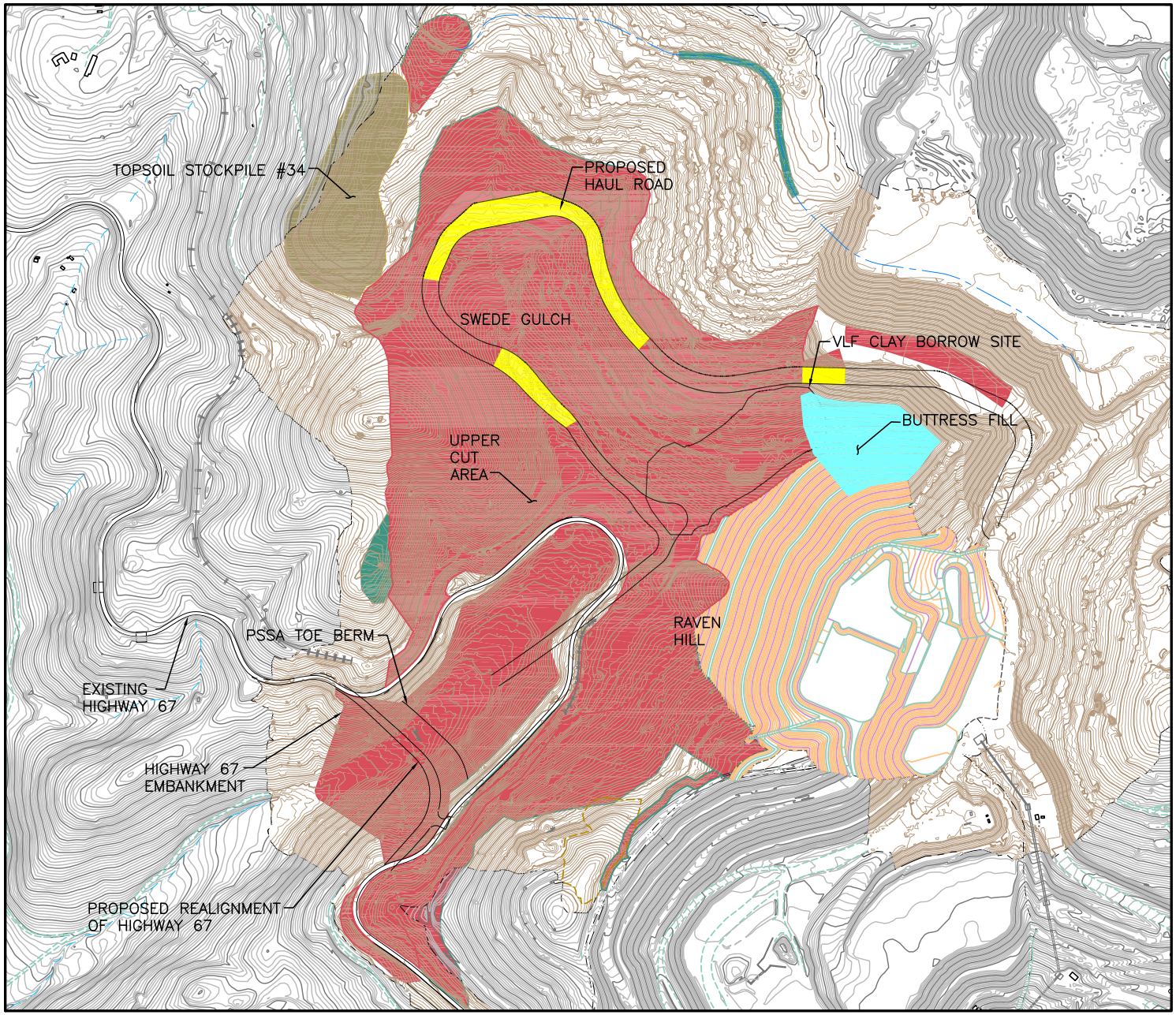
Photographs of daily activities:

Photo 1: Hydro-seeding southeast of the South MSE Wall.

Photo 2: Fill placement at the PSSA Toe Berm.

Photo 3: Closure Drain hydro testing borehole abandonment (Borehole #1).

Photo 4: Tailings removal behind the Crib Wall.



LEGEND:

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

NOTE:

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

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	MF	APPROVED BY	TMC	11/23/13

FILENAME	FIGURE No.	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: Squaw Gulch (VLF), Hwy 67 Realignment
Location: Cripple Creek & Victor Gold Mine, Colorado
Contractor: Ames Construction Co. Inc.

Project Number: 74201125N0. ****. ****
Date 11.30.2013

Reporting Period: 11.24.13 thru 11.30.13

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

Ambient Temperature Ranges for reporting period:
Low: 16°F
High: 22°F to 31°F

Weather conditions for reporting period:
Cloud Cover: Partly cloudy to overcast .
Precipitation: Snow Monday.
Wind: Calm to gusts at times.

Ames: Continuing construction tasks for HWY 67 and VLF.

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

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (Phase I)

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

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

Production blasting: No production blasting occurred during this reporting period within planned VLF limits.

Structural Fill:
Ames worked on clearing snow from roads leading to the fill areas. No other cut or fill operations occurred during this reporting period.

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

Squaw Gulch Clay Borrow Site: No Clay mining or processing occurred at the Squaw Gulch Clay Borrow Site. Approximately, 3,100 tons of soil liner fill material has been produced at the Squaw Gulch Clay Borrow Site to date.

Underdrain System:
Secondary Underdrain: No secondary underdrain was installed during this reporting period. Approximately, a total of 3,854 feet of Secondary underdrain has been completed.

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

Tree /Slash Grubbing and Clearing, Chipping:
No grubbing or clearing took place during this reporting period.

B) **Underground Workings**
No underground working remediation or confirmatory drilling occurred during this reporting period.

C) **Highway 67**
No significant construction activities occurred at the Hwy 67 Realignment.

South MSE Wall:
No significant construction activities occurred at the South MSE Wall.

II) **Storm Water Management**

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

CQA ACTIVITIES:

I) **Field Activities:** Observation of construction activities during this reporting period included: Production drilling and snow removal.

II) **Laboratory Activities:** Permeability laboratory testing continued during this reporting period.

No samples were obtained during this reporting period.

General Project Items
Meetings and Discussions: None

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: Eric Lorenson Date: 30 Nov 2013

Reviewed By: T. Burkhard Date: 12-3-13
Tim Burkhard
Project Resident Manager
Phone: 505.975.8655

Approved By: Scott Redington Date: 12-4-13

ATTACHMENT A

AMEC - 2013 CQA Field Staff Schedule MLE2

Name	Nov 24	Nov 25	Nov 26	Nov 27	Nov 28	Nov 29	Nov 30
Tim Burkhard	-	PR	PR	-	-	-	-
Steve Rice	-	-	-	-	-	-	-
Ben Melly	-	ST	ST	-	-	-	-
**Fred Taylor	-	-	-	-	-	-	-
Robert Redd	-	UG	UG	-	-	-	-
Tyler Browning	-	-	-	-	-	-	-
Reggie Long	-	ST	ST	-	-	-	-
Eric Lorenson	-	ST	ST	-	-	-	-
Razi Molloy	-	LT	LT	-	-	-	-

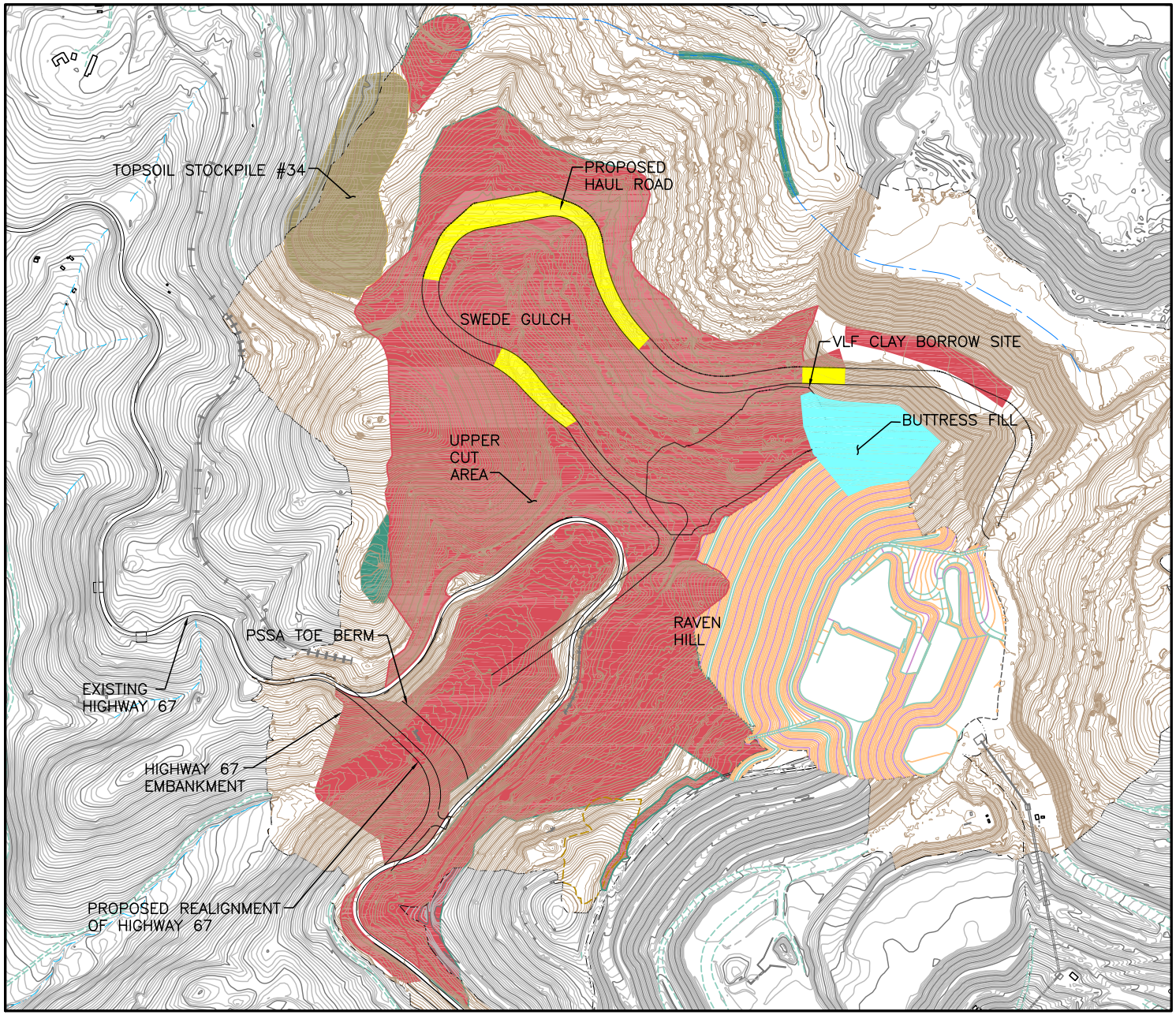
**Yeh and Associates – Subcontractor HWY 67

LEGEND

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

Photographs of daily activities:

No photographs were collected due to limited construction activities.



LEGEND:

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

NOTE:

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

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	MF	APPROVED BY	TMC	11/26/13

FILENAME	FIGURE No.	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: Squaw Gulch (VLF), Hwy 67 Realignment
Location: Cripple Creek & Victor Gold Mine, Colorado
Contractor: Ames Construction Co. Inc.

Project Number: 74201125N0. ****. ****
Date 12.07.2013

Reporting Period: 12.01.13 thru 12.07.13

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

D = Day Shift N = Night Shift W = Weather Day

Ambient Temperature Ranges for reporting period:
Low: -3°F to 23°F
High: 8°F to 39°F

Weather conditions for reporting period:
Cloud Cover: Clear to overcast.
Precipitation: Snow Wednesday and Thursday
Wind: Calm to gusts at times.

Ames: Continuing construction tasks for HWY 67 and VLF.

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

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (Phase I)

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

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

Production blasting: Two blasts occurred during this reporting period within planned VLF limits.

Structural Fill:
Structural fill materials were placed and compacted at the ADR haul road near stations 65+00 to 67+00. A Cat D8T dozer was used to spread the loose lifts and compaction was achieved utilizing a Cat CS56 smooth drum roller by method specification. Any oversized material encountered was broken with a Cat excavator hammer-hoe.

Structural fill materials were placed and compacted at the PSSA toe berm. A Cat D8T was used to spread the loose lifts and compaction was achieved utilizing a Cat CS56 smooth drum roller by method specification.

Structural fill materials were placed and compacted at the buttress fill between Dump 4 and the Ball Mill fill primarily between approximate stations H24+00 to H30+00. A Cat D8 and D9 dozer were used to spread the loose lifts and compaction was achieved utilizing a Cat CS56 smooth drum roller by method specification. Any oversized material encountered was broken with a Cat excavator hammer-hoe.

A Cat D10 and a D8 (GPS) dozer placed fill near station E1+00 to E4+00. A Cat smooth drum vibrating roller compacted lifts placed in the fill area per method spec.

A Cat D8Tdozer and a John Deere 1050J dozer worked on constructing the south perimeter road near stations P8+00 to P12+00 and cutting the neighboring slopes to grade. A Cat CS56 smooth drum roller compacted the slope and road surfaces per method spec.

A Cat D8 dozer and a Cat CS56 smooth drum roller were used to cut, place, and compact fill at the Phase 2 Diversion Channel.

A Cat 330 excavator hammer hoe was breaking / grading the slope north of the Cripple Creek side of the Hwy 67 Realignment adjacent to the road way. Excess material from this area was used as fill at the PSSA toe berm.

Fill material was generated for the ADR Road fill and the Buttress fill area from slope grading near Bench DD north of the Crib Wall and from the and from overburden and shot rock removed near Bench A (approximate stations A13+00 to A18+00).

Clay (SLF) Processing:

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

Squaw Gulch Clay Borrow Site: Clay processing took place at the Squaw Gulch Clay Borrow Site. Approximately, 6,300 tons of soil liner fill material has been produced at the Squaw Gulch Clay Borrow Site to date.

Underdrain System:

Secondary Underdrain: A Cat 330 excavator was used to complete approximately 200 LF of Secondary Underdrain down slope from station 70+00 on the ADR road. The underdrain was completed per Sheet A250, Detail "Secondary Underdrain". Approximately, a total of 4,054 feet of Secondary underdrain has been completed.

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

Tree /Slash Grubbing and Clearing, Chipping:

A Cat 330 was observed clearing and grubbing near station A0+00 above the former Hwy 67 roadway and the PSSA Toe Berm.

B) Underground Workings

Confirmatory drilling was performed on underground working No.6102, 6336, 6337, 6338, U6366, U6369, U6370, and U6388. All borehole locations were established on a 4-foot center isolating any voids found. Further remediation efforts will be ongoing until remediated. Summary of the remediation efforts will follow when remediation is completed.

UG #U6394: Unknown, previously found to be a 2X5 "timbered drainage culvert":
Approximately, 70-feet of the culvert was removed. Work to continue.

Underground working No.6304 was blasted and then remediated using a 2-layered geogrid system.

UG #6260: Known Adit, within Phase 2 diversion Ditch and North Access road:
Attempted to locate the previously located adit. Possibly under recently placed fill. Location to continue next week.

Underground working No. 6365 was excavated to competent bedrock, then backfilled and compacted. The working is considered remediated.

C) **Highway 67**
Ames cleaned soil and hydro-seeding debris from the surface of the Hwy 67 realignment with a power broom.

South MSE Wall:
No significant construction activities occurred at the South MSE Wall.

II) **Storm Water Management**

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

CQA ACTIVITIES:

I) **Field Activities:** Observation of construction activities during this reporting period included: Production drilling and blasting, VLF/PSSA cut to fill and compaction, perimeter road construction; Clearing and grubbing and Underground remediation and confirmation drilling, clay (SLF) processing.

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

SLF: Sample Numbers 72-S, 73-S, and 74-S were obtained during this reporting period. Note that samples with the suffix "-S" indicate the material originated from the Squaw Gulch Borrow Site; sample numbers lacking the suffix are from the Cameron Site.

DCF: Sample Numbers 41 was obtained during this reporting period.

General Project Items
Meetings and Discussions: The Weekly Project Status meeting was held on December 4th between CC&V, Ames, and Amec.

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: Eric Lorenson Date: 7 Dec. 2013

Reviewed By: Date: 12-11-13
Tim Burkhard
Project Resident Manager
Phone: 505.975.8655

Approved By: Brian Ward Date: 12-11-13

ATTACHMENT A

AMEC - 2013 CQA Field Staff Schedule MLE2

Name	Dec 1	Dec 2	Dec 3	Dec 4	Dec 5	Dec 6	Dec 7
Tim Burkhard	-	PR	PR	PR	PR	PR	-
Steve Rice	-	UG	UG	UG	UG	UG	UG
Ben Melly	-	-	-	ST	ST	ST	ST
Robert Redd	-	UG	-	UG	UG	UG	-
Tyler Browning	-	ST	ST	ST	ST	-	-
Reggie Long	-	-	-	-	-	-	-
Eric Lorenson	-	ST	ST	ST	ST	ST	ST
Razi Molloy	-	LT	LT	LT	LT	LT	-

LEGEND

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

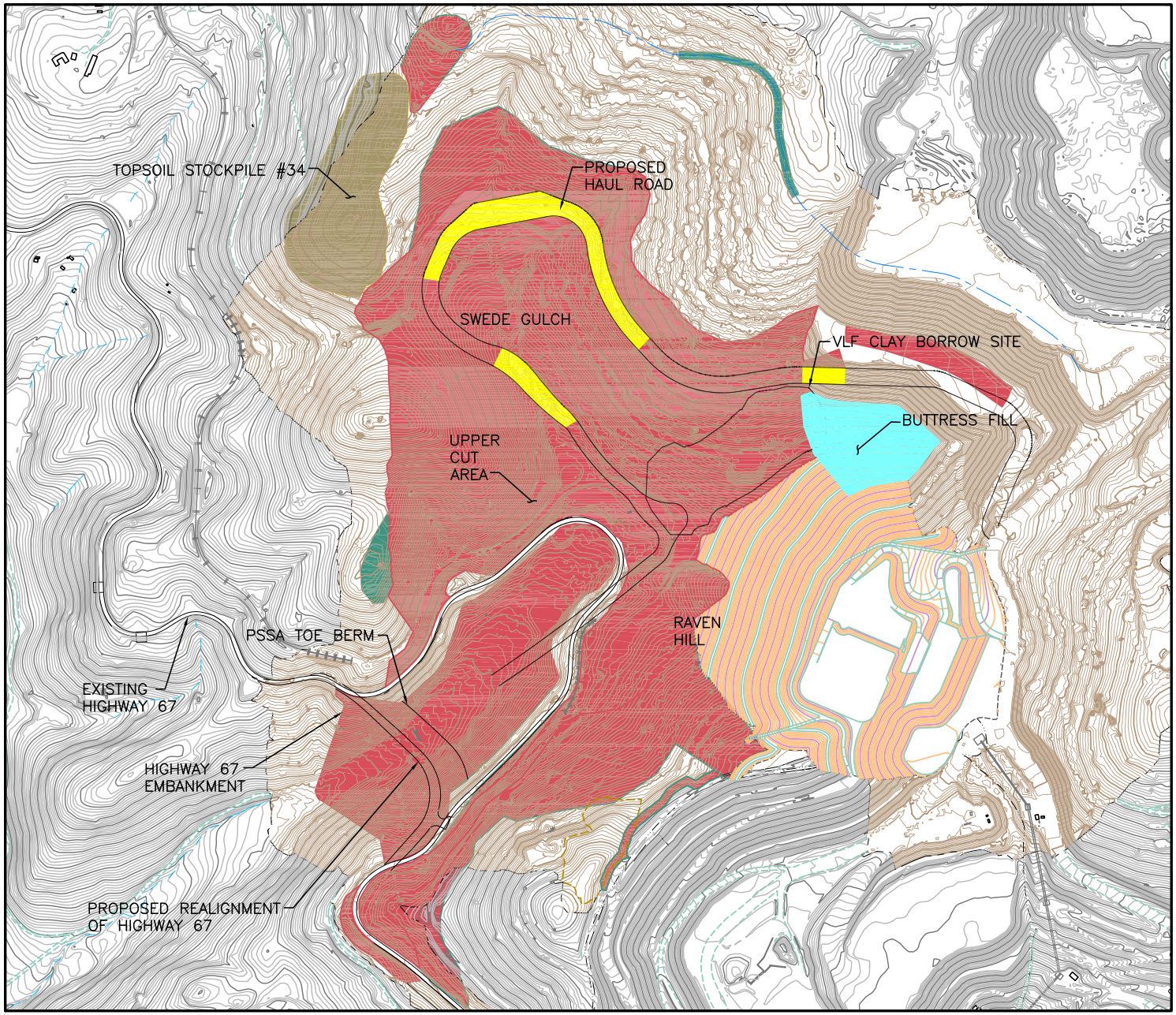
Photographs of daily activities:

***Photo 1*:** Clearing and grubbing above the PSSA Toe Berm near station A0+00.

***Photo 2*:** Clay processing at Squaw Gulch.

Photo 3: Slope grading near the Cripple Creek tie-in above Hwy 67.

Photo 4: Geogrid placement and fill covering at UG6304.



LEGEND:

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

NOTE:

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

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	MF	APPROVED BY	TMC	12/7/13

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

Project Number: 74201125N0. ****. ****
Date 12.14.2013

Reporting Period: 12.08.13 thru 12.14.13

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

D = Day Shift N = Night Shift W = Weather Day

Ambient Temperature Ranges for reporting period:
Low: -6°F to 25°F
High: 6°F to 43°F

Weather conditions for reporting period:
Cloud Cover: Mostly clear.
Precipitation: None
Wind: Variable.

Ames: Continuing construction tasks for HWY 67 and VLF.

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

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (Phase I)

Topsoil / Overburden Stripping: No topsoil or overburden stripping occurred this week; however, the slopes of the Area 34 Topsoil Stockpile were graded by dozers.

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

Production blasting: Three blasts occurred during this reporting period within planned VLF limits.

Structural Fill:
Cat 992 loaders and a John Deere 870 excavator removed structural material from near Bench A between approximate stations A6+00 and A20+00. The material was loaded into 777 haul trucks and transported to the buttress fill area between Dump 4 and the Ball Mill fill. The material was placed and compacted primarily between approximate stations H24+00 to H30+00. A Cat D8 and D9 dozer were used to spread the loose lifts and compaction was achieved utilizing a Cat CS56 smooth drum roller by method specification. Any oversized material encountered was broken with a Cat excavator hammer-hoe.

A Cat D10 and a D8 dozer graded the slopes and stockpile shot rock near station Q6+00 to Q10+00.

A Cat 320 graded the slopes to grade near A2+00 to C2+00.

Clay (SLF) Processing:

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

Squaw Gulch Clay Borrow Site: Clay processing took place at the Squaw Gulch Clay Borrow Site. Approximately, 13,360 tons of soil liner fill material has been produced at the Squaw Gulch Clay Borrow Site to date.

Underdrain System:

Secondary Underdrain: No work was performed on the Secondary underdrain during this reporting period. Approximately, a total of 4,054 feet of Secondary underdrain has been completed.

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

Tree /Slash Grubbing and Clearing, Chipping:

A Cat 330 was clearing and grubbing near station A0+00 above the former Hwy 67 roadway and the PSSA Toe Berm. And a Cat 330 excavator and a Cat D6 dozer were used for clearing and grubbing near the Phase 2 Diversion Channel.

B) Underground Workings

Confirmatory drilling was performed on underground working No. 6123, U6368, U6369, U6370, 6371, U6372, and U6374. All borehole locations were established on a 4-foot center isolating any voids found. Further remediation efforts will be ongoing until remediated. Summary of the remediation efforts will follow when remediation is completed.

UG #U6397: Unknown Surface Working: The site was excavated exposing an adit leading to the north. The site will require confirmation drilling.

UG #6260: Known Adit, within Phase 2 diversion Ditch and North Access road:
The adit was located and partially excavated to about 15 feet. Work stopped due to recently placed fill. Fill will need to be removed prior to the work continuing.

UG #6339: Known Surface Working: The working was located in a previously cut area. Survey now indicates there is 53 feet of fill to subgrade elevation. The site is considered remediated.

Underground working No.6372 and 6374 were filled with coarse shaft back fill material and prepared for remediation using a 2-layered geogrid system. UG 6372 has been remediated with geogrid. UG 6374 requires further work.

Underground workings No. 6336, 6337, 6338, U6366, U6367, U6368, U6369, U6370, 6371, U6373, U6375, 6376, U6377, U6380, U6381, U6382, U6383, U6393, and U6396 were excavated to competent bedrock, then backfilled and compacted. The workings are considered remediated.

C) Highway 67

No significant construction activities were observed at the Highway 67 Realignment.

South MSE Wall:

Approximately, 6 cubic yards of concrete were poured for the leveling pads at the South MSE Wall. This pour completed the concrete work for the leveling pads.

II) **Storm Water Management**

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

CQA ACTIVITIES:

I) **Field Activities:** Observation of construction activities during this reporting period included: Production drilling and blasting; VLF cut to fill and compaction; Underground remediation and confirmation drilling; Clearing and grubbing; Slope grading; Slope grading at Topsoil Stockpile #34; Leveling pad concrete work at the South MSE Wall; and clay (SLF) processing.

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

SLF: Sample Numbers 75-S and 76-S were obtained during this reporting period. Note that samples with the suffix "-S" indicate the material originated from the Squaw Gulch Borrow Site; sample numbers lacking the suffix are from the Cameron Site.

DCF: Sample Numbers 42 and 43 were obtained during this reporting period.

General Project Items

Meetings and Discussions: The Weekly Project Status meeting was held on December 11th between CC&V, Ames, and Amec.

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: Eric Lorenson Date: 14 Dec. 2013

Reviewed By: Date: 12-19-2013
Tim Burkhard
Project Resident Manager
Phone: 505.975.8655

Approved By: Scott Rudisill Date: 12-20-13

ATTACHMENT A

AMEC - 2013 CQA Field Staff Schedule MLE2

Name	Dec 1	Dec 2	Dec 3	Dec 4	Dec 5	Dec 6	Dec 7
Tim Burkhard	-	PR	PR	PR	PR	PR	PR
Steve Rice	-	UG	UG	UG	UG	UG	-
Ben Melly	-	ST	ST	ST	ST	ST	ST
Robert Redd	-	-	-	UG	UG	UG	UG
Tyler Browning	-	-	ST	ST	ST	ST	-
Reggie Long	-	ST	-	-	-	ST	ST
Eric Lorenson	-	ST	ST	ST	ST	ST	ST
Razi Molloy	-	LT	LT	LT	-	-	-

LEGEND

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

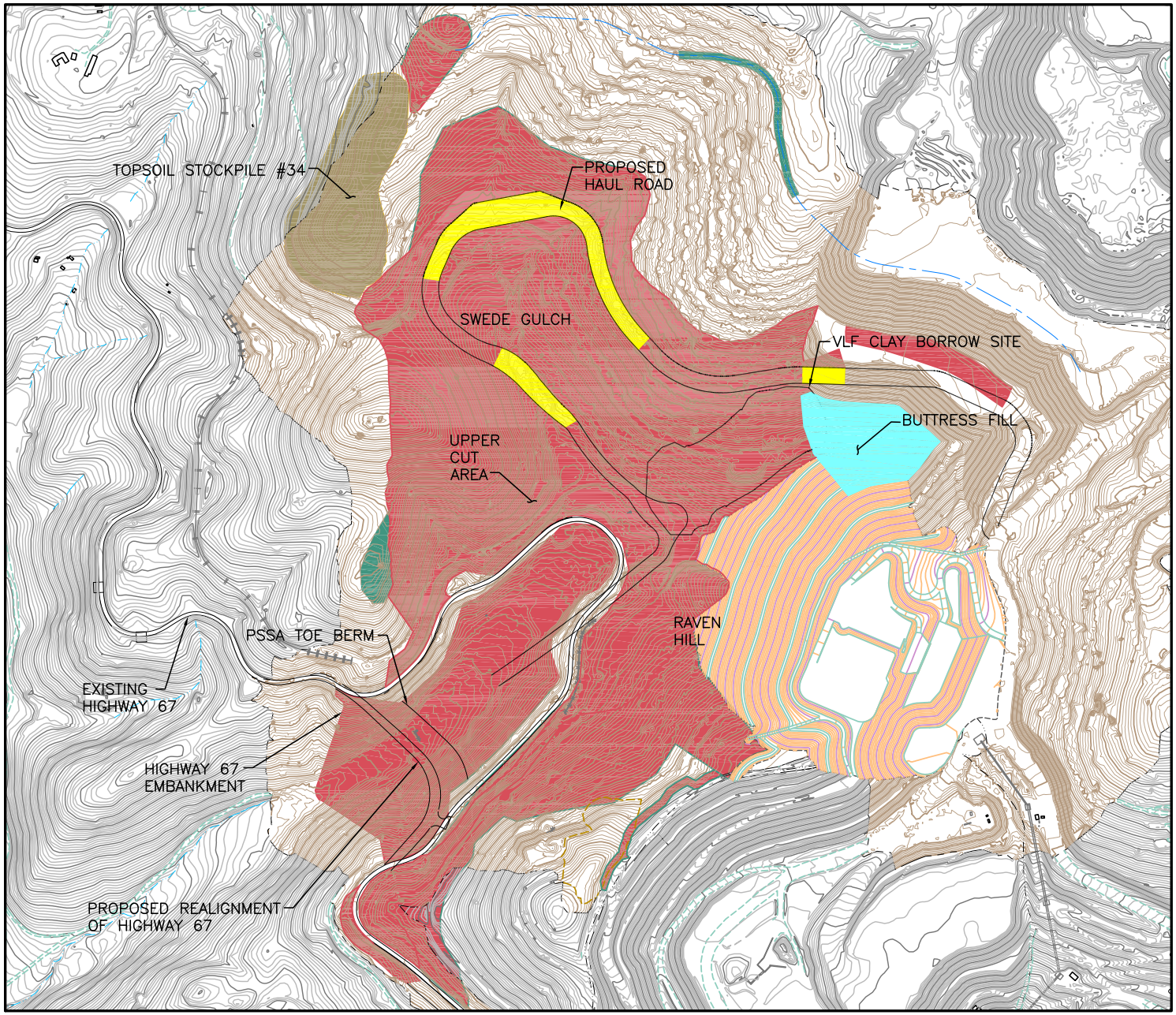
Photographs of daily activities:

***Photo 1*:** Placing, compacting and breaking oversize rocks at the buttress fill area.

***Photo 2*:** Production drilling near Station A16+00 and cut removal near station A18+00.

Photo 3: Excavating UG #6381-northwest side of the working.

Photo 4: Geogrid installation on UG #6372.



LEGEND:

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

NOTE:

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

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	MF	APPROVED BY	TMC	12/14/13

FILENAME	FIGURE No.	REV
–	1	A

CRIPPLE CREEK & VICTOR GOLD MINING Co.
Squaw Gulch (VLF), HWY 67 Realignment Field Monitoring Summary Weekly Report R-1

Owner:	Cripple Creek & Victor Gold Mining Co.	**Project Number:**	**Date**
Project:	Squaw Gulch (VLF), Hwy 67 Realignment	74201125N0. ****. ****	12.21.2013
Location:	Cripple Creek & Victor Gold Mine, Colorado		
Contractor:	Ames Construction Co. Inc.		

Reporting Period: 12.15.13 thru 12.21.13

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

D = Day Shift N = Night Shift W = Weather Day

Cihuah

Ambient Temperature Ranges for reporting period:
Low: 12°F to 28°F
High: 30°F to 45°F

Weather conditions for reporting period:
Cloud Cover: Mostly clear to overcast.
Precipitation: Snow on Saturday Dec. 21, 2013
Wind: Variable

Ames: Continuing construction tasks for HWY 67 and VLF.

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

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (Phase I)

Topsoil / Overburden Stripping: No topsoil or overburden stripping occurred this week; however, the slopes of the Area 34 Topsoil Stockpile were graded by dozers.

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

Production blasting: Four blasts occurred during this reporting period within planned VLF limits.

Structural Fill:
Cat 992 loaders and a John Deere 870 excavator removed structural material from near Bench A between approximate stations A6+00 and A20+00. The material was loaded into 777 haul trucks and transported to the ADR road fill between station 54+00 and 59+00 and to the buttress fill area between Dump 4 and the Ball Mill fill. A Cat D8 and D9 dozer were used to spread the loose lifts and compaction was achieved utilizing a Cat CS56 smooth drum roller by method specification. Any oversized material encountered was broken with a Cat excavator hammer-hoe.

A John Deere 850 excavator, a Cat CS56 smooth drum roller, two Cat D8 dozers, and Cat 740 haul trucks were used for cut to fill activities near the Phase 2 Diversion Channel adjacent to Dump 4 at approximate station 31+50. Material was cut from station 22+00 to 30+00 and placed in the wash adjacent to Dump 4 to create a ramp for haul truck access. Structural fill was placed in less than 3 foot lifts by the Cat D8 dozers. Compaction was completed per method specification.

Cat dozers graded the slopes downwards near station Q6+00 to Q12+00 and stockpile shot rock near station A6+00.

A Cat 330 excavator was grading the ½ to 1 slope on the northwest side of the PSSA area near stations A0+00.

Clay (SLF) Processing:

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

Squaw Gulch Clay Borrow Site: Clay processing took place at the Squaw Gulch Clay Borrow Site. Approximately, 19,300 tons of soil liner fill material has been produced at the Squaw Gulch Clay Borrow Site to date.

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

Underdrain System:

Secondary Underdrain: Approximately, 200 feet of secondary underdrain was installed between stations C6+00 and E11+00 and 810 feet was installed in the Phase 2 diversion Channel area adjacent to Dump. Approximately, a total of 5,064 feet of Secondary underdrain has been completed.

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

Tree /Slash Grubbing and Clearing, Chipping:

No clearing and grubbing occurred.

B) Underground Workings

Confirmatory drilling was performed on underground working No. U6397. All borehole locations were established on a 4-foot center isolating any voids found. Further remediation efforts will be ongoing until remediated. Summary of the remediation efforts will follow when remediation is completed.

UG #6123 was blasted and the shot rock was removed from the working.

Two depressions were excavated at UG U6387 to competent rock at depths of 16 feet and 22 feet. The depressions were backfilled using excavated material placed in 18 inch to 25 inch lifts that were compacted using the excavator bucket.

C) Highway 67

No significant construction activities were observed at the Highway 67 Realignment.

South MSE Wall:

No significant activities occurred at the South MSE Wall; however, Ames worked on removing tailings and timbers from the Crib Wall. The timbers will be used as the facade at the south MSE wall; the tailings were stockpiled for later removal.

II) Storm Water Management

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

CQA ACTIVITIES:

I) **Field Activities:** Observation of construction activities during this reporting period included: Production drilling and blasting; VLF cut to fill and compaction; Underground remediation and confirmation drilling; Slope grading; Slope grading at Topsoil Stockpile #34; Timber / tailings removal from the crib wall; Secondary underdrain work; and clay (Soil Liner Fill—SLF) and Drain Cover Fill (DCF) processing.

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

SLF: Sample Numbers 77-S through 79-S were obtained during this reporting period. Note that samples with the suffix "-S" indicate the material originated from the Squaw Gulch Borrow Site; sample numbers lacking the suffix are from the Cameron Site.

DCF: Sample Numbers 44 and 45 were obtained during this reporting period.

General Project Items

Meetings and Discussions: The Weekly Project Status meeting was held on December 18th between CC&V, Ames, and Amec.

Summary of Concerns: None

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

Miscellaneous: None.

Deliveries: None

Submitted by: Eric Lorenson Date: 21 Dec. 2013
CQA Monitor

Reviewed By: Date: 12-21-13
Tim Burkhard
Project Resident Manager
Phone: 505.975.8655

Approved By: Date: 1-2-14
CC&V Projects

ATTACHMENT A

AMEC - 2013 CQA Field Staff Schedule MLE2

Name	Dec 15	Dec 16	Dec 17	Dec 18	Dec 19	Dec 20	Dec 21
Tim Burkhard	-	PR	PR	PR	PR	PR	PR
Steve Rice	-	-	-	UG	UG	UG	-
Ben Melly	-	ST	ST	ST	ST	ST	ST
Robert Redd	-	UG	UG	UG	UG	-	-
Tyler Browning	-	-	ST	ST	ST	ST	ST
Reggie Long	-	ST	ST	ST	-	-	-
Eric Lorenson	-	ST	ST	ST	ST	ST	ST
Razi Molloy	-	LT	LT	LT	LT	LT	LT

LEGEND

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

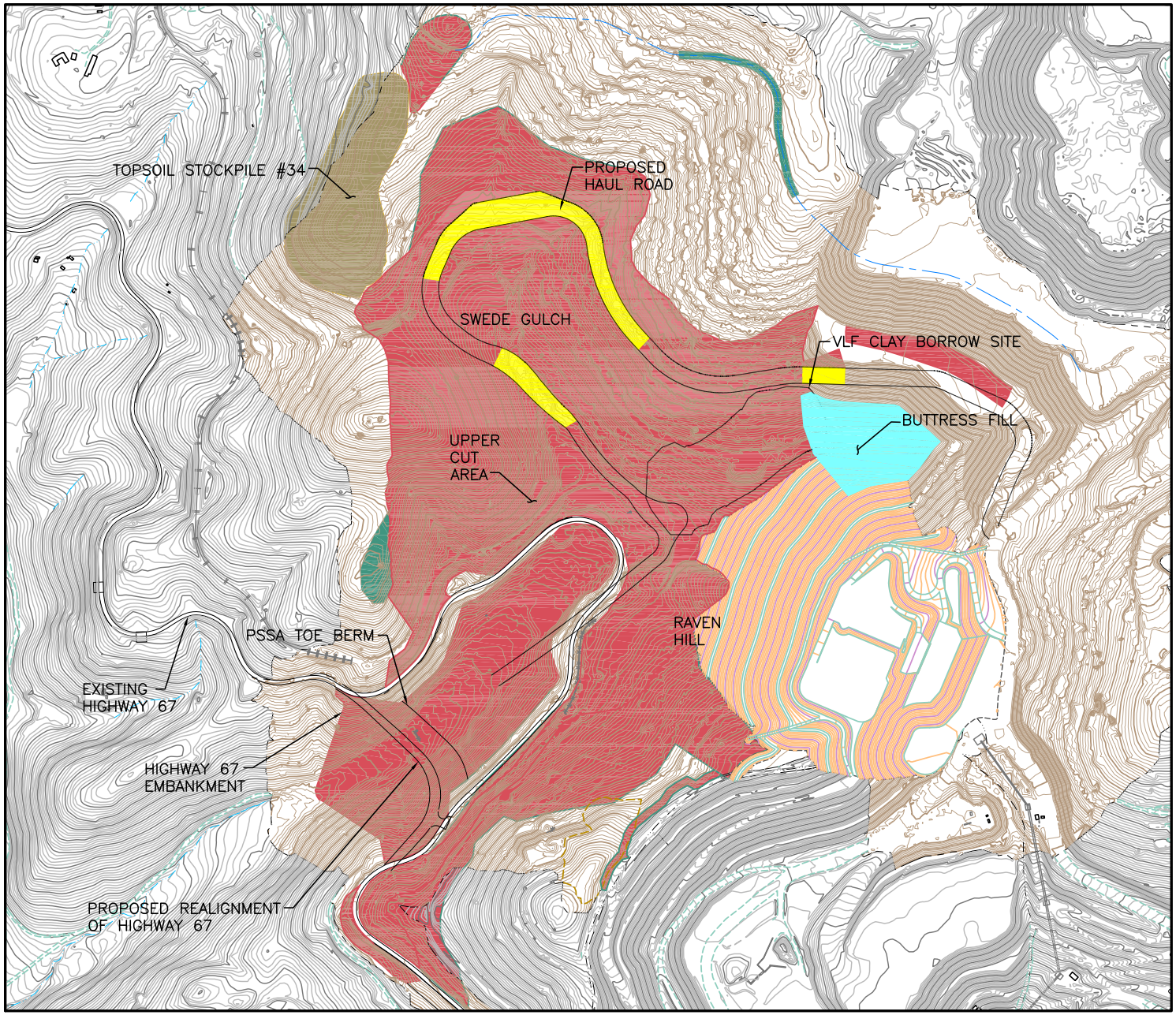
Photographs of daily activities:

***Photo 1*:** Cut removal and production drilling along Bench A.

***Photo 2*:** Secondary underdrain installation near the Phase 2 Diversion Channel.

Photo 3: Preparation for timber removal at the Crib Wall

Photo 4: Cut operations between stations Q6+00 and A6+00.



LEGEND:

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

NOTE:

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

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	MF	APPROVED BY	TMC	12/21/13

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

Project Number: 74201125N0. ****. ****
Date 12.28.2013

Reporting Period: 12.22.13 thru 12.28.13

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

D = Day Shift H = Holiday W = Weather Day

Cihuah

Ambient Temperature Ranges for reporting period:
Low: 5°F to 9°F
High: 19°F to 28°F

Weather conditions for reporting period:
Cloud Cover: Overcast.
Precipitation: Snow
Wind: Variable

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

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

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

II)

Note that work was suspended form December 23, 2013 to January 2, 2014 for the holiday break.

A) VLF (Phase I)

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

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

Production blasting: One blast occurred within the VLF.

Structural Fill: Cat dozers graded the slopes downwards near station Q6+00 to Q11+00 towards station A6+00.

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

Squaw Gulch Clay Borrow Site: Clay processing took place at the Squaw Gulch Clay Borrow Site. Approximately, 19,600 tons of soil liner fill material has been produced at the Squaw Gulch Clay Borrow Site to date.

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

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

Tree /Slash Grubbing and Clearing, Chipping:
No clearing and grubbing occurred.

B) Underground Workings
No significant construction activities occurred.

C) Historical Crib Wall / South MSE Wall:
No significant activities occurred at the Crib wall or South MSE Wall.

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

CQA ACTIVITIES:

I) **Field Activities:** Observation of construction activities during this reporting period included: Production drilling; Slope grading; and clay (Soil Liner Fill—SLF) and Drain Cover Fill (DCF) processing.

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

General Project Items
Meetings and Discussions: None.

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: Note that work was suspended form December 23, 2013 to January 2, 2014 for the holiday break.

Deliveries: None

Submitted by: Eric Lorenson Date: 28 Dec. 2013
CQA Monitor

Reviewed By: _____ **Date:** 1-2-14
Tim Burkhard
Project Resident Manager
Phone: 505.975.8655

Approved By: Scott Redalyk **Date:** 1-13-14
CC&V Projects

ATTACHMENT A

AMEC - 2013 CQA Field Staff Schedule MLE2

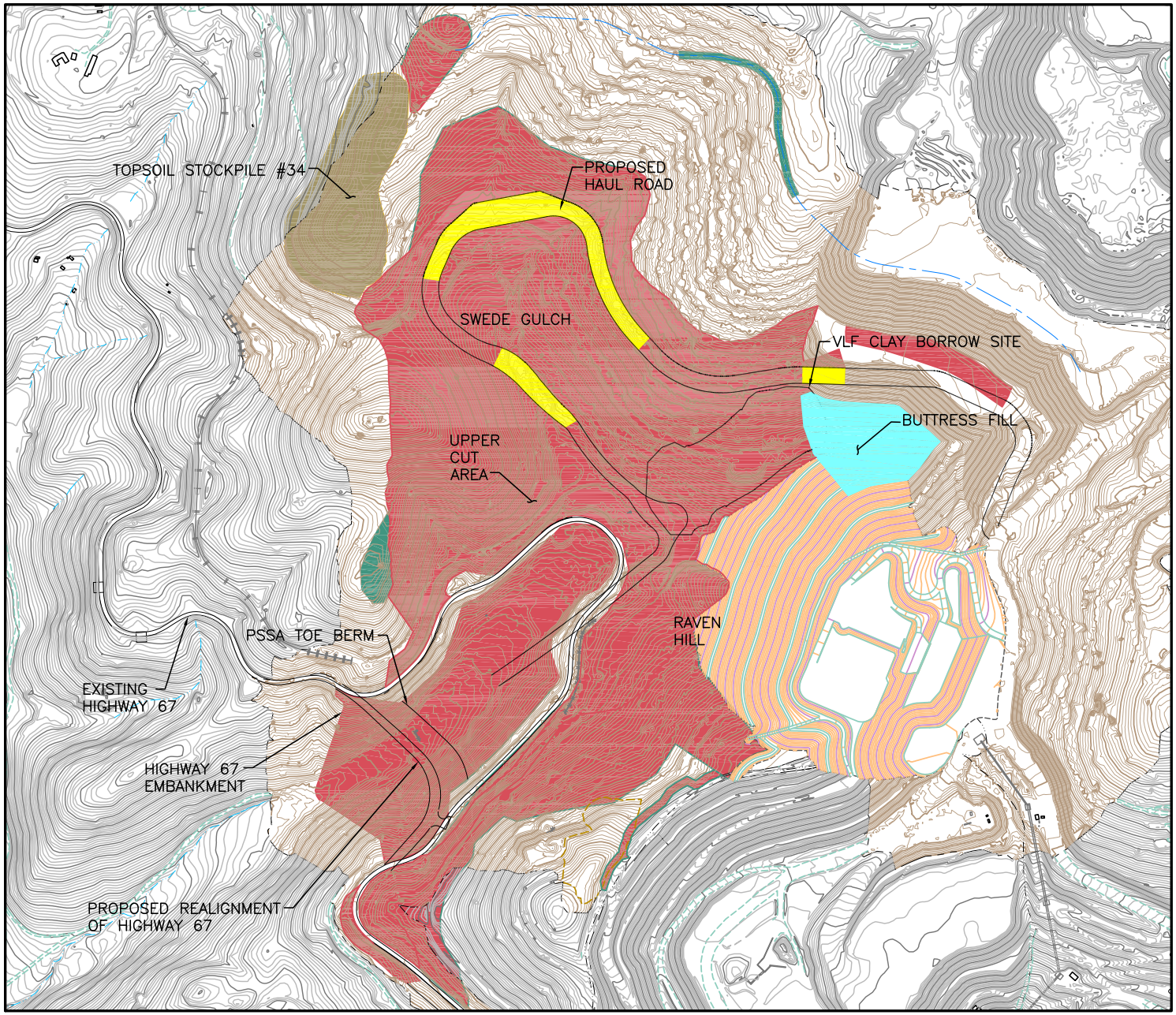
Name	Dec 22	Dec 23	Dec 24	Dec 25	Dec 26	Dec 27	Dec 28
Tim Burkhard	-	PR	-	-	-	-	-
Steve Rice	-	-	-	-	-	-	-
Ben Melly	ST	-	-	-	-	-	-
Robert Redd	-	-	-	-	-	-	-
Tyler Browning	-	-	-	-	-	-	-
Reggie Long	-	-	-	-	-	-	-
Eric Lorenson	ST	-	-	-	-	-	-
Razi Molloy	-	-	-	-	-	-	-

LEGEND

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

Photographs of daily activities:

Photo : Dozers pushing material downslope near station Q6+00.



LEGEND:

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

NOTE:

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

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	MF	APPROVED BY	TMC	12/23/13

FILENAME	FIGURE No.	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: Squaw Gulch (VLF), Hwy 67 Realignment
Location: Cripple Creek & Victor Gold Mine, Colorado
Contractor: Ames Construction Co. Inc.

Project Number: 74201125N0. ****. ****
Date 1.4.2014

Reporting Period: 12.29.13 thru 1.4.14

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

D = Day Shift H = Holiday W = Weather Day

Ambient Temperature Ranges for reporting period:
Low: -2°F to 24°F
High: 26°F to 39°F

Weather conditions for reporting period:
Cloud Cover: Clear to overcast.
Precipitation: Snow on Saturday Jan. 4, 2014
Wind: Variable

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

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

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

Note that work was suspended form December 23, 2013 to January 2, 2014 for the holiday break.

A) VLF (Phase I)

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

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

Production blasting: One blast occurred within the VLF.

Structural Fill:
Cat dozers were grading cut downslope near stations Q6+00 to Q11+00 towards station A6+00 where it was loaded out by a Cat 992G loader. The material was loaded into 777 haul trucks and transported to the ADR road fill near approximate station 68+00 and 72+00 and to the buttress fill adjacent to Dump 4 and the Ball Mill fill. The material was placed in an approximately 24 inch lift by a Cat D9R dozer. A Cat 330 excavator rock hammer broke oversized rock while a Cat CS56B smooth drum vibratory roller compacted the lifts per method specification. A Cat 14 grader was utilized to smooth the fill surface before it was rolled.

A John Deere 850 excavator, a Cat CS56 smooth drum roller, a Cat D8 dozer, and Cat 740 haul trucks were used for cut to fill activities the near the Phase 2 Diversion Channel. Material was cut from stations 19+00 to 22+00 and placed in the wash adjacent to Dump 4 near stations 30+50 to 32+00. Rock fill was placed in 3 foot maximum lifts by the Cat D8 dozer. Compaction was completed per method specification.

Clay (SLF) Processing:

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

Seven test pits were dug south of the Cameron area to locate further sources of clay. The test pits were excavated using a Cat 320 excavator and ranged from 6 feet to 10 feet in depth. Clay was sampled from one of the test pits for laboratory analysis (the rest of the test pits did not have useable amounts of clay).

Squaw Gulch Clay Borrow Site: Clay processing took place at the Squaw Gulch Clay Borrow Site. Approximately, 21,900 tons of soil liner fill material has been produced at the Squaw Gulch Clay Borrow Site to date.

A Cat 345 and a John Deere 870 excavator were used to load Cat 777 haul trucks with clay till at the upper portions of the Squaw Gulch Clay Borrow area. The till was transported to lower portion of the borrow area for processing.

Underdrain System:

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

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

Tree /Slash Grubbing and Clearing, Chipping:

No clearing and grubbing occurred.

B) Underground Workings

UG U6397: Unknown Surface Working.
The working was blasted.

UG 6123: Collapsed Stope.
A Cat 330 excavator removed blasted material from the working.

C) Historical Crib Wall / South MSE Wall:

A Komatsu excavator was used to remove material from the back side of the crib wall to expose timbers to be used for the facade at the south MSE wall. No timbers/panels were removed.

II) Storm Water Management

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

CQA ACTIVITIES:

I) Field Activities: Observation of construction activities during this reporting period included: Slope grading and fill placement; Underground working basting and remediation; Production drilling and blasting; Tailings removal at the historic Crib Wall; Test pitting for clay sources; and Clay (Soil Liner Fill—SLF) and Drain Cover Fill (DCF) processing.

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

SLF Sample Number 80-S was collected and returned to Amec's laboratory for analysis.

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

Tree /Slash Grubbing and Clearing, Chipping:
No clearing and grubbing occurred.

B) Underground Workings
No significant construction activities occurred.

C) Historical Crib Wall / South MSE Wall:
No significant activities occurred at the Crib wall or South MSE Wall.

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

CQA ACTIVITIES:

I) **Field Activities:** Observation of construction activities during this reporting period included: Production drilling; Slope grading; and clay (Soil Liner Fill—SLF) and Drain Cover Fill (DCF) processing.

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

General Project Items
Meetings and Discussions: None.

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: Note that work was suspended form December 23, 2013 to January 2, 2014 for the holiday break.

Deliveries: None

Submitted by: Eric Lorenson Date: 28 Dec. 2013
CQA Monitor

Reviewed By: _____ **Date:** 1-2-14
Tim Burkhard
Project Resident Manager
Phone: 505.975.8655

Approved By: Scott Redalyk **Date:** 1-13-14
CC&V Projects

ATTACHMENT A

AMEC - 2013 CQA Field Staff Schedule MLE2

Name	Dec 29	Dec 30	Dec 31	Jan 1	Jan 2	Jan 3	Jan 4
Tim Burkhard	-	-	-	-	PR	PR	PR
Steve Rice	-	-	-	-	-	-	-
Ben Melly	-	-	-	-	ST	ST	ST
Robert Redd	-	-	-	-	UG	UG	-
Tyler Browning	-	-	-	-	ST	ST	ST
Reggie Long	-	-	-	-	-	-	-
Eric Lorenson	-	-	-	-	ST	ST	ST
Razi Molloy	-	-	-	-	LT	LT	-

LEGEND

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

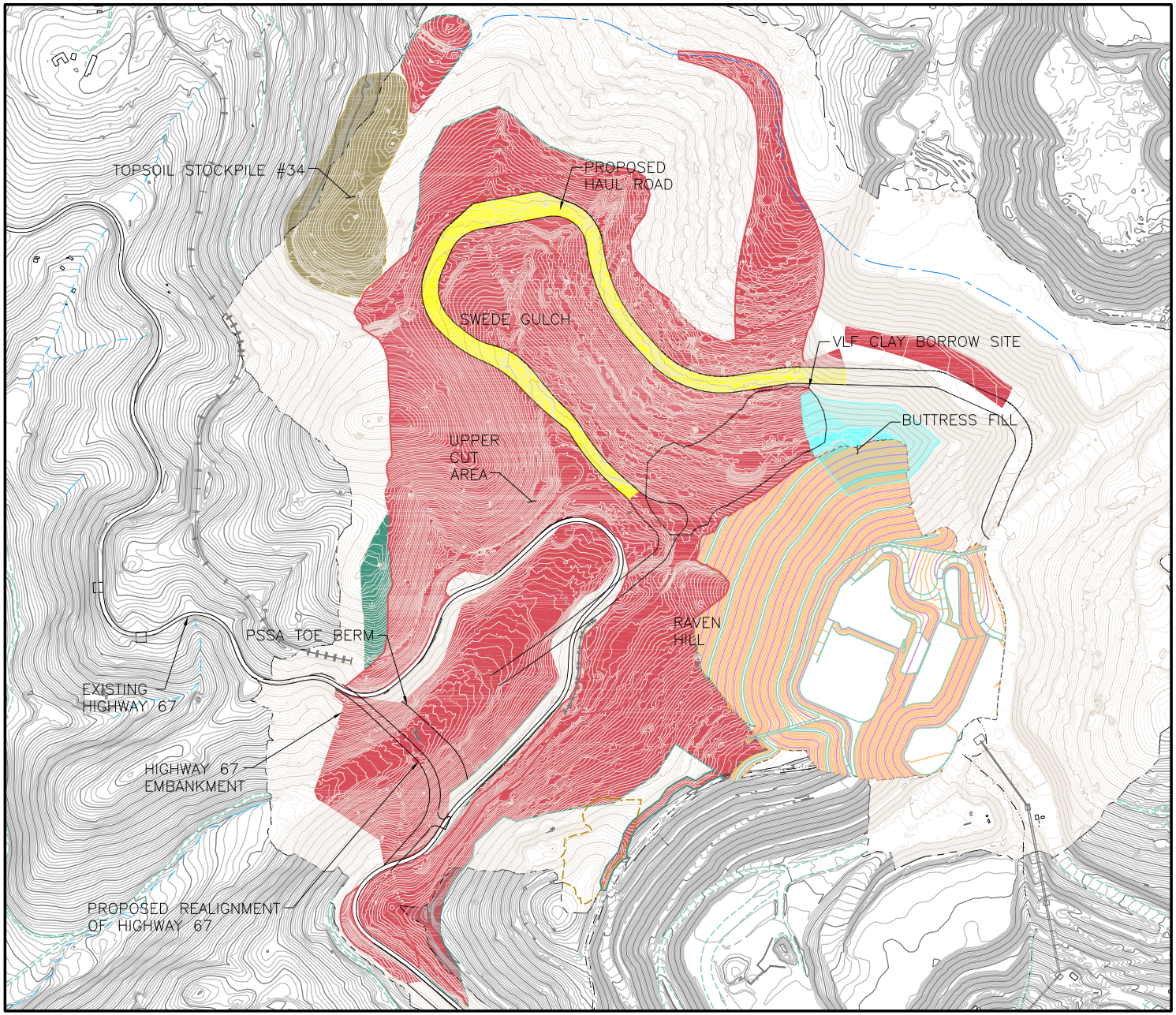
Photographs of daily activities:

Photo 1: Fill placement at the ADR road.

Photo 2: Cut operations between stations Q6+00 and A6+00.

Photo 3: Cut operations in the Phase 2 Diversion Channel area.

Photo 4: Loading out clay till for the Squaw Gulch clay processing plant.



LEGEND:

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

NOTE:

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

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	MF	APPROVED BY	TMC	01/11/13

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

Project Number: 74201125N0. ****. ****
Date 1.11.2014

Reporting Period: 1.5.14 thru 1.11.14

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

Ambient Temperature Ranges for reporting period:
Low: -5°F to 18°F
High: 18°F to 39°F

Weather conditions for reporting period:
Cloud Cover: Clear to party cloudy.
Precipitation: None
Wind: Variable

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

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

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (Phase I)

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

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

Production blasting: Four blasts occurred within the VLF.

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

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

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

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

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

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

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

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

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

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

Clay (SLF) Processing:

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

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

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

Underdrain System:

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

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

Tree /Slash Grubbing and Clearing, Chipping:

No clearing and grubbing occurred.

B) Underground Workings

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

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

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

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

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

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

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

CQA ACTIVITIES:

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

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

DCF: Samples 46 and 47 were collected and returned to Amec's laboratory for analysis.
SLF Sample Number 81-S through 85-S were collected and returned to Amec's laboratory for analysis.

General Project Items

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

Summary of Concerns: None.

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

Miscellaneous: None.

Deliveries: None

Submitted by: Eric Lorenson Date: 11 Jan. 2014
CQA Monitor

Reviewed By: _____ **Date:** 1-14-14
Tim Burkhard
Project Resident Manager
Phone: 505.975.8655

Approved By: Scott Rudolph **Date:** 1-15-14
CC&V Projects

ATTACHMENT A

AMEC - 2013 CQA Field Staff Schedule MLE2

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

LEGEND

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

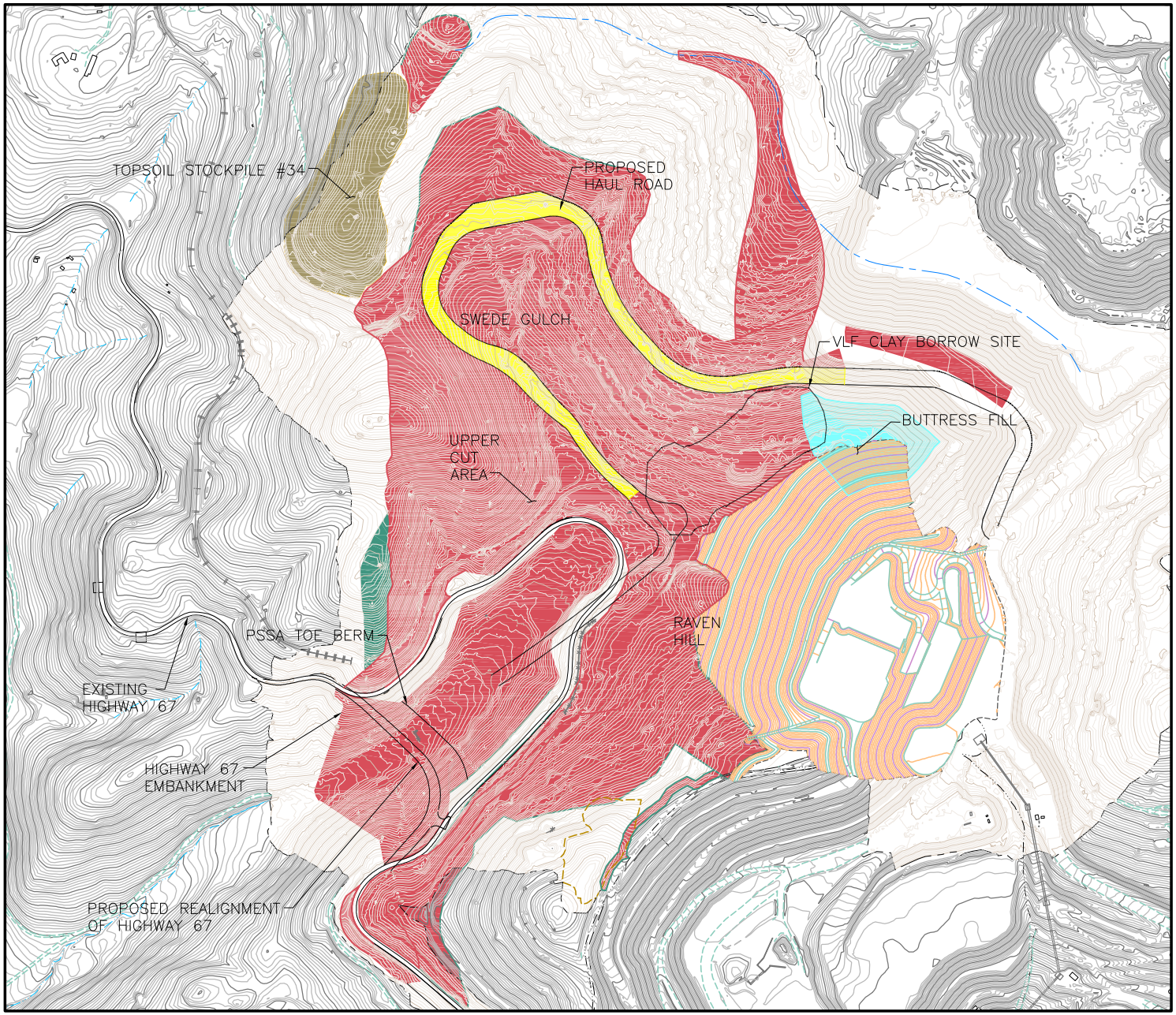
Photographs of daily activities:

Photo 1: Historical Crib Wall dismantling.

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

Photo 3: Cut operations near station A20+00.

Photo 4: Fill placement at the Buttress Fill area.



LEGEND:

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

NOTE:

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

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	MF	APPROVED BY	TMC	01/11/13

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

Project Number: 74201125N0. ****. ****
Date 1.18.2014

Reporting Period: 1.12.14 thru 1.18.14

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

Ambient Temperature Ranges for reporting period:
Low: 6°F to 19°F
High: 22°F to 42°F

Weather conditions for reporting period:
Cloud Cover: Party cloudy.
Precipitation: None
Wind: Variable

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

CONSTRUCTION ACTIVITIES and PROGRESS:

I) Earthworks

A) VLF (Phase I)

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

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

Production blasting: Four blasts occurred within the VLF.

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

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

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

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

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

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

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

Clay (SLF) Processing:

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

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

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

Underdrain System:

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

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

Tree /Slash Grubbing and Clearing, Chipping:

No clearing and grubbing occurred.

B) Underground Workings

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

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

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

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

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

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

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

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

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

II) **Storm Water Management**

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

CQA ACTIVITIES:

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

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

DCF: Samples 48 and 49 were collected and returned to Amec's laboratory for analysis.
SLF Sample Number 86-S through 90-S were collected and returned to Amec's laboratory for analysis.

General Project Items

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

Summary of Concerns: None.

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

Miscellaneous: None.

Deliveries: None

Submitted by: Eric Lorenson Date: 18 Jan. 2014
CQA Monitor

Reviewed By: _____ **Date:** 1-24-14
Tim Burkhard
Project Resident Manager
Phone: 505.975.8655

Approved By: _____ **Date:** 1-24-14
CC&V Projects

ATTACHMENT A

AMEC - 2013 CQA Field Staff Schedule MLE2

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

LEGEND

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