



Cripple Creek & Victor Gold Mining Company

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

Operations Office

P.O. Box 191 · 100 North 3rd Street
Victor, Colorado 80860
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SENT CERTIFIED, RETURN RECEIPT REQUESTED
7011-0470-0000-4833-9131

January 14, 2014

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

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

Subject: Weekly Construction Quality Assurance ("CQA") Report:
AMEC: Squaw Gulch (VLF), Hwy 67 Realignment - Week ending 01/04/14.

m-1980-244

Dear Mr. Cazier:

Cripple Creek & Victor Gold Mining Company ("CC&V") is hereby providing the weekly Construction activity and Progress report prepared by AMEC, reporting the CQA services performed for the Squaw Gulch (VLF), Hwy 67 Realignment Construction during the week ending January 4, 2014.

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

Sincerely,

Timm Comer
Manager, Environmental Resources

Enclosures: AMEC Squaw Gulch (VLF), Hwy 67 Realignment Monitoring Summary (Weekly Report).
Week ending 01/04/14.

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JAN 21 2014

Division of Reclamation,
Mining & Safety



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

Owner:	Cripple Creek & Victor Gold Mining Co.	Project Number:	74201125NO. ****. ****	Date	1.4.2014
Project:	Squaw Gulch (VLF), Hwy 67 Realignment				
Location:	Cripple Creek & Victor Gold Mine, Colorado				
Contractor:	Ames Construction Co. Inc.				

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 from December 23, 2013 to January 2, 2014 for the holiday break.

A) VLF (Phase I)

Topsoll / 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.



General Project Items

Meetings and Discussions: The Contractor Meeting occurred on January 3, 2014 between 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: Tests pits were excavated in Dump 4 to locate potential clay sources. Six test pits were completed (January 3rd and 4th) of which only one test pit was noted to have useable clay.

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

Deliveries: None

Submitted by: Eric Lorensen
CQA Monitor

Date: 4 Jan. 2014

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

Date: 1-13-14

Approved By: [Signature]
CC&V Projects

Date: 1-14-14



ATTACHMENT A



AMEC - 2013 COA 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:

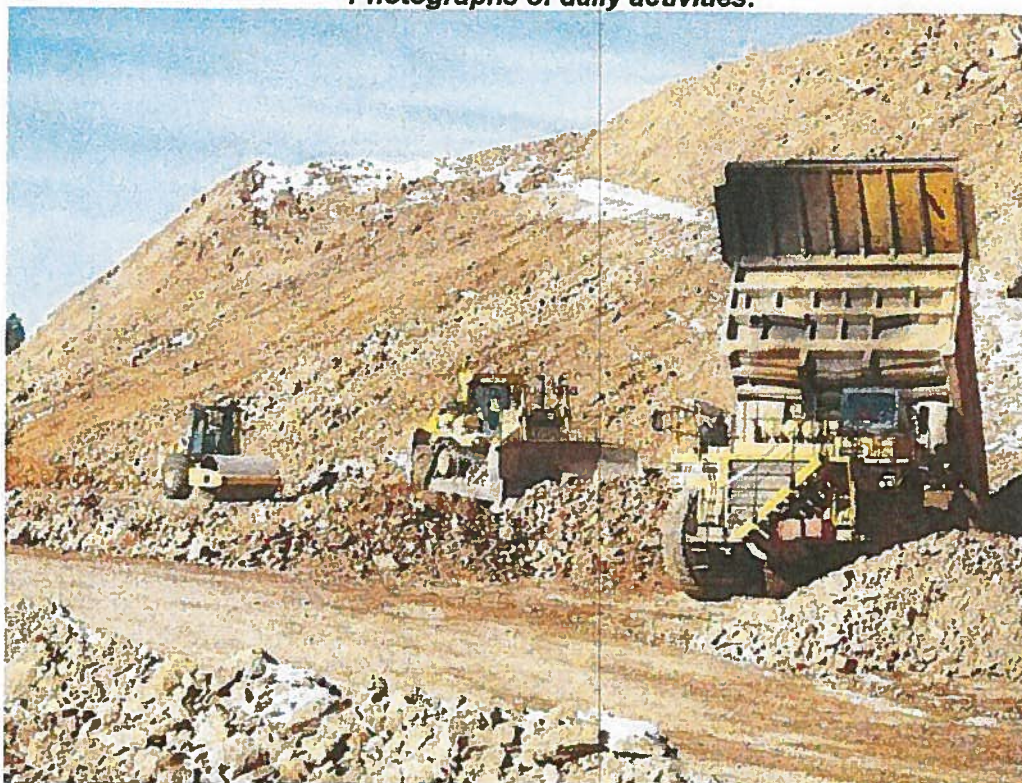


Photo 1: Fill placement at the ADR road.



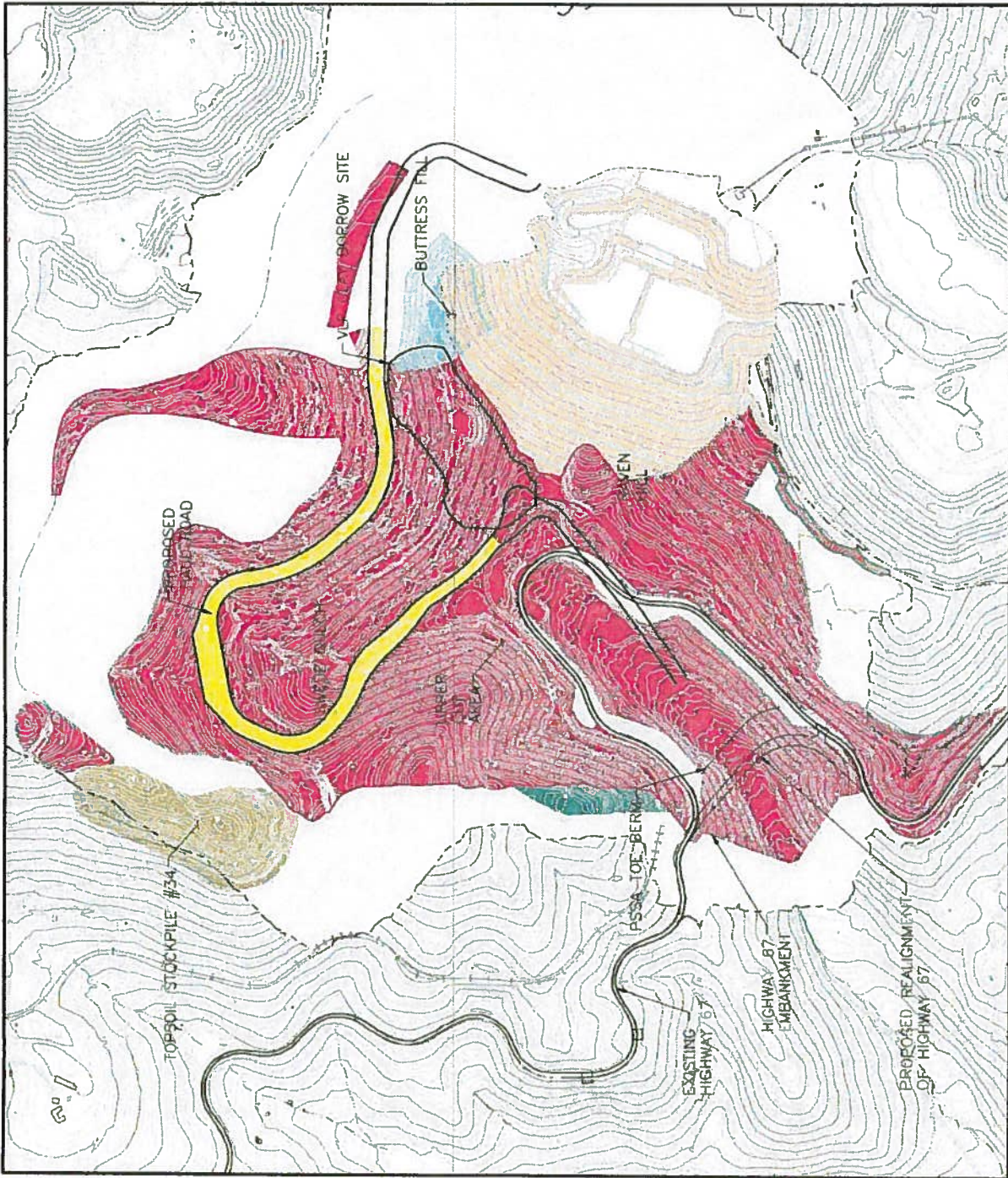
Photo 2: Cut operations between stations Q6+00 and A6+00.



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:

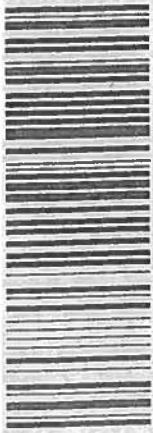
- AREA OF CUT AND FILL
- CLEARING AND GRUBBING
- TOPSOIL STOCKPILE
- HAUL ROAD CUT/FILL
- BUTTRESS FILL

NOTE:

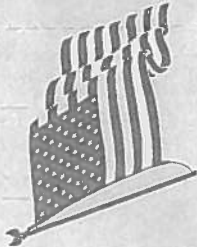
AREAS SHOWN ARE APPROXIMATE AND NOT TO BE USED FOR ACTUAL DESIGN PURPOSES.

CRIPPLE CREEK & VICTOR GOLD MINING COMPANY			
MILE 2 SQUAW GULCH			
CLEARING, GRUBBING AND FILL AREAS			
DESIGNED BY	THE	CHECKED BY	DATE
DRAWN BY	UP	APPROVED BY	DATE
1		A	

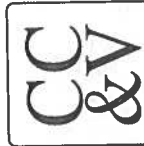




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Minerals