



## **APPENDIX E – WEEKLY REPORTS**



## FIELD WEEKLY PROGRESS REPORT

**PROJECT:** VALLEY LEACH FACILITY 2 PHASE 3 2023 QUALITY ASSURANCE OVERSIGHT  
**SITE:** CRIPPLE CREEK & VICTOR GOLD MINE (COLORADO)  
**CONTRACTOR:** NEWMONT CC&V MINING OPERATIONS  
JHL CONSTRUCTORS  
KELLEY TRUCKING INC.  
**WEEK ENDING:** FRIDAY, APRIL 21, 2023

**REPORTING PERIOD: 04.15.2022 THROUGH 04.21.2023**

Days	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Work Shifts – CC&V	D/N	D/N	D/N	D/N	D/N	D/N	D/N
Work Shifts – JHL/KTI	-	-	D	D	D	D	D
D – DAYSHIFT		N – NIGHTSHIFT			W – WEATHER		

### AMBIENT TEMPERATURE RANGES AND WEATHER CONDITIONS:

HIGHS: 44°F TO 63°F  
LOWS: 12°F TO 22°F  
CLOUD COVER: PARTLY CLOUDY  
PRECIPITATION: 0.13"  
WIND: WIND GUSTS UP TO 35 MPH

### NEWFIELDS PERSONNEL ONSITE:

Personnel	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Apr. 15	Apr. 16	Apr. 17	Apr. 18	Apr. 19	Apr. 20	Apr. 21
Jay Moore	-	-	-	-	-	-	-
Tyler Wendlandt	-	-	PR	PR	PR	PR	PR
Ryan Hunt	-	-	LS	LS	LS	LS	LS
Devan Keith	-	-	ST	ST	ST	ST	ST
PR – Project Resident; LS – Lead Soils Technician; LG – Lead Geosynthetics; ST – Soils Technician; GT - Geosynthetics Technician; LT – Laboratory Technician; PCE – Project Certifying Engineer							





## **1.0 CONTRACTOR OPERATIONS**

### **1.1 Earthworks**

#### **1.1.1 Subgrade**

Kelley Trucking (KTI) used one to two dozers to grade the Turkey Ridge slopes between elevations 10,020 and 10,150.

#### **1.1.2 Structural Fill**

The KTI 980 loader worked on cutting material from existing safety berms on the ramp leading to the PSSA. The material was loaded onto a John Deere 460 haul truck and dumped at the structural fill placement adjacent to the Phase 2 tie in. A D8 dozer placed the structural fill into two foot lifts. Each lift was compacted with at least three passes (one pass = forward and backward) of the smooth drum vibratory roller.

#### **1.1.3 Soil Liner Fill**

No soil liner fill was placed during this period.

#### **1.1.4 Leak Detection**

JHL began leak detection trench (LDT) construction during the week. An excavator excavated the trench to grade with assistance from ground personnel. Once the ground personnel verified rough grade and trench dimensions 40-mil HDPE geomembrane was placed lining the trench. After the 40-mil HDPE installation the 12oz non-woven geotextile was placed. A 4" diameter CPe pipe was ran along the trench, Leak Detection Fill was placed, and the geotextile closed around the Leak Detection Fill.

### **1.2 Geosynthetics**

No geosynthetics were installed during this period.

## **2.0 MEETINGS AND COMMUNICATIONS**

- NewFields personnel attended the daily safety meetings at 6:00am.
- NewFields personnel attending the weekly owners meeting with JHL, KTI and CC&V. Topics of discussion included lightning safety, UG working remediations, and the schedule for liner placement to begin.
- NewFields personnel attended the weekly CC&V meeting for work coordination on VLF2 Phase 3.



### 3.0 MISCELLANEOUS, ISSUES, AND CONCERNS

- Kelley Trucking prepped subgrade and previously placed structural fill surfaces before fill placement during ambient temperatures below 32 degrees. Frozen materials were removed and hauled to overburden stockpiles. Once surface material temperatures were achieved structural fill placement began.
- NewFields personnel monitored material temperatures before and during placement in freezing ambient temperatures. All measured material temperatures were above 32 degrees and were documented.
- NewFields personnel inspected the LDT construction in progress. NewFields personnel requested grade corrections. NewFields personnel also verified the trench geomembrane, geotextile, pipe, and fill met project specifications.

### 4.0 PHOTOGRAPHS



**April 18, 2023 – Lift placement of structural fill near the Phase 2 tie-in**





**April 18, 2023 – Construction of LDT1 above the 10,000' bench**



**April 19, 2023 – Lift placement and compaction near the Phase 2 tie-in**





**April 19, 2023 - Lift placement and compaction near the Phase 2 tie-in**



**April 21, 2023 – Monitoring structural fill temperatures**





**April 21, 2023 – Geomembrane exposure along Phase 2 tie-in**



***Report Review and Approval:***

Role	Name	Signature
<b>CQA Monitor/Report Prepared By</b>	<b>Tyler Wendlandt</b>	<i>Tyler Wendlandt</i>
<b><i>Or CQA Designee</i></b>		
<b>Project Engineer</b>	<b>Jeff Gaul</b>	
<b><i>Or Projects Designee</i></b>	John Sperry	<i>John R. Sperry</i>



## FIELD WEEKLY PROGRESS REPORT

**PROJECT:** VALLEY LEACH FACILITY 2 PHASE 3 2023 QUALITY ASSURANCE OVERSIGHT  
**SITE:** CRIPPLE CREEK & VICTOR GOLD MINE (COLORADO)  
**CONTRACTOR:** NEWMONT CC&V MINING OPERATIONS  
JHL CONSTRUCTORS  
KELLEY TRUCKING INC.  
**WEEK ENDING:** FRIDAY, APRIL 28, 2023

**REPORTING PERIOD: 04.22.2022 THROUGH 04.28.2023**

Days	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Work Shifts – CC&V	D/N	D/N	D/N	D/N	D/N	D/N	D/N
Work Shifts – JHL/KTI	-	-	D	D	D	D	D
D – DAYSHIFT		N – NIGHTSHIFT			W – WEATHER		

### AMBIENT TEMPERATURE RANGES AND WEATHER CONDITIONS:

HIGHS: 40°F TO 57°F  
LOWS: 11°F TO 28°F  
CLOUD COVER: PARTLY CLOUDY TO OVERCAST  
PRECIPITATION: 0.27"  
WIND: WIND GUSTS UP TO 30 MPH

### NEWFIELDS PERSONNEL ONSITE:

Personnel	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Apr. 22	Apr. 23	Apr. 24	Apr. 25	Apr. 26	Apr. 27	Apr. 28
Jay Moore	-	-	-	-	-	-	-
Tyler Wendlandt	-	-	PR	PR	PR	PR	PR
Ryan Hunt	-	-	LS	LS	LS	LS	LS
Devan Keith	-	-	LT	LT	ST	ST	ST
PR – Project Resident; LS – Lead Soils Technician; LG – Lead Geosynthetics; ST – Soils Technician; GT - Geosynthetics Technician; LT – Laboratory Technician; PCE – Project Certifying Engineer							



## **1.0 CONTRACTOR OPERATIONS**

### **1.1 Earthworks**

#### **1.1.1 Subgrade**

Kelley Trucking (KTI) used one to two dozers to finish grade and track walk the Turkey Ridge slopes between elevations 10,020 and 10,150.

#### **1.1.2 Structural Fill**

A KTI 980 loader worked on cutting material from existing safety berms on the ramp leading to the PSSA. The material was loaded onto a John Deere 460 haul truck and dumped at the structural fill placement adjacent to the Schist Haul Road. A John Deere 950k dozer placed the structural fill into two-foot lifts. Each lift was compacted with at least three passes (one pass = forward and backward) of the smooth drum vibratory roller.

#### **1.1.3 Soil Liner Fill**

No work was completed on soil liner fill.

#### **1.1.4 Leak Detection**

JHL continued leak detection trench (LDT 1) construction during the week. An excavator excavated the trench to grade with assistance from ground personnel. Once the ground personnel verified rough grade and trench dimensions 40-mil HDPE geomembrane was placed lining the trench. After the 40-mil HDPE installation the 12oz non-woven geotextile was placed. A 4" diameter CPe pipe was ran along the trench, Leak Detection Fill was placed, and the geotextile closed around the Leak Detection Fill.

#### **1.1.5 Drain Cover Fill**

No drain cover fill was placed during this period.

### **1.2 Geosynthetics**

Kelley Trucking continued exposing the LLDPE geomembrane anchor trench along the Phase 2 tie-in. Any damage was marked for easy identification during geomembrane installation on Phase 3.





## **2.0 MEETINGS AND COMMUNICATIONS**

- NewFields personnel attended the daily safety meetings at 7:00 a.m. on Monday, and 6:00 A.M. the rest of the week.
- NewFields personnel attended the weekly owners meeting with JHL, KTI and CC&V. Topics of discussion included lightning safety, the project schedule, and the leak detection trench.

## **3.0 MISCELLANEOUS, ISSUES, AND CONCERNS**

- Kelley Trucking prepped subgrade and previously placed structural fill surfaces before fill placement during ambient temperatures below 32 degrees. Frozen materials were removed and hauled to overburden stockpiles. Once surface material temperatures were achieved structural fill placement began.
- NewFields personnel monitored material temperatures before and during placement in freezing ambient temperatures. All measured material temperatures were above 32 degrees and were documented.
- NewFields personnel inspected the LDT construction in progress. NewFields personnel requested grade corrections. NewFields personnel also verified the trench geomembrane, geotextile, pipe, and fill met project specifications.
- Inclement weather slowed LDT and Structural Fill progress during the week. Snow was removed for Structural Fill placement and no backfilling took place on the LDT 1 construction.



## 4.0 PHOTOGRAPHS



**April 23, 2023 – Construction of LDT1**



**April 27, 2023 – Anchor trench exposure at the VLF2 tie-in**





**April 28, 2023 – Temperature monitoring of structural fill**



**April 28, 2023 – Structural fill placement below the Schist Haul Road**



**Report Review and Approval:**

Role	Name	Signature
<b>CQA Monitor/Report Prepared By</b>	<b>Tyler Wendlandt</b>	<i>Tyler Wendlandt</i>
<b>Or CQA Designee</b>		
<b>Project Engineer</b>	<b>Jeff Gaul</b>	
<b>Or Projects Designee</b>	John Sperry	<i>John R. Sperry</i>



## FIELD WEEKLY PROGRESS REPORT

**PROJECT:** VALLEY LEACH FACILITY 2 PHASE 3 2023 QUALITY ASSURANCE OVERSIGHT  
**SITE:** CRIPPLE CREEK & VICTOR GOLD MINE (COLORADO)  
**CONTRACTOR:** NEWMONT CC&V MINING OPERATIONS  
JHL CONSTRUCTORS  
KELLEY TRUCKING INC.  
**WEEK ENDING:** FRIDAY, MAY 05, 2023

**REPORTING PERIOD: 04.29.2022 THROUGH 05.05.2023**

Days	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Work Shifts – CC&V	D/N	D/N	D/N	D/N	D/N	D/N	D/N
Work Shifts – JHL/KTI	-	-	D	D	D	D	D
D – DAYSHIFT		N – NIGHTSHIFT			W – WEATHER		

### AMBIENT TEMPERATURE RANGES AND WEATHER CONDITIONS:

HIGHS: 59°F TO 69°F  
LOWS: 20°F TO 33°F  
CLOUD COVER: PARTLY CLOUDY  
PRECIPITATION: 0.05"  
WIND: WIND GUSTS UP TO 23 MPH

### NEWFIELDS PERSONNEL ONSITE:

Personnel	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Apr. 29	Apr. 30	May 1	May 2	May 3	May 4	May 5
Jay Moore	-	-	-	-	-	-	-
Tyler Wendlandt	-	-	PR	PR	PR	PR	PR
Ryan Hunt	-	-	LS	LS	LS	LS	-
Devan Keith	-	-	LT	LT	ST	ST	ST
PR – Project Resident; LS – Lead Soils Technician; LG – Lead Geosynthetics; ST – Soils Technician; GT - Geosynthetics Technician; LT – Laboratory Technician; PCE – Project Certifying Engineer							



## **1.0 NEWMONT MINING OPERATIONS**

### **1.1 Earthworks**

#### **1.1.1 Topsoil Triangle**

Mining operations removed topsoil from the topsoil triangle. D10 dozers pushed material to excavators loading 793 haul trucks. The material was then hauled off to a topsoil stockpile.

## **2.0 CONTRACTOR OPERATIONS**

### **2.1 Earthworks**

#### **2.1.1 Subgrade**

Kelley Trucking (KTI) used one to two dozers to finish grade and track walk the slopes in the channel along the Phase 2 tie-in.

KTI continued to remove rip-rap from the abandoned VLF2 stormwater channel. A 349 excavator loaded a John Deere 460 haul truck with the rip rap. The rip rap was placed in a stockpile for later removal by operations.

#### **2.1.2 Structural Fill**

A KTI 980 loader worked on cutting material from existing safety berms on the ramp leading to the PSSA. The material was loaded onto a John Deere 460 haul truck and dumped at the structural fill placement adjacent to the Schist Haul Road. A John Deere 950k dozer placed the structural fill into two-foot lifts. Each lift was compacted with at least three passes (one pass = forward and backward) of the smooth drum vibratory roller.

#### **2.1.3 Soil Liner Fill**

No work was completed on structural fill..

#### **2.1.4 Leak Detection Fill**

JHL completed leak detection trench (LDT 1) construction during the week. An excavator excavated the trench to grade with assistance from ground personnel. Once the ground personnel verified rough grade and trench dimensions 40-mil HDPE geomembrane was placed lining the trench. After the 40-mil HDPE installation the 12oz non-woven geotextile was placed. A 4" diameter CPe pipe was ran along the trench, Leak Detection Fill was placed, and the geotextile closed around the Leak Detection Fill.



JHL installed the LDT 1 manhole and SLF plug during the week. The geotextile wrap was closed up around the 4" CPe pipe under the proposed Phase A anchor trench location. The CPe pipe was coupled to a solid HDPE pipe, which was then inserted into the manhole and sealed. SLF material was placed below and over the top of the length of the construction from the wrap closure to the manhole, a length of approximately 20'. The SLF material was compacted utilizing an excavator vibratory plate compactor.

#### **2.1.5 Drain Cover Fill**

No drain cover fill was placed during this period.

### **2.2 Geosynthetics**

Kelley Trucking continued exposing the LLDPE geomembrane anchor trench along the Phase 2 tie-in. Any damage was marked for easy identification during geomembrane installation on Phase 3.

### **3.0 MEETINGS AND COMMUNICATIONS**

- NewFields personnel attended the daily safety meetings at 7:00 a.m. on Monday, and 6:00 A.M. the rest of the week.
- NewFields personnel attended the weekly owners meeting with JHL, KTI and CC&V. Topics of discussion included lightning safety, the project schedule, and the leak detection trench.

### **4.0 MISCELLANEOUS, ISSUES, AND CONCERNS**

- NewFields personnel inspected the LDT construction in progress. NewFields personnel requested grade corrections. NewFields personnel also verified the trench geomembrane, geotextile, pipe, and fill met project specifications.





## 5.0 PHOTOGRAPHS



**May 2, 2023 – Exposure of Phase 2 tie in**



**May 3, 2023 – Topsoil removal from topsoil triangle**





**May 3, 2023 – Survey of the leak detection trench**



**May 4, 2023 – Removal of rip-rap from abandoned VLF2 stormwater channel**





**May 5, 2023 – Construction of the LDT 1 manhole and SLF plug**



**Report Review and Approval:**

Role	Name	Signature
<b>CQA Monitor/Report Prepared By</b>	<b>Tyler Wendlandt</b>	<i>Tyler Wendlandt</i>
<b>Or CQA Designee</b>		
<b>Project Engineer</b>	<b>Jeff Gaul</b>	
<b>Or Projects Designee</b>	John Sperry	<i>John R. Sperry</i>



## FIELD WEEKLY PROGRESS REPORT

**PROJECT:** VALLEY LEACH FACILITY 2 PHASE 3 2023 QUALITY ASSURANCE OVERSIGHT  
**SITE:** CRIPPLE CREEK & VICTOR GOLD MINE (COLORADO)  
**CONTRACTOR:** NEWMONT CC&V MINING OPERATIONS  
JHL CONSTRUCTORS  
KELLEY TRUCKING INC.  
**WEEK ENDING:** FRIDAY, MAY 12, 2023

REPORTING PERIOD: 05.06.2022 THROUGH 05.12.2023

Days	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Work Shifts – CC&V	D/N	D/N	D/N	D/N	D/N	D/N	D/N
Work Shifts – JHL/KTI	-	-	D	D	D	D	D
D – DAYSHIFT		N – NIGHTSHIFT			W – WEATHER		

### AMBIENT TEMPERATURE RANGES AND WEATHER CONDITIONS:

HIGHS: 38°F TO 61°F  
LOWS: 21°F TO 32°F  
CLOUD COVER: PARTLY CLOUDY  
PRECIPITATION: 2.12" (10" SNOW 05/10 PM; 5/11 AM)  
WIND: WIND GUSTS UP TO 25 MPH

### NEWFIELDS PERSONNEL ONSITE:

Personnel	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	May. 6	May. 7	May 8	May 9	May 10	May 11	May 12
Jay Moore	-	-	-	-	-	-	-
Tyler Wendlandt	-	-	PR	PR	PR	-	-
Ryan Hunt	-	-	LS	LS	LS	-	-
Devan Keith	-	-	LT	LT	ST	-	-
PR – Project Resident; LS – Lead Soils Technician; LG – Lead Geosynthetics; ST – Soils Technician; GT - Geosynthetics Technician; LT – Laboratory Technician; PCE – Project Certifying Engineer							



## **1.0 NEWMONT MINING OPERATIONS**

### **1.1 Earthworks**

#### **1.1.1 Topsoil Triangle**

Mining operations completed the removal of the topsoil from the topsoil triangle. D10 dozers pushed material to excavators loading 793 haul trucks. The material was then hauled off to a topsoil stockpile.

## **2.0 CONTRACTOR OPERATIONS**

### **2.1 Earthworks**

#### **2.1.1 Subgrade**

Kelley Trucking (KTI) used one to two dozers to finish grade and track walk the slopes in the channel along the Phase 2 tie-in.

KTI continued to remove rip-rap from the abandoned VLF2 stormwater channel. A 349 excavator loaded two John Deere 460 haul trucks with the rip rap. The rip rap was placed in a stockpile for later removal by operations.

#### **2.1.2 Structural Fill**

No Structural Fill was placed during the week.

#### **2.1.3 Soil Liner Fill**

KTI began preparing the area to the east of the Phase 3 A.1 limits for geomembrane placement. The Soil Liner Fill (SLF) material had been placed and compacted during 2022 construction activities capping the Honda Underground remediation. SLF contaminated with DCF material was considered out of specification and hauled off of the VLF2 Phase 3 footprint.

#### **2.1.4 Leak Detection Fill**

JHL began leak detection trench (LDT 2) construction during the week. An excavator excavated the trench to grade with assistance from ground personnel. Once the ground personnel verified rough grade and trench dimensions 40-mil HDPE geomembrane was placed lining the trench. After the 40-mil HDPE installation the 12oz non-woven geotextile was placed. A 4" diameter CPe pipe was ran along the trench, Leak Detection Fill was placed, and the geotextile closed around the Leak Detection Fill.



JHL installed the LDT 2 manhole and SLF plug during the week. The geotextile wrap was closed up around the 4" CPe pipe under the proposed Phase A anchor trench location. The CPe pipe was coupled to a solid HDPE pipe, which was then inserted into the manhole and sealed. SLF material was placed below and over the top of the length of the construction from the wrap closure to the manhole, a length of approximately 15'. The SLF material was compacted utilizing an excavator vibratory plate compactor.

#### **2.1.5 Drain Cover Fill**

No drain cover fill was placed during this period.

### **2.2 Geosynthetics**

Kelley Trucking began exposing the LLDPE geomembrane temporary anchor trench along the Phase 3 A.1 tie-in. Any damage was marked for easy identification during geomembrane installation on Phase 3.

### **3.0 MEETINGS AND COMMUNICATIONS**

- NewFields personnel attended the daily safety meetings at 7:00 a.m. on Monday, and 6:00 A.M. the rest of the week.
- NewFields personnel attended the weekly owners meeting with JHL, KTI and CC&V. Topics of discussion included lightning safety, the project schedule, and the leak detection trench.

### **4.0 MISCELLANEOUS, ISSUES, AND CONCERNS**

- NewFields personnel inspected the LDT construction in progress. NewFields personnel requested grade corrections. NewFields personnel also verified the trench geomembrane, geotextile, pipe, and fill met project specifications.
- NewFields personnel directed a 6015B excavator in the topsoil triangle excavation to verify that all the unsuitable materials had been completely removed. The excavator scraped multiple areas at NewFields request. Competent bedrock was noted on all the inspected areas and the area was released by NewFields for fill to grade.
- NewFields personnel approved a Subgrade section during the week.
- Heavy snow halted construction activities for 5/11. Construction activities were also cancelled 5/12 due to the inclement weather.





## 5.0 PHOTOGRAPHS



**May 8, 2023 – Exposure of Phase 3 A.1 tie in**



**May 8, 2023 – Exposure of Phase 3 A.1 tie in**





**May 9, 2023 – Construction of the LDT 2 manhole and SLF plug**



**May 10, 2023 – Topsoil removal verification**





**May 10, 2023 – Topsoil removal verification**

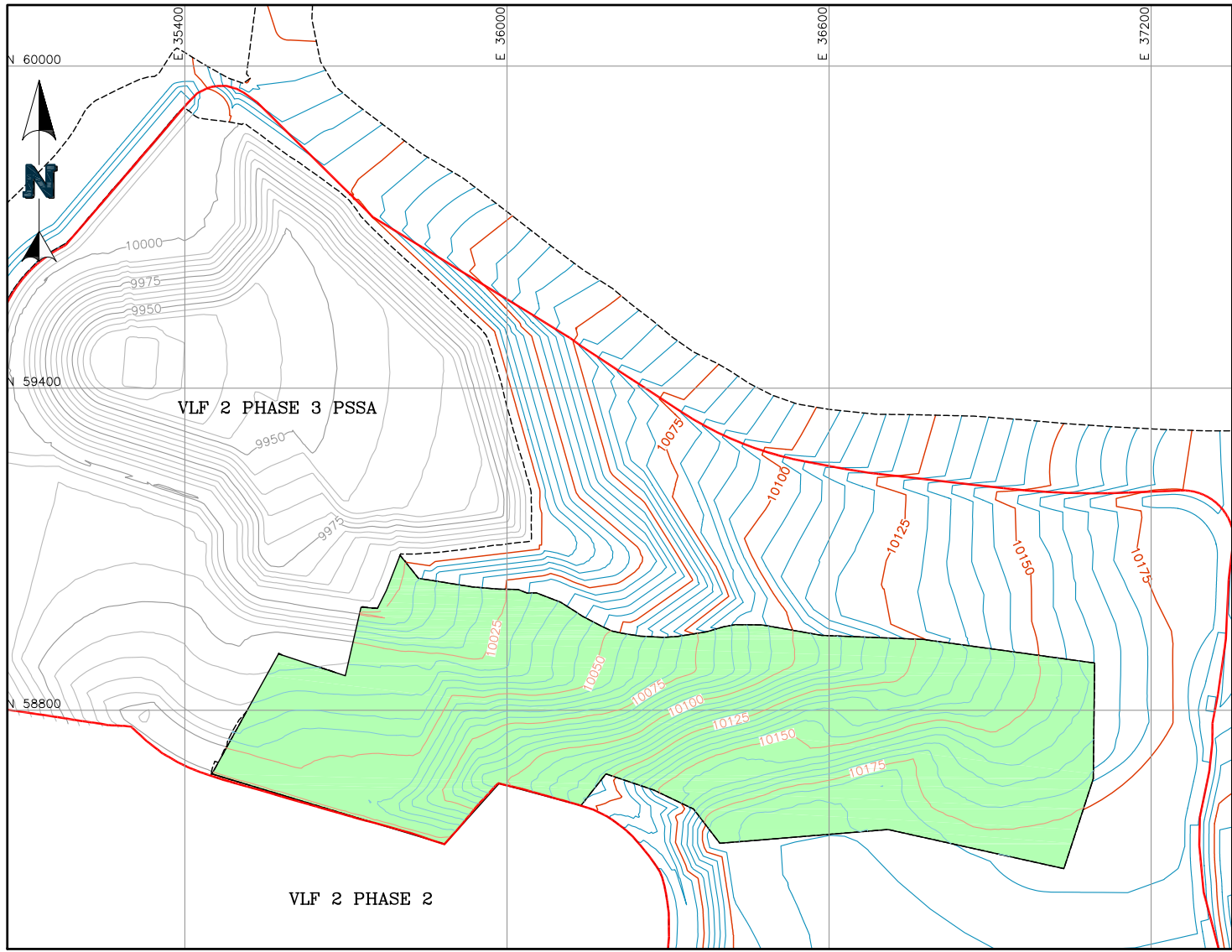


**Report Review and Approval:**

Role	Name	Signature
<b>CQA Monitor/Report Prepared By</b>	<b>Tyler Wendlandt</b>	<i>Tyler Wendlandt</i>
<b>Or CQA Designee</b>		
<b>Project Engineer</b>	<b>Jeff Gaul</b>	
<b>Or Projects Designee</b>	John Sperry	<i>John R. Sperry</i>

Figure 1 – Stage A Subgrade Acceptance Form – 5.09.2023

P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.030F.dwg-8/29/2023 4:38 PM



- LEGEND:**
- 2022 PSSA SUBGRADE CONTOURS
  - PROPOSED SUBGRADE CONTOURS
  - 5.09.23 SUBGRADE CONTOURS
  - CURRENT SUBGRADE APPROVAL
  - VLF 2 PHASE 3 STAGE A LIMITS

		CLIENT Cripple Creek & Victor Gold Mining Company	
PROJECT		VLF 2 PHASE 3	
TITLE	SUBGRADE ACCEPTANCE FORM – 05.09.2023	FILENAME 0106.060.030F	
		FIGURE NO. 1	REVISION



## FIELD WEEKLY PROGRESS REPORT

**PROJECT:** VALLEY LEACH FACILITY 2 PHASE 3 2023 QUALITY ASSURANCE OVERSIGHT  
**SITE:** CRIPPLE CREEK & VICTOR GOLD MINE (COLORADO)  
**CONTRACTOR:** NEWMONT CC&V MINING OPERATIONS  
JHL CONSTRUCTORS  
KELLEY TRUCKING INC.  
**WEEK ENDING:** FRIDAY, MAY 19, 2023

**REPORTING PERIOD: 05.20.2022 THROUGH 05.26.2023**

Days	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Work Shifts – CC&V	D/N	D/N	D/N	D/N	D/N	D/N	D/N
Work Shifts – JHL/KTI	-	-	D	D	D	D	D
D – DAYSHIFT		N – NIGHTSHIFT			W – WEATHER		

### AMBIENT TEMPERATURE RANGES AND WEATHER CONDITIONS:

HIGHS: 54°F TO 66°F  
LOWS: 31°F TO 39°F  
CLOUD COVER: PARTLY CLOUDY  
PRECIPITATION: 1.96"  
WIND: WIND GUSTS UP TO 37 MPH

### NEWFIELDS PERSONNEL ONSITE:

Personnel	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	May 13	May 14	May 15	May 16	May 17	May 18	May 19
Jay Moore	-	-	-	-	-	PCE	-
Tyler Wendlandt	-	-	PR	PR	PR	PR	PR
Ben Melly	-	-	LG	LG	LG	LG	LG
Ryan Hunt	-	-	LS	LS	LS	LS	LS
Henry Walsh	-	-	ST	ST	ST	ST	-
Devan Keith	-	-	LT	LT	ST	-	LT
PR – Project Resident; LS – Lead Soils Technician; LG – Lead Geosynthetics; ST – Soils Technician; GT - Geosynthetics Technician; LT – Laboratory Technician; PCE – Project Certifying Engineer							



## **1.0 MINING OPERATIONS**

### **1.1 Topsoil Triangle Structural Fill**

CC&V began placement of High Compaction Backfill (HCBF) lifts in the topsoil triangle area. Loaded 793 haul trucks delivered material and dumped at the leading edge of the lift. The D10 placed the material in a loose lift thickness of a maximum of 5 feet. A loaded haul truck wheel rolled the finished lift, making a minimum of two passes (one pass = forward and backward) over the entire lift surface.

## **2.0 CONTRACTOR OPERATIONS**

### **2.1 Earthworks**

#### **2.1.1 Subgrade**

No work was completed on Subgrade.

#### **2.1.2 Structural Fill**

No work was completed on structural fill.

#### **2.1.3 Soil Liner Fill**

A KTI D8 dozer and John Deere 950K LGP dozer placed Soil Liner Fill (SLF) on approved subgrade. Three CAT 740 haul trucks were loaded at the Upper Stockpile by a 349 excavator. The SLF material was then hauled to and dumped on the slopes to the south and east of the PSSA. The dozers carried a loose lift thickness of approximately 18"-20" down the slope. A skid steer with roller attachment and a smooth drum vibratory roller compacted the in-place clay. See Figure 1 for the extents of SLF placement.

#### **2.1.4 Leak Detection**

JHL continued leak detection trench (LDT 2) construction during the week. An excavator excavated the trench to grade with assistance from ground personnel. Once the ground personnel verified rough grade and trench dimensions 40-mil HDPE geomembrane was placed lining the trench. After the 40-mil HDPE installation the 12oz non-woven geotextile was placed. A 4" diameter CPe pipe was ran along the trench, Leak Detection Fill was placed, and the geotextile closed around the Leak Detection Fill.

#### **2.1.5 Drain Cover Fill**

No drain cover fill was placed during this period.





## 2.2 Geosynthetics

No geosynthetics were installed during this period.

## 3.0 MEETINGS AND COMMUNICATIONS

- NewFields personnel attended the daily safety meetings at 7:00 a.m. on Monday, and 6:00 A.M. the rest of the week.
- NewFields personnel approved the 10,140' and 10,145' high compaction lifts in the topsoil stockpile area.
- NewFields personnel attended the weekly owners meeting with JHL, KTI and CC&V. Topics of discussion included lightning safety, the project schedule, and the leak detection trench.

## 4.0 MISCELLANEOUS, ISSUES, AND CONCERNS

- None.

## 5.0 PHOTOGRAPHS



May 16, 2023 – Anchor trench exposure at the VLF2 tie-in





**May 17, 2023 – SLF placement progress**



**May 17, 2023 – Wheel rolling of High Compaction Backfill in topsoil triangle**



**May 17, 2023 – Wheel rolling of High Compaction Backfill in topsoil triangle**





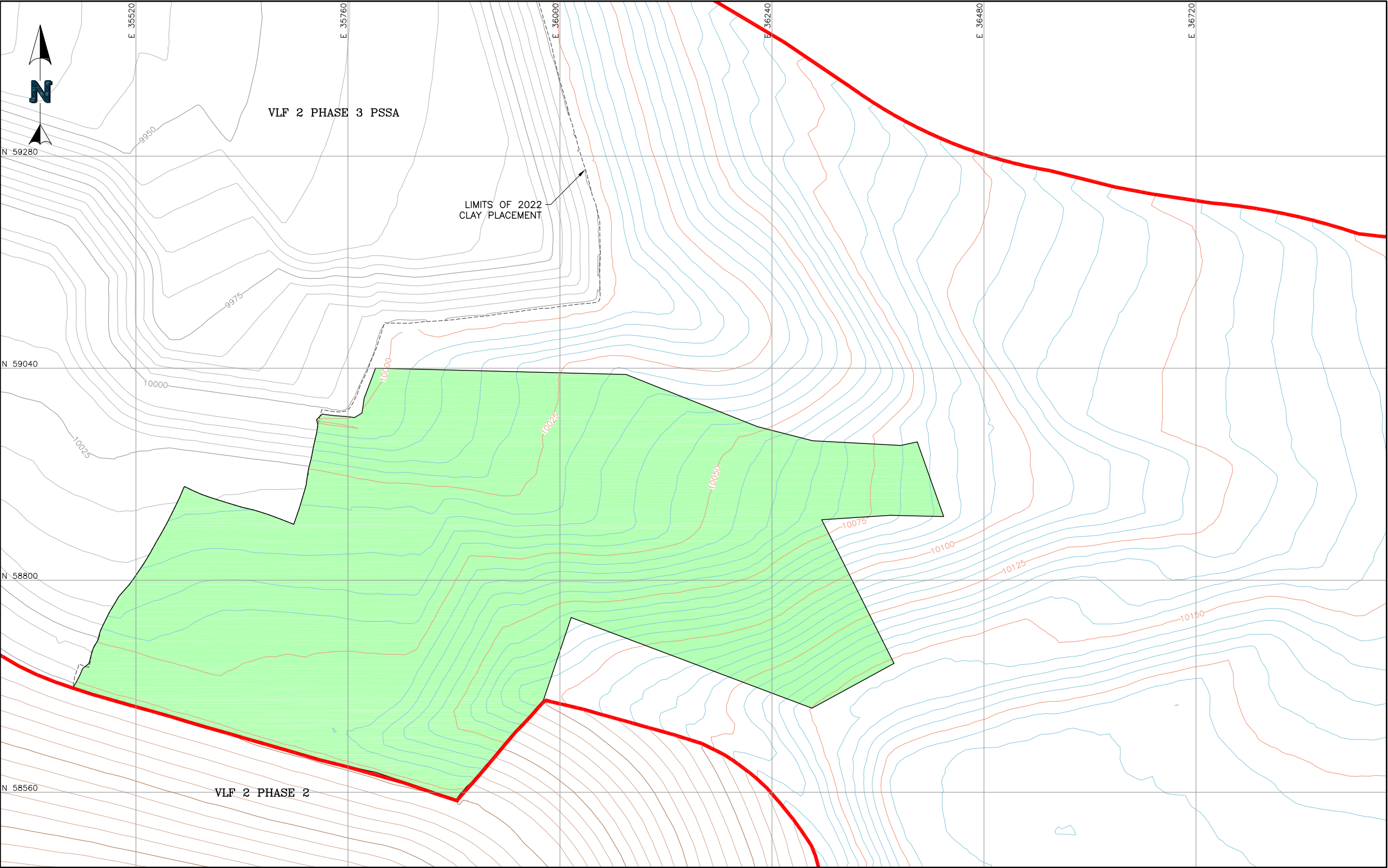
**Report Review and Approval:**

Role	Name	Signature
<b>CQA Monitor/Report Prepared By</b>	<b>Tyler Wendlandt</b>	<i>Tyler Wendlandt</i>
<b>Or CQA Designee</b>		
<b>Project Engineer</b>	<b>Jeff Gaul</b>	
<b>Or Projects Designee</b>	John Sperry	<i>John R. Sperry</i>

**Attachments:**


Figure 1 – SLF Placement Week Ending 05.19.2023

P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.002F.dwg--8/29/2023 10:03 AM



- LEGEND:**
- 2022 PSSA SLF CONTOURS
  - 2023 SUBGRADE CONTOURS
  - VLF2 PHASE 2 SLF CONTOURS
  - SLF PLACEMENT WEEK ENDING 05.19.2023
  - PREVIOUS SLF PLACEMENT
  - VLF 2 PHASE 3 STAGE A LIMITS



		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		VLF 2 PHASE 3	
TITLE	SLF PLACEMENT WEEK ENDING 05.19.2023	FILENAME 0106.060.002F	
		FIGURE NO.	REVISION
		1	A



## FIELD WEEKLY PROGRESS REPORT

**PROJECT:** VALLEY LEACH FACILITY 2 PHASE 3 2023 QUALITY ASSURANCE OVERSIGHT  
**SITE:** CRIPPLE CREEK & VICTOR GOLD MINE (COLORADO)  
**CONTRACTOR:** NEWMONT CC&V MINING OPERATIONS  
JHL CONSTRUCTORS  
KELLEY TRUCKING INC.  
**WEEK ENDING:** FRIDAY, MAY 26, 2023

REPORTING PERIOD: 05.20.2022 THROUGH 05.26.2023

Days	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Work Shifts – CC&V	D/N	D/N	D/N	D/N	D/N	D/N	D/N
Work Shifts – JHL/KTI	-	-	D	D	D	D	D
D – DAYSHIFT		N – NIGHTSHIFT			W – WEATHER		

### AMBIENT TEMPERATURE RANGES AND WEATHER CONDITIONS:

HIGHS: 66°F TO 69°F  
LOWS: 30°F TO 37°F  
CLOUD COVER: PARTLY CLOUDY  
PRECIPITATION: 0.21"  
WIND: WIND GUSTS UP TO 55 MPH

### NEWFIELDS PERSONNEL ONSITE:

Personnel	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	May 20	May 21	May 22	May 23	May 24	May 25	May 26
Jay Moore	-	-	-	-	-	-	-
Roxanne Li	-	-	PR	PR	PR	PR	PR
Ben Melly	-	-	LG	LG	LG	LG	LG
Ryan Hunt	-	-	LS	LS	LS	LS	-
Henry Walsh	-	-	ST	ST	ST	ST	-
Devan Keith	-	-	-	-	ST	ST	-
PR – Project Resident; LS – Lead Soils Technician; LG – Lead Geosynthetics; ST – Soils Technician; GT - Geosynthetics Technician; LT – Laboratory Technician; PCE – Project Certifying Engineer							





## **1.0 MINING OPERATIONS**

### **1.1 Topsoil Triangle Structural Fill**

CC&V completed placement of the final High Compaction Backfill (HCBF) lift TS10,155 in the topsoil triangle area. Loaded 793 haul trucks delivered material and dumped at the leading edge of the lift. The D10 placed the material in a loose lift thickness of a maximum of 5 feet. A loaded haul truck wheel rolled the finished lift, making a minimum of two passes (one pass = forward and backward) over the entire lift surface.

### **1.2 Underground Working Remediations**

No activity during the reporting period.

## **2.0 CONTRACTOR OPERATIONS**

### **2.1 Earthworks**

#### **2.1.1 Subgrade**

NewFields personnel approved subgrade for SLF placement. See Figures 1 and 2.

#### **2.1.2 Structural Fill**

No work was completed on structural fill.

#### **2.1.3 Soil Liner Fill**

A KTI D8 dozer and John Deere 950K LGP dozer placed Soil Liner Fill (SLF) on approved subgrade. Three CAT 740 haul trucks were loaded at the Upper Stockpile by a 349 excavator. The SLF material was then hauled to and dumped on the slopes to the south and east of the PSSA. The dozers carried a loose lift thickness of approximately 18"-20" down the slope. A skid steer with roller attachment and a smooth drum vibratory roller compacted the in-place clay. See Figure 3 for the extents of SLF placement.

#### **2.1.4 Leak Detection**

JHL continued leak detection trench (LDT 2) construction during the week. An excavator excavated the trench to grade with assistance from ground personnel. Once the ground personnel verified rough grade and trench dimensions 40-mil HDPE geomembrane was placed lining the trench. After the 40-mil HDPE installation the 12oz non-woven geotextile was placed. A 4" diameter CPe pipe was ran along the trench, Leak Detection Fill was placed, and the geotextile closed around the Leak Detection Fill.



### **2.1.5 Drain Cover Fill**

No drain cover fill was placed during this period.

## **2.2 Geosynthetics**

No geosynthetics were installed during this period.

## **3.0 MEETINGS AND COMMUNICATIONS**

- NewFields personnel attended the daily safety meetings at 7:00 a.m. on Monday, and 6:00 A.M. the rest of the week.
- NewFields personnel approved the 10,150' and 10,155' lifts in the topsoil stockpile area.
- NewFields personnel attended the weekly owners meeting with JHL, KTI and CC&V. Topics of discussion included lightning safety, the project schedule, and the leak detection trench.

## **4.0 MISCELLANEOUS, ISSUES, AND CONCERNS**

- None.

## **5.0 PHOTOGRAPHS**



**May 22, 2023 – Wheel rolling of HCBF lift TS10,155**



**May 22, 2023 – Anchor trench exposure at the VLF2 tie-in**





**May 24, 2023 – Excavation of the leak detection trench**



**May 24, 2023 – SLF placement on the slopes south of the PSSA**






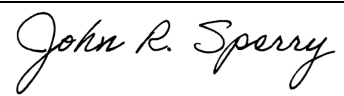
**May 25, 2023 - Leak detection trench construction**



**May 26, 2023 – SLF placement east of the PSSA**



**Report Review and Approval:**

Role	Name	Signature
<b>CQA Monitor/Report Prepared By</b>	<b>Roxanne Li</b>	
<b>Or CQA Designee</b>		
<b>Project Engineer</b>	<b>Jeff Gaul</b>	
<b>Or Projects Designee</b>	John Sperry	

**Attachments:**

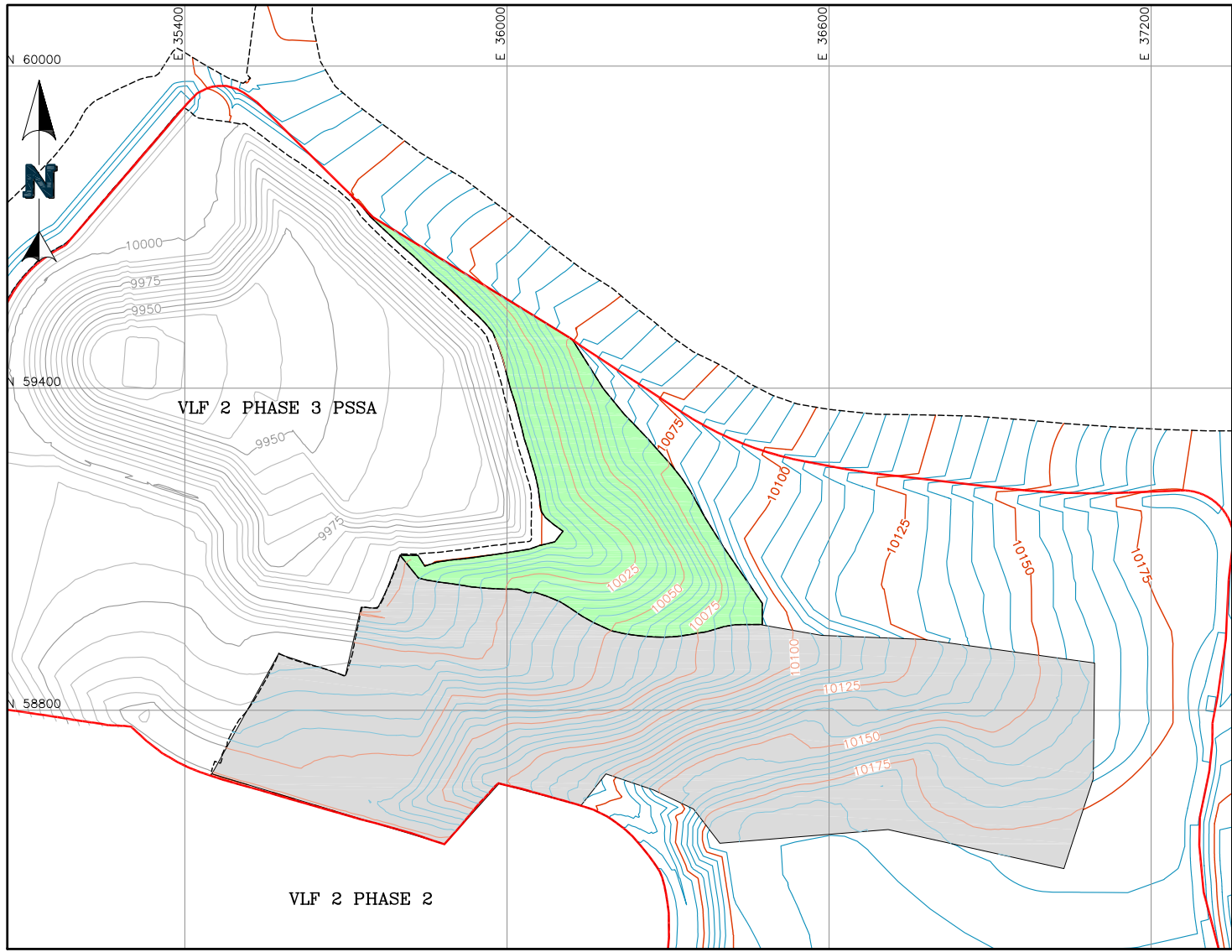
Figure 1 – Stage A Subgrade Acceptance Form – 5.23.2023

Figure 2 – Stage A Subgrade Acceptance Form – 5.24.2023


Figure 3 – SLF Placement Week Ending 05.26.2023



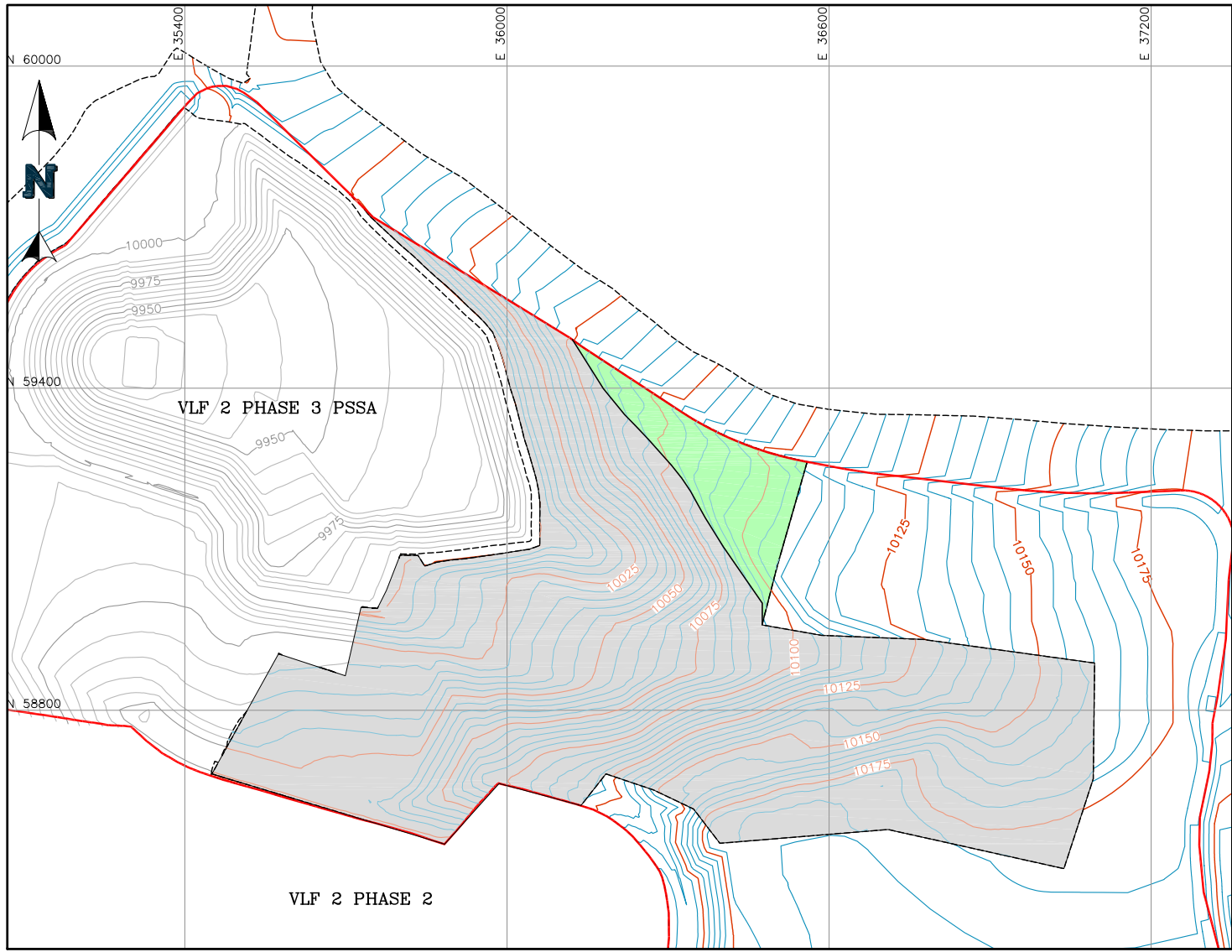
P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.003F.dwg-8/29/2023 3:16 PM




- LEGEND:**
- 2022 PSSA SUBGRADE CONTOURS
  - PROPOSED SUBGRADE CONTOURS
  - 5.23.23 SUBGRADE CONTOURS
  - CURRENT SUBGRADE APPROVAL
  - PREVIOUS SUBGRADE APPROVAL
  - VLF 2 PHASE 3 STAGE A LIMITS

		CLIENT Cripple Creek & Victor Gold Mining Company	
PROJECT VLF 2 PHASE 3			
TITLE SUBGRADE ACCEPTANCE FORM – 05.23.2023		FILENAME 0106.060.003F	
		FIGURE NO. 1	REVISION A

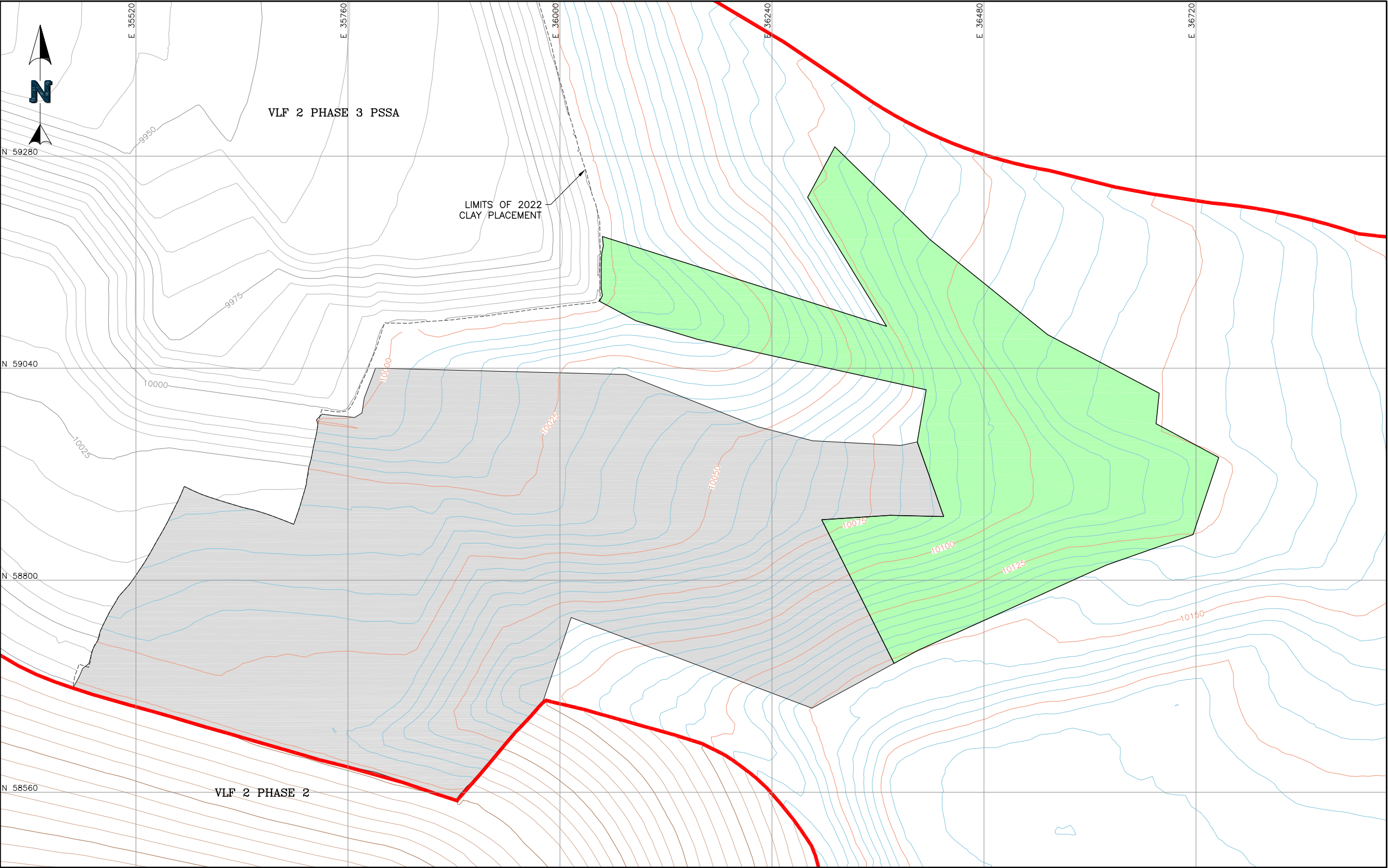
P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.005F.dwg-8/29/2023 3:42 PM



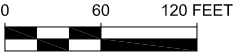
- LEGEND:**
- 2022 PSSA SUBGRADE CONTOURS
  - PROPOSED SUBGRADE CONTOURS
  - 5.24.23 SUBGRADE CONTOURS
  - CURRENT SUBGRADE APPROVAL
  - PREVIOUS SUBGRADE APPROVAL
  - VLF 2 PHASE 3 STAGE A LIMITS

		CLIENT Cripple Creek & Victor Gold Mining Company	
PROJECT VLF 2 PHASE 3			
TITLE SUBGRADE ACCEPTANCE FORM - 05.24.2023		FILENAME 0106.060.005F	
		FIGURE NO. 2	REVISION A

P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.007F.dwg-8/29/2023 1:36 PM



- LEGEND:**
- 2022 PSSA SLF CONTOURS
  - 2023 SUBGRADE CONTOURS
  - VLF2 PHASE 2 SLF CONTOURS
  - SLF PLACEMENT WEEK ENDING 05.26.2023
  - PREVIOUS SLF PLACEMENT
  - VLF 2 PHASE 3 STAGE A LIMITS



		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		VLF 2 PHASE 3	
TITLE	SLF PLACEMENT WEEK ENDING 05.26.2023	FILENAME 0106.060.007F	
		FIGURE NO. 1	REVISION A





## FIELD WEEKLY PROGRESS REPORT

**PROJECT:** VALLEY LEACH FACILITY 2 PHASE 3 2023 QUALITY ASSURANCE OVERSIGHT  
**SITE:** CRIPPLE CREEK & VICTOR GOLD MINE (COLORADO)  
**CONTRACTOR:** NEWMONT CC&V MINING OPERATIONS  
JHL CONSTRUCTORS  
KELLEY TRUCKING INC.  
**WEEK ENDING:** FRIDAY, JUNE 02, 2023

**REPORTING PERIOD: 05.27.2023 THROUGH 06.02.2023**

Days	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Work Shifts – JHL/KTI	-	-	-	D	D	D	D
D – DAYSHIFT		N – NIGHTSHIFT			W – WEATHER		

### AMBIENT TEMPERATURE RANGES AND WEATHER CONDITIONS:

HIGHS: 65°F TO 72°F  
LOWS: 29°F TO 35°F  
CLOUD COVER: PARTLY CLOUDY  
PRECIPITATION: 0.08"  
WIND: WIND GUSTS UP TO 32 MPH

### NEWFIELDS PERSONNEL ONSITE:

Personnel	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	May. 27	May. 28	May. 29	May. 30	May. 31	Jun. 01	Jun. 02
Jay Moore	-	-	-	-	-	-	-
Tyler Wendlandt	-	-	-	PR	PR	PR	PR
Ryan Hunt	-	-	-	LS	LS	LS	LS
Ben Melly	-	-	-	LG	LG	LG	LG
Henry Walsh	-	-	-	GT	GT	GT	GT
Devan Keith	-	-	-	LT	LT	LT	LT
PR – Project Resident; LS – Lead Soils Technician; LG – Lead Geosynthetics; ST – Soils Technician; GT – Geosynthetics Technician; LT – Laboratory Technician; PCE – Project Certifying Engineer							



## **1.0 CONTRACTOR OPERATIONS**

### **1.1 Earthworks**

#### **1.1.1 Subgrade**

A smooth drum roller continued to roll multiple areas of subgrade within the VLF2 P3 stage A footprint.

#### **1.1.2 Structural Fill**

A KTI dozer spread structural fill in two foot thick lifts at the fill area in the channel along the eastern section of the Phase 2 tie in. Each lift was compacted by three passes (one pass = forward and backward) of a smooth drum vibratory roller.

#### **1.1.3 Soil Liner Fill**

KTI and JHL continued placing SLF on the flat areas and channel between the VLF2 Phase 2 tie in and the Schist Island Haul Road. Loaders loaded SLF material into haul trucks at the Lower Dump 1 stockpile, which was then delivered to dozers. The SLF was placed in a minimum 12" thick layer and compacted with the smooth drum vibratory roller. In most areas, the SLF layer was placed greater than 12" and trimmed down to design thickness prior to compaction. The SLF placement areas are shown in [Figure 1](#).

#### **1.1.4 Leak Detection**

JHL continued leak detection trench (LDT 2) construction during the week. An excavator excavated the trench to grade with assistance from ground personnel. Once the ground personnel verified rough grade and trench dimensions 40-mil HDPE geomembrane was placed lining the trench. After the 40-mil HDPE installation the 12oz non-woven geotextile was placed. A 4" diameter CPe pipe was ran along the trench, Leak Detection Fill was placed, and the geotextile closed around the Leak Detection Fill. Leftover LVSCF from Stage A.1 was placed as backfill in a 1' loose lift over the top of the geotextile wrap as protection before the slope was regraded and re-compacted.

### **1.2 Laboratory Testing**

NewFields continued permeability testing on SLF samples, and continued laboratory testing on DCF samples.



## 2.0 MEETINGS AND COMMUNICATIONS

- NewFields personnel attended the daily safety meetings at 7:00 A.M. on Monday, and at 6:00 A.M. the rest of the week.
- NewFields personnel attended the weekly owners meeting with CC&V, JHL and KTI.

## 3.0 MISCELLANEOUS, ISSUES, AND CONCERNS

- None.

## 4.0 PHOTOGRAPHS



**May 30, 2023 – Placement of SLF above the 10,000' bench**





**June 1, 2023 - Placement of SLF above the 10,000' bench**



**June 2, 2023 – Backfilling of LDT2 with gravel to protect geotextile**



***Report Review and Approval:***

Role	Name	Signature
<b>CQA Monitor/Report Prepared By</b>	<b>Tyler Wendlandt</b>	<i>Tyler Wendlandt</i>
<b><i>Or CQA Designee</i></b>		
<b>Project Engineer</b>	<b>Jeff Gaul</b>	
<b><i>Or Projects Designee</i></b>	John Sperry	<i>John R. Sperry</i>

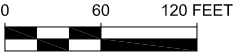
**Attachments:**


Figure 1 – SLF Placement Week Ending 06.02.2023

P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.024F.dwg-8/29/2023 1:41 PM



- LEGEND:**
- 2022 PSSA SLF CONTOURS
  - 2023 SUBGRADE CONTOURS
  - VLF2 PHASE 2 SLF CONTOURS
  - SLF PLACEMENT WEEK ENDING 06.02.2023
  - PREVIOUS SLF PLACEMENT
  - VLF 2 PHASE 3 STAGE A LIMITS



		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		VLF 2 PHASE 3	
TITLE	SLF PLACEMENT WEEK ENDING 06.02.2023	FILENAME 0106.060.024F	
		FIGURE NO. 1	REVISION





## FIELD WEEKLY PROGRESS REPORT

**PROJECT:** VALLEY LEACH FACILITY 2 PHASE 3 2023 QUALITY ASSURANCE OVERSIGHT  
**SITE:** CRIPPLE CREEK & VICTOR GOLD MINE (COLORADO)  
**CONTRACTOR:** NEWMONT CC&V MINING OPERATIONS  
JHL CONSTRUCTORS  
KELLEY TRUCKING INC.  
**WEEK ENDING:** FRIDAY, JUNE 09, 2023

**REPORTING PERIOD: 06.03.2023 THROUGH 06.09.2023**

Days	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Work Shifts – JHL/KTI	-	-	D	D	D	D	D
D – DAYSHIFT		N – NIGHTSHIFT			W – WEATHER		

### AMBIENT TEMPERATURE RANGES AND WEATHER CONDITIONS:

HIGHS: 49°F TO 71°F  
LOWS: 33°F TO 38°F  
CLOUD COVER: PARTLY CLOUDY  
PRECIPITATION: 0.76"  
WIND: WIND GUSTS UP TO 23 MPH

### NEWFIELDS PERSONNEL ONSITE:

Personnel	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Jun. 03	Jun. 04	Jun. 05	Jun. 06	Jun. 07	Jun. 08	Jun. 09
Jay Moore	-	-	-	-	-	-	-
Tyler Wendlandt	-	-	PR	PR	PR	PR	PR
Ryan Hunt	-	-	LS	LS	LS	LS	LS
Ben Melly	-	-	LG	LG	LG	LG	LG
Henry Walsh	-	-	GT	GT	GT	GT	GT
Kenneth Edge	-	-	GT	GT	GT	GT	GT
Micheal Wietzel	-	-	GT	GT	GT	GT	GT
Devan Keith	-	-	LT	LT	LT	LT	LT
PR – Project Resident; LS – Lead Soils Technician; LG – Lead Geosynthetics; ST – Soils Technician; GT – Geosynthetics Technician; LT – Laboratory Technician; PCE – Project Certifying Engineer							



## 1.0 CONTRACTOR OPERATIONS

### 1.1 Earthworks

#### 1.1.1 Subgrade

- Subgrade was approved for SLF placement. Approved subgrade areas can be found in **Figure 1**.

#### 1.1.2 Structural Fill

A KTI dozer spread structural fill in two foot thick lifts at the fill area in the channel along the eastern section of the Phase 2 tie in. Each lift was compacted by three passes (one pass = forward and backward) of a smooth drum vibratory roller.

#### 1.1.3 Soil Liner Fill

KTI and JHL continued placing SLF on the flat areas and channel between the VLF2 Phase 2 tie in and the Schist Island Haul Road. Loaders loaded SLF material into haul trucks at the Lower Dump 1 stockpile, which was then delivered to dozers. The SLF was placed in a minimum 12" thick layer and compacted with the smooth drum vibratory roller. In most areas, the SLF layer was placed greater than 12" and trimmed down to design thickness prior to compaction. The SLF placement areas are shown in **Figure 2**.

#### 1.1.4 Leak Detection Fill

JHL continued leak detection trench (LDT 2) construction during the week. An excavator excavated the trench to grade with assistance from ground personnel. Once the ground personnel verified rough grade and trench dimensions 40-mil HDPE geomembrane was placed lining the trench. After the 40-mil HDPE installation the 12oz non-woven geotextile was placed. A 4" diameter CPe pipe was ran along the trench, Leak Detection Fill was placed, and the geotextile closed around the Leak Detection Fill. Leftover LVSCF from Stage A.1 was placed as backfill in a 1' loose lift over the top of the geotextile wrap as protection before the slope was regraded and re-compacted.

### 1.2 Laboratory Testing

NewFields continued permeability testing on SLF samples.

## 2.0 MEETINGS AND COMMUNICATIONS

- NewFields personnel attended the daily safety meetings at 7:00 A.M. on Monday, and at 6:00 A.M. the rest of the week.



- NewFields personnel attended the weekly owners meeting with CC&V, JHL and KTI.

### 3.0 MISCELLANEOUS, ISSUES, AND CONCERNS

- None.

### 4.0 PHOTOGRAPHS



July 6, 2023 – Excavation of LDT2 trench





**July 6, 2023 – Placement of SLF above the 10,000' bench**



**July 6, 2023 – Geomembrane exposure along the 10,000' bench**





**June 7, 2023 – Preparation of SLF over the Honda Area**



**June 09, 2023 – Preparation of SLF over the Honda Area**



**June 9, 2023 – Quality Control Moisture/Density checks on SLF**





***Report Review and Approval:***

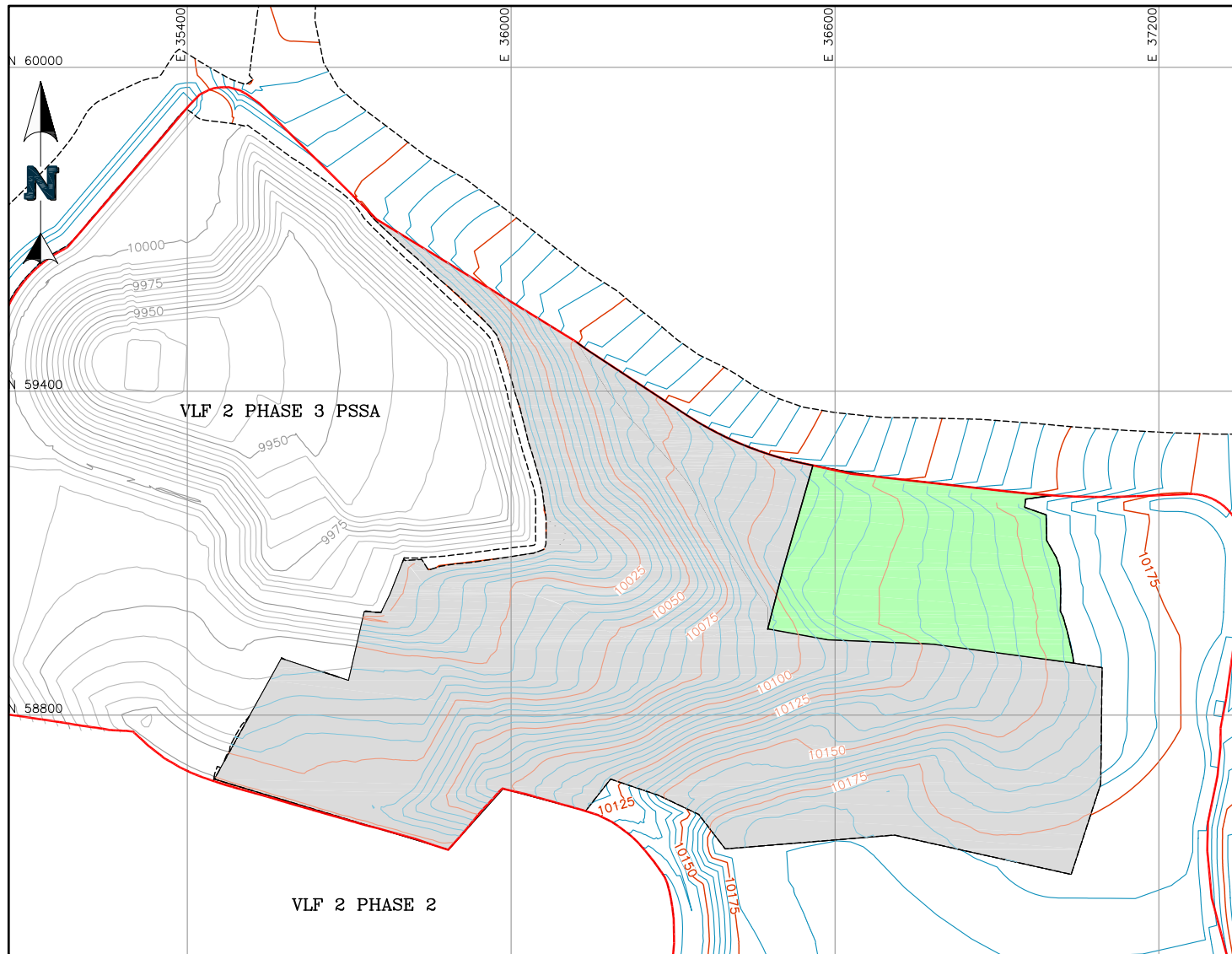
<b>Role</b>	<b>Name</b>	<b>Signature</b>
<b>CQA Monitor/Report Prepared By</b>	<b>Tyler Wendlandt</b>	<i>Tyler Wendlandt</i>
<b><i>Or CQA Designee</i></b>		
<b>Project Engineer</b>	<b>Jeff Gaul</b>	
<b><i>Or Projects Designee</i></b>	John Sperry	<i>John R. Sperry</i>

**Attachments:**







Figure 1 – Subgrade Acceptance Areas

Figure 2 – SLF Placement Week Ending 06.09.2023

P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\Figs\0106.060.010F.dwg-8/29/2023 3:53 PM



**LEGEND:**

-  2022 PSSA SUBGRADE CONTOURS
-  PROPOSED SUBGRADE CONTOURS
-  6.05.23 SUBGRADE CONTOURS
-  CURRENT SUBGRADE APPROVAL
-  PREVIOUS SUBGRADE APPROVAL
-  VLF 2 PHASE 3 STAGE A LIMITS



CLIENT **CRIPPLE CREEK & VICTOR  
GOLD MINING COMPANY**

PROJECT

**VLF 2 PHASE 3**

TITLE

**SUBGRADE ACCEPTANCE FORM - 06.05.2023**

FILENAME

0106.060.010F

FIGURE NO.

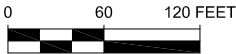
**1**


REVISION

P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.025F.dwg-8/29/2023 1:42 PM



- LEGEND:**
- 2022 PSSA SLF CONTOURS
  - 2023 SUBGRADE CONTOURS
  - VLF2 PHASE 2 SLF CONTOURS
  - SLF PLACEMENT WEEK ENDING 06.09.2023
  - PREVIOUS SLF PLACEMENT
  - VLF 2 PHASE 3 STAGE A LIMITS



		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		VLF 2 PHASE 3	
TITLE	SLF PLACEMENT WEEK ENDING 06.09.2023	FILENAME 0106.060.025F	
		FIGURE NO.	REVISION
		2	





## FIELD WEEKLY PROGRESS REPORT

**PROJECT:** VALLEY LEACH FACILITY 2 PHASE 3 2023 QUALITY ASSURANCE OVERSIGHT  
**SITE:** CRIPPLE CREEK & VICTOR GOLD MINE (COLORADO)  
**CONTRACTOR:** NEWMONT CC&V MINING OPERATIONS  
JHL CONSTRUCTORS  
KELLEY TRUCKING INC.  
**WEEK ENDING:** FRIDAY, JUNE 16, 2023

**REPORTING PERIOD: 06.10.2023 THROUGH 06.16.2023**

Days	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Work Shifts – JHL/KTI	-	-	D	D	D	D	D
D – DAYSHIFT	N – NIGHTSHIFT			W – WEATHER			

### AMBIENT TEMPERATURE RANGES AND WEATHER CONDITIONS:

HIGHS: 54°F TO 70°F  
LOWS: 37°F TO 45°F  
CLOUD COVER: PARTLY CLOUDY  
PRECIPITATION: 0.67"  
WIND: WIND GUSTS UP TO 35 MPH



## NEWFIELDS PERSONNEL ONSITE:

Personnel	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Jun. 10	Jun. 11	Jun. 12	Jun. 13	Jun. 14	Jun. 15	Jun. 16
Jay Moore	-	-	-	-	-	-	-
Tyler Wendlandt	-	-	PR	PR	PR	PR	PR
Ryan Hunt	-	-	LS	LS	LS	LS	LS
Ben Melly	-	-	LG	LG	LG	LG	LG
Henry Walsh	-	-	GT	-	GT	-	GT
Kenneth Edge	-	-	GT	-	GT	ST	ST
Micheal Wietzel	-	-	GT	-	GT	GT	GT
Devan Keith	-	-	LT	-	-	-	-
PR – Project Resident; LS – Lead Soils Technician; LG – Lead Geosynthetics; ST – Soils Technician; GT - Geosynthetics Technician; LT – Laboratory Technician; PCE – Project Certifying Engineer							

## 1.0 CONTRACTOR OPERATIONS

### 1.1 Earthworks

#### 1.1.1 High Compaction Backfill

A NMC D10 dozer spread structural fill in a two- to five-foot-thick lift at the fill area to the West of the topsoil triangle. The lift was compacted with a minimum of two passes (one pass = forward and backward) over the entirety of the fill with a loaded 793 haul truck.

#### 1.1.2 Subgrade

Subgrade was approved for SLF placement. Approved subgrade areas can be found in Figure 1.

#### 1.1.3 Structural Fill

A KTI dozer spread structural fill in two foot thick lifts at the fill area in the channel along the eastern section of the Phase 2 tie in. Each lift was compacted by three passes (one pass = forward and backward) of a smooth drum vibratory roller.

#### 1.1.4 Soil Liner Fill

KTI and JHL continued placing SLF on the flat areas and channel between the VLF2 Phase 2 tie in and the Schist Island Haul Road. Loaders loaded SLF material into haul trucks at the Lower Dump 1 stockpile, which was then delivered to dozers. The SLF was placed in a minimum 12" thick layer and compacted with the smooth drum vibratory roller. In most areas, the SLF layer was placed



greater than 12" and trimmed down to design thickness prior to compaction. The SLF placement areas are shown in **Figure 1**.

- The SLF was approved as liner was deployed. 101,813 square feet of SLF was approved for liner.
- NewFields conducted 9 nuclear densometer tests on the finished SLF within the VLF2 P3 footprint, all of which met specifications.

#### **1.1.5 Leak Detection**

No leak detection construction took place during the week.

#### **1.1.6 Anchor Trench**

No new anchor trench was constructed during the week.

### **1.2 Geosynthetics**

Tetra Tech began deployment of textured 80-mil LLDPE geomembrane. The edges of the geomembrane were secured with sandbags and rolls of liner. The panel deployment is shown in **Figure 2**.

- 101,813 square feet of liner was deployed.
- 5,128 linear feet of liner was fusion welded using two to three wedge welding machines and two to three operators.
- 14 destructive tests were marked. 10 destructive samples were tested and passed on fusion welds. 0 destructive sample was tested and passed on an extrusion weld.
- Fusion welded seams were pressure tested.
- Some repairs were performed, and vacuum tested.

### **1.3 Laboratory Testing**

NewFields continued permeability testing on SLF samples, and continued laboratory testing on DCF samples.

## **2.0 MEETINGS AND COMMUNICATIONS**

- NewFields personnel attended the daily safety meetings at 7:00 A.M. on Monday, and at 6:00 A.M. the rest of the week.
- NewFields personnel attended the weekly owners meeting with CC&V, JHL and KTI.





### 3.0 MISCELLANEOUS, ISSUES, AND CONCERNS

➤ None.

### 4.0 PHOTOGRAPHS



**June 14, 2023 – SLF re-compaction and preparation along 80-mil tie-in**





**June 15, 2023 – SLF compaction and surface preparation**



**June 15, 2023 – VLF2 Phase 2/Phase 3 Tie in preparation**





**June 15, 2023 – High Compaction Backfill wheel rolling**



**June 16, 2023 – Geomembrane deployment**





**June 16, 2023 – Geomembrane fusion welding**



***Report Review and Approval:***

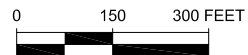
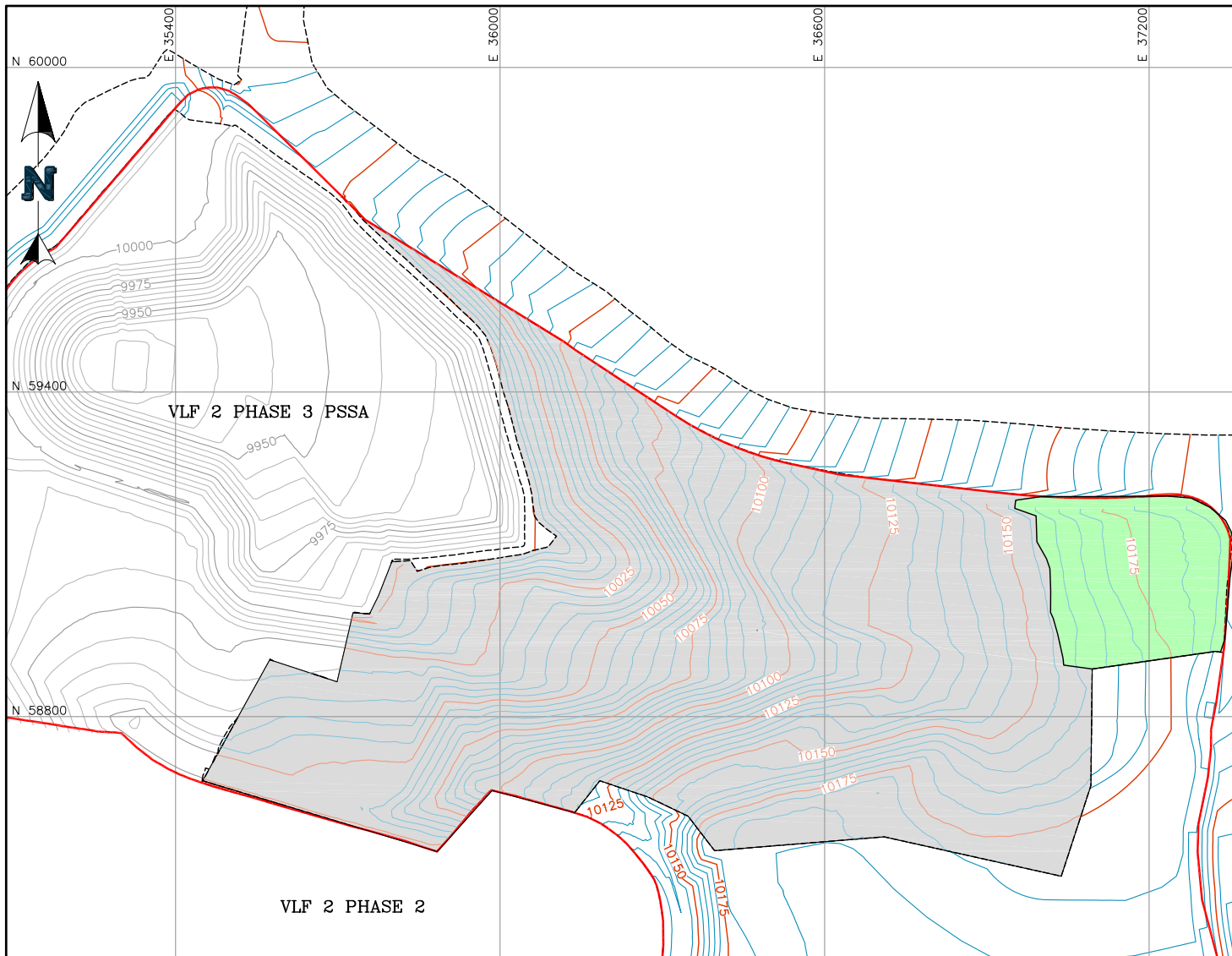
Role	Name	Signature
<b>CQA Monitor/Report Prepared By</b>	<b>Tyler Wendlandt</b>	<i>Tyler Wendlandt</i>
<b><i>Or CQA Designee</i></b>		
<b>Project Engineer</b>	<b>Jeff Gaul</b>	
<b><i>Or Projects Designee</i></b>	John Sperry	<i>John R. Sperry</i>

**Attachments:**







Figure 1- Soil Liner Fill Acceptance Areas

Figure 2 – 80-mil Geomembrane Deployment Week Ending 06.16.2022

P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\Figs\0106.060.011F.dwg-8/29/2023 3:56 PM



**LEGEND:**

-  2022 PSSA SUBGRADE CONTOURS
-  PROPOSED SUBGRADE CONTOURS
-  6.16.23 SUBGRADE CONTOURS
-  CURRENT SUBGRADE APPROVAL
-  PREVIOUS SUBGRADE APPROVAL
-  VLF 2 PHASE 3 STAGE A LIMITS



CLIENT **CRIPPLE CREEK & VICTOR  
GOLD MINING COMPANY**

PROJECT

**VLF 2 PHASE 3**

TITLE

**SUBGRADE ACCEPTANCE FORM - 06.16.2023**

FILENAME

0106.060.011F

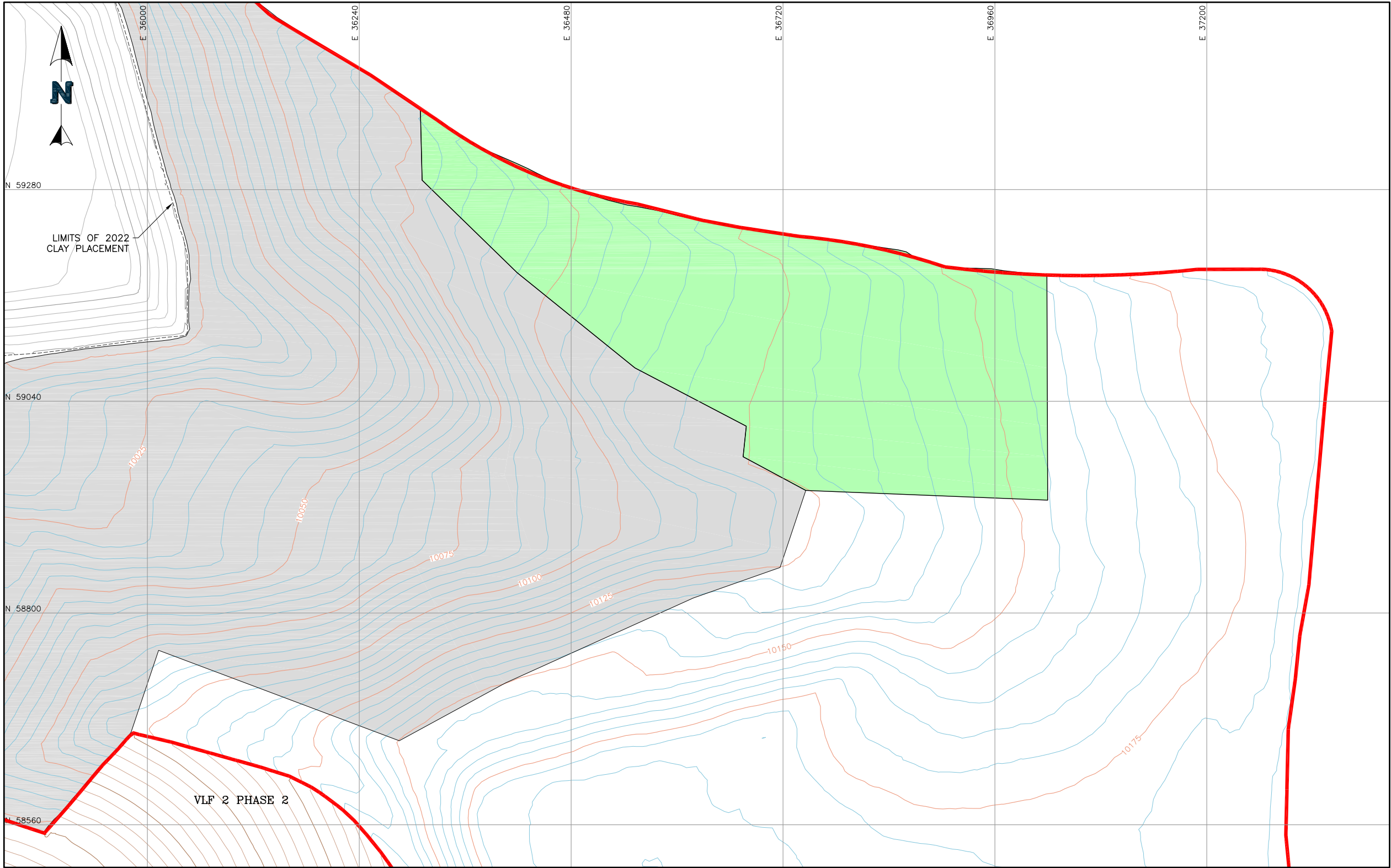
FIGURE NO.

**1**


REVISION



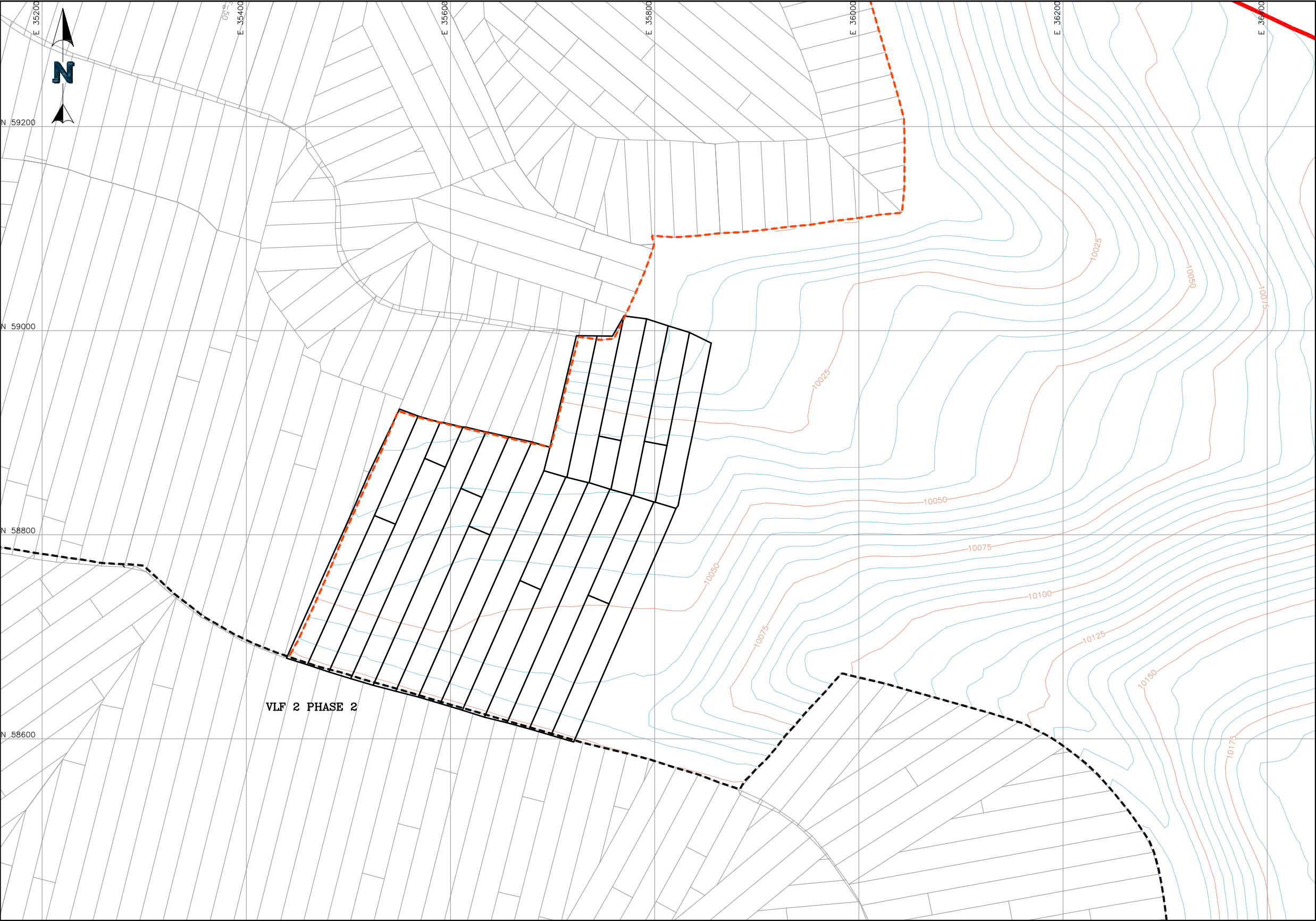
P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.026F.dwg-8/29/2023 10:37 AM



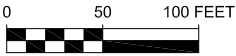
- LEGEND:**
- 2022 PSSA SLF CONTOURS
  - 2023 SUBGRADE CONTOURS
  - VLF2 PHASE 2 SLF CONTOURS
  - SLF PLACEMENT WEEK ENDING 06.16.2023
  - PREVIOUS SLF PLACEMENT
  - VLF 2 PHASE 3 STAGE A LIMITS


		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		VLF 2 PHASE 3	
TITLE	SLF PLACEMENT WEEK ENDING 06.16.2023	FILENAME 0106.060.026F	
		FIGURE NO. 2	REVISION

P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.017F.dwg-8/29/2023 2:43 PM



- LEGEND:**
- STAGE A.2 AS-BUILT SLF CONTOURS
  - VLF 2 PHASE 3 STAGE A LIMITS
  - VLF 2 PHASE 2 LIMITS
  - STAGE A.1 GEOMEMBRANE LIMITS
  - 80-MIL GEOMEMBRANE DEPLOYMENT WEEK ENDING 6.16.2023
  - PREVIOUS GEOMEMBRANE DEPLOYMENT



		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		VLF 2 PHASE 3	
TITLE	GEOMEMBRANE DEPLOYMENT WEEK ENDING 6.16.23		FILENAME
			0106.060.017F
		FIGURE NO.	REVISION
		3	



## FIELD WEEKLY PROGRESS REPORT

**PROJECT:** VALLEY LEACH FACILITY 2 PHASE 3 2023 QUALITY ASSURANCE OVERSIGHT  
**SITE:** CRIPPLE CREEK & VICTOR GOLD MINE (COLORADO)  
**CONTRACTOR:** NEWMONT CC&V MINING OPERATIONS  
JHL CONSTRUCTORS  
KELLEY TRUCKING INC.  
**WEEK ENDING:** FRIDAY, JUNE 23, 2023

---

**REPORTING PERIOD: 06.17.2023 THROUGH 06.23.2023**

Days	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Work Shifts – JHL/KTI	-	-	-	D	D	D	D
D – DAYSHIFT	N – NIGHTSHIFT			W – WEATHER			

---

### AMBIENT TEMPERATURE RANGES AND WEATHER CONDITIONS:

HIGHS: 51°F TO 72°F  
LOWS: 41°F TO 54°F  
CLOUD COVER: PARTLY CLOUDY  
PRECIPITATION: 0.12"  
WIND: WIND GUSTS UP TO 19 MPH

---





## NEWFIELDS PERSONNEL ONSITE:

Personnel	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Jun. 17	Jun. 18	Jun. 19	Jun. 20	Jun. 21	Jun. 22	Jun. 23
Jay Moore	-	-	-	-	-	-	-
Tyler Wendlandt	-	-	-	PR	PR	PR	PR
Ryan Hunt	-	-	-	LS	LS	LS	LS
Ben Melly	-	-	-	LG	LG	LG	LG
Henry Walsh	-	-	-	GT	GT	GT	GT
Kenneth Edge	-	-	-	GT	GT	ST	ST
Micheal Wietzel	-	-	-	GT	GT	GT	GT
Devan Keith	-	-	-	LT	LT	LT	LT
PR – Project Resident; LS – Lead Soils Technician; LG – Lead Geosynthetics; ST – Soils Technician; GT - Geosynthetics Technician; LT – Laboratory Technician; PCE – Project Certifying Engineer							

## 1.0 CONTRACTOR OPERATIONS

### 1.1 Earthworks

#### 1.1.1 Subgrade

- No subgrade was approved during the week.

#### 1.1.2 Structural Fill

- No structural fill was placed during the week.

#### 1.1.3 Soil Liner Fill

KTI and JHL continued placing SLF on the flat areas and channel between the VLF2 Phase 2 tie in and the Schist Island Haul Road. Loaders loaded SLF material into haul trucks at the Lower Dump 1 stockpile, which was then delivered to dozers. The SLF was placed in a minimum 12" thick layer and compacted with the smooth drum vibratory roller. In most areas, the SLF layer was placed greater than 12" and trimmed down to design thickness prior to compaction. The SLF placement areas are shown in [Figure 1](#).

- The SLF was approved as liner was deployed. Approximately 203,546 square feet of SLF was approved for liner.
- NewFields conducted 17 nuclear densometer tests on the finished SLF within the PSSA, all of which met specifications.



#### **1.1.4 Leak Detection**

No leak detection construction took place during the week.

#### **1.1.5 Anchor Trench**

Temporary Anchor Trenches were installed during Geomembrane deployment to secure the liner. No permanent anchor trenches were constructed.

### **1.2 Geosynthetics**

Tetra Tech continued deployment of textured 80-mil LLDPE geomembrane. The edges of the geomembrane were secured with sandbags and rolls of liner. The panel deployment is shown in **Figure 2**.

- 203,546 square feet of liner was deployed.
- 8,415 linear feet of liner was fusion welded using two to three wedge welding machines and two to three operators.
- 19 destructive tests were marked. 15 destructive samples were tested and passed on fusion welds. 3 destructive samples were tested and passed on an extrusion weld.
- Fusion welded seams were pressure tested.
- Some repairs were performed, and vacuum tested.

### **1.3 Laboratory Testing**

NewFields continued permeability testing on SLF samples.

## **2.0 MEETINGS AND COMMUNICATIONS**

- NewFields personnel attended the daily safety meetings at 7:00 A.M. on Monday, and at 6:00 A.M. the rest of the week.
- NewFields personnel attended the weekly owners meeting with CC&V, JHL and KTI.

## **3.0 MISCELLANEOUS, ISSUES, AND CONCERNS**

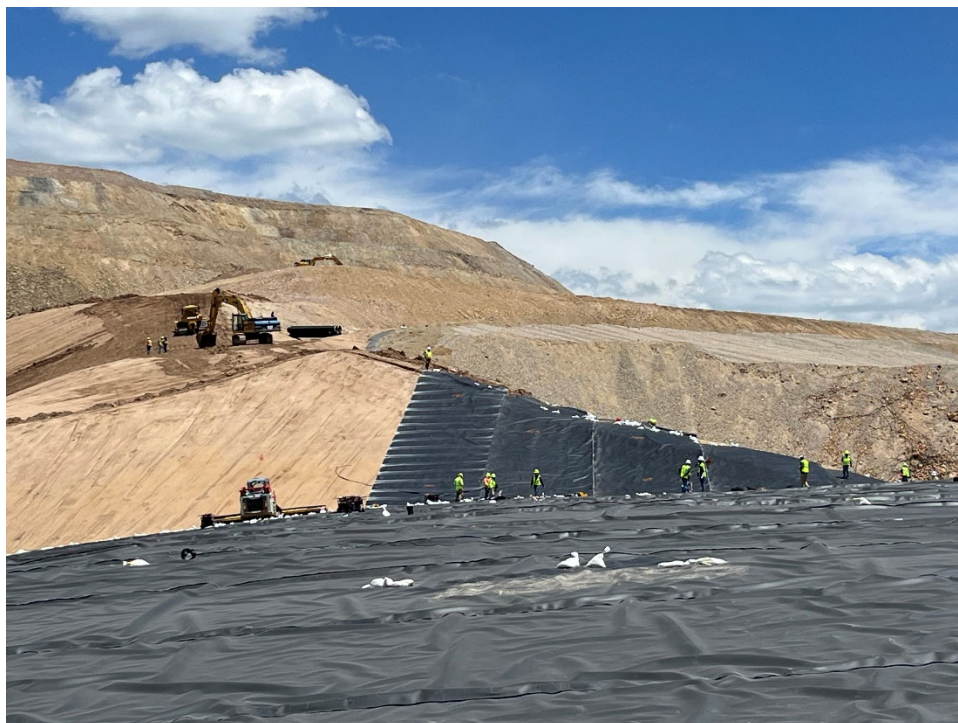
- None.



## 4.0 PHOTOGRAPHS



**June 20, 2023 – SLF moisture conditioning by VLF2 P2/P3 tie-in**



**July 20, 2023 – Geomembrane deployment by VLF2 P2/P3 tie-in**

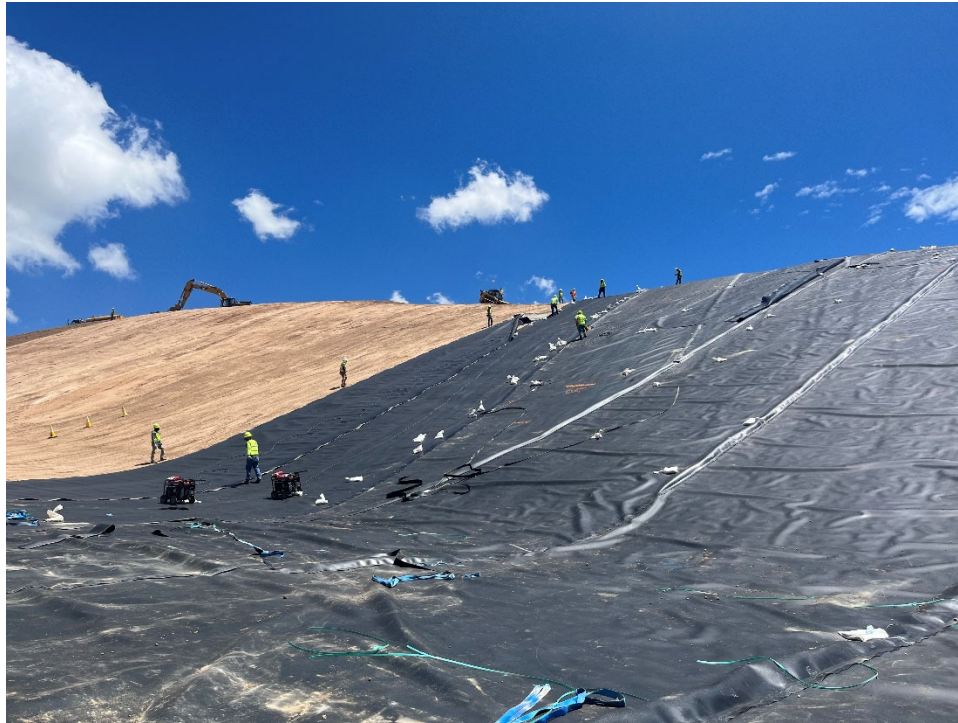




**June 20, 2023 – Geomembrane fusion welding preparation**



**June 23, 2023 – Temporary anchor trench securing geomembrane during deployment on Turkey Ridge**



**June 23, 2023 – Geomembrane deployment on Turkey Ridge**



***Report Review and Approval:***

Role	Name	Signature
<b>CQA Monitor/Report Prepared By</b>	<b>Tyler Wendlandt</b>	<i>Tyler Wendlandt</i>
<b><i>Or CQA Designee</i></b>		
<b>Project Engineer</b>	<b>Jeff Gaul</b>	
<b><i>Or Projects Designee</i></b>	John Sperry	<i>John R. Sperry</i>

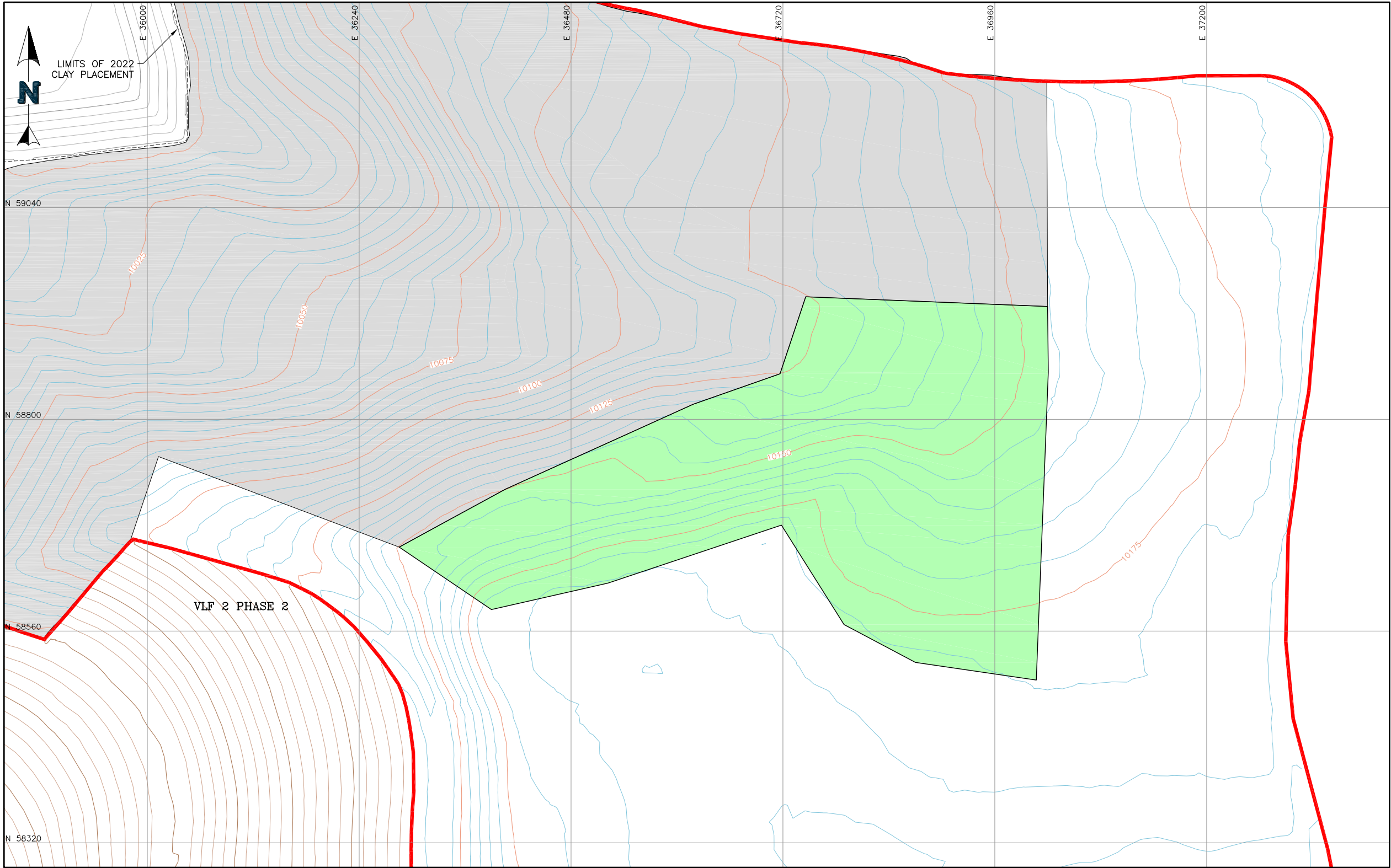
**Attachments:**

Figure 1 – SLF Placement Week Ending 06.23.2023


Figure 2 – Secondary Geomembrane Deployment Week Ending 06.23.2023



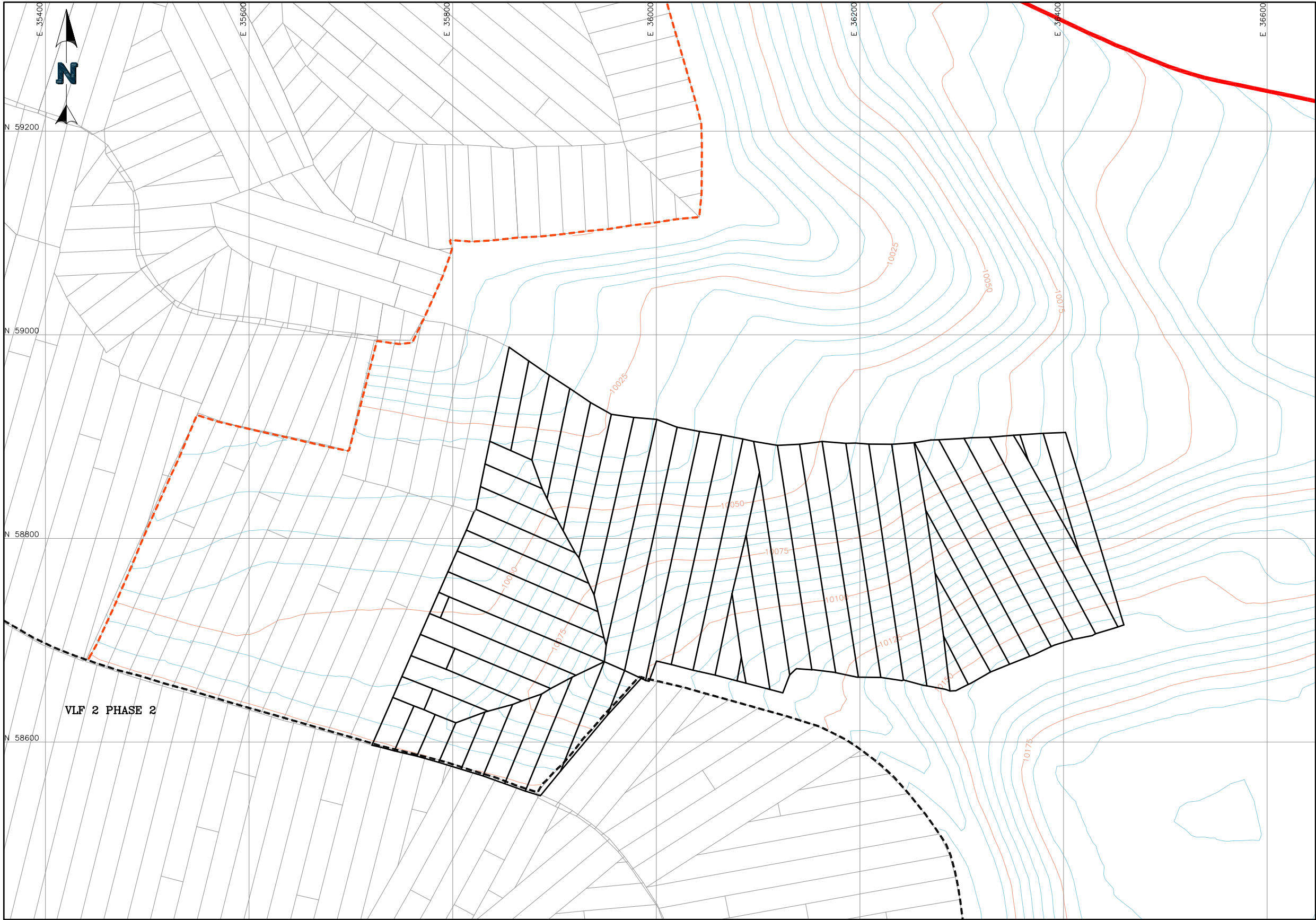
P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.027F.dwg-8/29/2023 1:48 PM



- LEGEND:**
- 2022 PSSA SLF CONTOURS
  - 2023 SUBGRADE CONTOURS
  - VLF2 PHASE 2 SLF CONTOURS
  - SLF PLACEMENT WEEK ENDING 06.23.2023
  - PREVIOUS SLF PLACEMENT
  - VLF 2 PHASE 3 STAGE A LIMITS


		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		VLF 2 PHASE 3	
TITLE	SLF PLACEMENT WEEK ENDING 06.23.2023	FILENAME 0106.060.027F	
		FIGURE NO. 1	REVISION

P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.018F.dwg--8/29/2023 2:43 PM



- LEGEND:**
- STAGE A.2 AS-BUILT SLF CONTOURS
  - VLF 2 PHASE 3 STAGE A LIMITS
  - VLF 2 PHASE 2 LIMITS
  - STAGE A.1 GEOMEMBRANE LIMITS
  - 80-MIL GEOMEMBRANE DEPLOYMENT WEEK ENDING 6.16.2023
  - PREVIOUS GEOMEMBRANE DEPLOYMENT

0 50 100 FEET

 <b>NewFields</b>		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		VLF 2 PHASE 3	
TITLE	GEOMEMBRANE DEPLOYMENT WEEK ENDING 6.23.23		FILENAME
			0106.060.018F
			FIGURE NO.
		2	



## FIELD WEEKLY PROGRESS REPORT

**PROJECT:** VALLEY LEACH FACILITY 2 PHASE 3 2023 QUALITY ASSURANCE OVERSIGHT  
**SITE:** CRIPPLE CREEK & VICTOR GOLD MINE (COLORADO)  
**CONTRACTOR:** NEWMONT CC&V MINING OPERATIONS  
JHL CONSTRUCTORS  
KELLEY TRUCKING INC.  
**WEEK ENDING:** FRIDAY, JUNE 30, 2023

**REPORTING PERIOD: 06.24.2023 THROUGH 06.30.2023**

Days	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Work Shifts – JHL/KTI	D	-	D	D	D	D	D
D – DAYSHIFT		N – NIGHTSHIFT			W – WEATHER		

### AMBIENT TEMPERATURE RANGES AND WEATHER CONDITIONS:

HIGHS: 70°F TO 74°F  
LOWS: 46°F TO 56°F  
CLOUD COVER: PARTLY CLOUDY  
PRECIPITATION: 0.10"  
WIND: WIND GUSTS UP TO 19 MPH





## NEWFIELDS PERSONNEL ONSITE:

Personnel	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Jun. 24	Jun. 25	Jun. 26	Jun. 27	Jun. 28	Jun. 29	Jun. 30
Jay Moore	-	-	-	-	-	-	-
Tyler Wendlandt	-	-	PR	PR	PR	PR	PR
Ryan Hunt	-	-	LS	LS	LS	LS	LS
Ben Melly	LG	-	LG	LG	LG	LG	LG
Henry Walsh	GT	-	GT	GT	GT	GT	GT
Kenneth Edge	GT	-	GT	GT	GT	ST	ST
Micheal Wietzel	GT	-	GT	GT	GT	GT	GT
Devan Keith	-	-	LT	LT	LT	LT	LT
PR – Project Resident; LS – Lead Soils Technician; LG – Lead Geosynthetics; ST – Soils Technician; GT – Geosynthetics Technician; LT – Laboratory Technician; PCE – Project Certifying Engineer							

## 1.0 CONTRACTOR OPERATIONS

### 1.1 Earthworks

#### 1.1.1 Subgrade

No subgrade was approved during the week.

#### 1.1.2 Structural Fill

A KTI dozer spread structural fill in two foot thick lifts at the fill area in the channel along the eastern section of the Phase 2 tie in. Each lift was compacted by three passes (one pass = forward and backward) of a smooth drum vibratory roller.

#### 1.1.3 Soil Liner Fill

KTI and JHL continued placing SLF on the flat areas and channel between the VLF2 Phase 2 tie in and the Schist Island Haul Road. Loaders loaded SLF material into haul trucks at the Lower Dump 1 stockpile, which was then delivered to dozers. The SLF was placed in a minimum 12" thick layer and compacted with the smooth drum vibratory roller. In most areas, the SLF layer was placed greater than 12" and trimmed down to design thickness prior to compaction. The SLF placement areas are shown in [Figure 1](#).

- The SLF was approved as liner was deployed. 220,895 square feet of SLF was approved for liner.



- NewFields conducted 19 nuclear densometer tests on the finished SLF within the PSSA, all of which met specifications.

#### **1.1.4 Leak Detection Fill**

No leak detection construction took place during the week.

#### **1.1.5 Anchor Trench**

Approximately 496 feet of new anchor trench was constructed along the northern Phase 3 Stage A limits using mini excavators.

### **1.2 Geosynthetics**

Tetra Tech continued deployment of textured 80-mil LLDPE geomembrane. The edges of the geomembrane were secured with sandbags and rolls of liner. The panel deployment is shown in [Figure 2](#).

- 220,895 square feet of liner was deployed.
- 12,994 linear feet of liner was fusion welded using two to three wedge welding machines and two to three operators.
- 27 destructive tests were marked. 28 destructive samples were tested and passed on fusion welds. No destructive samples were taken on extrusion welds.
- Fusion welded seams were pressure tested.

### **1.3 Laboratory Testing**

NewFields continued permeability testing on SLF samples.

## **2.0 MEETINGS AND COMMUNICATIONS**

- NewFields personnel attended the daily safety meetings at 7:00 A.M. on Monday, and at 6:00 A.M. the rest of the week.
- NewFields personnel attended the weekly owners meeting with CC&V, JHL and KTI.

## **3.0 MISCELLANEOUS, ISSUES, AND CONCERNS**

- NewFields personnel requested that any damaged 100-mil geomembrane along the 10,000' bench be repaired before the 80-mil deployment began on the slopes above the PSSA. Damages were exposed completely, including by excavating SLF material and patched with 100-mil geomembrane using the extrusion welding method. Vacuum testing took place on all



repaired areas. Once the inspection and repair activities were complete, new SLF material was placed back and compacted in the excavated areas.

#### 4.0 PHOTOGRAPHS



**June 25, 2023 – 100-mil geomembrane repair on 10,000' bench**





**June 27, 2023 – 100-mil geomembrane repair on 10,000' bench**



**June 30, 2023 – Deployment of LLDPE over approved SLF on schist slopes**





**June 27, 20223 – Soil Liner Fill surface preparation by tether method**



**July 29, 2023 – Anchor Trench construction along northern limits of Stage A**



**June 30, 2023 – Fusion welding of seams below backfill ramp**





***Report Review and Approval:***

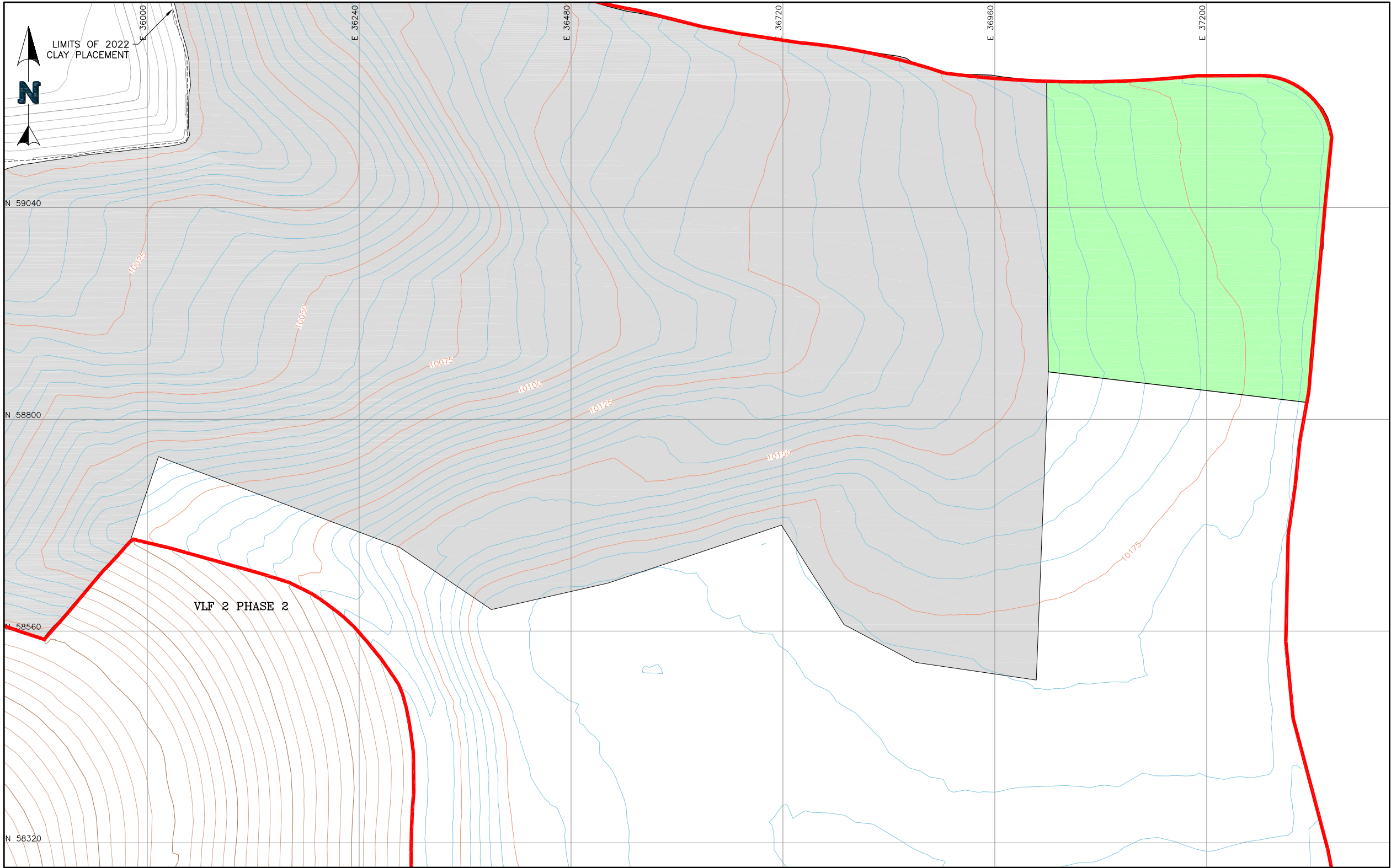
Role	Name	Signature
<b>CQA Monitor/Report Prepared By</b>	<b>Tyler Wendlandt</b>	<i>Tyler Wendlandt</i>
<b><i>Or CQA Designee</i></b>		
<b>Project Engineer</b>	<b>Jeff Gaul</b>	
<b><i>Or Projects Designee</i></b>	John Sperry	<i>John R. Sperry</i>

**Attachments:**

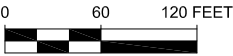
Figure 1 – SLF Placement Week Ending 06.30.2023


Figure 2 – Secondary Geomembrane Deployment Week Ending 06.30.2023

P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.028F.dwg-8/29/2023 12:03 PM

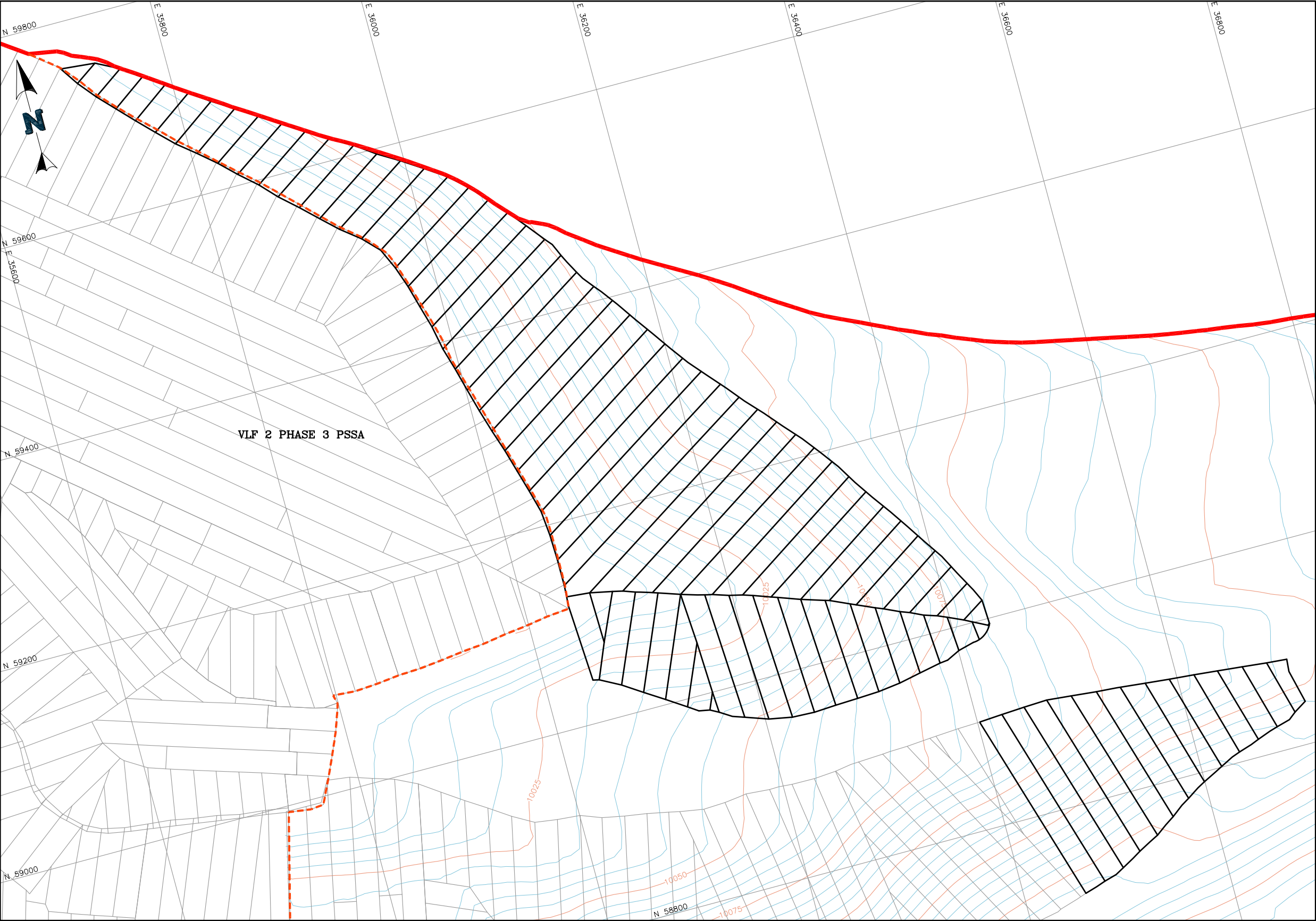


- LEGEND:**
- 2022 PSSA SLF CONTOURS
  - 2023 SUBGRADE CONTOURS
  - VLF2 PHASE 2 SLF CONTOURS
  - SLF PLACEMENT WEEK ENDING 06.30.2023
  - PREVIOUS SLF PLACEMENT
  - VLF 2 PHASE 3 STAGE A LIMITS

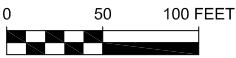



		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		VLF 2 PHASE 3	
TITLE	SLF PLACEMENT WEEK ENDING 06.30.2023	FILENAME	
		0106.060.028F	
		FIGURE NO.	REVISION
		1	

P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.019F.dwg--8/29/2023 2:43 PM



- LEGEND:**
- STAGE A.2 AS-BUILT SLF CONTOURS
  - VLF 2 PHASE 3 STAGE A LIMITS
  - VLF 2 PHASE 2 LIMITS
  - STAGE A.1 GEOMEMBRANE LIMITS
  - 80-MIL GEOMEMBRANE DEPLOYMENT WEEK ENDING 6.16.2023
  - PREVIOUS GEOMEMBRANE DEPLOYMENT



		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		VLF 2 PHASE 3	
TITLE	GEOMEMBRANE DEPLOYMENT WEEK ENDING 6.30.23	FILENAME 0106.060.019F	
		FIGURE NO. 2	REVISION





## FIELD WEEKLY PROGRESS REPORT

**PROJECT:** VALLEY LEACH FACILITY 2 PHASE 3 2023 QUALITY ASSURANCE OVERSIGHT  
**SITE:** CRIPPLE CREEK & VICTOR GOLD MINE (COLORADO)  
**CONTRACTOR:** NEWMONT CC&V MINING OPERATIONS  
JHL CONSTRUCTORS  
KELLEY TRUCKING INC.  
**WEEK ENDING:** FRIDAY, JULY 7, 2023

REPORTING PERIOD: 07.01.2023 THROUGH 07.07.2023

Days	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Work Shifts – JHL/KTI	D	-	-	-	D	D	D
D – DAYSHIFT	N – NIGHTSHIFT			W – WEATHER			

### AMBIENT TEMPERATURE RANGES AND WEATHER CONDITIONS:

HIGHS: 71°F TO 78°F  
LOWS: 46°F TO 55°F  
CLOUD COVER: PARTLY CLOUDY  
PRECIPITATION: 1.10"  
WIND: WIND GUSTS UP TO 29 MPH



## NEWFIELDS PERSONNEL ONSITE:

Personnel	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Jul. 1	Jul. 2	Jul. 3	Jul. 4	Jul. 5	Jul. 6	Jul. 7
Jay Moore	-	-	-	-	-	-	-
Tyler Wendlandt	PR	-	-	-	PR	PR	PR
Ryan Hunt	-	-	-	-	LS	LS	LS
Ben Melly	LG	-	-	-	LG	LG	LG
Henry Walsh	GT	-	-	-	GT	GT	GT
Kenneth Edge	-	-	-	-	GT	ST	ST
Micheal Wietzel	-	-	-	-	GT	GT	GT
PR – Project Resident; LS – Lead Soils Technician; LG – Lead Geosynthetics; ST – Soils Technician; GT - Geosynthetics Technician; LT – Laboratory Technician; PCE – Project Certifying Engineer							

## 1.0 CONTRACTOR OPERATIONS

### 1.1 Earthworks

#### 1.1.1 Subgrade

- No subgrade was approved during the week.

#### 1.1.2 Structural Fill

- A KTI dozer spread structural fill in two foot thick lifts at the fill area in the channel along the eastern section of the Phase 2 tie in. Each lift was compacted by three passes (one pass = forward and backward) of a smooth drum vibratory roller.

#### 1.1.3 Soil Liner Fill

- Additional SLF was not placed during the week.
- The SLF was approved as liner was deployed. 92,108 square feet of SLF was approved for liner.
- NewFields conducted 9 nuclear densometer tests on the finished SLF within the PSSA, all of which met specifications.

#### 1.1.4 Leak Detection Fill

No leak detection construction took place during the week.



### **1.1.5 Anchor Trench**

- No anchor trench was constructed during the week.

## **1.2 Geosynthetics**

Tetra Tech continued deployment of textured 80-mil LLDPE geomembrane. The edges of the geomembrane were secured with sandbags and rolls of liner. The panel deployment is shown in **Figure 1**.

- Approximately 92,108 square feet of liner was deployed.
- 4,678 linear feet of liner was fusion welded using two to three wedge welding machines and two to three operators.
- 9 destructive tests were marked. 19 destructive samples were tested and passed on fusion welds. 3 destructive sample were tested and passed on an extrusion weld.
- Fusion welded seams were pressure tested.
- Some repairs were performed and vacuum tested.

## **1.3 Laboratory Testing**

NewFields continued permeability testing on SLF samples.

## **2.0 MEETINGS AND COMMUNICATIONS**

- NewFields personnel attended the daily safety meetings at 7:00 A.M. on Monday, and at 6:00 A.M. the rest of the week.
- NewFields personnel attended the weekly owners meeting with CC&V, JHL and KTI.

## **3.0 MISCELLANEOUS, ISSUES, AND CONCERNS**

- None.





## 4.0 PHOTOGRAPHS



**July 5<sup>th</sup>, 2023 – Deployment of LLDPE over approved SLF on schist slopes**



**July 6<sup>th</sup>, 2023 – Cutting of overburden material in topsoil triangle**



**July 7th, 2023 – Moisture conditioning of SLF surface ahead of LLDPE deployment**



***Report Review and Approval:***

Role	Name	Signature
<b>CQA Monitor/Report Prepared By</b>	<b>Tyler Wendlandt</b>	<i>Tyler Wendlandt</i>
<b><i>Or CQA Designee</i></b>		
<b>Project Engineer</b>	<b>Jeff Gaul</b>	
<b><i>Or Projects Designee</i></b>	John Sperry	<i>John R. Sperry</i>

**Attachments:**


Figure 1 – Secondary Geomembrane Deployment Week Ending 07.07.2023



P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.020F.dwg--8/29/2023 9:33 AM



- LEGEND:**
- STAGE A.2 AS-BUILT SLF CONTOURS
  - VLF 2 PHASE 3 STAGE A LIMITS
  - VLF 2 PHASE 2 LIMITS
  - STAGE A.1 GEOMEMBRANE LIMITS
  - 80-MIL GEOMEMBRANE DEPLOYMENT WEEK ENDING 6.16.2023
  - PREVIOUS GEOMEMBRANE DEPLOYMENT

		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		VLF 2 PHASE 3	
TITLE	GEOMEMBRANE DEPLOYMENT WEEK ENDING 7.07.23	FILENAME 0106.060.020F	
		FIGURE NO. 1	REVISION



## FIELD WEEKLY PROGRESS REPORT

**PROJECT:** VALLEY LEACH FACILITY 2 PHASE 3 2023 QUALITY ASSURANCE OVERSIGHT  
**SITE:** CRIPPLE CREEK & VICTOR GOLD MINE (COLORADO)  
**CONTRACTOR:** NEWMONT CC&V MINING OPERATIONS  
JHL CONSTRUCTORS  
KELLEY TRUCKING INC.  
**WEEK ENDING:** FRIDAY, JULY 14, 2023

REPORTING PERIOD: 07.08.2023 THROUGH 07.14.2023

Days	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Work Shifts – JHL/KTI	D	-	D	D	D	D	D
D – DAYSHIFT		N – NIGHTSHIFT			W – WEATHER		

### AMBIENT TEMPERATURE RANGES AND WEATHER CONDITIONS:

HIGHS: 77°F TO 81°F  
LOWS: 50°F TO 57°F  
CLOUD COVER: PARTLY CLOUDY  
PRECIPITATION: 0.25"  
WIND: WIND GUSTS UP TO 20 MPH



## NEWFIELDS PERSONNEL ONSITE:

Personnel	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Jul. 8	Jul. 9	Jul. 10	Jul. 11	Jul. 12	Jul. 13	Jul. 14
Jay Moore	-	-	-	-	-	PCE	-
Tyler Wendlandt	PR	-	PR	PR	PR	PR	PR
Ryan Hunt	-	-	LS	LS	LS	LS	LS
Ben Melly	-	-	-	-	-	-	-
Henry Walsh	GT	-	GT	GT	GT	GT	GT
Kenneth Edge	GT	-	GT	GT	GT	ST	ST
Micheal Wietzel	GT	-	GT	GT	GT	GT	GT
Darren Oseiasamoah	-	-	LT	LT	LT	LT	LT
David Santos	-	-	GT	GT	GT	GT	GT
PR – Project Resident; LS – Lead Soils Technician; LG – Lead Geosynthetics; ST – Soils Technician; GT - Geosynthetics Technician; LT – Laboratory Technician; PCE – Project Certifying Engineer							

## 1.0 CONTRACTOR OPERATIONS

### 1.1 Earthworks

#### 1.1.1 Subgrade

- Subgrade was approved for SLF placement. Approved subgrade areas can be found in [Figure 1](#).

#### 1.1.2 Structural Fill

A KTI dozer spread structural fill in two foot thick lifts at the fill area in the channel along the eastern section of the Phase 2 tie in. Each lift was compacted by three passes (one pass = forward and backward) of a smooth drum vibratory roller.

#### 1.1.3 Soil Liner Fill

KTI and JHL continued placing SLF on the flat areas and channel between the VLF2 Phase 2 tie in and the Schist Island Haul Road. Loaders loaded SLF material into haul trucks at the Lower Dump 1 stockpile, which was then delivered to dozers. The SLF was placed in a minimum 12" thick layer and compacted with the smooth drum vibratory roller. In most areas, the SLF layer was placed greater than 12" and trimmed down to design thickness prior to compaction. The SLF placement areas are shown in [Figure 2](#).





- The SLF was approved as liner was deployed. 270,714 square feet of SLF was approved for liner.
- NewFields conducted 25 nuclear densometer tests on the finished SLF within the PSSA, all of which met specifications.

#### **1.1.4 Leak Detection Fill**

No leak detection construction was completed during the week.

#### **1.1.5 Anchor Trench**

Approximately 1,440 feet of new anchor trench was constructed along the northern limits of the Stage 3 Stage A footprint using mini excavators.

### **1.2 Geosynthetics**

Tetra Tech continued deployment of textured 80-mil LLDPE geomembrane. The edges of the geomembrane were secured with sandbags and rolls of liner. The panel deployment is shown in **Figure 3**.

- 270,714 square feet of liner was deployed.
- 14,122 linear feet of liner was fusion welded using two to three wedge welding machines and two to three operators.
- 34 destructive tests were marked. 26 destructive samples were tested and passed on fusion welds. 4 destructive samples were tested and passed on extrusion welds.
- Fusion welded seams were pressure tested.
- Some repairs were performed and vacuum tested.

### **1.3 Laboratory Testing**

NewFields continued permeability testing on SLF samples, and continued laboratory testing on DCF samples.

## **2.0 MEETINGS AND COMMUNICATIONS**

- NewFields personnel attended the daily safety meetings at 7:00 A.M. on Monday, and at 6:00 A.M. the rest of the week.
- NewFields personnel attended the weekly owners meeting with CC&V, JHL and KTI.



### 3.0 MISCELLANEOUS, ISSUES, AND CONCERNS

➤ None.

### 4.0 PHOTOGRAPHS



**July 12, 2023 – Density testing of SLF material in schist flats**



**July 12, 2023 – Deployment of LLDPE in schist flats**



**July 13, 2023 – Finish rolling of SLF in front of deployment of LLDPE**





***Report Review and Approval:***

Role	Name	Signature
<b>CQA Monitor/Report Prepared By</b>	<b>Tyler Wendlandt</b>	<i>Tyler Wendlandt</i>
<b><i>Or CQA Designee</i></b>		
<b>Project Engineer</b>	<b>Jeff Gaul</b>	
<b><i>Or Projects Designee</i></b>	John Sperry	<i>John R. Sperry</i>

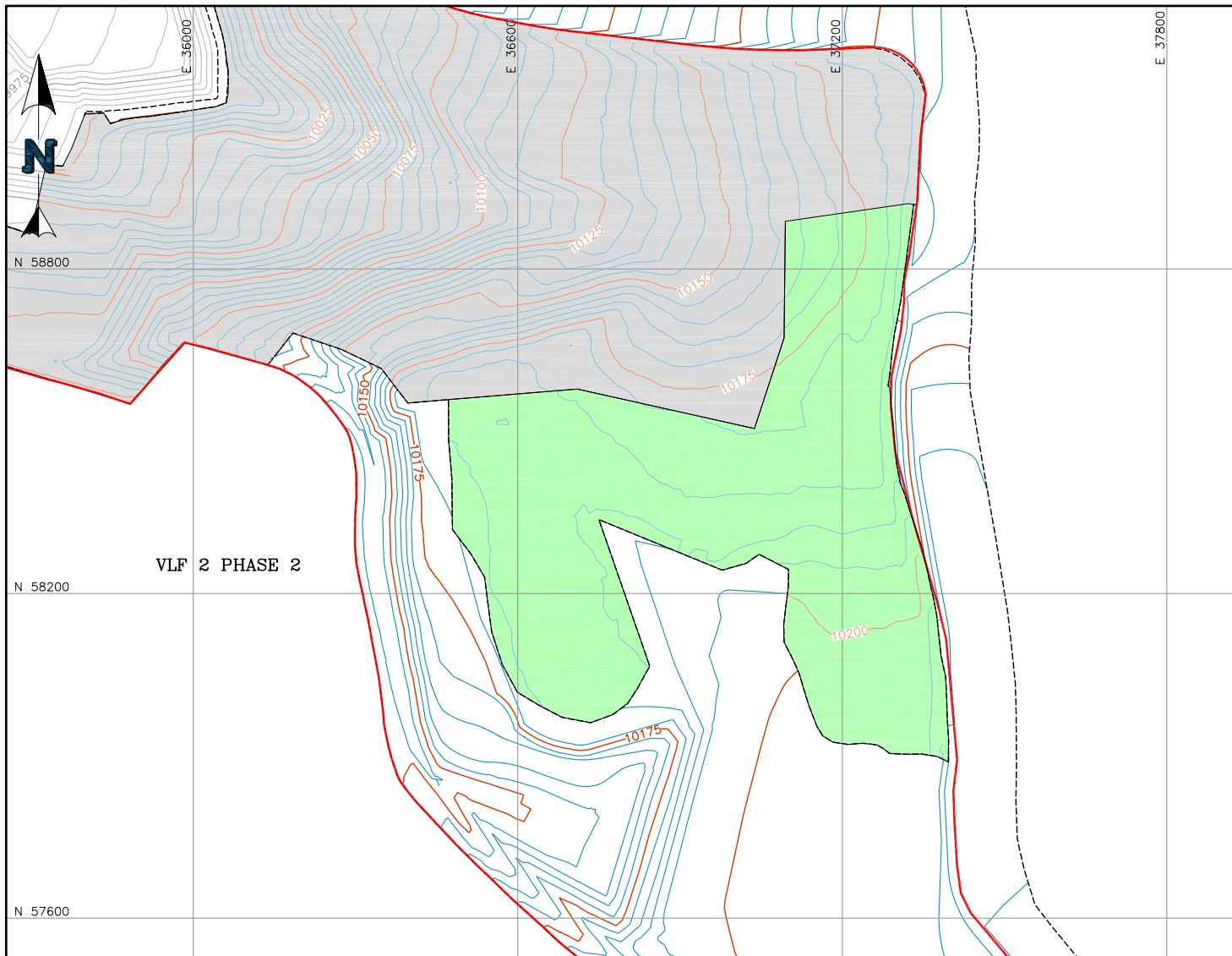
**Attachments:**

Figure 1 – Subgrade Acceptance Areas

Figure 2 – SLF Placement Week Ending 07.14.2023

Figure 3 – Geomembrane Deployment Week Ending 07.14.2022

P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\Figs\0106.060.012F.dwg-8/29/2023 4:08 PM



**LEGEND:**

- 2022 PSSA SUBGRADE CONTOURS
- PROPOSED SUBGRADE CONTOURS
- 7.10.23 SUBGRADE CONTOURS
- CURRENT SUBGRADE APPROVAL
- PREVIOUS SUBGRADE APPROVAL
- VLF 2 PHASE 3 STAGE A LIMITS

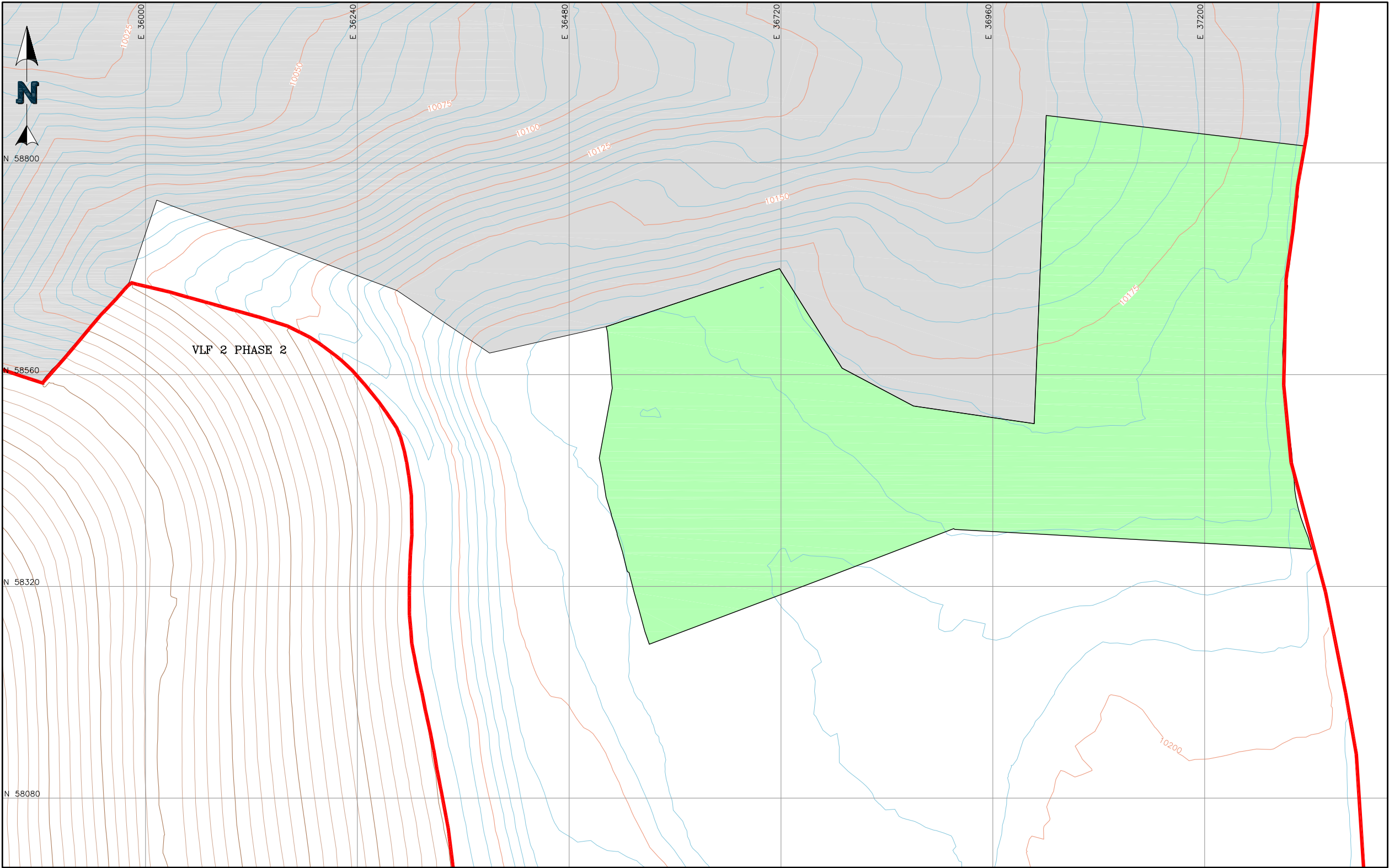


CLIENT **CRIPPLE CREEK & VICTOR  
GOLD MINING COMPANY**

PROJECT **VLF 2 PHASE 3**

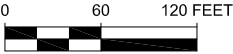
TITLE <b>SUBGRADE ACCEPTANCE FORM - 07.10.2023</b>	FILENAME 0106.060.012F	
	FIGURE NO. <b>1</b>	REVISION


P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.029F.dwg-8/29/2023 12:16 PM



**LEGEND:**

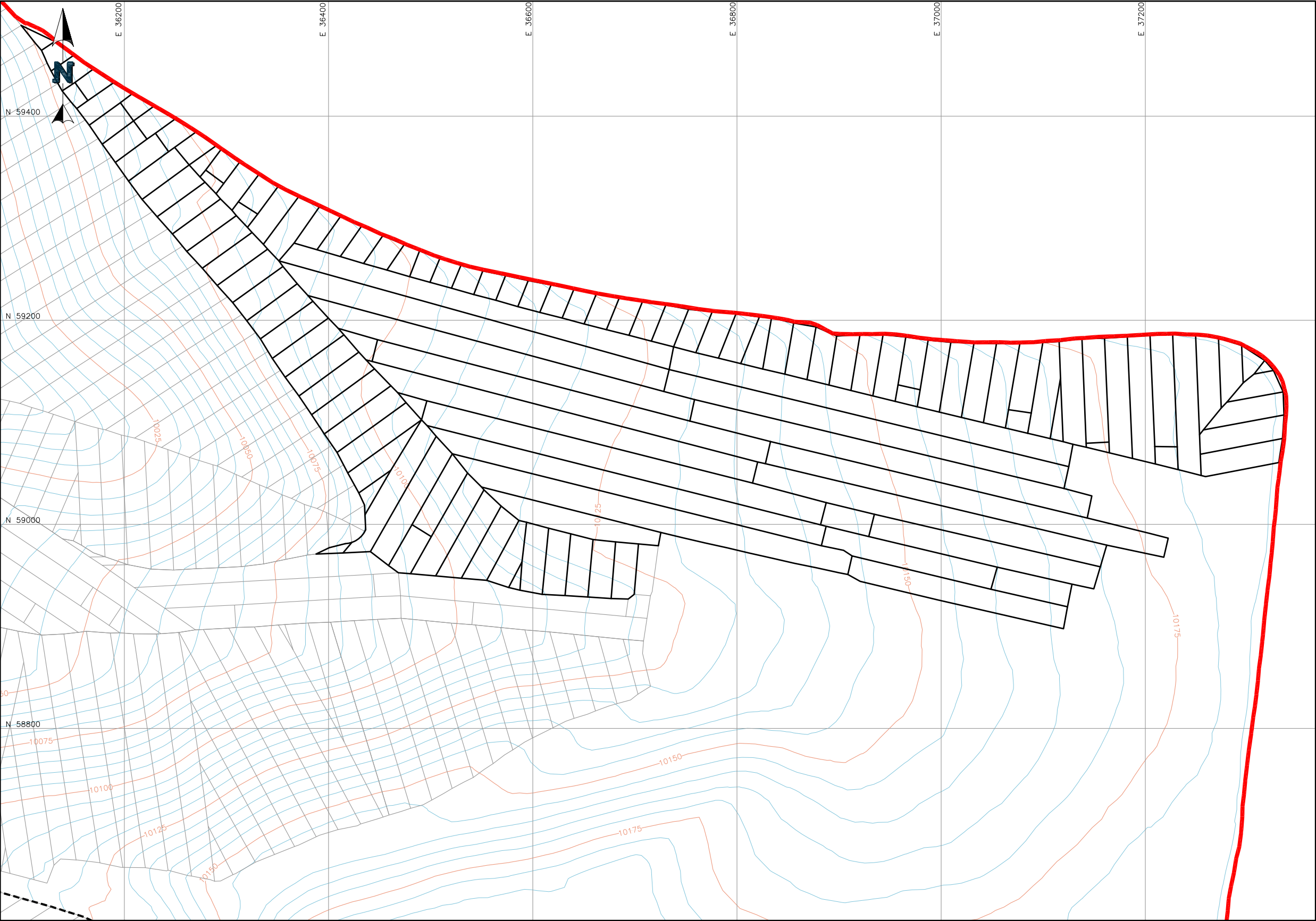
- 2022 PSSA SLF CONTOURS
- 2023 SUBGRADE CONTOURS
- VLF2 PHASE 2 SLF CONTOURS
- SLF PLACEMENT WEEK ENDING 07.14.2023
- PREVIOUS SLF PLACEMENT
- VLF 2 PHASE 3 STAGE A LIMITS



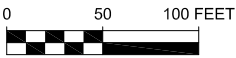
		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		VLF 2 PHASE 3	
TITLE	SLF PLACEMENT WEEK ENDING 07.14.2023	FILENAME 0106.060.029F	
		FIGURE NO. 2	REVISION




P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.021F.dwg-8/29/2023 2:44 PM



- LEGEND:**
- STAGE A.2 AS-BUILT SLF CONTOURS
  - VLF 2 PHASE 3 STAGE A LIMITS
  - VLF 2 PHASE 2 LIMITS
  - STAGE A.1 GEOMEMBRANE LIMITS
  - 80-MIL GEOMEMBRANE DEPLOYMENT WEEK ENDING 6.16.2023
  - PREVIOUS GEOMEMBRANE DEPLOYMENT



		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		VLF 2 PHASE 3	
TITLE	GEOMEMBRANE DEPLOYMENT WEEK ENDING 7.14.23	FILENAME 0106.060.021F	
		FIGURE NO. 3	REVISION



## FIELD WEEKLY PROGRESS REPORT

**PROJECT:** VALLEY LEACH FACILITY 2 PHASE 3 2023 QUALITY ASSURANCE OVERSIGHT  
**SITE:** CRIPPLE CREEK & VICTOR GOLD MINE (COLORADO)  
**CONTRACTOR:** NEWMONT CC&V MINING OPERATIONS  
JHL CONSTRUCTORS  
KELLEY TRUCKING INC.  
**WEEK ENDING:** FRIDAY, JULY 21, 2023

**REPORTING PERIOD: 07.15.2023 THROUGH 07.21.2023**

Days	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Work Shifts – JHL/KTI	D	-	D	D	D	D	D
D – DAYSHIFT		N – NIGHTSHIFT			W – WEATHER		

### AMBIENT TEMPERATURE RANGES AND WEATHER CONDITIONS:

HIGHS: 76°F TO 81°F  
LOWS: 54°F TO 58°F  
CLOUD COVER: PARTLY CLOUDY  
PRECIPITATION: 0.00"  
WIND: WIND GUSTS UP TO 24 MPH



## NEWFIELDS PERSONNEL ONSITE:

Personnel	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Jul. 15	Jul. 16	Jul. 17	Jul. 18	Jul. 19	Jul. 20	Jul. 21
Jay Moore	-	-	-	-	-	-	-
Tyler Wendlandt	PR	-	PR	PR	PR	PR	PR
Ryan Hunt	-	-	LS	LS	LS	LS	LS
Ben Melly	-	-	-	-	-	-	-
Henry Walsh	GT	-	GT	GT	GT	GT	GT
Kenneth Edge	-	-	GT	GT	GT	ST	ST
Micheal Wietzel	GT	-	GT	GT	GT	GT	GT
Darren Oseiasamoah	-	-	LT	LT	LT	LT	LT
PR – Project Resident; LS – Lead Soils Technician; LG – Lead Geosynthetics; ST – Soils Technician; GT - Geosynthetics Technician; LT – Laboratory Technician; PCE – Project Certifying Engineer							

## 1.0 CONTRACTOR OPERATIONS

### 1.1 Earthworks

#### 1.1.1 Subgrade

- No subgrade was approved during the week.

#### 1.1.2 Structural Fill

A KTI dozer spread structural fill in two foot thick lifts at the fill area in the topsoil triangle. Each lift was compacted by three passes (one pass = forward and backward) of a smooth drum vibratory roller.

#### 1.1.3 Soil Liner Fill

No Soil Liner Fill was hauled during the week.

- The SLF was approved as liner was deployed. 205,613 square feet of SLF was approved for liner.
- NewFields conducted 20 nuclear densometer tests on the finished SLF within the PSSA, all of which met specifications.

#### 1.1.4 Leak Detection Fill

No leak detection construction was completed during the week.





#### **1.1.5 Drain Cover Fill**

Newmont operations began deliveries of the crushed Drain Cover Fill Ore to a local stockpile near the VLF2 P3 footprint.

#### **1.1.6 Anchor Trench**

Approximately 340 feet of new anchor trench was constructed along the PSSA crest using mini excavators.

### **1.2 Geosynthetics**

Tetra Tech continued deployment of textured 80-mil LLDPE geomembrane. The edges of the geomembrane were secured with sandbags and rolls of liner. The panel deployment is shown in **Figure 1**.

- 205,613 square feet of liner was deployed.
- 10,808 linear feet of liner was fusion welded using two to three wedge welding machines and two to three operators.
- 22 destructive tests were marked. 39 destructive samples were tested and passed on fusion welds. 4 destructive samples were tested and passed on extrusion welding.
- Fusion welded seams were pressure tested.
- Some repairs were performed and vacuum tested.

### **1.3 Laboratory Testing**

NewFields continued permeability testing on SLF samples, and continued laboratory testing on DCF samples.

## **2.0 MEETINGS AND COMMUNICATIONS**

- NewFields personnel attended the daily safety meetings at 7:00 A.M. on Monday, and at 6:00 A.M. the rest of the week.
- NewFields personnel attended the weekly owners meeting with CC&V, JHL and KTI.

## **3.0 MISCELLANEOUS, ISSUES, AND CONCERNS**

- None.



#### 4.0 PHOTOGRAPHS



**July 17, 2023 – Fusion welding of LLDPE at bottom of turkey ridge HCBF**



**July 18, 2023 – Placement of SLF on approved subgrade in the flat**





**July 19, 2023 – Finish rolling of SLF in front of LLDPE deployment**



**July 20, 2023 – DCF placement startup over approved LLDPE across the honda**





**July 21, 2023 – Progress of DCF material placement over approved geomembrane**



***Report Review and Approval:***

Role	Name	Signature
<b>CQA Monitor/Report Prepared By</b>	<b>Tyler Wendlandt</b>	<i>Tyler Wendlandt</i>
<b><i>Or CQA Designee</i></b>		
<b>Project Engineer</b>	<b>Jeff Gaul</b>	
<b><i>Or Projects Designee</i></b>	John Sperry	<i>John R. Sperry</i>

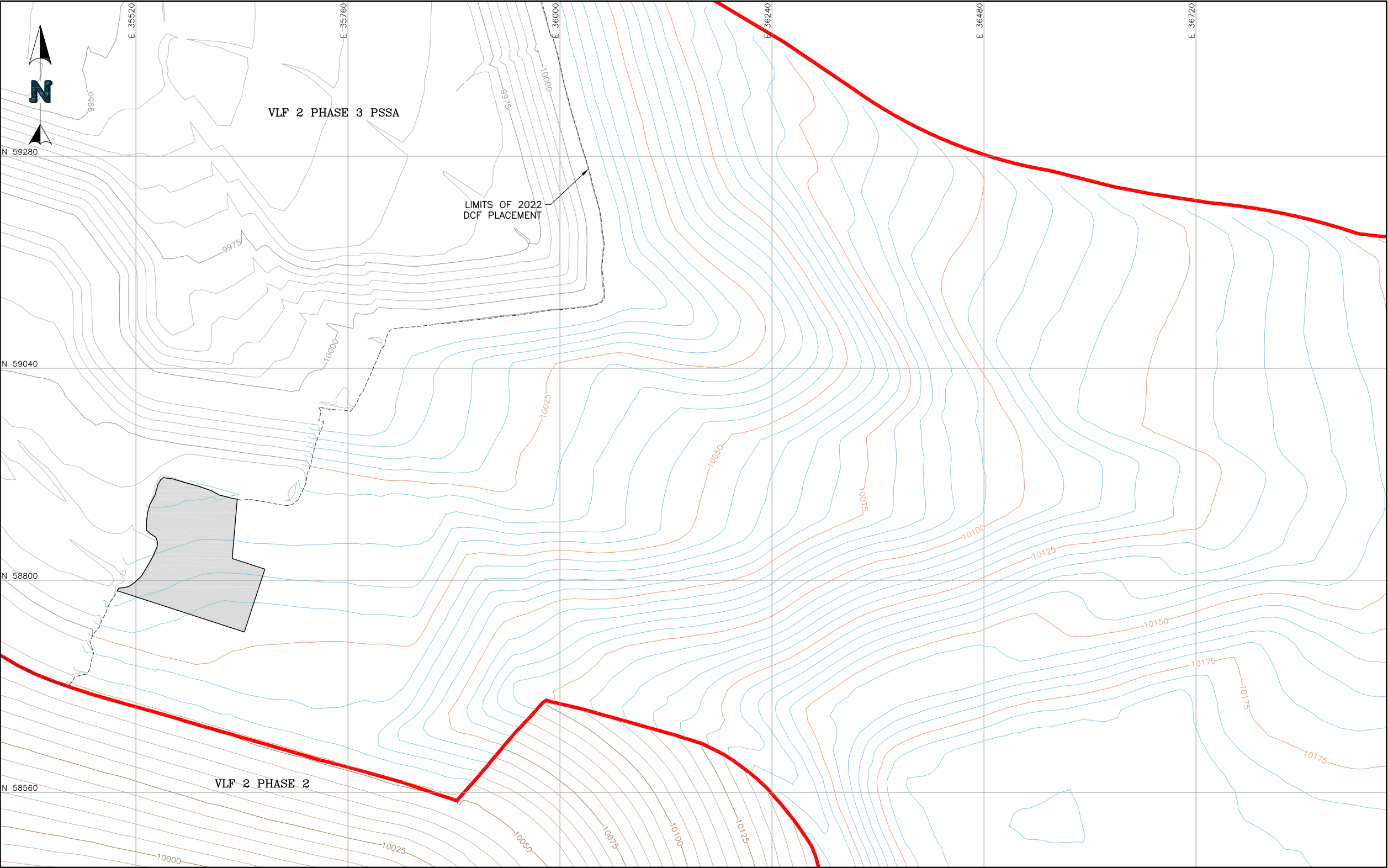
**Attachments:**

Figure 1 –Geomembrane Deployment Week Ending 07.21.2023

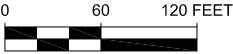




P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.049F.dwg-10/4/2023 9:15 AM



- LEGEND:**
- 2022 PSSA DCF CONTOURS
  - 2023 SLF CONTOURS
  - VLF2 PHASE 2 SLF CONTOURS
  - DCF PLACEMENT WEEK ENDING 07.21.2023
  - PREVIOUS DCF PLACEMENT
  - VLF 2 PHASE 3 STAGE A LIMITS



NewFields		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		VLF 2 PHASE 3	
TITLE	DCF PLACEMENT WEEK ENDING 07.21.2023	FILENAME 0106.060.049F	
		FIGURE NO. 2	REVISION



## FIELD WEEKLY PROGRESS REPORT

**PROJECT:** VALLEY LEACH FACILITY 2 PHASE 3 2023 QUALITY ASSURANCE OVERSIGHT  
**SITE:** CRIPPLE CREEK & VICTOR GOLD MINE (COLORADO)  
**CONTRACTOR:** NEWMONT CC&V MINING OPERATIONS  
JHL CONSTRUCTORS  
KELLEY TRUCKING INC.  
**WEEK ENDING:** FRIDAY, JULY 28, 2023

---

**REPORTING PERIOD: 07.22.2023 THROUGH 07.28.2023**

Days	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Work Shifts – JHL/KTI	D	-	D	D	D	D	D
D – DAYSHIFT		N – NIGHTSHIFT			W – WEATHER		

---

### AMBIENT TEMPERATURE RANGES AND WEATHER CONDITIONS:

HIGHS: 77°F TO 85°F  
LOWS: 51°F TO 61°F  
CLOUD COVER: PARTLY CLOUDY  
PRECIPITATION: 0.41"  
WIND: WIND GUSTS UP TO 35 MPH

---



## NEWFIELDS PERSONNEL ONSITE:

Personnel	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Jul. 22	Jul. 23	Jul. 24	Jul. 25	Jul. 26	Jul. 27	Jul. 28
Jay Moore	-	-	-	-	-	-	-
Tyler Wendlandt	PR	-	PR	PR	PR	PR	PR
Roxanne Li	-	-	LS	LS	LS	LS	LS
Ben Melly	-	-	LG	LG	LG	LG	LG
Henry Walsh	GT	-	GT	GT	GT	GT	GT
Kenneth Edge	-	-	ST	ST	ST	ST	ST
Micheal Wietzel	GT	-	GT	GT	GT	GT	GT
Jacob Lacy	-	-	-	-	-	ST	ST
Darren Oseiasamoah	GT	-	LT	LT	LT	LT	LT
PR – Project Resident; LS – Lead Soils Technician; LG – Lead Geosynthetics; ST – Soils Technician; GT – Geosynthetics Technician; LT – Laboratory Technician; PCE – Project Certifying Engineer							

## 1.0 CONTRACTOR OPERATIONS

### 1.1 Earthworks

#### 1.1.1 Subgrade

- Subgrade was approved for SLF placement. Approved subgrade areas can be found in Figure 1.

#### 1.1.2 Structural Fill

A KTI dozer spread structural fill in two foot thick lifts at the fill area in the channel along the eastern section of the Phase 2 tie in. Each lift was compacted by three passes (one pass = forward and backward) of a smooth drum vibratory roller.

#### 1.1.3 Soil Liner Fill

No soil liner fill was hauled during the week.

- The SLF was approved as liner was deployed. 294,402 square feet of SLF was approved for liner.
- NewFields conducted 24 nuclear densometer tests on the finished SLF within the PSSA, all of which met specifications.





#### **1.1.4 Leak Detection Fill**

No leak detection construction was completed during the week.

#### **1.1.5 Drain Cover Fill**

Newmont operations continued deliveries of the crushed Drain Cover Fill Ore to a local stockpile near the VLF2 P3 footprint on an as needed basis.

High volume collection piping was placed per design on the geomembrane. Survey marked out the pipe alignments, and personnel placed the various sized perforated pipe on the marks as required. Survey verified pipe placement as DCF began and advanced.

KTI and JHL began placing Drain Cover Fill in the VLF2 P3 footprint. Loaders loaded DCF material into haul trucks at the local stockpile, which was then delivered to approved LGP dozers. The DCF material was placed in four foot thick loose lifts for access roads and two foot thick loose lifts for finish grading. GPS dozer placement files were set at two to four tenths over minimum thicknesses to ensure minimum grades were maintained during placement.

JHL personnel continued to monitor DCF lift thicknesses and HVSC piping placement. Personnel shoveled DCF material to control LLDPE surface wrinkles and keep HVSC piping in place.

NewFields personnel monitored dozers as DCF placement progressed for quality assurance.

#### **1.1.6 Anchor Trench**

Approximately 390 feet of new anchor trench was constructed along the PSSA crest using mini excavators.

### **1.2 Geosynthetics**

Tetra Tech continued deployment of textured 80-mil LLDPE geomembrane. The edges of the geomembrane were secured with sandbags and rolls of liner. The panel deployment is shown in [Figure 2](#).

- 294,402 square feet of liner was deployed.
- 13,620 linear feet of liner was fusion welded using two to three wedge welding machines and two to three operators.
- 31 destructive tests were marked. 44 destructive samples were tested and passed on fusion welds. 5 destructive samples were tested and passed on extrusion welds.



- Fusion welded seams were pressure tested.
- Some repairs were performed and vacuum tested.

### **1.3 Laboratory Testing**

NewFields continued permeability testing on SLF samples, and continued laboratory testing on DCF samples.

## **2.0 MEETINGS AND COMMUNICATIONS**

- NewFields personnel attended the daily safety meetings at 7:00 A.M. on Monday, and at 6:00 A.M. the rest of the week.
- NewFields personnel attended the weekly owners meeting with CC&V, JHL and KTI.

## **3.0 MISCELLANEOUS, ISSUES, AND CONCERNS**

- None.

## **4.0 PHOTOGRAPHS**



**July 25th, 2023 – Placement of DCF material on the backfill ramp**



**July 25, 2023 – Deployment of LLDPE above the backfill ramp**



**July 25, 2023 – Density testing of SLF material above the backfill ramp**





**July 27, 2023 – Construction of LDT2 with 40-mil HDPE above topsoil triangle**



***Report Review and Approval:***

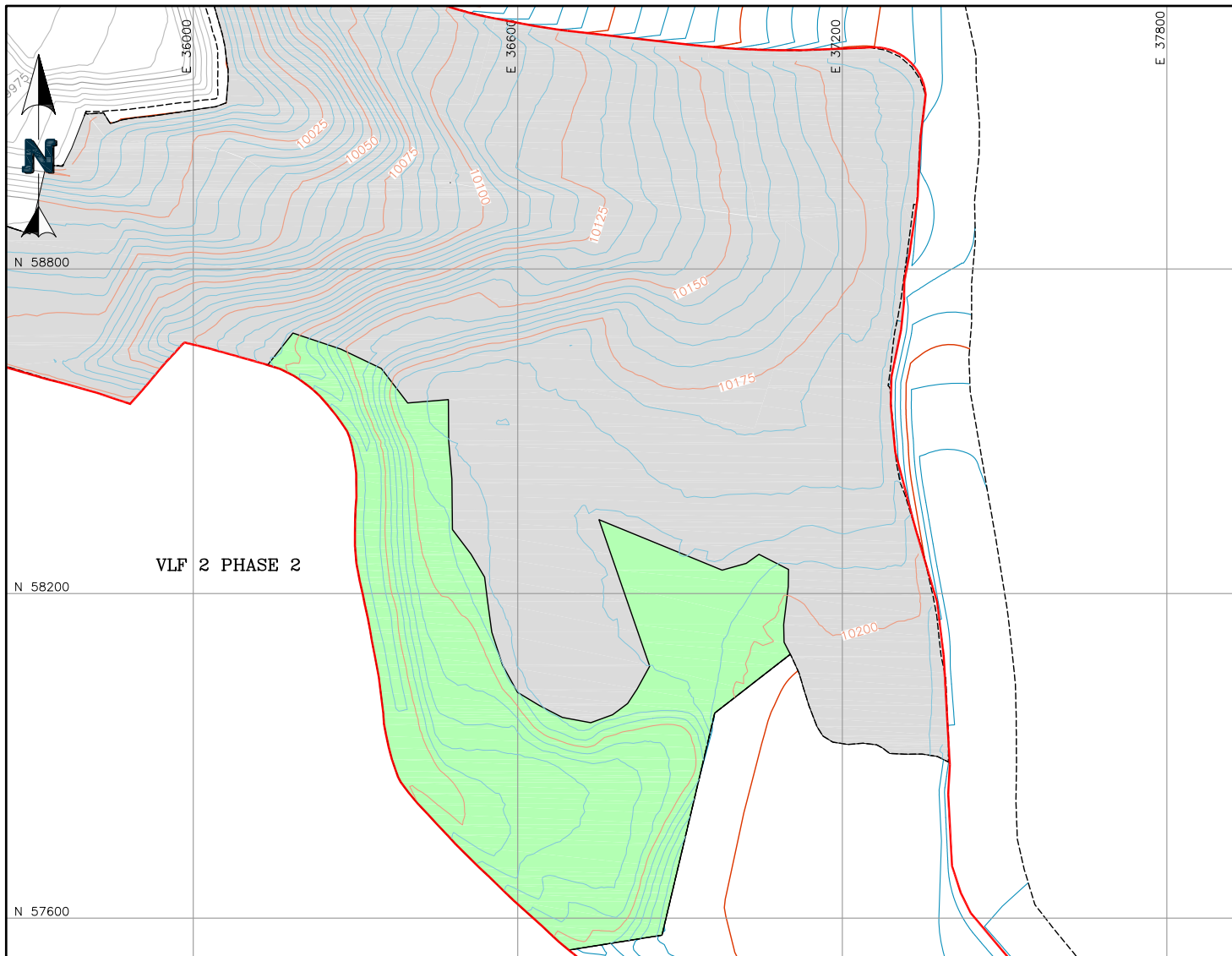
<b>Role</b>	<b>Name</b>	<b>Signature</b>
<b>CQA Monitor/Report Prepared By</b>	<b>Tyler Wendlandt</b>	<i>Tyler Wendlandt</i>
<b><i>Or CQA Designee</i></b>		
<b>Project Engineer</b>	<b>Jeff Gaul</b>	
<b><i>Or Projects Designee</i></b>	John Sperry	<i>John R. Sperry</i>

**Attachments:**







Figure 1 – Subgrade Acceptance 07.26.2023

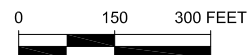
Figure 2 – Geomembrane Deployment Week Ending 07.28.2023


P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\Figs\0106.060.013F.dwg-8/29/2023 4:19 PM



**LEGEND:**

-  2022 PSSA SUBGRADE CONTOURS
-  PROPOSED SUBGRADE CONTOURS
-  7.26.23 SUBGRADE CONTOURS
-  CURRENT SUBGRADE APPROVAL
-  PREVIOUS SUBGRADE APPROVAL
-  VLF 2 PHASE 3 STAGE A LIMITS

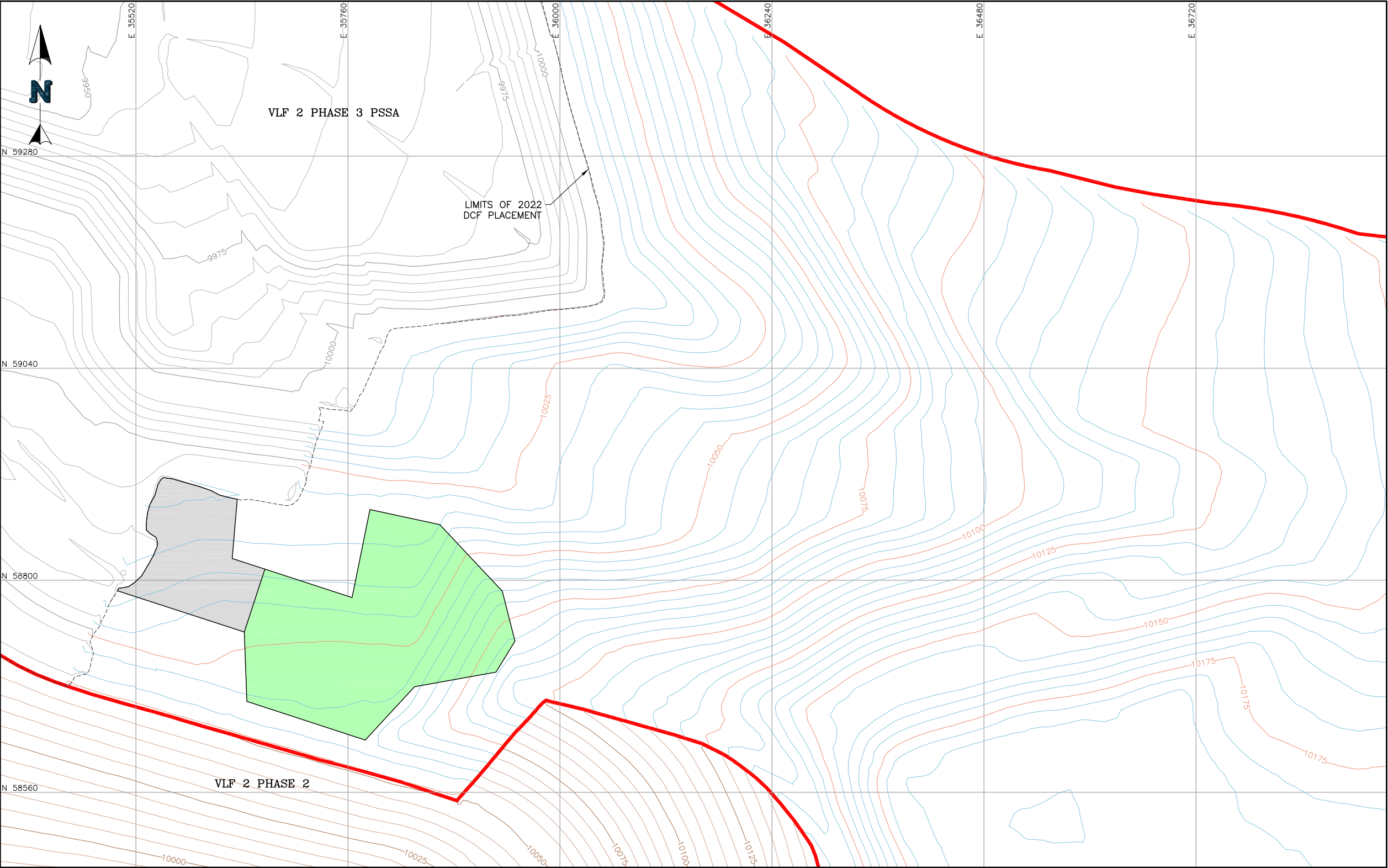


	CLIENT	CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
	PROJECT	VLF 2 PHASE 3	
TITLE	SUBGRADE ACCEPTANCE FORM - 07.26.2023		FILENAME 0106.060.013F
	FIGURE NO.	REVISION	
	1		





P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.50F.dwg-10/4/2023 9:16 AM



- LEGEND:**
- 2022 PSSA DCF CONTOURS
  - 2023 SLF CONTOURS
  - VLF2 PHASE 2 SLF CONTOURS
  - DCF PLACEMENT WEEK ENDING 07.28.2023
  - PREVIOUS DCF PLACEMENT
  - VLF 2 PHASE 3 STAGE A LIMITS



		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		VLF 2 PHASE 3	
TITLE	DCF PLACEMENT WEEK ENDING 07.28.2023	FILENAME 0106.060.50F	
		FIGURE NO. 4	REVISION



## FIELD WEEKLY PROGRESS REPORT

**PROJECT:** VALLEY LEACH FACILITY 2 PHASE 3 2023 QUALITY ASSURANCE OVERSIGHT  
**SITE:** CRIPPLE CREEK & VICTOR GOLD MINE (COLORADO)  
**CONTRACTOR:** NEWMONT CC&V MINING OPERATIONS  
JHL CONSTRUCTORS  
KELLEY TRUCKING INC.  
**WEEK ENDING:** FRIDAY, AUGUST 04, 2023

---

**REPORTING PERIOD: 07.29.2023 THROUGH 08.04.2023**

Days	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Work Shifts – JHL/KTI	-	-	D	D	D	D	D
D – DAYSHIFT		N – NIGHTSHIFT			W – WEATHER		

---

### AMBIENT TEMPERATURE RANGES AND WEATHER CONDITIONS:

HIGHS: 75°F TO 81°F  
LOWS: 42°F TO 51°F  
CLOUD COVER: PARTLY CLOUDY  
PRECIPITATION: 1.57"  
WIND: WIND GUSTS UP TO 32 MPH





## NEWFIELDS PERSONNEL ONSITE:

Personnel	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Jul. 29	Jul. 30	Jul. 31	Aug. 1	Aug. 2	Aug. 3	Aug. 4
Jay Moore	-	-	-	-	-	-	-
Tyler Wendlandt	PR	-	PR	PR	PR	PR	-
Ryan Hunt	-	-	LS	LS	LS	LS	LS
Ben Melly	LG	-	LG	LG	LG	LG	LG
Henry Walsh	-	-	GT	GT	GT	GT	GT
Kenneth Edge	GT	-	ST	ST	ST	LT	LT
Micheal Wietzel	-	-	GT	GT	GT	GT	GT
Jacob Lacy	-	-	-	-	-	-	ST
Darren Oseiasamoah	GT	-	LT	LT	LT	ST	ST
PR – Project Resident; LS – Lead Soils Technician; LG – Lead Geosynthetics; ST – Soils Technician; GT - Geosynthetics Technician; LT – Laboratory Technician; PCE – Project Certifying Engineer							

## 1.0 CONTRACTOR OPERATIONS

### 1.1 Earthworks

#### 1.1.1 Subgrade

- Subgrade was approved for SLF placement. Approved subgrade areas can be found in [Figure 1](#).

#### 1.1.2 Structural Fill

A KTI dozer spread structural fill in two foot thick lifts at the fill area in the channel along the eastern section of the Phase 2 tie in. Each lift was compacted by three passes (one pass = forward and backward) of a smooth drum vibratory roller.

#### 1.1.3 Soil Liner Fill

KTI and JHL continued placing SLF on the flat areas and channel between the VLF2 Phase 2 tie in and the Schist Island Haul Road. Loaders loaded SLF material into haul trucks at the Lower Dump 1 stockpile, which was then delivered to dozers. The SLF was placed in a minimum 12" thick layer and compacted with the smooth drum vibratory roller. In most areas, the SLF layer was placed greater than 12" and trimmed down to design thickness prior to compaction. The SLF placement areas are shown in [Figure 2](#).



- The SLF was approved as liner was deployed. 269,702 square feet of SLF was approved for liner.
- NewFields conducted 24 nuclear densometer tests on the finished SLF within the PSSA, all of which met specifications.

#### **1.1.4 Leak Detection Fill**

JHL completed leak detection trench (LDT 2) construction during the week. An excavator excavated the trench to grade with assistance from ground personnel. Once the ground personnel verified rough grade and trench dimensions 40-mil HDPE geomembrane was placed lining the trench. After the 40-mil HDPE installation the 12oz non-woven geotextile was placed. A 4" diameter CPe pipe was ran along the trench, Leak Detection Fill was placed, and the geotextile closed around the Leak Detection Fill. Leftover LVSCF from Stage A.1 was placed as backfill in a 1' loose lift over the top of the geotextile wrap as protection before the slope was regraded and re-compacted.

#### **1.1.5 Drain Cover Fill**

Newmont operations continued deliveries of the crushed Drain Cover Fill Ore to a local stockpile near the VLF2 P3 footprint on an as needed basis.

KTI and JHL continued placing Drain Cover Fill in the VLF2 P3 footprint. Loaders loaded DCF material into haul trucks at the local stockpile, which was then delivered to approved LGP dozers. The DCF material was placed in four foot thick loose lifts for access roads and two foot thick loose lifts for finish grading. GPS dozer placement files were set at two to four tenths over minimum thicknesses to ensure minimum grades were maintained during placement.

JHL personnel continued to monitor DCF lift thicknesses and HVSC piping placement. Personnel shoveled DCF material to control LLDPE surface wrinkles and keep HVSC piping in place.

NewFields personnel monitored dozers as DCF placement progressed for quality assurance.

#### **1.1.6 Anchor Trench**

Approximately 244 feet of new anchor trench was constructed along the PSSA crest using mini excavators.



## **1.2 Geosynthetics**

Tetra Tech continued deployment of textured 80-mil LLDPE geomembrane. The edges of the geomembrane were secured with sandbags and rolls of liner. The panel deployment is shown in **Figure 3**.

- 269,702 square feet of liner was deployed.
- 13,498 linear feet of liner was fusion welded using two to three wedge welding machines and two to three operators.
- 30 destructive tests were marked. 29 destructive samples were tested and passed on fusion welds. 2 destructive samples were tested and passed on an extrusion weld.
- Fusion welded seams were pressure tested.
- Repairs were performed and vacuum tested.

## **1.3 Laboratory Testing**

NewFields continued permeability testing on SLF samples, and continued laboratory testing on DCF samples.

## **2.0 MEETINGS AND COMMUNICATIONS**

- NewFields personnel attended the daily safety meetings at 7:00 A.M. on Monday, and at 6:00 A.M. the rest of the week.
- NewFields personnel attended the weekly owners meeting with CC&V, JHL and KTI.

## **3.0 MISCELLANEOUS, ISSUES, AND CONCERNS**

- None.





#### 4.0 PHOTOGRAPHS



**July 31, 2023 – Density/Moisture testing of SLF**



**July 31, 2023 – Placement, grading and compaction of SLF**





**July 31, 2023 – Construction of LDT2**

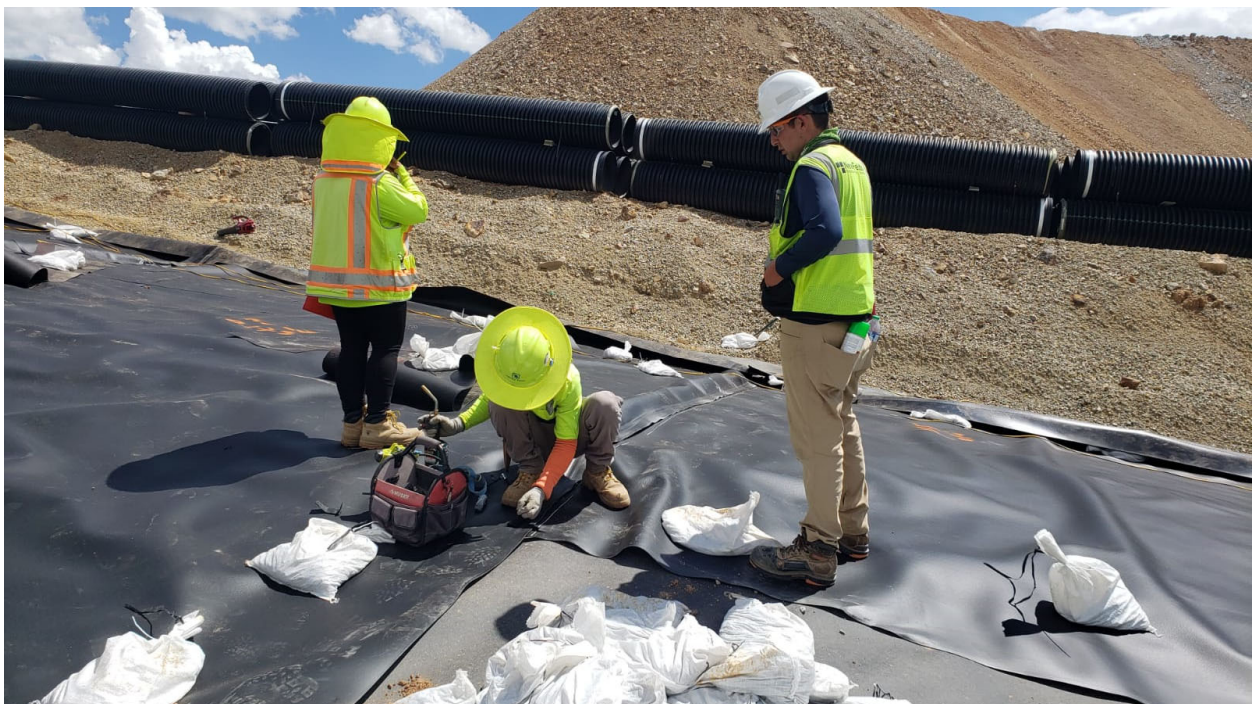


**August 2, 2023 – Deployment of geomembrane with DCF ballast placement**





**August 3, 2023 – Deployment of geomembrane**



**August 4, 2023 – Pressure testing of geomembrane fusion welded seams**





***Report Review and Approval:***

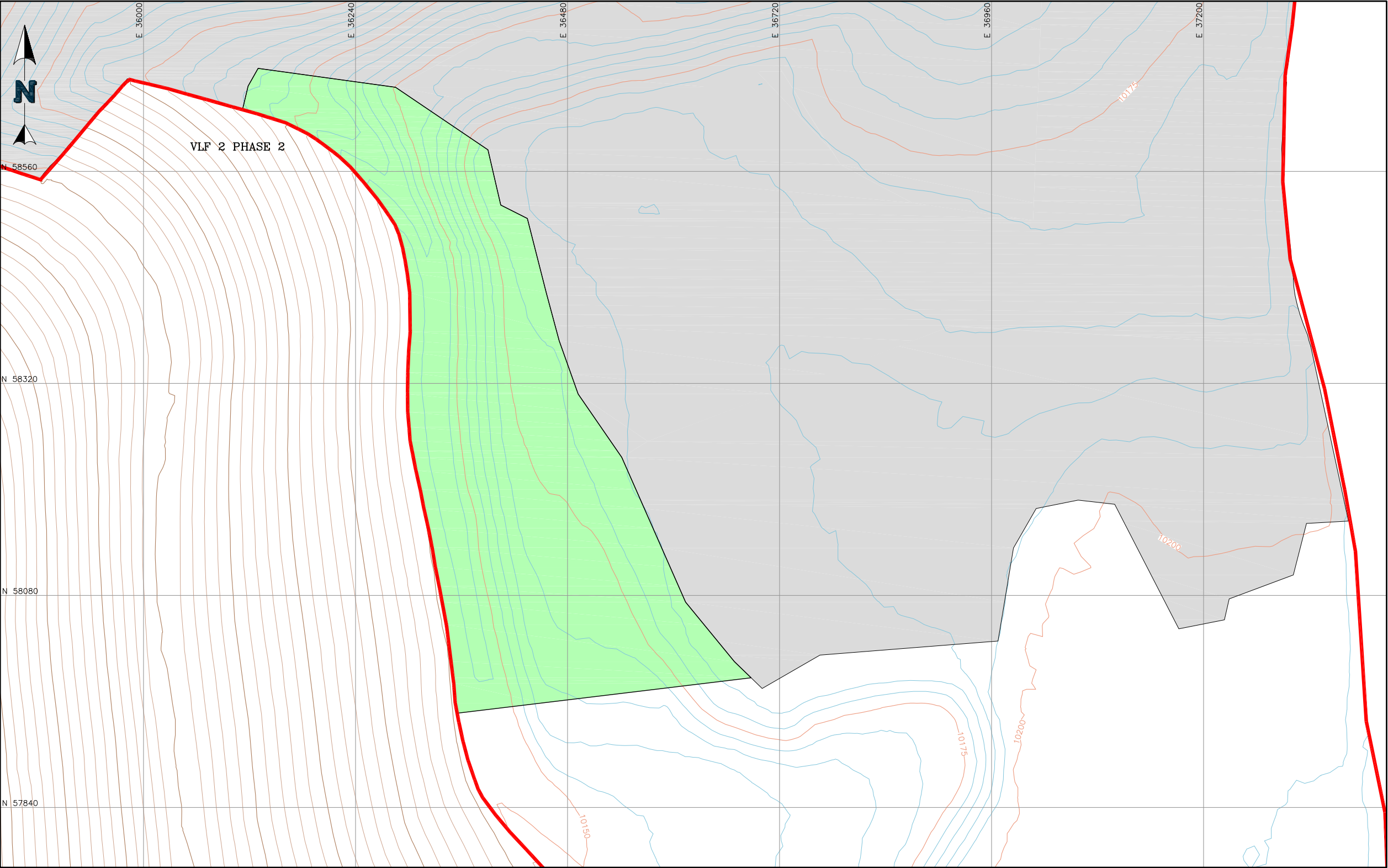
Role	Name	Signature
<b>CQA Monitor/Report Prepared By</b>	<b>Tyler Wendlandt</b>	<i>Tyler Wendlandt</i>
<b><i>Or CQA Designee</i></b>		
<b>Project Engineer</b>	<b>Jeff Gaul</b>	
<b><i>Or Projects Designee</i></b>	John Sperry	<i>John R. Sperry</i>

**Attachments:**


Figure 1 – SLF Placement Week Ending 08.04.2023

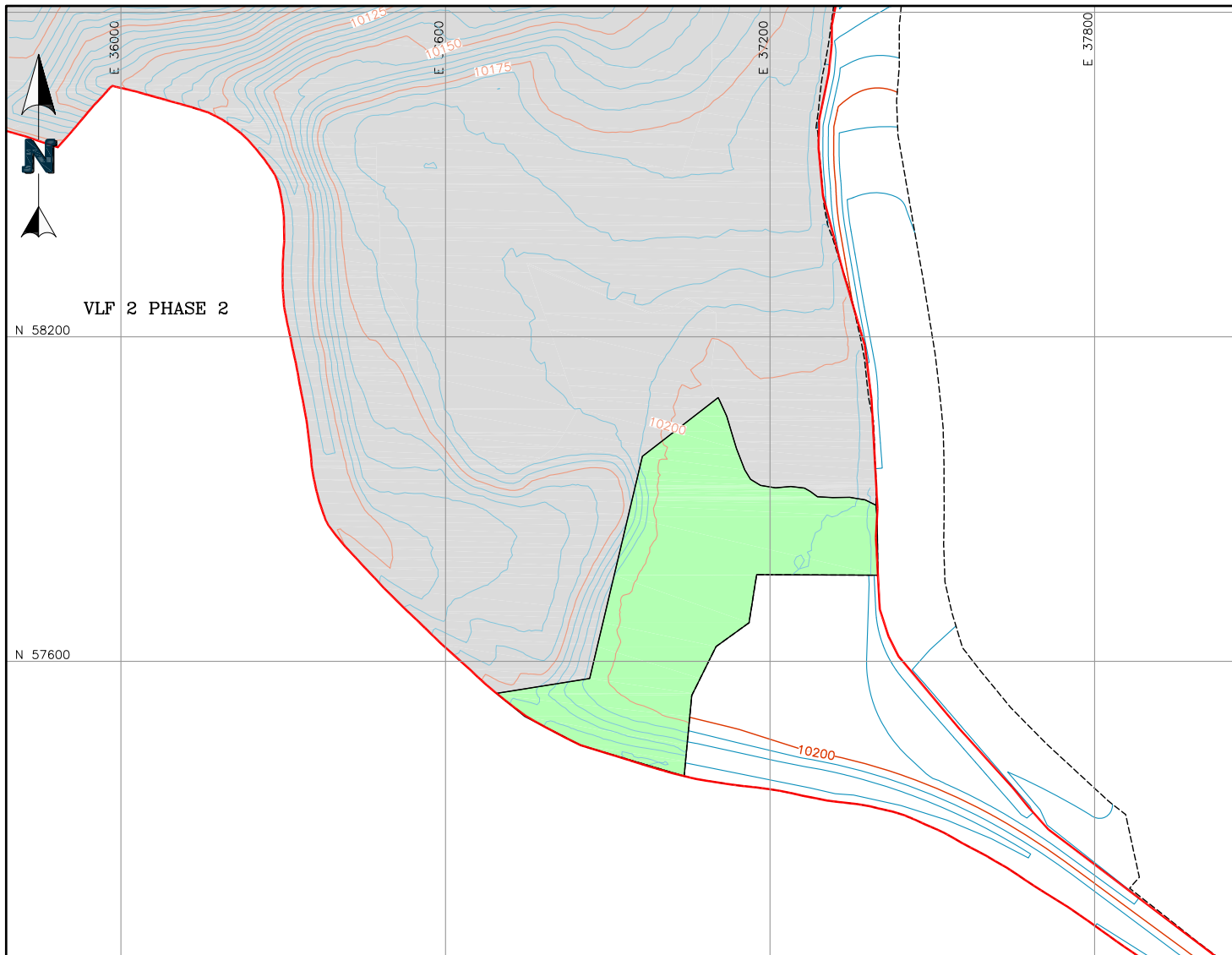
Figure 2 – Geomembrane Deployment Week Ending 08.04.2023

P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.038F.dwg-9/11/2023 2:36 PM



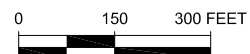
- LEGEND:**
- 2022 PSSA SLF CONTOURS
  - 2023 SUBGRADE CONTOURS
  - VLF2 PHASE 2 SLF CONTOURS
  - SLF PLACEMENT WEEK ENDING 08.04.2023
  - PREVIOUS SLF PLACEMENT
  - VLF 2 PHASE 3 STAGE A LIMITS

		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		VLF 2 PHASE 3	
TITLE	SLF PLACEMENT WEEK ENDING 08.04.2023	FILENAME	
		0106.060.038F	
		FIGURE NO. 2	REVISION



LEGEND:

- 
- 2022 PSSA SUBGRADE CONTOURS
- PROPOSED SUBGRADE CONTOURS
- 8.4.23 SUBGRADE CONTOURS
- CURRENT SUBGRADE APPROVAL
- PREVIOUS SUBGRADE APPROVAL
- VLF 2 PHASE 3 STAGE A LIMITS



CLIENT	<b>CRIPPLE CREEK &amp; VICTOR GOLD MINING COMPANY</b>
--------	-----------------------------------------------------------

PROJECT

VLF 2 PHASE 3

TITLE
-------

SUBGRADE ACCEPTANCE FORM – 08.04.2023

---

FILENAME

0106.060.015F

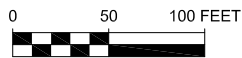
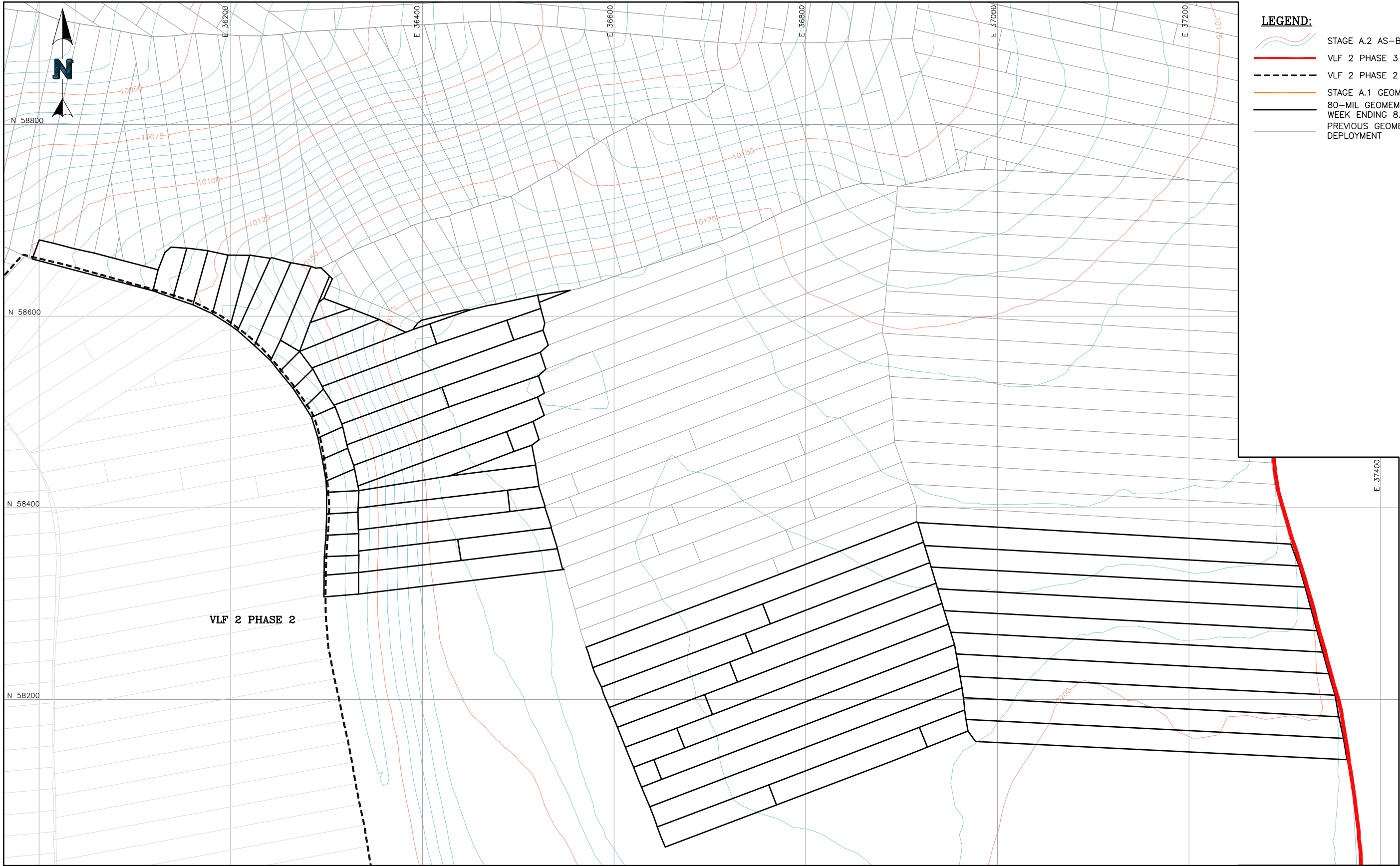
FIGURE NO.

REVISION

1

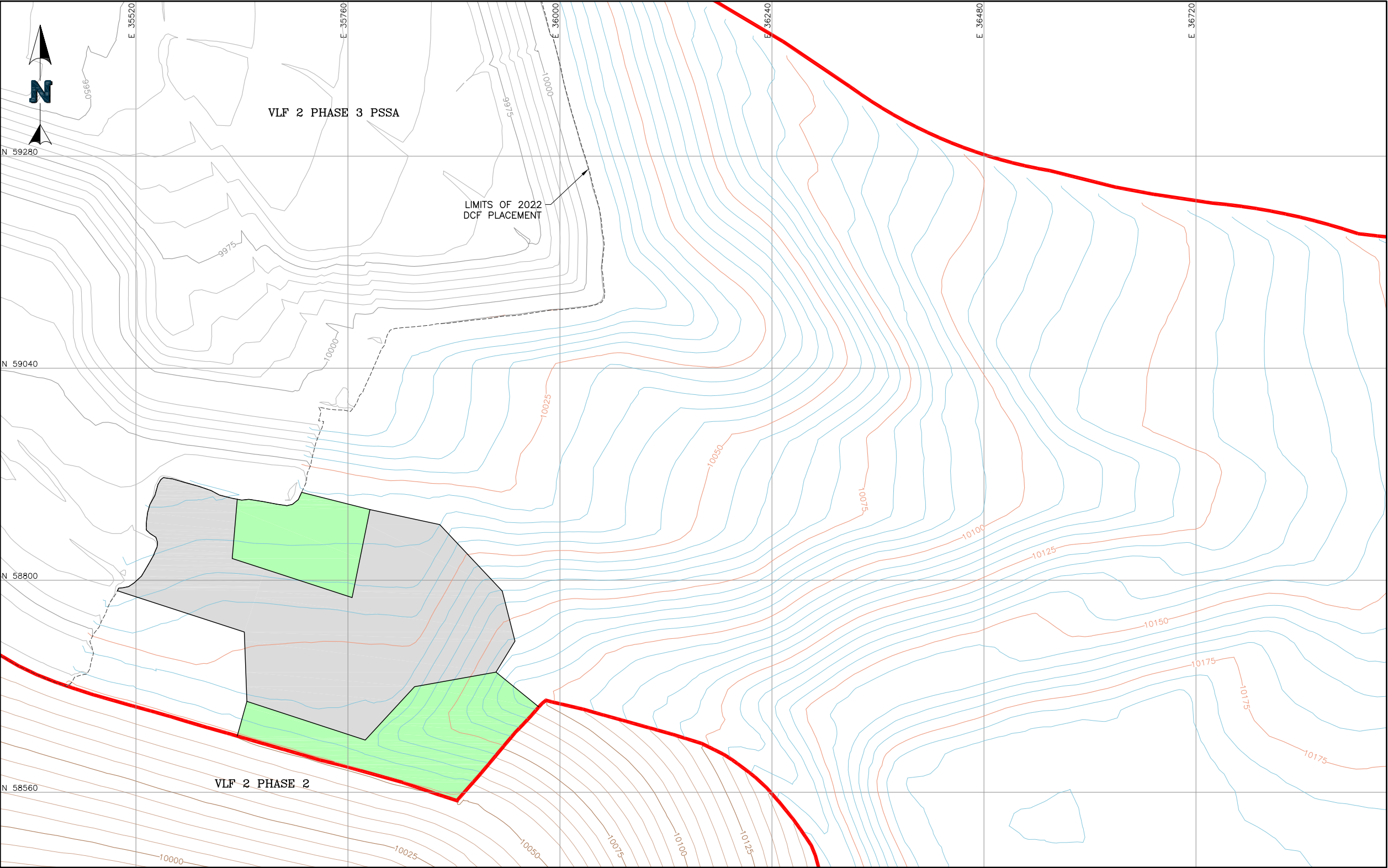


P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.031F.dwg--9/11/2023 2:36 PM



		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		VLF 2 PHASE 3	
TITLE	GEOMEMBRANE DEPLOYMENT WEEK ENDING 08.04.2023		FILENAME
			0106.060.031F
		FIGURE NO.	REVISION
		3	

P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.51F.dwg-10/4/2023 9:16 AM



- LEGEND:**
- 2022 PSSA DCF CONTOURS
  - 2023 SLF CONTOURS
  - VLF2 PHASE 2 SLF CONTOURS
  - DCF PLACEMENT WEEK ENDING 08.04.2023
  - PREVIOUS DCF PLACEMENT
  - VLF 2 PHASE 3 STAGE A LIMITS

		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		VLF 2 PHASE 3	
TITLE	DCF PLACEMENT WEEK ENDING 08.04.2023		FILENAME 0106.060.51F
			FIGURE NO. 4
		REVISION	



## FIELD WEEKLY PROGRESS REPORT

**PROJECT:** VALLEY LEACH FACILITY 2 PHASE 3 2023 QUALITY ASSURANCE OVERSIGHT  
**SITE:** CRIPPLE CREEK & VICTOR GOLD MINE (COLORADO)  
**CONTRACTOR:** NEWMONT CC&V MINING OPERATIONS  
JHL CONSTRUCTORS  
KELLEY TRUCKING INC.  
**WEEK ENDING:** FRIDAY, AUGUST 11, 2023

---

**REPORTING PERIOD: 08.4.2023 THROUGH 08.11.2023**

Days	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Work Shifts – JHL/KTI	-	-	D	D	D	D	D
D – DAYSHIFT		N – NIGHTSHIFT			W – WEATHER		

---

### AMBIENT TEMPERATURE RANGES AND WEATHER CONDITIONS:

HIGHS: 68°F TO 79°F  
LOWS: 51°F TO 54°F  
CLOUD COVER: PARTLY CLOUDY  
PRECIPITATION: 0.20"  
WIND: WIND GUSTS UP TO 28 MPH





## NEWFIELDS PERSONNEL ONSITE:

Personnel	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Aug. 5	Aug. 6	Aug. 7	Aug. 8	Aug. 9	Aug. 10	Aug. 11
Jay Moore	-	-	-	-	-	-	-
Tyler Wendlandt	-	-	PR	PR	PR	PR	PR
Ryan Hunt	LS	-	LS	LS	LS	LS	LS
Ben Melly	LG	-	LG	LG	LG	LG	LG
Henry Walsh	GT	-	GT	GT	GT	GT	GT
Kate Melberg	-	-	GT	GT	GT	GT	GT
Callie Urbas	-	-	ST	ST	ST	ST	ST
Jacob Lacy	-	-	ST	ST	-	-	-
PR – Project Resident; LS – Lead Soils Technician; LG – Lead Geosynthetics; ST – Soils Technician; GT - Geosynthetics Technician; LT – Laboratory Technician; PCE – Project Certifying Engineer							

## 1.0 CONTRACTOR OPERATIONS

### 1.1 Earthworks

#### 1.1.1 Subgrade

- No additional subgrade was approved during the week.

#### 1.1.2 Structural Fill

No work during the week.

#### 1.1.3 Soil Liner Fill

KTI and JHL continued placing SLF on the flat areas and channel between the VLF2 Phase 2 tie in and the Schist Island Haul Road. Loaders loaded SLF material into haul trucks at the Lower Dump 1 stockpile, which was then delivered to dozers. The SLF was placed in a minimum 12" thick layer and compacted with the smooth drum vibratory roller. In most areas, the SLF layer was placed greater than 12" and trimmed down to design thickness prior to compaction. The SLF placement areas are shown in [Figure 1](#).

- The SLF was approved as liner was deployed. 301,365 square feet of SLF was approved for liner.
- NewFields conducted 26 nuclear densometer tests on the finished SLF within the PSSA, all of which met specifications.



#### **1.1.4 Leak Detection Fill**

The Phase 3 Stage A leak detection trenches have been completed.

#### **1.1.5 Drain Cover Fill**

Newmont operations continued deliveries of the crushed Drain Cover Fill Ore to a local stockpile near the VLF2 P3 footprint on an as needed basis.

KTI and JHL continued placing Drain Cover Fill in the VLF2 P3 footprint. Loaders loaded DCF material into haul trucks at the local stockpile, which was then delivered to approved LGP dozers. The DCF material was placed in four foot thick loose lifts for access roads and two foot thick loose lifts for finish grading. GPS dozer placement files were set at two to four tenths over minimum thicknesses to ensure minimum grades were maintained during placement.

JHL personnel continued to monitor DCF lift thicknesses and HVSC piping placement. Personnel shoveled DCF material to control LLDPE surface wrinkles and keep HVSC piping in place.

NewFields personnel monitored dozers as DCF placement progressed for quality assurance. The DCF placement areas are shown in [Figure 3](#).

#### **1.1.6 Anchor Trench**

Approximately 230 feet of new anchor trench was constructed along the PSSA crest using mini excavators.

### **1.2 Geosynthetics**

Tetra Tech continued deployment of textured 80-mil LLDPE geomembrane. The edges of the geomembrane were secured with sandbags and rolls of liner. The panel deployment is shown in [Figure 2](#).

- 301,365 square feet of liner was deployed.
- 15,406.5 linear feet of liner was fusion welded using two to three wedge welding machines and two to three operators.
- 35 destructive tests were marked. 40 destructive samples were tested and passed on fusion welds. 2 destructive samples were tested and passed on an extrusion welds.
- Fusion welded seams were pressure tested.
- Some repairs were performed and vacuum tested.



### 1.3 Laboratory Testing

NewFields continued permeability testing on SLF samples, and continued laboratory testing on DCF samples.

## 2.0 MEETINGS AND COMMUNICATIONS

- NewFields personnel attended the daily safety meetings at 7:00 A.M. on Monday, and at 6:00 A.M. the rest of the week.
- NewFields personnel attended the weekly owners meeting with CC&V, JHL and KTI.

## 3.0 MISCELLANEOUS, ISSUES, AND CONCERNS

- None.

## 4.0 PHOTOGRAPHS



August 08, 2023 – Fusion welding of LLDPE





**August 08, 2023 – Placement of DCF on the 10,000' bench with survey support**



**August 9, 2023 – Placement of SLF on the flat area between haul road and channel**





**August 9, 2023 – Placement of DCF to ballast 24" HVSC piping**



**August 10, 2023 – Placement of DCF on LLDPE on the backfill ramp**



***Report Review and Approval:***

<b>Role</b>	<b>Name</b>	<b>Signature</b>
<b>CQA Monitor/Report Prepared By</b>	<b>Tyler Wendlandt</b>	
<b><i>Or CQA Designee</i></b>		
<b>Project Engineer</b>	<b>Jeff Gaul</b>	
<b><i>Or Projects Designee</i></b>	John Sperry	<i>John R. Sperry</i>

**Attachments:**

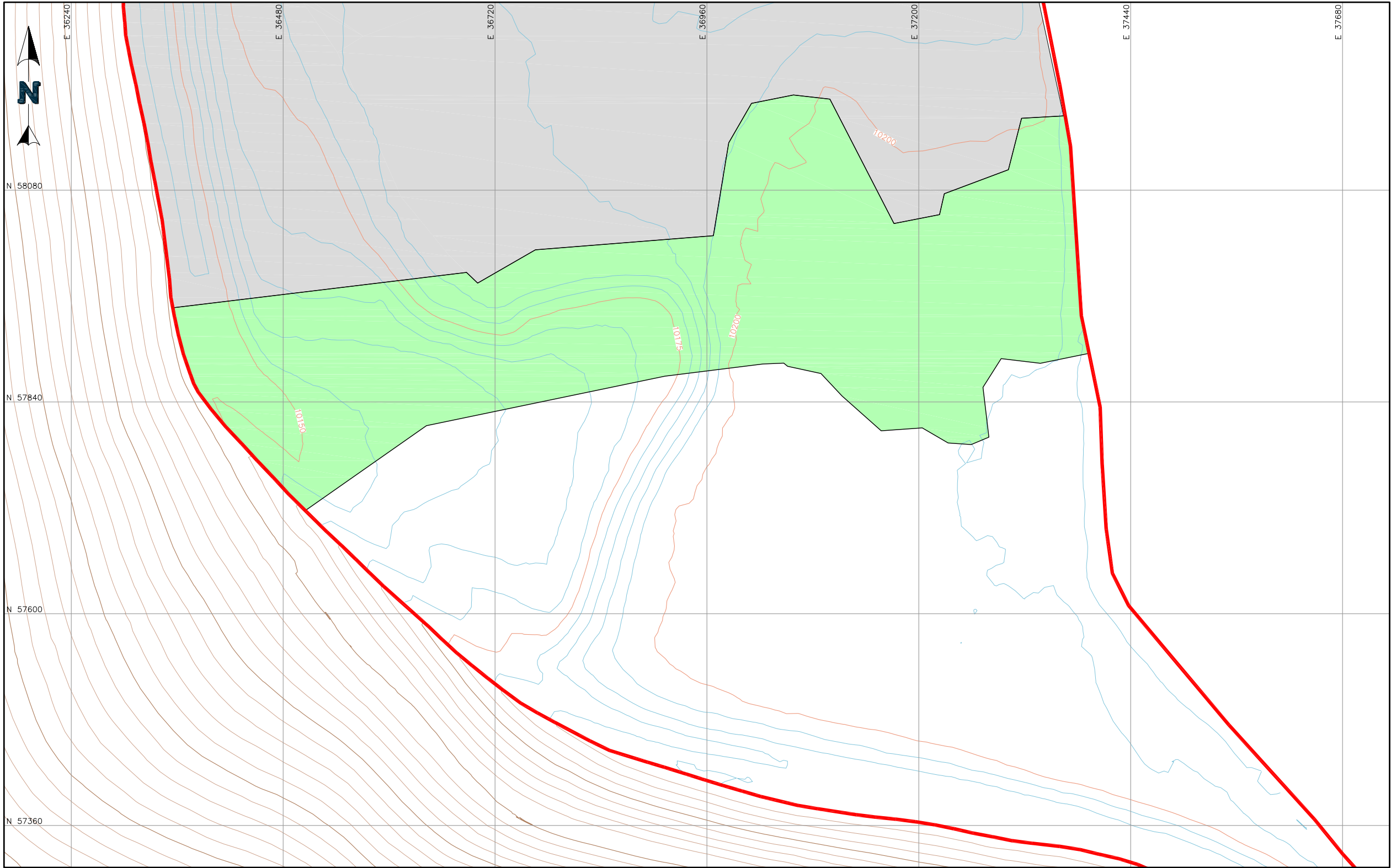
Figure 1 – SLF Placement Week Ending 08.11.2023

Figure 2 – Geomembrane Deployment Week Ending 08.11.2023

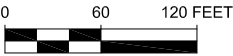
Figure 3 – DCF Placement Week Ending 08.11.2023




P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.039F.dwg-9/11/2023 2:13 PM

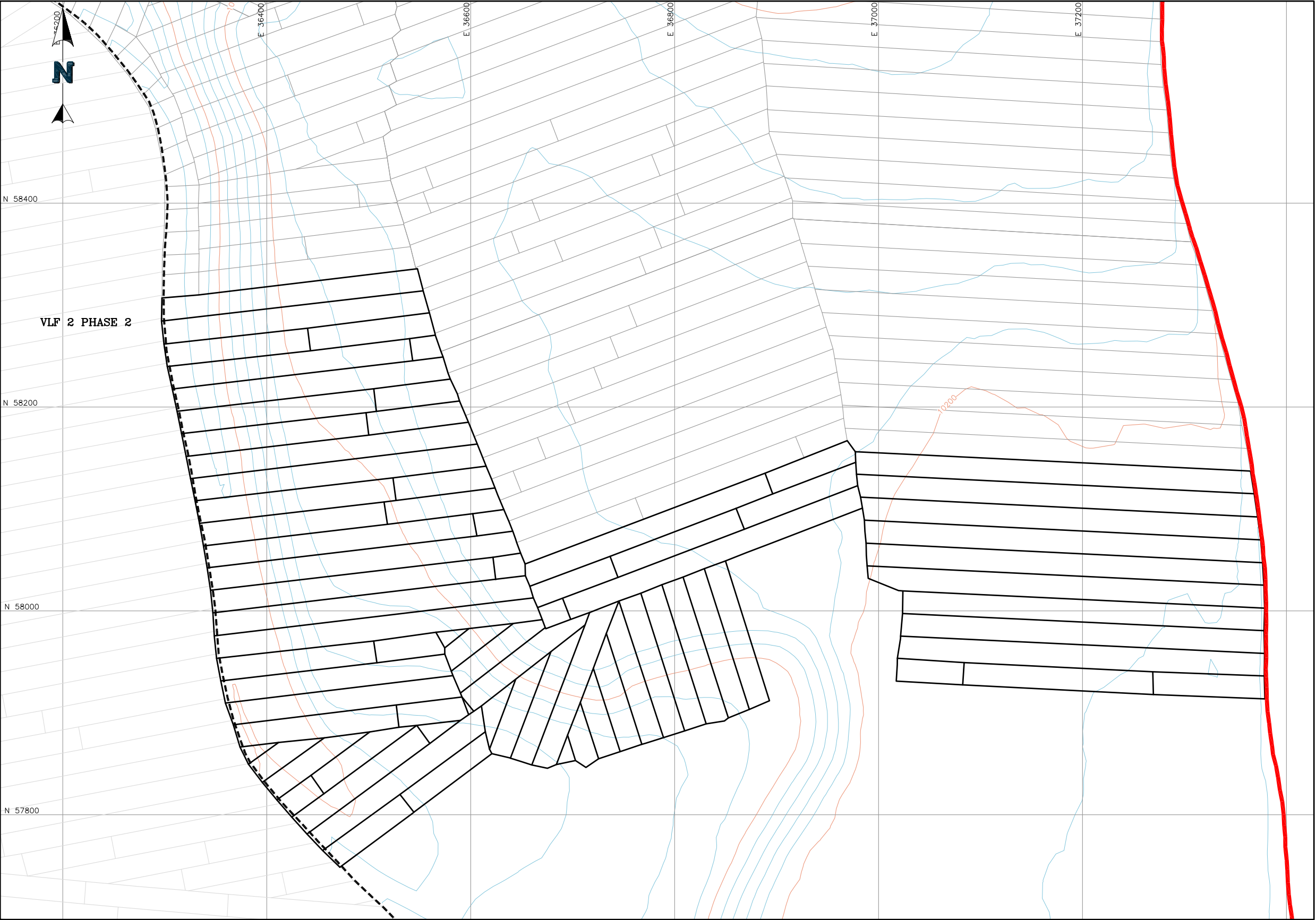


- LEGEND:**
- 2022 PSSA SLF CONTOURS
  - 2023 SUBGRADE CONTOURS
  - VLF2 PHASE 2 SLF CONTOURS
  - SLF PLACEMENT WEEK ENDING 08.11.2023
  - PREVIOUS SLF PLACEMENT
  - VLF 2 PHASE 3 STAGE A LIMITS

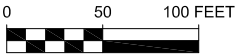



		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		VLF 2 PHASE 3	
TITLE	SLF PLACEMENT WEEK ENDING 08.11.2023	FILENAME 0106.060.039F	
		FIGURE NO. 1	REVISION

P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.032F.dwg-9/11/2023 8:44 AM

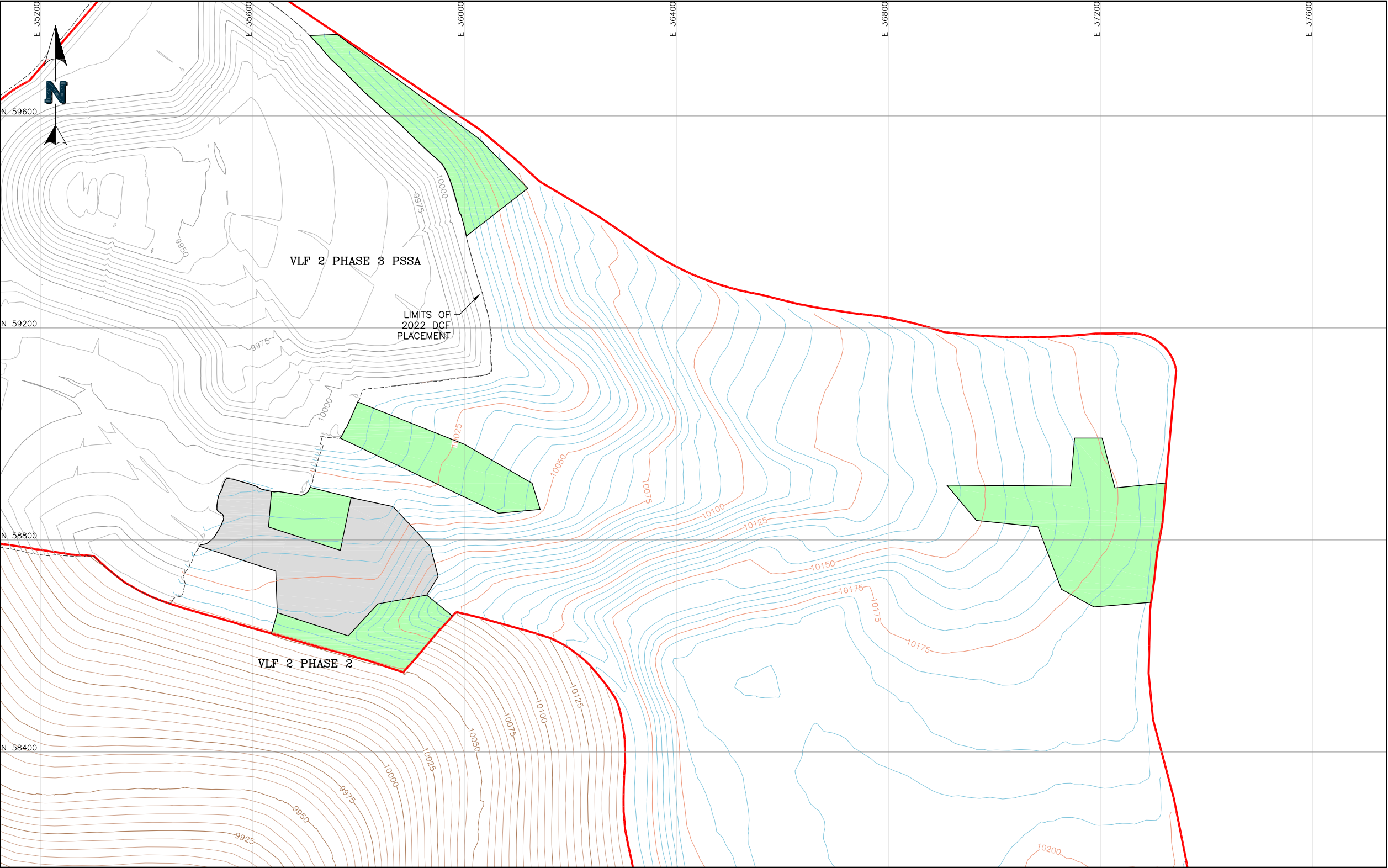


- LEGEND:**
- STAGE A.2 AS-BUILT SLF CONTOURS
  - VLF 2 PHASE 3 STAGE A LIMITS
  - VLF 2 PHASE 2 LIMITS
  - STAGE A.1 GEOMEMBRANE LIMITS
  - 80-MIL GEOMEMBRANE DEPLOYMENT WEEK ENDING 8.11.2023
  - PREVIOUS GEOMEMBRANE DEPLOYMENT




		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		VLF 2 PHASE 3	
TITLE	GEOMEMBRANE DEPLOYMENT WEEK ENDING 08.11.2023		FILENAME
			0106.060.032F
		FIGURE NO.	REVISION
		2	

P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.52F.dwg-10/4/2023 9:17 AM



- LEGEND:**
- 2022 PSSA DCF CONTOURS
  - 2023 SLF CONTOURS
  - VLF2 PHASE 2 SLF CONTOURS
  - DCF PLACEMENT WEEK ENDING 08.11.2023
  - PREVIOUS DCF PLACEMENT
  - VLF 2 PHASE 3 STAGE A LIMITS

		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		VLF 2 PHASE 3	
TITLE	DCF PLACEMENT WEEK ENDING 08.11.2023		FILENAME
			0106.060.52F
		FIGURE NO.	REVISION
		3	





## FIELD WEEKLY PROGRESS REPORT

**PROJECT:** VALLEY LEACH FACILITY 2 PHASE 3 2023 QUALITY ASSURANCE OVERSIGHT  
**SITE:** CRIPPLE CREEK & VICTOR GOLD MINE (COLORADO)  
**CONTRACTOR:** NEWMONT CC&V MINING OPERATIONS  
JHL CONSTRUCTORS  
KELLEY TRUCKING INC.  
**WEEK ENDING:** FRIDAY, AUGUST 18, 2023

---

**REPORTING PERIOD: 08.12.2023 THROUGH 08.18.2023**

Days	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Work Shifts – JHL/KTI	-	-	D	D	D	D	D
D – DAYSHIFT	N – NIGHTSHIFT			W – WEATHER			

---

### AMBIENT TEMPERATURE RANGES AND WEATHER CONDITIONS:

HIGHS: 80°F TO 84°F  
LOWS: 45°F TO 46°F  
CLOUD COVER: PARTLY CLOUDY  
PRECIPITATION: NONE  
WIND: WIND GUSTS UP TO 21 MPH



## NEWFIELDS PERSONNEL ONSITE:

Personnel	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Aug. 13	Aug. 14	Aug. 15	Aug. 16	Aug. 17	Aug. 18	Aug. 19
Jay Moore	-	-	-	-	-	-	PCE
Tyler Wendlandt	-	-	PR	PR	PR	PR	PR
Ryan Hunt	-	-	LS	LS	LS	LS	LS
Ben Melly	-	-	LG	LG	LG	LG	LG
Henry Walsh	LT	-	GT	GT	GT	LT	LT
Kate Melberg	-	-	GT	GT	GT	GT	GT
Callie Urbas	-	-	GT	GT	GT	GT	GT
Ryan Benefiel	-	-	ST	ST	ST	ST	ST
PR – Project Resident; LS – Lead Soils Technician; LG – Lead Geosynthetics; ST – Soils Technician; GT - Geosynthetics Technician; LT – Laboratory Technician; PCE – Project Certifying Engineer							

## 1.0 CONTRACTOR OPERATIONS

### 1.1 Earthworks

#### 1.1.1 Subgrade

- No subgrade was approved during the week.

#### 1.1.2 Structural Fill

Structural fill has been completed for Stage A.

#### 1.1.3 Soil Liner Fill

KTI and JHL continued placing SLF on the flat areas and channel between the VLF2 Phase 2 tie in and the Schist Island Haul Road. Loaders loaded SLF material into haul trucks at the Lower Dump 1 stockpile, which was then delivered to dozers. The SLF was placed in a minimum 12" thick layer and compacted with the smooth drum vibratory roller. In most areas, the SLF layer was placed greater than 12" and trimmed down to design thickness prior to compaction. The SLF placement areas are shown in [Figure 1](#).

- The SLF was approved as liner was deployed. 177,869 square feet of SLF was approved for liner.
- NewFields conducted 15 nuclear densometer tests on the finished SLF within the PSSA, all of which met specifications.



#### **1.1.4 Leak Detection Fill**

The Phase 3 Stage A leak detection trenches have been completed.

#### **1.1.5 Drain Cover Fill**

Newmont operations continued deliveries of the crushed Drain Cover Fill Ore to a local stockpile near the VLF2 P3 footprint on an as needed basis.

KTI and JHL continued placing Drain Cover Fill in the VLF2 P3 footprint. Loaders loaded DCF material into haul trucks at the local stockpile, which was then delivered to approved LGP dozers. The DCF material was placed in four foot thick loose lifts for access roads and two foot thick loose lifts for finish grading. GPS dozer placement files were set at two to four tenths over minimum thicknesses to ensure minimum grades were maintained during placement.

JHL personnel continued to monitor DCF lift thicknesses and HVSC piping placement. Personnel shoveled DCF material to control LLDPE surface wrinkles and keep HVSC piping in place.

NewFields personnel monitored dozers as DCF placement progressed for quality assurance. The DCF placement areas are shown in [Figure 3](#).

#### **1.1.6 Anchor Trench**

No new anchor trench was constructed.

### **1.2 Geosynthetics**

Tetra Tech continued deployment of textured 80-mil LLDPE geomembrane. The edges of the geomembrane were secured with sandbags and rolls of liner. The panel deployment is shown in [Figure 2](#).

- 177,869 square feet of liner was deployed.
- 10,265 linear feet of liner was fusion welded using two to three wedge welding machines and two to three operators.
- 23 destructive tests were marked. 34 destructive samples were tested and passed on fusion welds. 4 destructive samples were tested and passed on extrusion welds.
- Fusion welded seams were pressure tested.
- Some repairs were performed, and vacuum tested.





### 1.3 Laboratory Testing

NewFields continued permeability testing on SLF samples, and continued laboratory testing on DCF samples.

## 2.0 MEETINGS AND COMMUNICATIONS

- NewFields personnel attended the daily safety meetings at 7:00 A.M. on Monday, and at 6:00 A.M. the rest of the week.
- NewFields personnel attended the weekly owners meeting with CC&V, JHL and KTI.

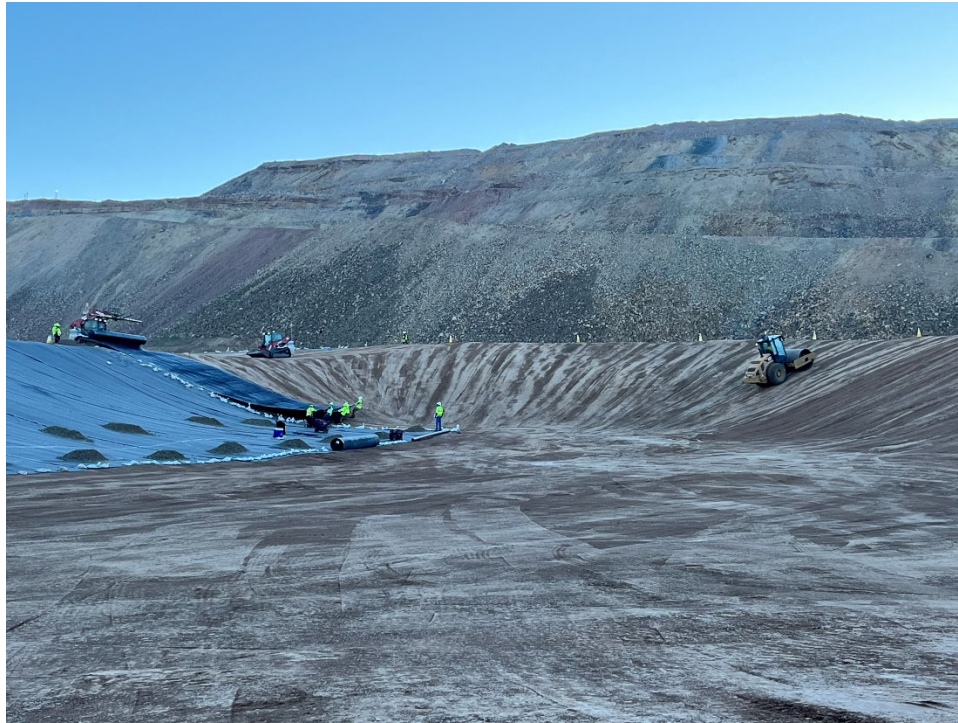
## 3.0 MISCELLANEOUS, ISSUES, AND CONCERNS

- None.

## 4.0 PHOTOGRAPHS



**August 14, 2023 – Vacuum testing of LLDPE repairs**



**August 15, 2023 – Deployment of LLDPE in the topsoil triangle**



**August 16, 2023 – Placement of DCF on the backfill ramp**





**August 18, 2023 – Extrusion welding of LLDPE defects**





***Report Review and Approval:***

Role	Name	Signature
<b>CQA Monitor/Report Prepared By</b>	<b>Tyler Wendlandt</b>	<i>Tyler Wendlandt</i>
<b><i>Or CQA Designee</i></b>		
<b>Project Engineer</b>	<b>Jeff Gaul</b>	
<b><i>Or Projects Designee</i></b>	<b>John Sperry</b>	<i>John R. Sperry</i>

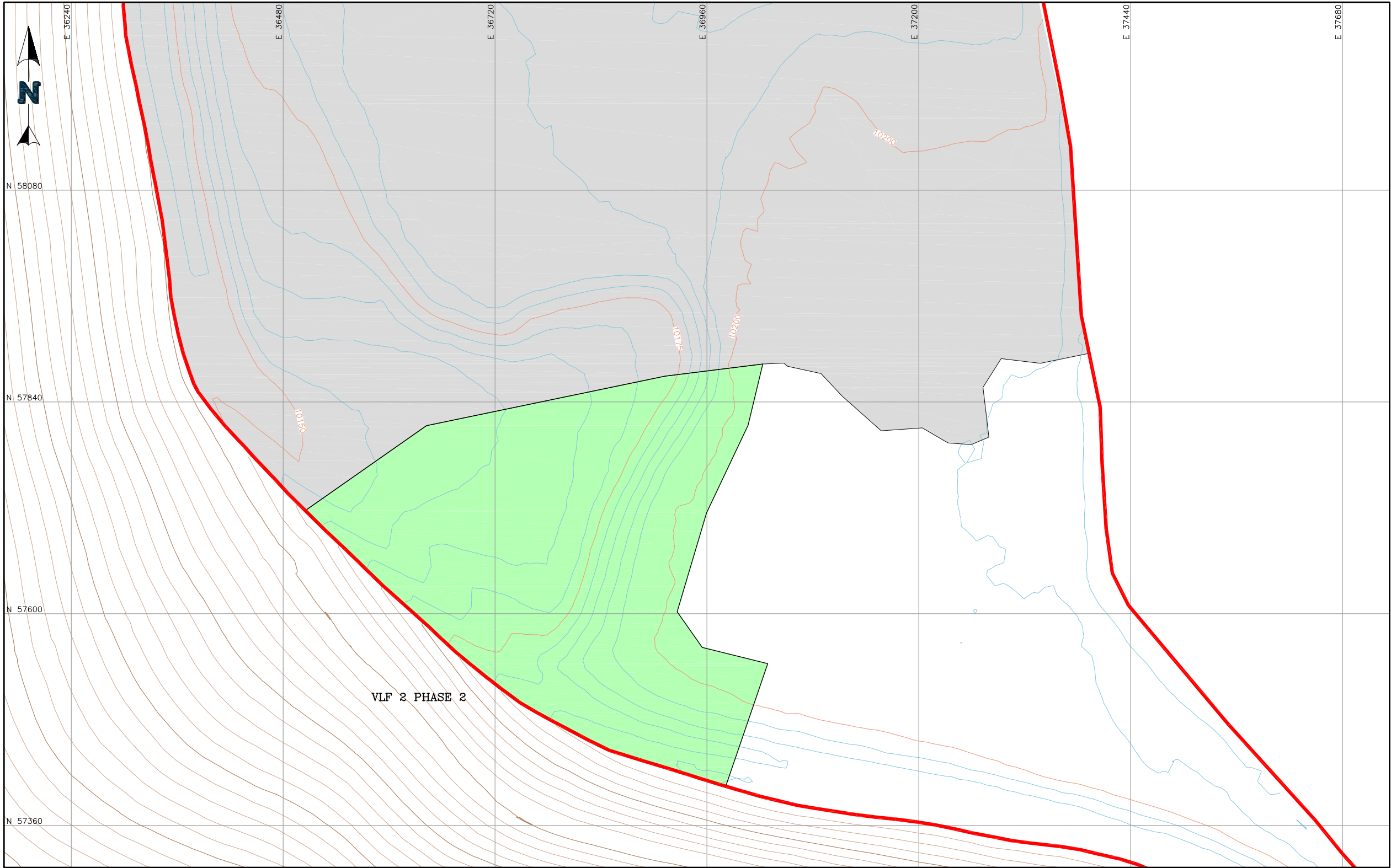
**Attachments:**

Figure 1 – SLF Placement Week Ending 08.18.2023

Figure 2 –Geomembrane Deployment Week Ending 08.18.2023


Figure 3 – DCF Placement Week Ending 08.18.2023

P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.040F.dwg-9/11/2023 2:51 PM



- LEGEND:**
- 2022 PSSA SLF CONTOURS
  - 2023 SUBGRADE CONTOURS
  - VLF2 PHASE 2 SLF CONTOURS
  - SLF PLACEMENT WEEK ENDING 08.18.2023
  - PREVIOUS SLF PLACEMENT
  - VLF 2 PHASE 3 STAGE A LIMITS

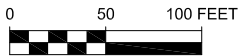


		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		VLF 2 PHASE 3	
TITLE	SLF PLACEMENT WEEK ENDING 08.18.2023	FILENAME 0106.060.040F	
		FIGURE NO. 1	REVISION

P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.033F.dwg--9/11/2023 2:49 PM



VLF 2 PHASE 2



CLIENT CRIPPLE CREEK & VICTOR  
GOLD MINING COMPANY

PROJECT

VLF 2 PHASE 3

TITLE

GEOMEMBRANE DEPLOYMENT WEEK  
ENDING 08.18.2023

FILENAME

0106.060.033F

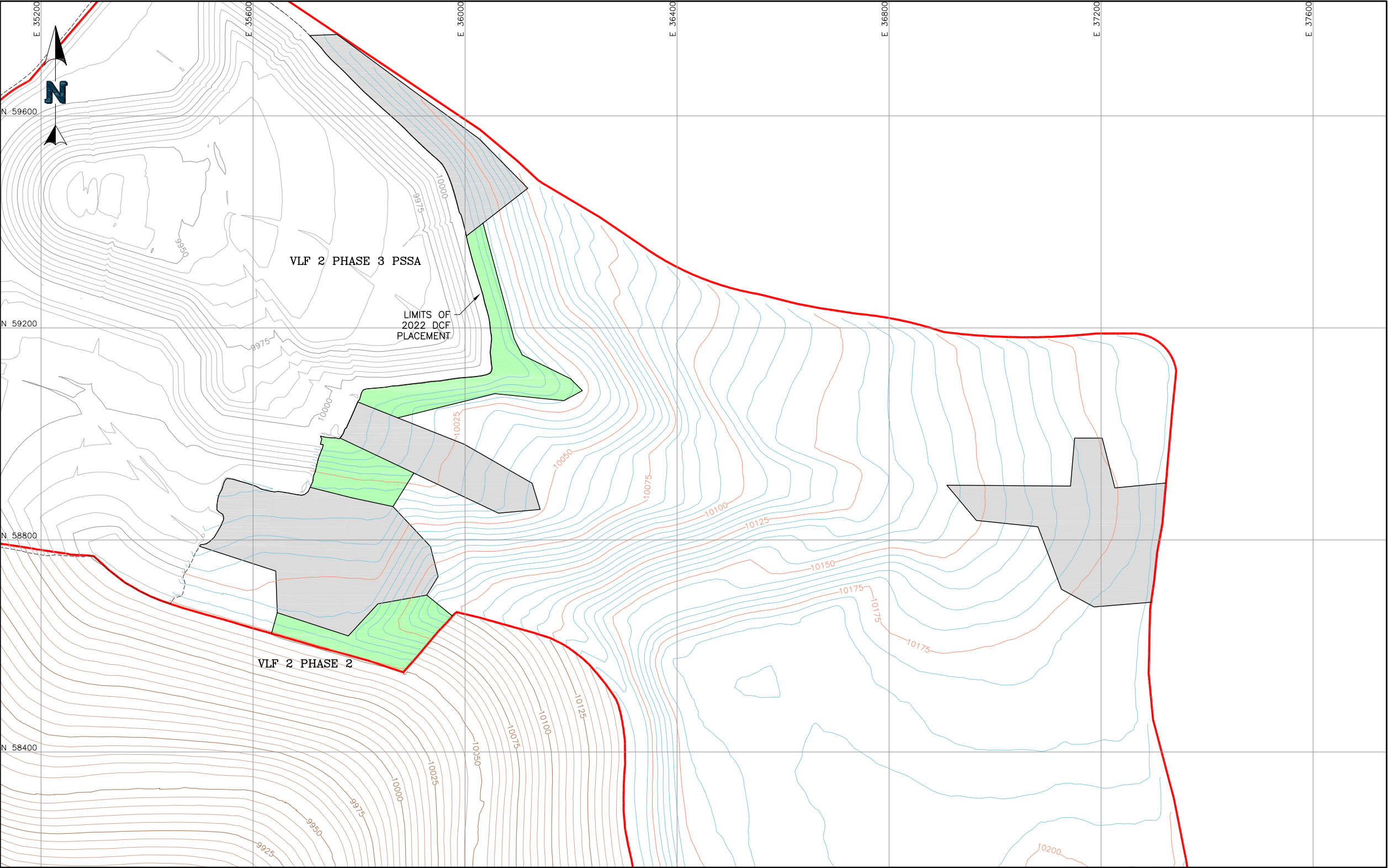
FIGURE NO.

2

REVISION



P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.53F.dwg-10/4/2023 9:17 AM



- LEGEND:**
- 2022 PSSA DCF CONTOURS
  - 2023 SLF CONTOURS
  - VLF2 PHASE 2 SLF CONTOURS
  - DCF PLACEMENT WEEK ENDING 08.18.2023
  - PREVIOUS DCF PLACEMENT
  - VLF 2 PHASE 3 STAGE A LIMITS

		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		VLF 2 PHASE 3	
TITLE	DCF PLACEMENT WEEK ENDING 08.18.2023	FILENAME 0106.060.53F	
		FIGURE NO. 3	REVISION



## FIELD WEEKLY PROGRESS REPORT

**PROJECT:** VALLEY LEACH FACILITY 2 PHASE 3 2023 QUALITY ASSURANCE OVERSIGHT  
**SITE:** CRIPPLE CREEK & VICTOR GOLD MINE (COLORADO)  
**CONTRACTOR:** NEWMONT CC&V MINING OPERATIONS  
JHL CONSTRUCTORS  
KELLEY TRUCKING INC.  
**WEEK ENDING:** FRIDAY, AUGUST 25, 2023

---

**REPORTING PERIOD: 08.19.2023 THROUGH 08.25.2023**

Days	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Work Shifts – JHL/KTI	-	-	D	D	D	D	D
D – DAYSHIFT	N – NIGHTSHIFT			W – WEATHER			

---

### AMBIENT TEMPERATURE RANGES AND WEATHER CONDITIONS:

HIGHS: 70°F TO 81°F  
LOWS: 47°F TO 50°F  
CLOUD COVER: PARTLY CLOUDY  
PRECIPITATION: 0.33"  
WIND: WIND GUSTS UP TO 20 MPH



## NEWFIELDS PERSONNEL ONSITE:

Personnel	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Aug. 19	Aug. 20	Aug. 21	Aug. 22	Aug. 23	Aug. 24	Aug. 25
Jay Moore	-	-	-	-	-	-	PCE
Tyler Wendlandt	-	-	PR	PR	PR	PR	PR
Ryan Hunt	-	-	LS	LS	LS	LS	LS
Ben Melly	-	-	LG	LG	LG	LG	LG
Henry Walsh	-	-	GT	GT	GT	LT	LT
Kate Melberg	-	-	GT	GT	GT	GT	GT
Callie Urbas	-	-	GT	GT	GT	ST	ST
Ryan Benefiel	-	-	ST	ST	ST	-	-
PR – Project Resident; LS – Lead Soils Technician; LG – Lead Geosynthetics; ST – Soils Technician; GT - Geosynthetics Technician; LT – Laboratory Technician; PCE – Project Certifying Engineer							

## 1.0 CONTRACTOR OPERATIONS

### 1.1 Earthworks

#### 1.1.1 Subgrade

- Subgrade was approved for SLF placement. Approved subgrade areas can be found in [Figure 1](#) and [Figure 2](#).

#### 1.1.2 Structural Fill

Structural fill has been completed for Stage A.

#### 1.1.3 Soil Liner Fill

KTI and JHL continued placing SLF on the flat areas and channel between the VLF2 Phase 2 tie in and the Schist Island Haul Road. Loaders loaded SLF material into haul trucks at the Lower Dump 1 stockpile, which was then delivered to dozers. The SLF was placed in a minimum 12" thick layer and compacted with the smooth drum vibratory roller. In most areas, the SLF layer was placed greater than 12" and trimmed down to design thickness prior to compaction. The SLF placement areas are shown in [Figure 3](#).

- The SLF was approved as liner was deployed. 287,100 square feet of SLF was approved for liner.





- NewFields conducted 21 nuclear densometer tests on the finished SLF within the PSSA, all of which met specifications.

#### **1.1.4 Leak Detection Fill**

The Phase 3 Stage A leak detection trenches have been completed.

#### **1.1.5 Drain Cover Fill**

Newmont operations continued deliveries of the crushed Drain Cover Fill Ore to a local stockpile near the VLF2 P3 footprint on an as needed basis.

KTI and JHL continued placing Drain Cover Fill in the VLF2 P3 footprint. Loaders loaded DCF material into haul trucks at the local stockpile, which was then delivered to approved LGP dozers. The DCF material was placed in four foot thick loose lifts for access roads and two foot thick loose lifts for finish grading. GPS dozer placement files were set at two to four tenths over minimum thicknesses to ensure minimum grades were maintained during placement.

JHL personnel continued to monitor DCF lift thicknesses and HVSC piping placement. Personnel shoveled DCF material to control LLDPE surface wrinkles and keep HVSC piping in place.

NewFields personnel monitored dozers as DCF placement progressed for quality assurance. The DCF placement areas are shown in [Figure 5](#).

#### **1.1.6 Anchor Trench**

Approximately 483 feet of anchor trench was constructed during the week.

### **1.2 Geosynthetics**

Tetra Tech continued deployment of textured 80-mil LLDPE geomembrane. The edges of the geomembrane were secured with sandbags and rolls of liner. The panel deployment is shown in [Figure 4](#).

- 287,100 square feet of liner was deployed.
- 14,899 linear feet of liner was fusion welded using two to three wedge welding machines and two to three operators.
- 33 destructive tests were marked. 31 destructive samples were tested and passed on fusion welds. 2 destructive samples were tested and passed on extrusion welds.



- Fusion welded seams were pressure tested.
- Some repairs were performed, and vacuum tested.

### **1.3 Laboratory Testing**

NewFields continued permeability testing on SLF samples, and continued laboratory testing on DCF samples.

## **2.0 MEETINGS AND COMMUNICATIONS**

- NewFields personnel attended the daily safety meetings at 7:00 A.M. on Monday, and at 6:00 A.M. the rest of the week.
- NewFields personnel attended the weekly owners meeting with CC&V, JHL and KTI.

## **3.0 MISCELLANEOUS, ISSUES, AND CONCERNS**

- None.

## **4.0 PHOTOGRAPHS**



**August 22, 2023 – Density/Moisture testing by nuclear method**





**August 22, 2023 – Deployment of LLDPE in the topsoil triangle**



**August 24, 2023 – Placement of DCF above the backfill ramp**





**August 25, 2023 – Ballasting of 24-inch CPeP pipe with DCF**



**August 25, 2023 – Testing and monitoring of Destructive Sample testing**



***Report Review and Approval:***

<b>Role</b>	<b>Name</b>	<b>Signature</b>
<b>CQA Monitor/Report Prepared By</b>	<b>Tyler Wendlandt</b>	<i>Tyler Wendlandt</i>
<b><i>Or CQA Designee</i></b>		
<b>Project Engineer</b>	<b>Jeff Gaul</b>	
<b><i>Or Projects Designee</i></b>	<b>John Sperry</b>	<i>John R. Sperry</i>

**Attachments:**

Figure 1 – Subgrade Acceptance Form 08.21.2023

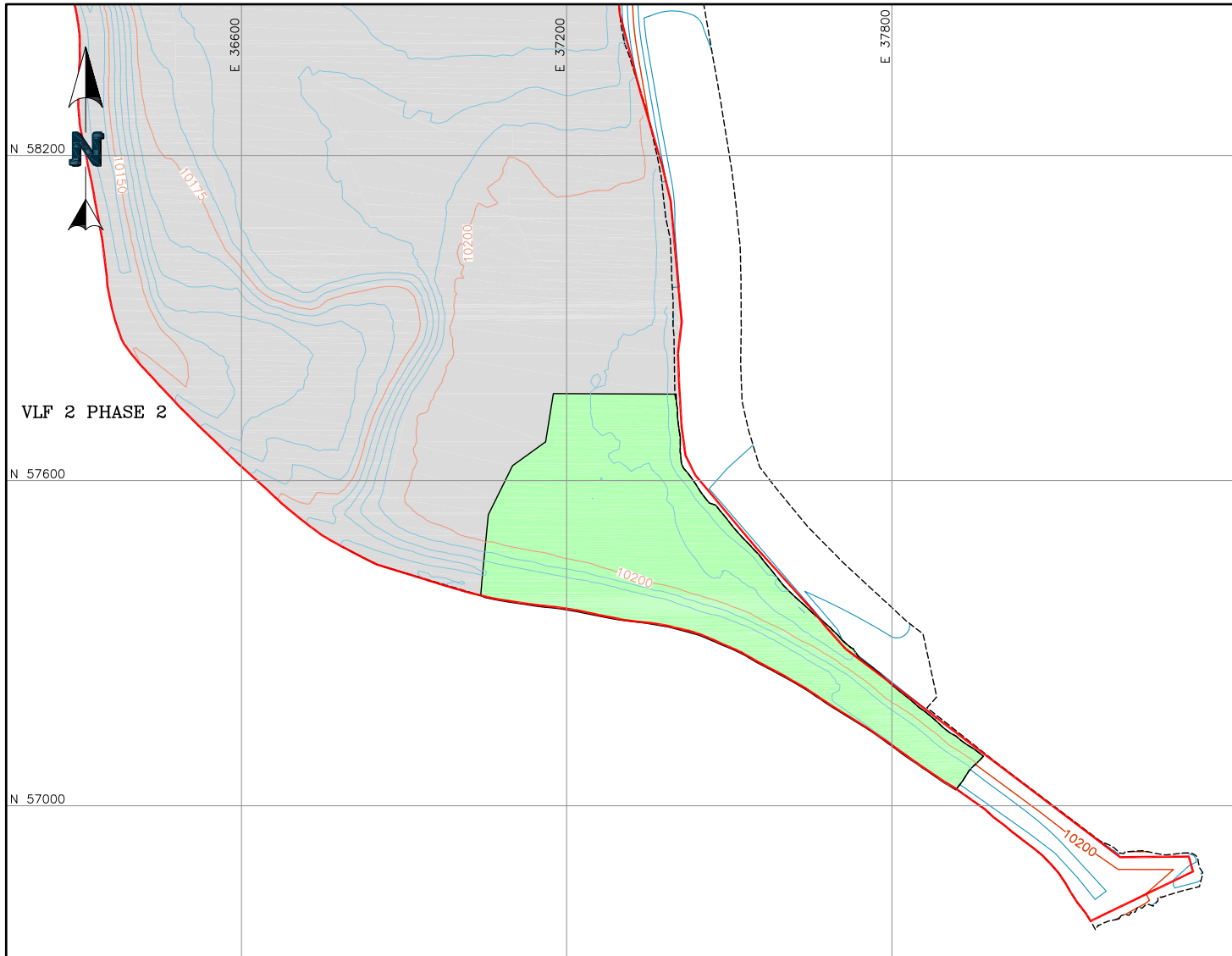
Figure 2 – Subgrade Acceptance Form 08.25.2023

Figure 3 - SLF Placement Week Ending 08.25.2023







Figure 4 –Geomembrane Deployment Week Ending 08.25.2023


Figure 5 – DCF Placement Week Ending 08.25.2023

P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\Figs\0106.060.016F.dwg-9/11/2023 2:13 PM



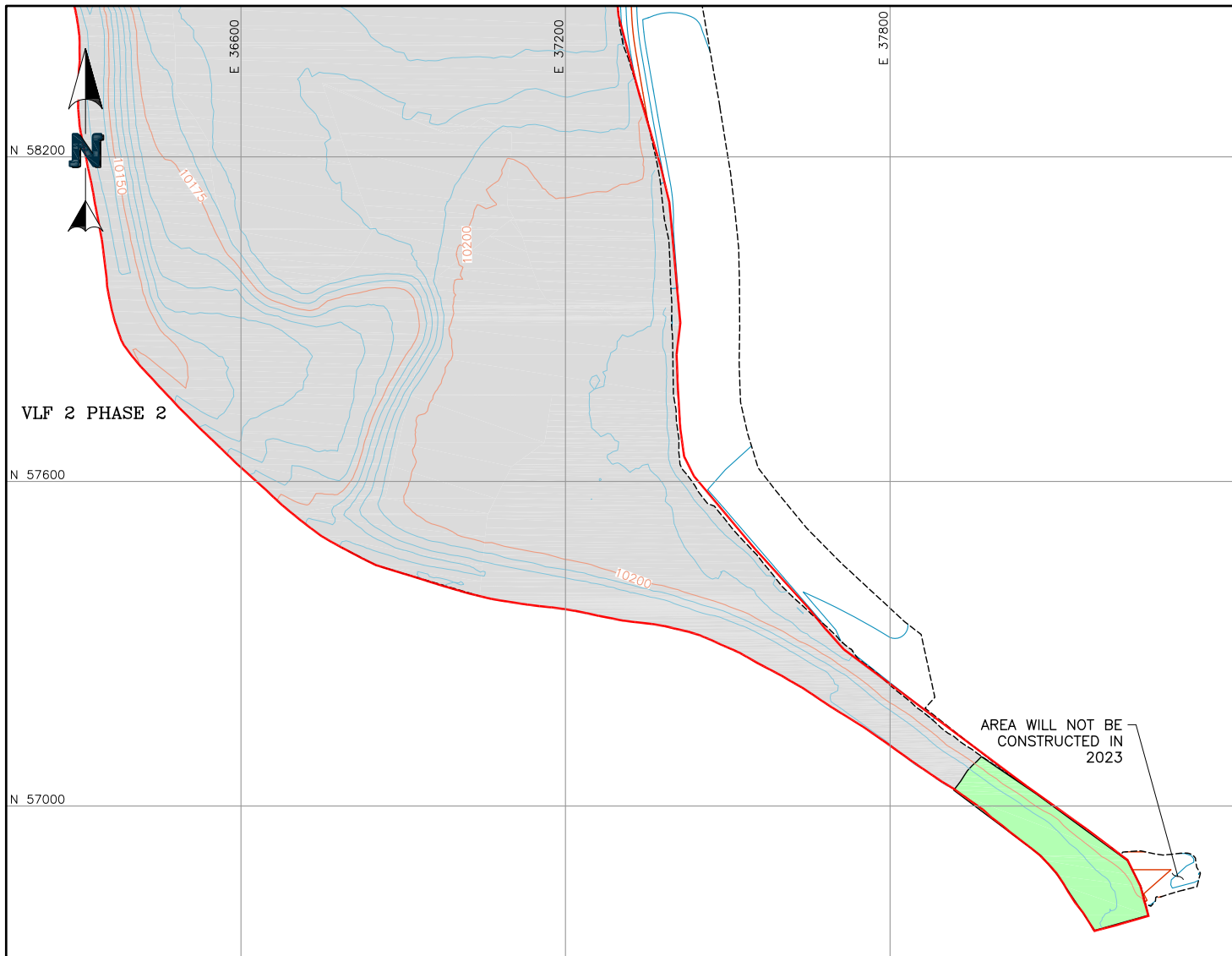
**LEGEND:**

-  2022 PSSA SUBGRADE CONTOURS
-  PROPOSED SUBGRADE CONTOURS
-  8.21.23 SUBGRADE CONTOURS
-  CURRENT SUBGRADE APPROVAL
-  PREVIOUS SUBGRADE APPROVAL
-  VLF 2 PHASE 3 STAGE A LIMITS

	CLIENT	CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
	PROJECT	VLF 2 PHASE 3	
TITLE	SUBGRADE ACCEPTANCE FORM - 08.21.2023		FILENAME 0106.060.016F
	FIGURE NO.	REVISION	
	1		




P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\Figs\0106.060.036F.dwg-9/11/2023 2:37 PM

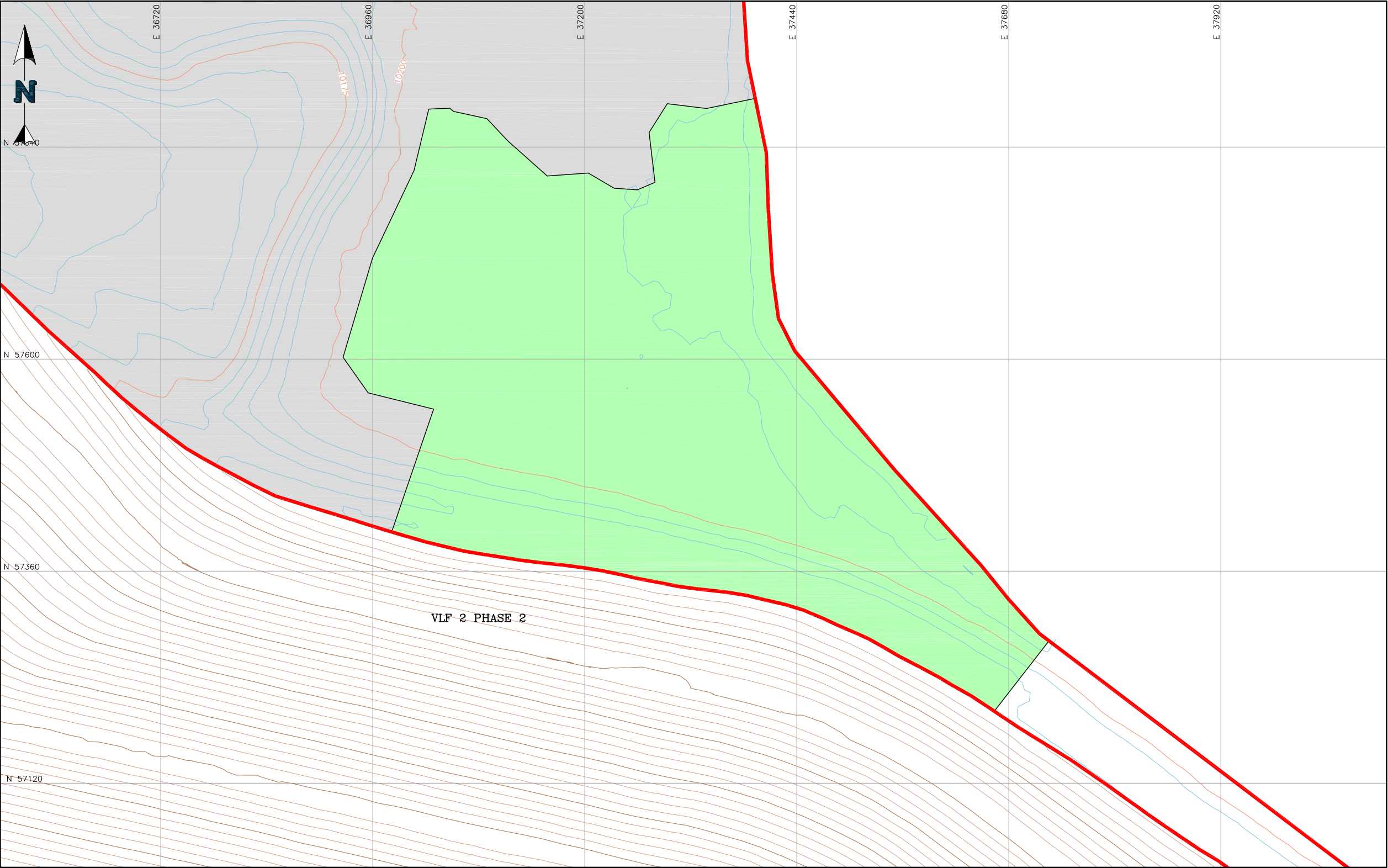


**LEGEND:**

- 2022 PSSA SUBGRADE CONTOURS
- PROPOSED SUBGRADE CONTOURS
- 8.24.23 SUBGRADE CONTOURS
- CURRENT SUBGRADE APPROVAL
- PREVIOUS SUBGRADE APPROVAL
- VLF 2 PHASE 3 STAGE A LIMITS


	CLIENT	CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
	PROJECT	VLF 2 PHASE 3	
TITLE	SUBGRADE ACCEPTANCE FORM - 08.24.2023		FILENAME 0106.060.036F
	FIGURE NO.	2	REVISION

P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.041F.dwg-9/11/2023 2:49 PM



- LEGEND:**
- 2022 PSSA SLF CONTOURS
  - 2023 SUBGRADE CONTOURS
  - VLF2 PHASE 2 SLF CONTOURS
  - SLF PLACEMENT WEEK ENDING 08.25.2023
  - PREVIOUS SLF PLACEMENT
  - VLF 2 PHASE 3 STAGE A LIMITS



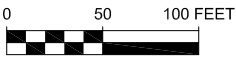
		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		VLF 2 PHASE 3	
TITLE	SLF PLACEMENT WEEK ENDING 08.25.2023	FILENAME 0106.060.041F	
		FIGURE NO. 3	REVISION


P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.035F.dwg-9/11/2023 2:48 PM



- LEGEND:**
- STAGE A.2 AS-BUILT SLF CONTOURS
  - VLF 2 PHASE 3 STAGE A LIMITS
  - VLF 2 PHASE 2 LIMITS
  - STAGE A.1 GEOMEMBRANE LIMITS
  - 80-MIL GEOMEMBRANE DEPLOYMENT WEEK ENDING 8.25.2023
  - PREVIOUS GEOMEMBRANE DEPLOYMENT

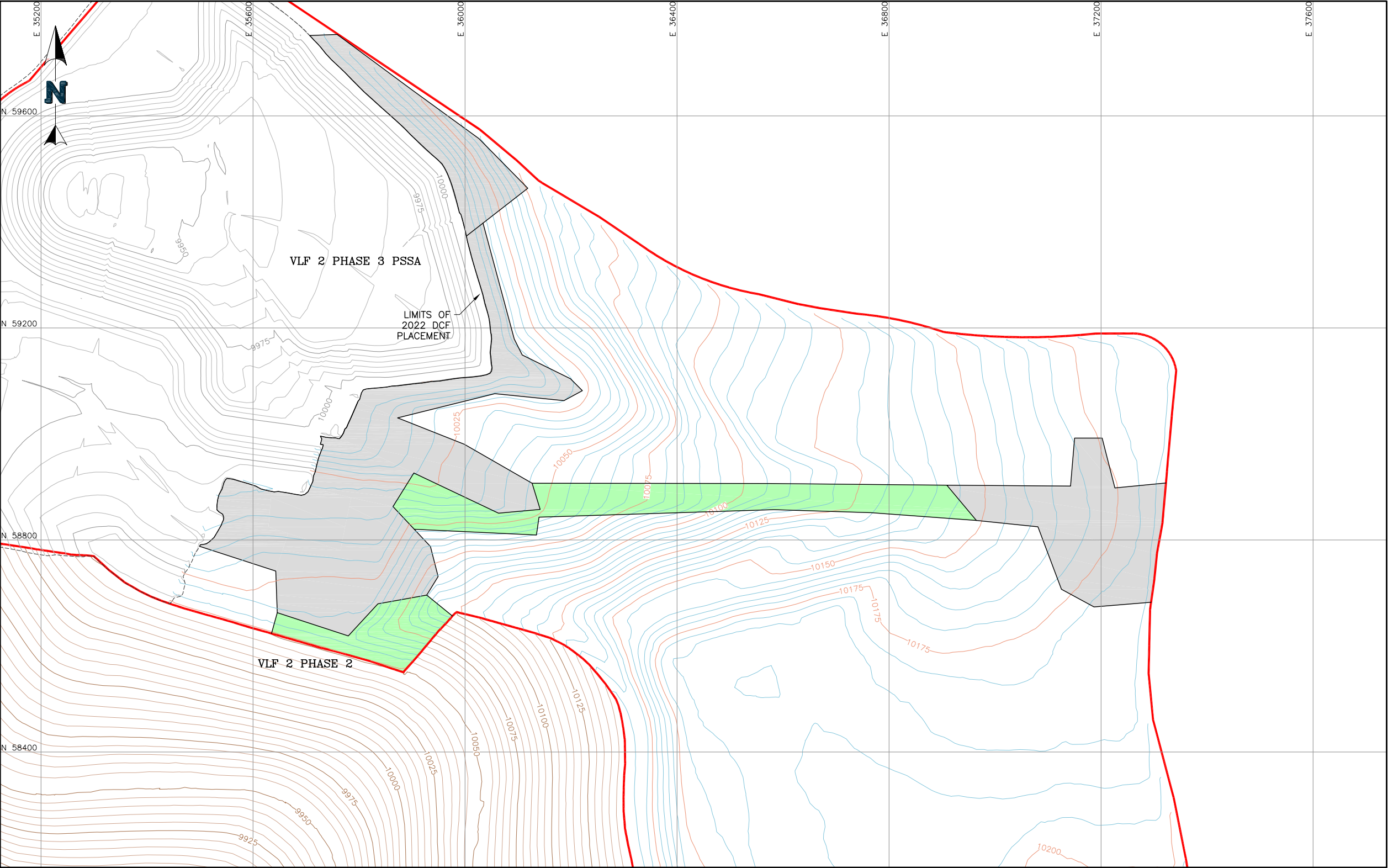
VLF 2 PHASE 2



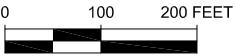
		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		VLF 2 PHASE 3	
TITLE	GEOMEMBRANE DEPLOYMENT WEEK ENDING 08.25.2023		FILENAME
			0106.060.035F
		FIGURE NO.	REVISION
		4	




P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.54F.dwg-10/4/2023 9:18 AM



- LEGEND:**
- 2022 PSSA DCF CONTOURS
  - 2023 SLF CONTOURS
  - VLF2 PHASE 2 SLF CONTOURS
  - DCF PLACEMENT WEEK ENDING 08.25.2023
  - PREVIOUS DCF PLACEMENT
  - VLF 2 PHASE 3 STAGE A LIMITS



		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		VLF 2 PHASE 3	
TITLE	DCF PLACEMENT WEEK ENDING 08.25.2023	FILENAME 0106.060.54F	
		FIGURE NO. 5	REVISION



## FIELD WEEKLY PROGRESS REPORT

**PROJECT:** VALLEY LEACH FACILITY 2 PHASE 3 2023 QUALITY ASSURANCE OVERSIGHT  
**SITE:** CRIPPLE CREEK & VICTOR GOLD MINE (COLORADO)  
**CONTRACTOR:** NEWMONT CC&V MINING OPERATIONS  
JHL CONSTRUCTORS  
KELLEY TRUCKING INC.  
**WEEK ENDING:** FRIDAY, SEPTEMBER 01, 2023

---

**REPORTING PERIOD: 08.26.2023 THROUGH 09.01.2023**

Days	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Work Shifts – JHL/KTI	-	-	D	D	D	D	D
D – DAYSHIFT	N – NIGHTSHIFT			W – WEATHER			

---

### AMBIENT TEMPERATURE RANGES AND WEATHER CONDITIONS:

HIGHS: 68°F TO 81°F  
LOWS: 39°F TO 48°F  
CLOUD COVER: PARTLY CLOUDY  
PRECIPITATION: 0.29"  
WIND: WIND GUSTS UP TO 24 MPH



## NEWFIELDS PERSONNEL ONSITE:

Personnel	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Aug. 26	Aug. 27	Aug. 28	Aug. 29	Aug. 30	Aug. 31	Sep. 1
Jay Moore	-	-	-	-	-	-	-
Tyler Wendlandt	-	-	PR	PR	PR	PR	PR
Ryan Hunt	-	-	LS	LS	LS	LS	LS
Ben Melly	-	-	LG	LG	LG	LG	LG
Henry Walsh	-	-	GT	GT	GT	-	-
Kate Melberg	-	-	GT	GT	GT	GT	GT
Callie Urbas	-	-	ST	ST	ST	GT	GT
Ryan Benefiel	-	-	ST	ST	ST	ST	ST
PR – Project Resident; LS – Lead Soils Technician; LG – Lead Geosynthetics; ST – Soils Technician; GT - Geosynthetics Technician; LT – Laboratory Technician; PCE – Project Certifying Engineer							

## 1.0 CONTRACTOR OPERATIONS

### 1.1 Earthworks

#### 1.1.1 Subgrade

- Subgrade preparation has been completed for Stage A.

#### 1.1.2 Structural Fill

Structural fill has been completed for Stage A.

#### 1.1.3 Soil Liner Fill

KTI and JHL continued placing SLF on the flat areas and channel between the VLF2 Phase 2 tie in and the Schist Island Haul Road. Loaders loaded SLF material into haul trucks at the Lower Dump 1 stockpile, which was then delivered to dozers. The SLF was placed in a minimum 12" thick layer and compacted with the smooth drum vibratory roller. In most areas, the SLF layer was placed greater than 12" and trimmed down to design thickness prior to compaction. The SLF placement areas are shown in **Figure 1**.

- The SLF was approved as liner was deployed. 103,718 square feet of SLF was approved for liner.
- NewFields conducted 7 nuclear densometer tests on the finished SLF within the PSSA, all of which met specifications.





#### **1.1.4 Leak Detection Fill**

The Phase 3 Stage A leak detection trenches have been completed.

#### **1.1.5 Drain Cover Fill**

Newmont operations continued deliveries of the crushed Drain Cover Fill Ore to a local stockpile near the VLF2 P3 footprint on an as needed basis.

KTI and JHL continued placing Drain Cover Fill in the VLF2 P3 footprint. Loaders loaded DCF material into haul trucks at the local stockpile, which was then delivered to approved LGP dozers. The DCF material was placed in four foot thick loose lifts for access roads and two foot thick loose lifts for finish grading. GPS dozer placement files were set at two to four tenths over minimum thicknesses to ensure minimum grades were maintained during placement.

JHL personnel continued to monitor DCF lift thicknesses and HVSC piping placement. Personnel shoveled DCF material to control LLDPE surface wrinkles and keep HVSC piping in place.

NewFields personnel monitored dozers as DCF placement progressed for quality assurance. The DCF placement areas are shown in [Figure 3](#).

#### **1.1.6 Anchor Trench**

Approximately 1,104 feet of anchor trench was constructed during the week.

### **1.2 Geosynthetics**

Tetra Tech continued deployment of textured 80-mil LLDPE geomembrane. The edges of the geomembrane were secured with sandbags and rolls of liner. The panel deployment is shown in [Figure 2](#).

- 103,718 square feet of liner was deployed. Stage A geomembrane deployment was completed during the week.
- 6148 linear feet of liner was fusion welded using two to three wedge welding machines and two to three operators.
- 13 destructive tests were marked. 13 destructive samples were tested and passed on fusion welds. 2 destructive samples were tested and passed on extrusion welds.
- Fusion welded seams were pressure tested.
- Some repairs were performed, and vacuum tested.



### 1.3 Laboratory Testing

NewFields continued permeability testing on SLF samples, and continued laboratory testing on DCF samples.

## 2.0 MEETINGS AND COMMUNICATIONS

- NewFields personnel attended the daily safety meetings at 7:00 A.M. on Monday, and at 6:00 A.M. the rest of the week.
- NewFields personnel attended the weekly owners meeting with CC&V, JHL and KTI.

## 3.0 MISCELLANEOUS, ISSUES, AND CONCERNS

- None.

## 4.0 PHOTOGRAPHS

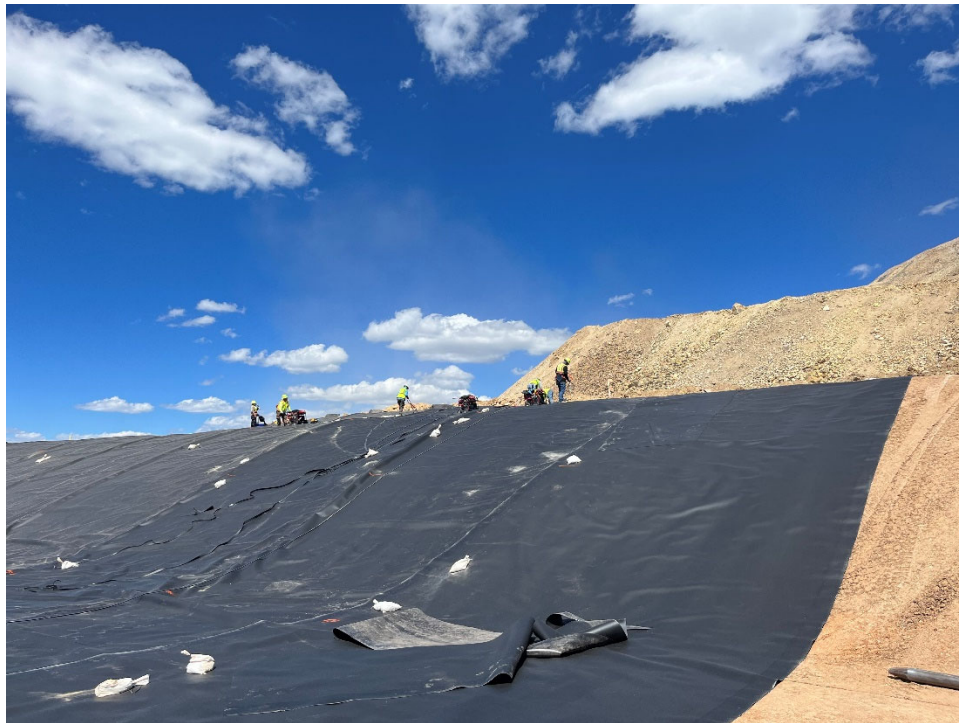


**August 28, 2023 – Pressure testing of fusion welded seams**





**August 29, 2023 – Placement of DCF above the backfill ramp**



**August 30, 2023 – Deployment of LLDPE geomembrane**





**August 31, 2023 – Placement of DCF above Turkey Ridge**



***Report Review and Approval:***

<b>Role</b>	<b>Name</b>	<b>Signature</b>
<b>CQA Monitor/Report Prepared By</b>	<b>Tyler Wendlandt</b>	<i>Tyler Wendlandt</i>
<b><i>Or CQA Designee</i></b>		
<b>Project Engineer</b>	<b>Jeff Gaul</b>	
<b><i>Or Projects Designee</i></b>	<b>John Sperry</b>	<i>John R. Sperry</i>

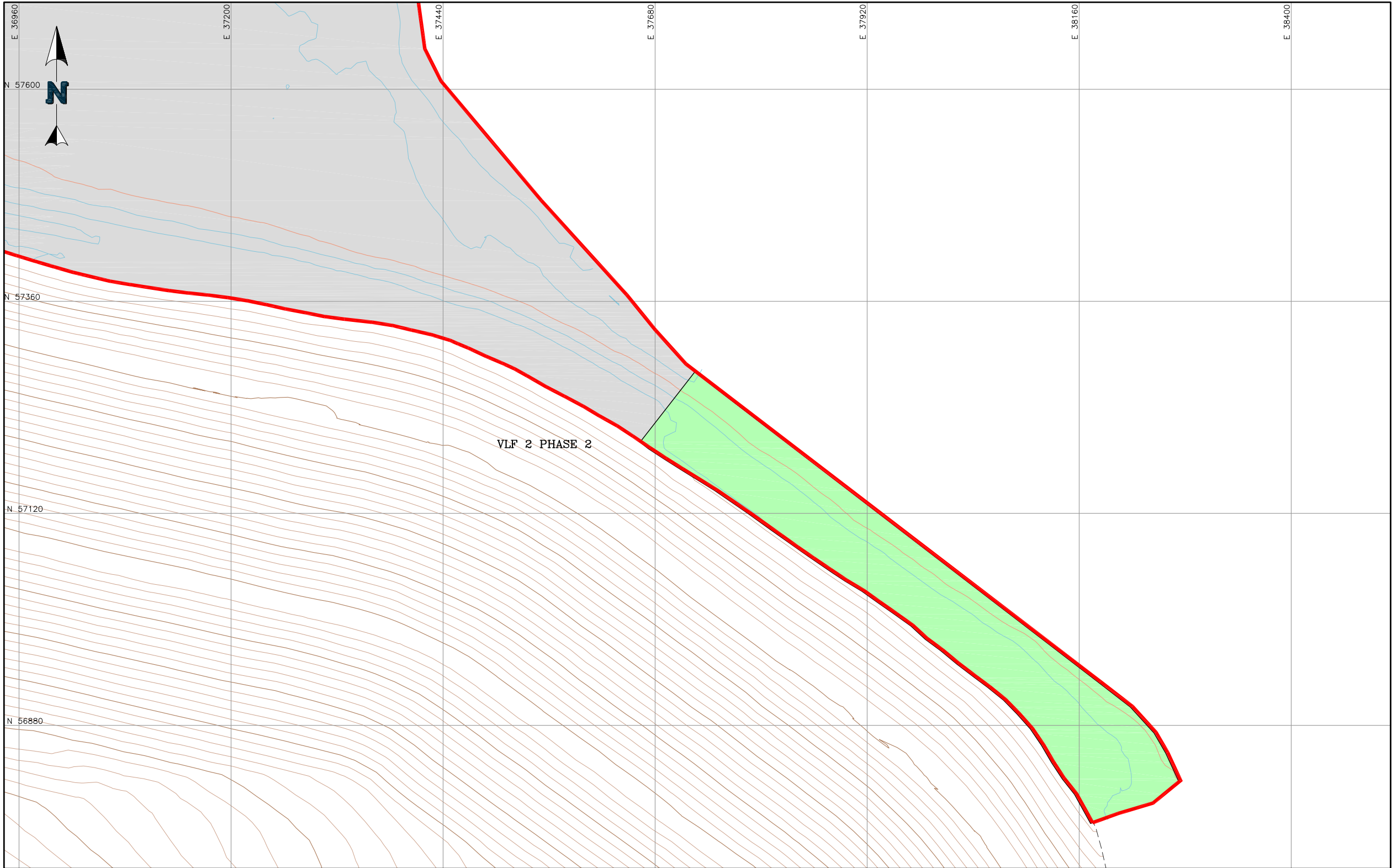
**Attachments:**

Figure 1 - SLF Placement Week Ending 09.01.2023

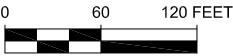
Figure 2 –Geomembrane Deployment Week Ending 09.01.2023


Figure 3 – DCF Placement Week Ending 09.01.2023

P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.042F.dwg-9/11/2023 2:48 PM



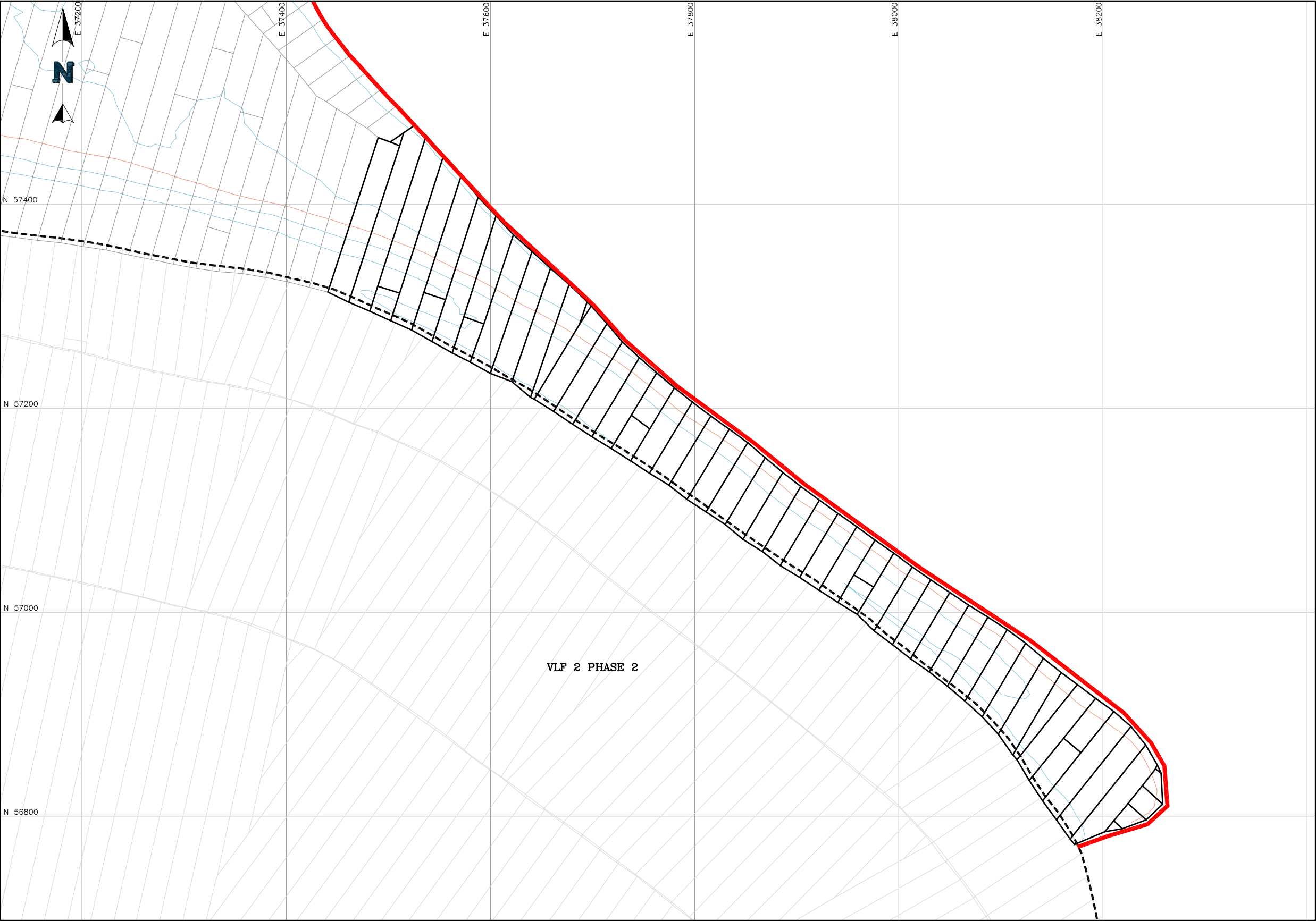
- LEGEND:**
- 2022 PSSA SLF CONTOURS
  - 2023 SUBGRADE CONTOURS
  - VLF2 PHASE 2 SLF CONTOURS
  - SLF PLACEMENT WEEK ENDING 09.01.2023
  - PREVIOUS SLF PLACEMENT
  - VLF 2 PHASE 3 STAGE A LIMITS



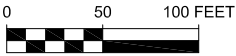
		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		VLF 2 PHASE 3	
TITLE	SLF PLACEMENT WEEK ENDING 09.01.2023	FILENAME 0106.060.042F	
		FIGURE NO. 1	REVISION




P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.034F.dwg-9/11/2023 2:47 PM



- LEGEND:**
- STAGE A.2 AS-BUILT SLF CONTOURS
  - VLF 2 PHASE 3 STAGE A LIMITS
  - VLF 2 PHASE 2 LIMITS
  - STAGE A.1 GEOMEMBRANE LIMITS
  - 80-MIL GEOMEMBRANE DEPLOYMENT WEEK ENDING 9.01.2023
  - PREVIOUS GEOMEMBRANE DEPLOYMENT



		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		VLF 2 PHASE 3	
TITLE	GEOMEMBRANE DEPLOYMENT WEEK ENDING - 09.01.2023	FILENAME 0106.060.034F	
		FIGURE NO. 2	REVISION



## FIELD WEEKLY PROGRESS REPORT

**PROJECT:** VALLEY LEACH FACILITY 2 PHASE 3 2023 QUALITY ASSURANCE OVERSIGHT  
**SITE:** CRIPPLE CREEK & VICTOR GOLD MINE (COLORADO)  
**CONTRACTOR:** NEWMONT CC&V MINING OPERATIONS  
JHL CONSTRUCTORS  
KELLEY TRUCKING INC.  
**WEEK ENDING:** FRIDAY, SEPTEMBER 08, 2023

---

**REPORTING PERIOD: 09.2.2023 THROUGH 09.08.2023**

Days	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Work Shifts – JHL/KTI	-	-	D	D	D	D	D
D – DAYSHIFT		N – NIGHTSHIFT			W – WEATHER		

---

### AMBIENT TEMPERATURE RANGES AND WEATHER CONDITIONS:

HIGHS: 62°F TO 76°F  
LOWS: 42°F TO 52°F  
CLOUD COVER: PARTLY CLOUDY  
PRECIPITATION: 0.56"  
WIND: WIND GUSTS UP TO 16 MPH



## NEWFIELDS PERSONNEL ONSITE:

Personnel	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Sep. 2	Sep. 3	Sep. 4	Sep. 5	Sep. 6	Sep. 7	Sep. 8
Jay Moore	-	-	-	-	-	-	-
Tyler Wendlandt	PR	PR	PR	PR	PR	PR	-
Ryan Hunt	-	-	-	LS	LS	LS	LS
Ben Melly	-	-	-	LG	LG	LG	LG
Henry Walsh	-	-	-	GT	GT	GT	GT
Kate Melberg	ST	-	-	GT	GT	GT	GT
Callie Urbas	-	-	-	ST	ST	GT	GT
Jonah Melly	-	-	-	ST	ST	ST	ST
PR – Project Resident; LS – Lead Soils Technician; LG – Lead Geosynthetics; ST – Soils Technician; GT - Geosynthetics Technician; LT – Laboratory Technician; PCE – Project Certifying Engineer							

## 1.0 CONTRACTOR OPERATIONS

### 1.1 Earthworks

#### 1.1.1 Subgrade

- Subgrade preparation has been completed for Stage A.

#### 1.1.2 Structural Fill

- Structural fill has been completed for Stage A.

#### 1.1.3 Soil Liner Fill

- Soil Liner Fill has been completed for Stage A.

#### 1.1.4 Leak Detection Fill

- The Phase 3 Stage A leak detection trenches have been completed.

#### 1.1.5 Drain Cover Fill

Newmont operations continued deliveries of the crushed Drain Cover Fill Ore to a local stockpile near the VLF2 P3 footprint on an as needed basis.

KTI and JHL continued placing Drain Cover Fill in the VLF2 P3 footprint. Loaders loaded DCF material into haul trucks at the local stockpile, which was then delivered to approved LGP dozers. The DCF material was placed in four foot thick loose lifts for access roads and two foot thick loose





lifts for finish grading. GPS dozer placement files were set at two to four tenths over minimum thicknesses to ensure minimum grades were maintained during placement.

JHL personnel continued to monitor DCF lift thicknesses and HVSC piping placement. Personnel shoveled DCF material to control LLDPE surface wrinkles and keep HVSC piping in place.

NewFields personnel monitored dozers as DCF placement progressed for quality assurance. The DCF placement areas are shown in **Figure 1**.

#### **1.1.6 Anchor Trench**

No new anchor trench was constructed.

### **1.2 Geosynthetics**

Tetra Tech completed the installation of the textured 80-mil LLDPE geomembrane for Stage A.

### **1.3 Laboratory Testing**

NewFields continued permeability testing on SLF samples, and continued laboratory testing on DCF samples.

## **2.0 MEETINGS AND COMMUNICATIONS**

- NewFields personnel attended the daily safety meetings at 7:00 A.M. on Monday, and at 6:00 A.M. the rest of the week.
- NewFields personnel attended the weekly owners meeting with CC&V, JHL and KTI.

## **3.0 MISCELLANEOUS, ISSUES, AND CONCERNS**

- NewFields personnel monitored the installation of the Well casings for the future placement of the water level indicators in the PSSA by Boart Longyear. A sonic drill rig drilled 4 holes and placed screens and casing adjacent to the HVSC riser pipes to a verified depth of 50 feet. A 5<sup>th</sup> hole was drilled and screens and casings were installed adjacent to the E-house foundation to a verified depth of 45 feet. Drill steel was measured and counted by NewFields as drilling took place to verify the drill never came closer than 10' to the PSSA geomembrane. Foresight West provided survey support.



## 4.0 PHOTOGRAPHS



**September 4, 2023 – Construction of well by E-house**



**September 4, 2023 – Construction of well by E-house and in place wells**





**September 5, 2023 – Placement of DCF above Turkey Ridge**



**September 5, 2023 – Vacuum testing of LLDPE repairs**





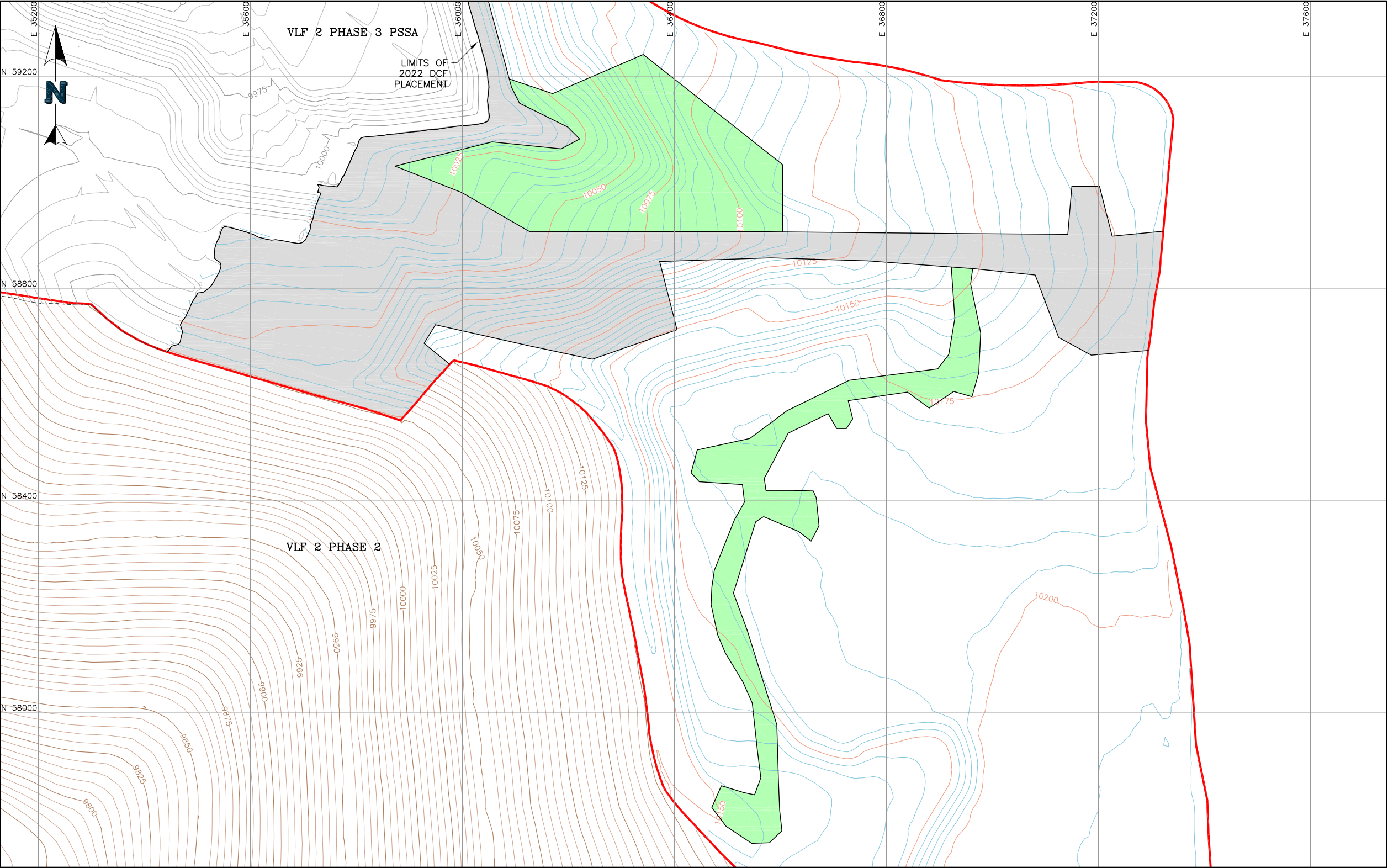
***Report Review and Approval:***

Role	Name	Signature
<b>CQA Monitor/Report Prepared By</b>	<b>Tyler Wendlandt</b>	<i>Tyler Wendlandt</i>
<b><i>Or CQA Designee</i></b>		
<b>Project Engineer</b>	<b>Jeff Gaul</b>	
<b><i>Or Projects Designee</i></b>	John Sperry	<i>John R. Sperry</i>

**Attachments:**

Figure 1 – DCF Placement Week Ending 09.08.2023

P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.56F.dwg-10/5/2023 3:36 PM





## FIELD WEEKLY PROGRESS REPORT

**PROJECT:** VALLEY LEACH FACILITY 2 PHASE 3 2023 QUALITY ASSURANCE OVERSIGHT  
**SITE:** CRIPPLE CREEK & VICTOR GOLD MINE (COLORADO)  
**CONTRACTOR:** NEWMONT CC&V MINING OPERATIONS  
JHL CONSTRUCTORS  
KELLEY TRUCKING INC.  
**WEEK ENDING:** FRIDAY, SEPTEMBER 15, 2023

**REPORTING PERIOD: 09.09.2023 THROUGH 09.15.2023**

Days	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Work Shifts – JHL/KTI	-	-	D	D	D	D	D
D – DAYSHIFT		N – NIGHTSHIFT			W – WEATHER		

### AMBIENT TEMPERATURE RANGES AND WEATHER CONDITIONS:

HIGHS: 41°F TO 58°F  
LOWS: 35°F TO 43°F  
CLOUD COVER: PARTLY CLOUDY  
PRECIPITATION: 0.56"  
WIND: WIND GUSTS UP TO 16 MPH

### NEWFIELDS PERSONNEL ONSITE:

Personnel	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Sep. 9	Sep. 10	Sep. 11	Sep. 12	Sep. 13	Sep. 14	Sep. 15
Jay Moore	-	-	-	-	-	-	-
Tyler Wendlandt	-	-	PR	PR	PR	PR	PR
Ryan Hunt	-	-	LS	LS	LS	LS	LS
Ben Melly	-	-	LG	LG	LG	LG	LG
Kate Melberg	-	-	ST	ST	ST	ST	ST
Callie Urbas	-	-	ST	ST	LT	LT	LT
Jonah Melly	-	-	ST	ST	ST	ST	ST
PR – Project Resident; LS – Lead Soils Technician; LG – Lead Geosynthetics; ST – Soils Technician; GT – Geosynthetics Technician; LT – Laboratory Technician; PCE – Project Certifying Engineer							





## **1.0 CONTRACTOR OPERATIONS**

### **1.1 Earthworks**

#### **1.1.1 Subgrade**

- Subgrade preparation has been completed for Stage A.

#### **1.1.2 Structural Fill**

- Structural fill has been completed for Stage A.

#### **1.1.3 Soil Liner Fill**

- Soil Liner Fill has been completed for Stage A.

#### **1.1.4 Leak Detection Fill**

- The Phase 3 Stage A leak detection trenches have been completed.

#### **1.1.5 Drain Cover Fill**

Newmont operations continued deliveries of the crushed Drain Cover Fill Ore to a local stockpile near the VLF2 P3 footprint on an as needed basis.

KTI and JHL continued placing Drain Cover Fill in the VLF2 P3 footprint. Loaders loaded DCF material into haul trucks at the local stockpile, which was then delivered to approved LGP dozers. The DCF material was placed in four foot thick loose lifts for access roads and two foot thick loose lifts for finish grading. GPS dozer placement files were set at two to four tenths over minimum thicknesses to ensure minimum grades were maintained during placement.

JHL personnel continued to monitor DCF lift thicknesses and HVSC piping placement. Personnel shoveled DCF material to control LLDPE surface wrinkles and keep HVSC piping in place.

NewFields personnel monitored dozers as DCF placement progressed for quality assurance. The DCF placement areas are shown in **Figure 1**.

### **1.2 Geosynthetics**

Tetra Tech completed the installation of the textured 80-mil LLDPE geomembrane for Stage A.

### **1.3 Laboratory Testing**

NewFields continued permeability testing on SLF samples, and continued laboratory testing on DCF samples.



## 2.0 MEETINGS AND COMMUNICATIONS

- NewFields personnel attended the daily safety meetings at 7:00 A.M. on Monday, and at 6:00 A.M. the rest of the week.
- NewFields personnel attended the weekly owners meeting with CC&V, JHL and KTI.

## 3.0 MISCELLANEOUS, ISSUES, AND CONCERNS

- Inclement weather disconnected some sections of installed 24-inch CPeP HVSC pipe during the week. JHL personnel utilized shell couplers to reattach sections of pipe.

## 4.0 PHOTOGRAPHS



**September 12, 2023 – Placement of 4-foot minimum DCF road**



**September 13, 2023 – Placement of 6-foot minimum DCF road**





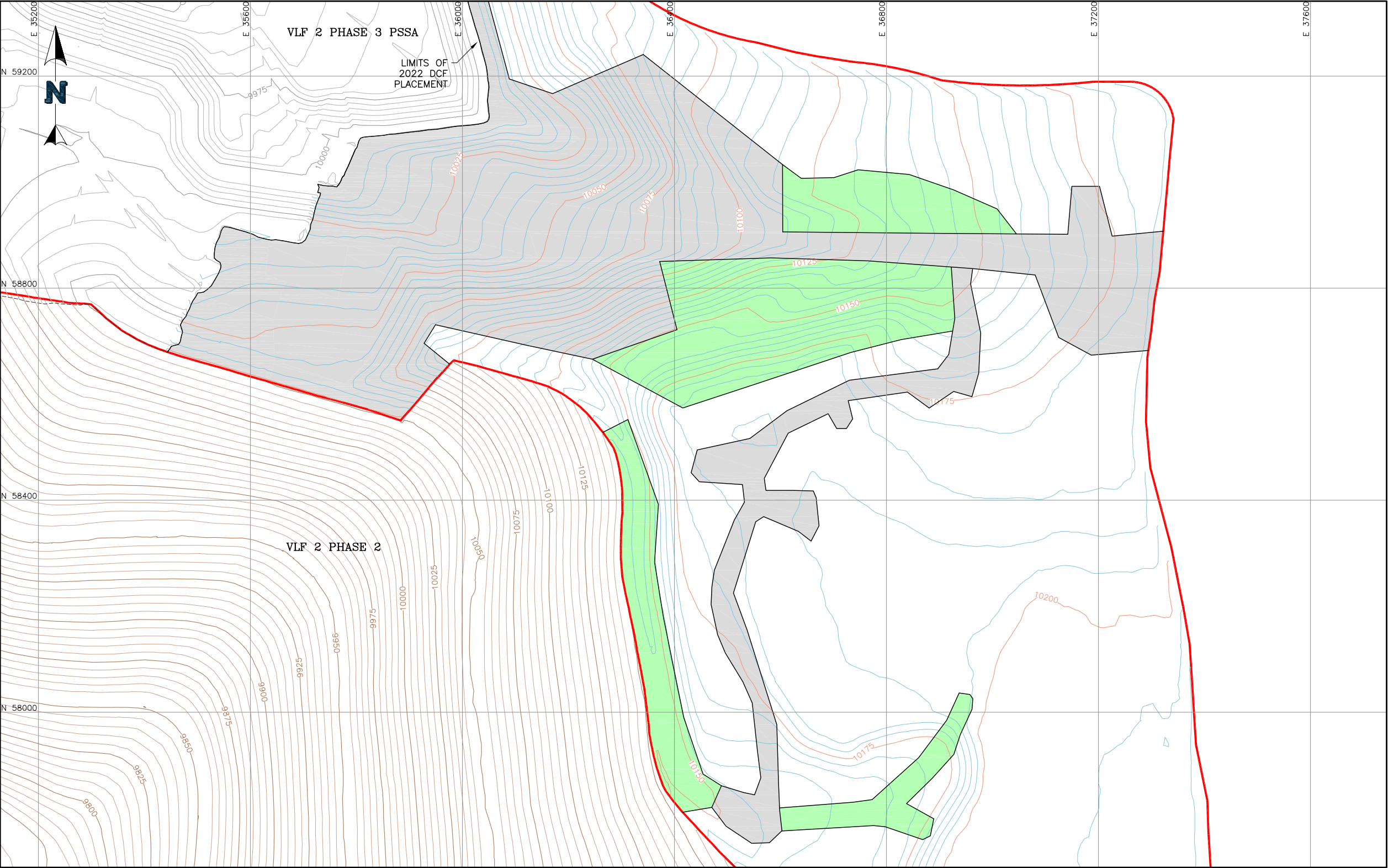
**Report Review and Approval:**

Role	Name	Signature
<b>CQA Monitor/Report Prepared By</b>	<b>Tyler Wendlandt</b>	<i>Tyler Wendlandt</i>
<b>Or CQA Designee</b>		
<b>Project Engineer</b>	<b>Jeff Gaul</b>	
<b>Or Projects Designee</b>	John Sperry	<i>John R. Sperry</i>

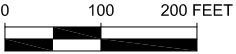
**Attachments:**


Figure 1 – DCF Placement Week Ending 09.015.2023

P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.57F.dwg-10/5/2023 3:36 PM



- LEGEND:**
- 2022 PSSA DCF CONTOURS
  - 2023 SLF CONTOURS
  - VLF2 PHASE 2 SLF CONTOURS
  - DCF PLACEMENT WEEK ENDING 09.15.2023
  - PREVIOUS DCF PLACEMENT
  - VLF 2 PHASE 3 STAGE A LIMITS



		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		VLF 2 PHASE 3	
TITLE	DCF PLACEMENT WEEK ENDING 09.15.2023	FILENAME	
		0106.060.57F	
		FIGURE NO. REVISION	
		1	



## FIELD WEEKLY PROGRESS REPORT

**PROJECT:** VALLEY LEACH FACILITY 2 PHASE 3 2023 QUALITY ASSURANCE OVERSIGHT  
**SITE:** CRIPPLE CREEK & VICTOR GOLD MINE (COLORADO)  
**CONTRACTOR:** NEWMONT CC&V MINING OPERATIONS  
JHL CONSTRUCTORS  
KELLEY TRUCKING INC.  
**WEEK ENDING:** FRIDAY, SEPTEMBER 22, 2023

**REPORTING PERIOD: 09.16.2023 THROUGH 09.22.2023**

Days	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Work Shifts – JHL/KTI	-	-	D	D	D	D	D
D – DAYSHIFT		N – NIGHTSHIFT			W – WEATHER		

### AMBIENT TEMPERATURE RANGES AND WEATHER CONDITIONS:

HIGHS: 58°F TO 62°F  
LOWS: 40°F TO 42°F  
CLOUD COVER: PARTLY CLOUDY  
PRECIPITATION: NONE  
WIND: WIND GUSTS UP TO 19 MPH

### NEWFIELDS PERSONNEL ONSITE:

Personnel	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Sep. 16	Sep. 17	Sep. 18	Sep. 19	Sep. 20	Sep. 21	Sep. 22
Jay Moore	-	-	-	-	-	-	-
Tyler Wendlandt	-	-	PR	PR	PR	PR	PR
Ryan Hunt	-	-	LS	LS	LS	LS	LS
Ben Melly	-	-	LG	LG	LG	LG	LG
Kate Melberg	-	-	-	ST	ST	ST	ST
Callie Urbas	-	-	ST	ST	LT	LT	LT
Jonah Melly	-	-	ST	ST	ST	ST	ST
PR – Project Resident; LS – Lead Soils Technician; LG – Lead Geosynthetics; ST – Soils Technician; GT – Geosynthetics Technician; LT – Laboratory Technician; PCE – Project Certifying Engineer							





## **1.0 CONTRACTOR OPERATIONS**

### **1.1 Earthworks**

#### **1.1.1 Subgrade**

- Subgrade preparation has been completed for Stage A.

#### **1.1.2 Structural Fill**

- Structural fill has been completed for Stage A.

#### **1.1.3 Soil Liner Fill**

- Soil Liner Fill has been completed for Stage A.

#### **1.1.4 Leak Detection Fill**

- The Phase 3 Stage A leak detection trenches have been completed.

#### **1.1.5 Drain Cover Fill**

Newmont operations continued deliveries of the crushed Drain Cover Fill Ore to a local stockpile near the VLF2 P3 footprint on an as needed basis.

KTI and JHL continued placing Drain Cover Fill in the VLF2 P3 footprint. Loaders loaded DCF material into haul trucks at the local stockpile, which was then delivered to approved LGP dozers. The DCF material was placed in four foot thick loose lifts for access roads and two foot thick loose lifts for finish grading. GPS dozer placement files were set at two to four tenths over minimum thicknesses to ensure minimum grades were maintained during placement.

JHL personnel continued to monitor DCF lift thicknesses and HVSC piping placement. Personnel shoveled DCF material to control LLDPE surface wrinkles and keep HVSC piping in place.

NewFields personnel monitored dozers as DCF placement progressed for quality assurance. The DCF placement areas are shown in **Figure 1**.

### **1.2 Geosynthetics**

Tetra Tech completed the installation of the textured 80-mil LLDPE geomembrane for Stage A.

### **1.3 Laboratory Testing**

NewFields continued permeability testing on SLF samples, and continued laboratory testing on DCF samples.



## 2.0 MEETINGS AND COMMUNICATIONS

- NewFields personnel attended the daily safety meetings at 7:00 A.M. on Monday, and at 6:00 A.M. the rest of the week.
- NewFields personnel attended the weekly owners meeting with CC&V, JHL and KTI.

## 3.0 MISCELLANEOUS, ISSUES, AND CONCERNS

- Inclement weather disconnected some sections of installed 24-inch CPeP HVSC pipe during the week. JHL personnel utilized shell couplers to reattach sections of pipe.

## 4.0 PHOTOGRAPHS



**September 19, 2023 – Placement of DCF**



**September 20, 2023 – Placement of DCF**



**September 21, 2023 – Placement of DCF**





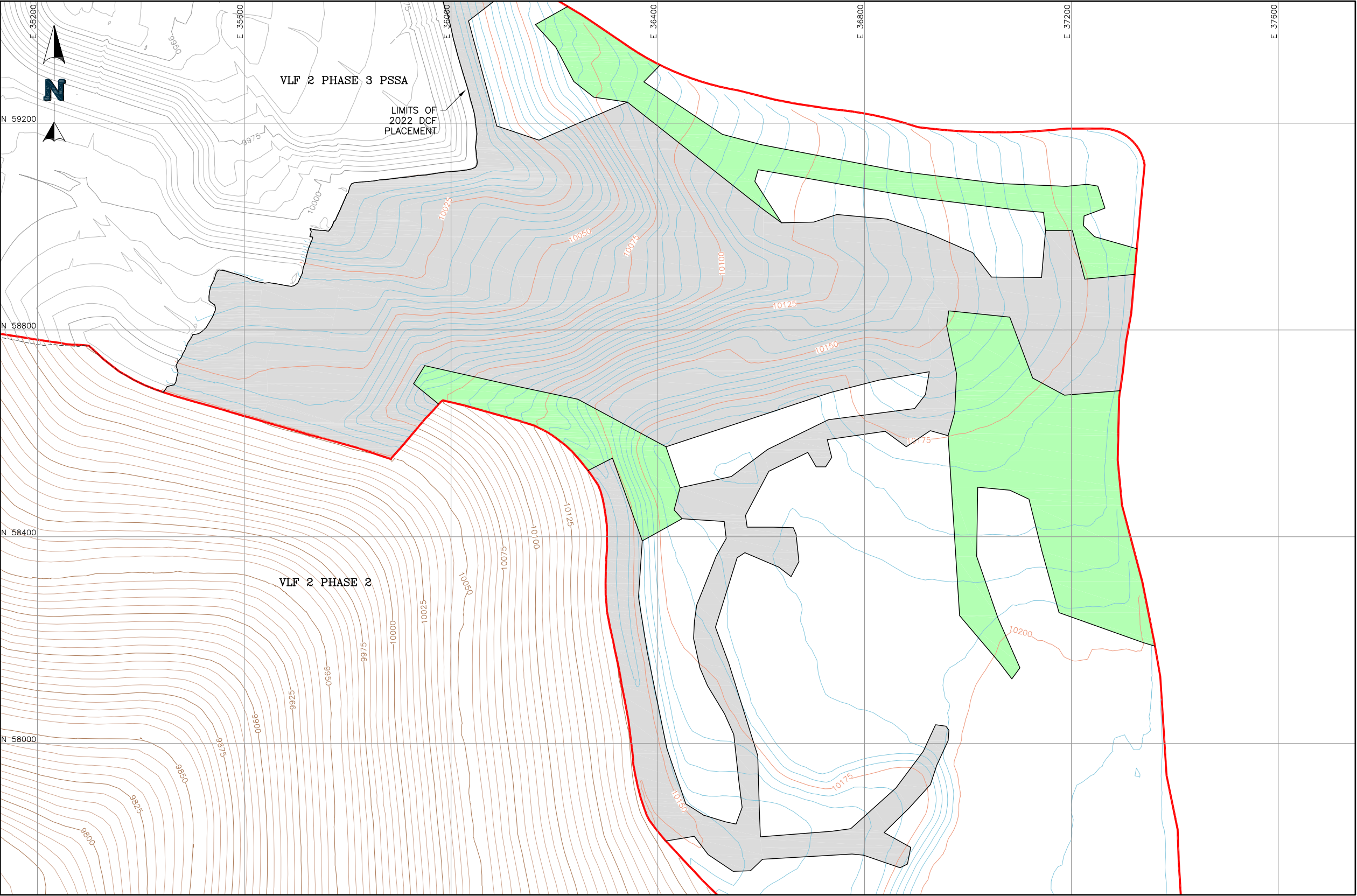
**Report Review and Approval:**

Role	Name	Signature
<b>CQA Monitor/Report Prepared By</b>	<b>Tyler Wendlandt</b>	<i>Tyler Wendlandt</i>
<b><i>Or CQA Designee</i></b>		
<b>Project Engineer</b>	<b>Jeff Gaul</b>	
<b><i>Or Projects Designee</i></b>	John Sperry	<i>John R. Sperry</i>


**Attachments:**

Figure 1 – DCF Placement Week Ending 09.22.2023

P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.58F.dwg-10/5/2023 4:30 PM



- LEGEND:**
- 2022 PSSA DCF CONTOURS
  - 2023 SLF CONTOURS
  - VLF2 PHASE 2 SLF CONTOURS
  - DCF PLACEMENT WEEK ENDING 09.22.2023
  - PREVIOUS DCF PLACEMENT
  - VLF 2 PHASE 3 STAGE A LIMITS

		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		VLF 2 PHASE 3	
TITLE	DCF PLACEMENT WEEK ENDING 09.22.2023	FILENAME	
		0106.060.58F	
		FIGURE NO. REVISION	
		1	



## FIELD WEEKLY PROGRESS REPORT

**PROJECT:** VALLEY LEACH FACILITY 2 PHASE 3 2023 QUALITY ASSURANCE OVERSIGHT  
**SITE:** CRIPPLE CREEK & VICTOR GOLD MINE (COLORADO)  
**CONTRACTOR:** NEWMONT CC&V MINING OPERATIONS  
JHL CONSTRUCTORS  
KELLEY TRUCKING INC.  
**WEEK ENDING:** FRIDAY, SEPTEMBER 29, 2023

**REPORTING PERIOD: 09.23.2023 THROUGH 09.29.2023**

Days	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Work Shifts – JHL/KTI	-	-	D	D	D	D	D
D – DAYSHIFT		N – NIGHTSHIFT			W – WEATHER		

### AMBIENT TEMPERATURE RANGES AND WEATHER CONDITIONS:

HIGHS: 66°F TO 68°F  
LOWS: 43°F TO 49°F  
CLOUD COVER: PARTLY CLOUDY  
PRECIPITATION: .03"  
WIND: WIND GUSTS UP TO 18 MPH

### NEWFIELDS PERSONNEL ONSITE:

Personnel	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Sep. 23	Sep. 24	Sep. 25	Sep. 26	Sep. 27	Sep. 28	Sep. 29
Jay Moore	-	-	-	-	-	-	-
Tyler Wendlandt	-	-	PR	PR	PR	PR	PR
Ryan Hunt	-	-	LS	LS	LS	LS	LS
Ben Melly	-	-	LG	LG	LG	LG	LG
Kate Melberg	-	-	LT	LT	LT	LT	LT
Shay Christiansen	-	-	ST	ST	ST	ST	-
Jonah Melly	-	-	ST	ST	ST	ST	ST
PR – Project Resident; LS – Lead Soils Technician; LG – Lead Geosynthetics; ST – Soils Technician; GT – Geosynthetics Technician; LT – Laboratory Technician; PCE – Project Certifying Engineer							





## **1.0 CONTRACTOR OPERATIONS**

### **1.1 Earthworks**

#### **1.1.1 Subgrade**

- Subgrade preparation has been completed for Stage A.

#### **1.1.2 Structural Fill**

- Structural fill has been completed for Stage A.

#### **1.1.3 Soil Liner Fill**

- Soil Liner Fill has been completed for Stage A.

#### **1.1.4 Leak Detection Fill**

- The Phase 3 Stage A leak detection trenches have been completed.

#### **1.1.5 Drain Cover Fill**

Newmont operations continued deliveries of the crushed Drain Cover Fill Ore to a local stockpile near the VLF2 P3 footprint on an as needed basis.

KTI and JHL continued placing Drain Cover Fill in the VLF2 P3 footprint. Loaders loaded DCF material into haul trucks at the local stockpile, which was then delivered to approved LGP dozers. The DCF material was placed in four foot thick loose lifts for access roads and two foot thick loose lifts for finish grading. GPS dozer placement files were set at two to four tenths over minimum thicknesses to ensure minimum grades were maintained during placement.

JHL personnel continued to monitor DCF lift thicknesses and HVSC piping placement. Personnel shoveled DCF material to control LLDPE surface wrinkles and keep HVSC piping in place.

NewFields personnel monitored dozers as DCF placement progressed for quality assurance. The DCF placement areas are shown in **Figure 1**.

### **1.2 Geosynthetics**

Tetra Tech completed the installation of the textured 80-mil LLDPE geomembrane for Stage A.

### **1.3 Laboratory Testing**

NewFields continued permeability testing on SLF samples, and continued laboratory testing on DCF samples.



## 2.0 MEETINGS AND COMMUNICATIONS

- NewFields personnel attended the daily safety meetings at 7:00 A.M. on Monday, and at 6:00 A.M. the rest of the week.
- NewFields personnel attended the weekly owners meeting with CC&V, JHL and KTI.

## 3.0 MISCELLANEOUS, ISSUES, AND CONCERNS

- None.

## 4.0 PHOTOGRAPHS



**September 25, 2023 – Placement of DCF**



**September 26, 2023 – Placement of DCF on 4 foot minimum road**



**September 29, 2023 – Placement of DCF**





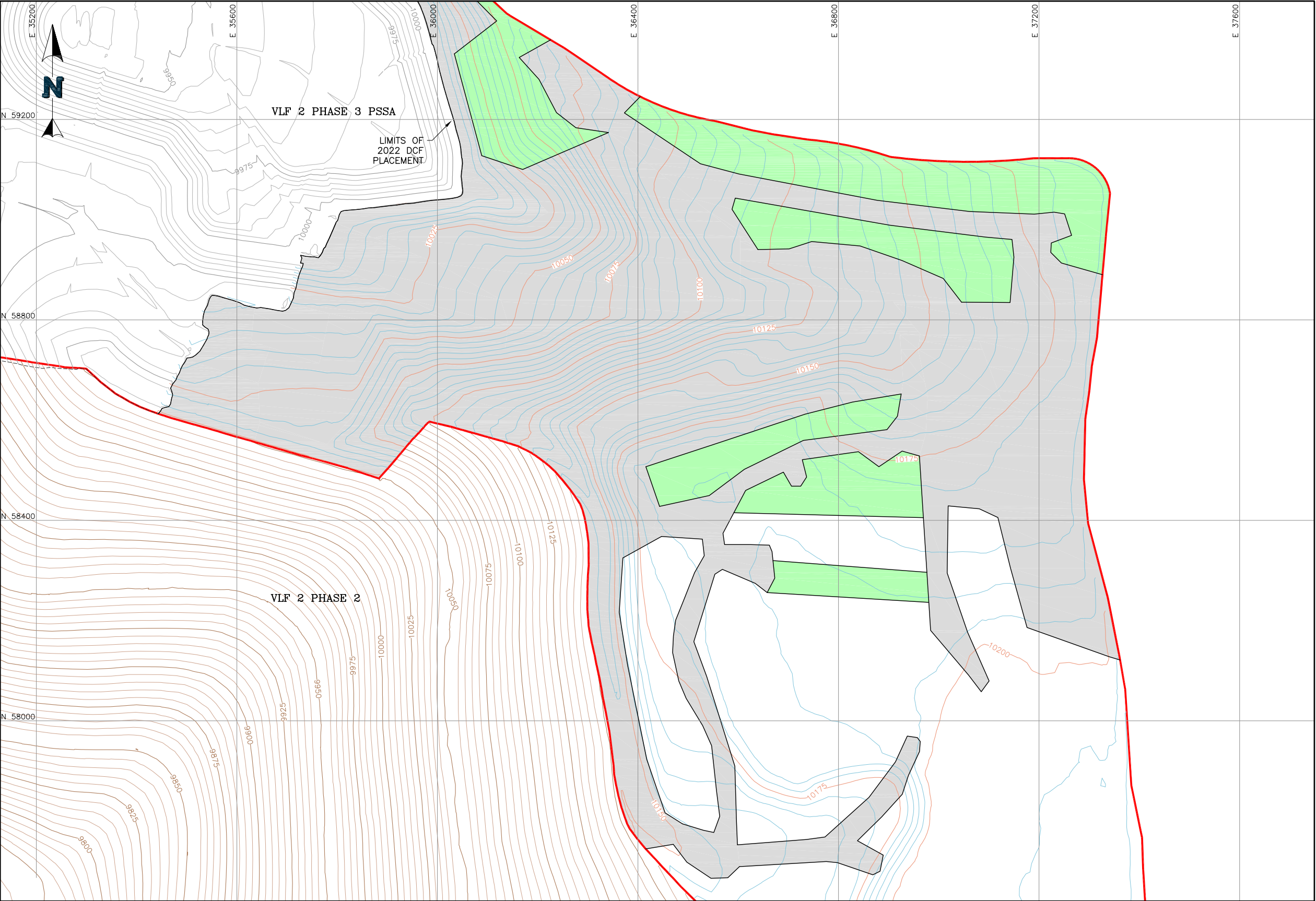
**Report Review and Approval:**

Role	Name	Signature
<b>CQA Monitor/Report Prepared By</b>	<b>Tyler Wendlandt</b>	<i>Tyler Wendlandt</i>
<b><i>Or CQA Designee</i></b>		
<b>Project Engineer</b>	<b>Jeff Gaul</b>	
<b><i>Or Projects Designee</i></b>	John Sperry	<i>John R. Sperry</i>


**Attachments:**

Figure 1 – DCF Placement Week Ending 09.29.2023

P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.59F.dwg-10/5/2023 4:30 PM



- LEGEND:**
- 2022 PSSA DCF CONTOURS
  - 2023 SLF CONTOURS
  - VLF2 PHASE 2 SLF CONTOURS
  - DCF PLACEMENT WEEK ENDING 09.29.2023
  - PREVIOUS DCF PLACEMENT
  - VLF 2 PHASE 3 STAGE A LIMITS

		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		VLF 2 PHASE 3	
TITLE	DCF PLACEMENT WEEK ENDING 09.29.2023	FILENAME	
		0106.060.59F	
		FIGURE NO. REVISION	
		1	



## FIELD WEEKLY PROGRESS REPORT

**PROJECT:** VALLEY LEACH FACILITY 2 PHASE 3 2023 QUALITY ASSURANCE OVERSIGHT  
**SITE:** CRIPPLE CREEK & VICTOR GOLD MINE (COLORADO)  
**CONTRACTOR:** NEWMONT CC&V MINING OPERATIONS  
JHL CONSTRUCTORS  
KELLEY TRUCKING INC.  
**WEEK ENDING:** FRIDAY, OCTOBER 06, 2023

**REPORTING PERIOD: 09.30.2023 THROUGH 10.06.2023**

Days	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Work Shifts – JHL/KTI	-	-	D	D	D	D	D
D – DAYSHIFT		N – NIGHTSHIFT			W – WEATHER		

### AMBIENT TEMPERATURE RANGES AND WEATHER CONDITIONS:

HIGHS: 45°F TO 61°F  
LOWS: 34°F TO 41°F  
CLOUD COVER: PARTLY CLOUDY  
PRECIPITATION: .21"  
WIND: WIND GUSTS UP TO 22 MPH

### NEWFIELDS PERSONNEL ONSITE:

Personnel	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Sep. 30	Oct. 1	Oct. 2	Oct. 3	Oct. 4	Oct. 5	Oct. 6
Jay Moore	-	-	-	-	-	-	-
Tyler Wendlandt	-	-	PR	PR	PR	PR	PR
Ryan Hunt	-	-	LS	LS	LS	LS	LS
Ben Melly	-	-	LG	LG	LG	LG	LG
Kate Melberg	-	-	LT	LT	LT	LT	-
Shay Christiansen	-	-	ST	ST	ST	ST	-
Jonah Melly	-	-	ST	ST	ST	ST	ST

PR – Project Resident; LS – Lead Soils Technician; LG – Lead Geosynthetics; ST – Soils Technician; GT - Geosynthetics Technician; LT – Laboratory Technician; PCE – Project Certifying Engineer





## **1.0 CONTRACTOR OPERATIONS**

### **1.1 Earthworks**

#### **1.1.1 Subgrade**

- Subgrade preparation has been completed for Stage A.

#### **1.1.2 Structural Fill**

- Structural fill has been completed for Stage A.

#### **1.1.3 Soil Liner Fill**

- Soil Liner Fill has been completed for Stage A.

#### **1.1.4 Leak Detection Fill**

- The Phase 3 Stage A leak detection trenches have been completed.

#### **1.1.5 Drain Cover Fill**

Newmont operations continued deliveries of the crushed Drain Cover Fill Ore to a local stockpile near the VLF2 P3 footprint on an as needed basis.

KTI and JHL continued placing Drain Cover Fill in the VLF2 P3 footprint. Loaders loaded DCF material into haul trucks at the local stockpile, which was then delivered to approved LGP dozers. The DCF material was placed in four foot thick loose lifts for access roads and two foot thick loose lifts for finish grading. GPS dozer placement files were set at two to four tenths over minimum thicknesses to ensure minimum grades were maintained during placement.

JHL personnel continued to monitor DCF lift thicknesses and HVSC piping placement. Personnel shoveled DCF material to control LLDPE surface wrinkles and keep HVSC piping in place.

NewFields personnel monitored dozers as DCF placement progressed for quality assurance. The DCF placement areas are shown in **Figure 1**.

### **1.2 Geosynthetics**

Tetra Tech completed the installation of the textured 80-mil LLDPE geomembrane for Stage A.

### **1.3 Laboratory Testing**

NewFields continued permeability testing on SLF samples, and continued laboratory testing on DCF samples.



## 2.0 MEETINGS AND COMMUNICATIONS

- NewFields personnel attended the daily safety meetings at 7:00 A.M. on Monday, and at 6:00 A.M. the rest of the week.
- NewFields personnel attended the weekly owners meeting with CC&V, JHL and KTI.

## 3.0 MISCELLANEOUS, ISSUES, AND CONCERNS

- None.

## 4.0 PHOTOGRAPHS



**October 3, 2023 – Loading of DCF at stockpile**





**October 4, 2023 – Placement of DCF**



**October 4, 2023 – Placement of DCF on 6 foot minimum road**





**October 6, 2023 – Placement of DCF on 6 foot minimum road**



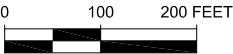
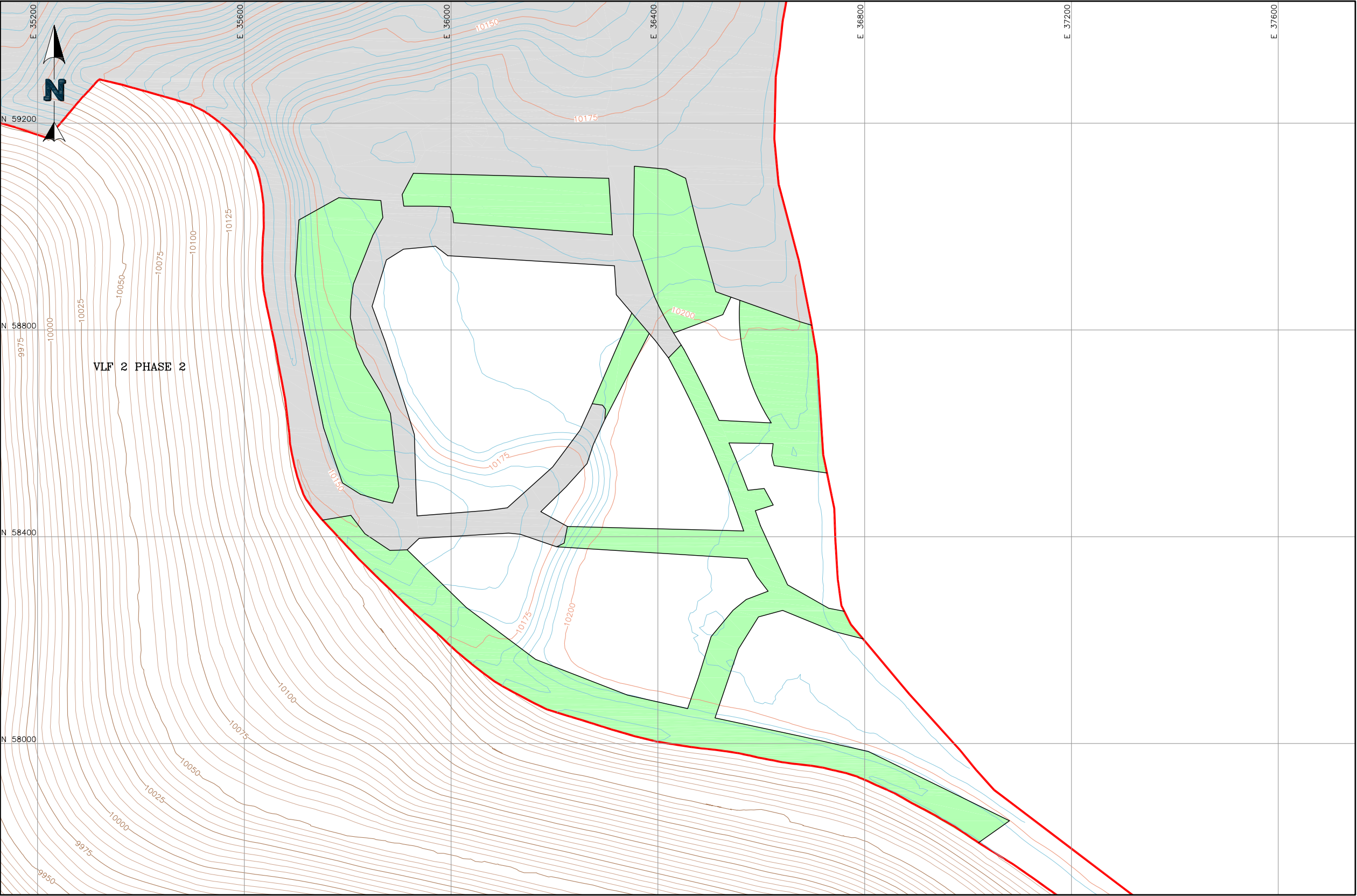
**Report Review and Approval:**

Role	Name	Signature
<b>CQA Monitor/Report Prepared By</b>	<b>Tyler Wendlandt</b>	<i>Tyler Wendlandt</i>
<b>Or CQA Designee</b>		
<b>Project Engineer</b>	<b>Jeff Gaul</b>	
<b>Or Projects Designee</b>	John Sperry	<i>John R. Sperry</i>


**Attachments:**

Figure 1 – DCF Placement Week Ending 10.06.2023

P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.61F.dwg-10/5/2023 4:30 PM



- LEGEND:**
- 2022 PSSA DCF CONTOURS
  - 2023 SLF CONTOURS
  - VLF2 PHASE 2 SLF CONTOURS
  - DCF PLACEMENT WEEK ENDING 10.06.2023
  - PREVIOUS DCF PLACEMENT
  - VLF 2 PHASE 3 STAGE A LIMITS

		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		VLF 2 PHASE 3	
TITLE	DCF PLACEMENT WEEK ENDING 10.06.2023	FILENAME 0106.060.61F	
		FIGURE NO. 1	REVISION





## FIELD WEEKLY PROGRESS REPORT

**PROJECT:** VALLEY LEACH FACILITY 2 PHASE 3 2023 QUALITY ASSURANCE OVERSIGHT  
**SITE:** CRIPPLE CREEK & VICTOR GOLD MINE (COLORADO)  
**CONTRACTOR:** NEWMONT CC&V MINING OPERATIONS  
JHL CONSTRUCTORS  
KELLEY TRUCKING INC.  
**WEEK ENDING:** FRIDAY, OCTOBER 13, 2023

**REPORTING PERIOD: 10.07.2023 THROUGH 10.13.2023**

Days	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Work Shifts – JHL/KTI	-	-	D	D	D	D	D
D – DAYSHIFT		N – NIGHTSHIFT			W – WEATHER		

### AMBIENT TEMPERATURE RANGES AND WEATHER CONDITIONS:

HIGHS: 44°F TO 61°F  
LOWS: 24°F TO 34°F  
CLOUD COVER: PARTLY CLOUDY  
PRECIPITATION: 0.0"  
WIND: WIND GUSTS UP TO 25 MPH

### NEWFIELDS PERSONNEL ONSITE:

Personnel	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Oct. 7	Oct. 8	Oct. 9	Oct. 10	Oct. 11	Oct. 12	Oct. 13
Jay Moore	-	-	-	-	PCE	-	-
Tyler Wendlandt	-	-	PR	PR	PR	PR	PR
Ryan Hunt	-	-	LS	LS	LS	LS	LS
Ben Melly	-	-	LG	LG	LG	LG	LG
Kate Melberg	-	-	-	-	-	-	-
Shay Christiansen	-	-	ST	ST	ST	ST	ST
Jonah Melly	-	-	ST	ST	ST	ST	ST
PR – Project Resident; LS – Lead Soils Technician; LG – Lead Geosynthetics; ST – Soils Technician; GT – Geosynthetics Technician; LT – Laboratory Technician; PCE – Project Certifying Engineer							



## **1.0 CONTRACTOR OPERATIONS**

### **1.1 Earthworks**

#### **1.1.1 Subgrade**

- Subgrade preparation has been completed for Stage A.

#### **1.1.2 Structural Fill**

- Structural fill has been completed for Stage A.

#### **1.1.3 Soil Liner Fill**

- Soil Liner Fill has been completed for Stage A.

#### **1.1.4 Leak Detection Fill**

- The Phase 3 Stage A leak detection trenches have been completed.

#### **1.1.5 Drain Cover Fill**

Newmont operations continued deliveries of the crushed Drain Cover Fill Ore to a local stockpile near the VLF2 P3 footprint on an as needed basis.

KTI and JHL continued placing Drain Cover Fill in the VLF2 P3 footprint. Loaders loaded DCF material into haul trucks at the local stockpile, which was then delivered to approved LGP dozers. The DCF material was placed in four foot thick loose lifts for access roads and two foot thick loose lifts for finish grading. GPS dozer placement files were set at two to four tenths over minimum thicknesses to ensure minimum grades were maintained during placement.

JHL personnel continued to monitor DCF lift thicknesses and HVSC piping placement. Personnel shoveled DCF material to control LLDPE surface wrinkles and keep HVSC piping in place.

NewFields personnel monitored dozers as DCF placement progressed for quality assurance. The DCF placement areas are shown in **Figure 1**.

### **1.2 Geosynthetics**

Tetra Tech completed the installation of the textured 80-mil LLDPE geomembrane for Stage A.

### **1.3 Laboratory Testing**

NewFields continued permeability testing on SLF samples, and continued laboratory testing on DCF samples.



## 2.0 MEETINGS AND COMMUNICATIONS

- NewFields personnel attended the daily safety meetings at 7:00 A.M. on Monday, and at 6:00 A.M. the rest of the week.
- NewFields personnel attended the weekly owners meeting with CC&V, JHL and KTI.

## 3.0 MISCELLANEOUS, ISSUES, AND CONCERNS

- None.

## 4.0 PHOTOGRAPHS



**October 9, 2023 – Placement of DCF 2 foot minimum thickness**





**October 9, 2023 – Placement of DCF 6 foot minimum road**



**October 11, 2023 – Placement of DCF over LVSC piping**



**Report Review and Approval:**

Role	Name	Signature
<b>CQA Monitor/Report Prepared By</b>	<b>Tyler Wendlandt</b>	<i>Tyler Wendlandt</i>
<b>Or CQA Designee</b>		
<b>Project Engineer</b>	<b>Jeff Gaul</b>	
<b>Or Projects Designee</b>	John Sperry	<i>John R. Sperry</i>

**Attachments:**


Figure 1 – DCF Placement Week Ending 10.13.2023

P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.067F.dwg-10/31/2023 5:20 PM



- LEGEND:**
- 2022 PSSA DCF CONTOURS
  - 2023 SLF CONTOURS
  - VLF2 PHASE 2 SLF CONTOURS
  - DCF PLACEMENT WEEK ENDING 10.13.2023
  - PREVIOUS DCF PLACEMENT
  - VLF 2 PHASE 3 STAGE A LIMITS

0 100 200 FEET

		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		VLF 2 PHASE 3	
TITLE	DCF PLACEMENT WEEK ENDING 10.13.2023	FILENAME	
		0106.060.067F	
		FIGURE NO.	REVISION
		1	





## FIELD WEEKLY PROGRESS REPORT

**PROJECT:** VALLEY LEACH FACILITY 2 PHASE 3 2023 QUALITY ASSURANCE OVERSIGHT  
**SITE:** CRIPPLE CREEK & VICTOR GOLD MINE (COLORADO)  
**CONTRACTOR:** NEWMONT CC&V MINING OPERATIONS  
JHL CONSTRUCTORS  
KELLEY TRUCKING INC.  
**WEEK ENDING:** FRIDAY, OCTOBER 20, 2023

**REPORTING PERIOD: 10.14.2023 THROUGH 10.20.2023**

Days	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Work Shifts – JHL/KTI	-	-	D	D	D	D	D
D – DAYSHIFT		N – NIGHTSHIFT			W – WEATHER		

### AMBIENT TEMPERATURE RANGES AND WEATHER CONDITIONS:

HIGHS: 48°F TO 66°F  
LOWS: 25°F TO 44°F  
CLOUD COVER: PARTLY CLOUDY  
PRECIPITATION: 0.0"  
WIND: WIND GUSTS UP TO 19 MPH

### NEWFIELDS PERSONNEL ONSITE:

Personnel	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Oct. 14	Oct. 15	Oct. 16	Oct. 17	Oct. 18	Oct. 19	Oct. 20
Jay Moore	-	-	-	-	-	-	-
Tyler Wendlandt	-	-	PR	PR	PR	PR	PR
Ryan Hunt	-	-	-	-	-	-	-
Ben Melly	-	-	LG	LG	LG	LG	LG
Kate Melberg	-	-	-	-	-	-	-
Shay Christiansen	-	-	ST	ST	ST	ST	ST
Jonah Melly	-	-	ST	ST	ST	ST	ST
PR – Project Resident; LS – Lead Soils Technician; LG – Lead Geosynthetics; ST – Soils Technician; GT - Geosynthetics Technician; LT – Laboratory Technician; PCE – Project Certifying Engineer							



## **1.0 CONTRACTOR OPERATIONS**

### **1.1 Earthworks**

#### **1.1.1 Subgrade**

- Subgrade preparation has been completed for Stage A.

#### **1.1.2 Structural Fill**

- Structural fill has been completed for Stage A.

#### **1.1.3 Soil Liner Fill**

- Soil Liner Fill has been completed for Stage A.

#### **1.1.4 Leak Detection Fill**

- The Phase 3 Stage A leak detection trenches have been completed.

#### **1.1.5 Drain Cover Fill**

Newmont operations continued deliveries of the crushed Drain Cover Fill Ore to a local stockpile near the VLF2 P3 footprint on an as needed basis.

KTI and JHL continued placing Drain Cover Fill in the VLF2 P3 footprint. Loaders loaded DCF material into haul trucks at the local stockpile, which was then delivered to approved LGP dozers. The DCF material was placed in four foot thick loose lifts for access roads and two foot thick loose lifts for finish grading. GPS dozer placement files were set at two to four tenths over minimum thicknesses to ensure minimum grades were maintained during placement.

JHL personnel continued to monitor DCF lift thicknesses and HVSC piping placement. Personnel shoveled DCF material to control LLDPE surface wrinkles and keep HVSC piping in place.

NewFields personnel monitored dozers as DCF placement progressed for quality assurance. The DCF placement areas are shown in **Figure 1**.

### **1.2 Geosynthetics**

Tetra Tech completed the installation of the textured 80-mil LLDPE geomembrane for Stage A.

### **1.3 Laboratory Testing**

NewFields continued permeability testing on SLF samples, and continued laboratory testing on DCF samples.



## 2.0 MEETINGS AND COMMUNICATIONS

- NewFields personnel attended the daily safety meetings at 7:00 A.M. on Monday, and at 6:00 A.M. the rest of the week.
- NewFields personnel attended the weekly owners meeting with CC&V, JHL and KTI.

## 3.0 MISCELLANEOUS, ISSUES, AND CONCERNS

- None.

## 4.0 PHOTOGRAPHS



**October 16, 2023 – Loading of DCF material at stockpile**





**October 16, 2023 – Placement of DCF**



**October 20, 2023 – Placement of DCF**



**Report Review and Approval:**

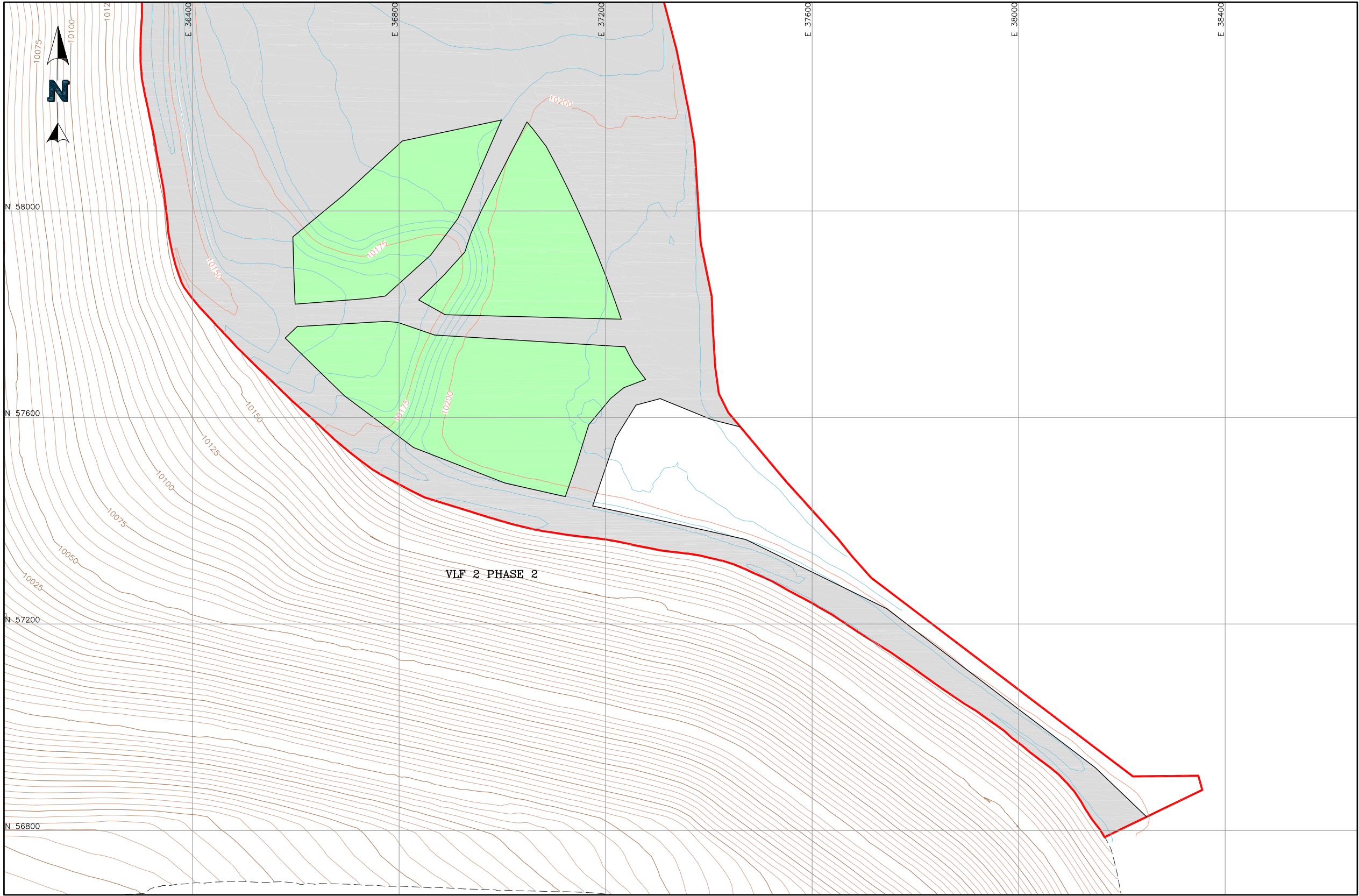
Role	Name	Signature
<b>CQA Monitor/Report Prepared By</b>	<b>Tyler Wendlandt</b>	<i>Tyler Wendlandt</i>
<b>Or CQA Designee</b>		
<b>Project Engineer</b>	<b>Jeff Gaul</b>	
<b>Or Projects Designee</b>	John Sperry	<i>John R. Sperry</i>

**Attachments:**


Figure 1 – DCF Placement Week Ending 10.20.2023



P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.068F.dwg-10/31/2023 5:30 PM



- LEGEND:**
- 2022 PSSA DCF CONTOURS
  - 2023 SLF CONTOURS
  - VLF2 PHASE 2 SLF CONTOURS
  - DCF PLACEMENT WEEK ENDING 10.20.2023
  - PREVIOUS DCF PLACEMENT
  - VLF 2 PHASE 3 STAGE A LIMITS

		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		VLF 2 PHASE 3	
TITLE	DCF PLACEMENT WEEK ENDING 10.20.2023	FILENAME	
		0106.060.068F	
		FIGURE NO.	REVISION
		1	





## FIELD WEEKLY PROGRESS REPORT

**PROJECT:** VALLEY LEACH FACILITY 2 PHASE 3 2023 QUALITY ASSURANCE OVERSIGHT  
**SITE:** CRIPPLE CREEK & VICTOR GOLD MINE (COLORADO)  
**CONTRACTOR:** NEWMONT CC&V MINING OPERATIONS  
JHL CONSTRUCTORS  
KELLEY TRUCKING INC.  
**WEEK ENDING:** FRIDAY, OCTOBER 27, 2023

**REPORTING PERIOD: 10.21.2023 THROUGH 10.27.2023**

Days	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Work Shifts – JHL/KTI	-	-	D	D	D	D	D
D – DAYSHIFT		N – NIGHTSHIFT			W – WEATHER		

### AMBIENT TEMPERATURE RANGES AND WEATHER CONDITIONS:

HIGHS: 56°F TO 64°F  
LOWS: 28°F TO 42°F  
CLOUD COVER: PARTLY CLOUDY  
PRECIPITATION: 0.0"  
WIND: WIND GUSTS UP TO 30 MPH

### NEWFIELDS PERSONNEL ONSITE:

Personnel	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Oct. 21	Oct. 22	Oct. 23	Oct. 24	Oct. 25	Oct. 26	Oct. 27
Jay Moore	-	-	-	-	-	-	-
Tyler Wendlandt	-	-	-	-	-	-	-
Ryan Hunt	-	-	-	-	-	-	-
Ben Melly	-	-	LG	LG	LG	LG	LG
Kate Melberg	-	-	LS	LS	LS	-	-
Shay Christiansen	-	-	ST	ST	ST	LT	LT
Jonah Melly	-	-	ST	ST	LT	LT	LT
PR – Project Resident; LS – Lead Soils Technician; LG – Lead Geosynthetics; ST – Soils Technician; GT - Geosynthetics Technician; LT – Laboratory Technician; PCE – Project Certifying Engineer							



## **1.0 CONTRACTOR OPERATIONS**

### **1.1 Earthworks**

#### **1.1.1 Subgrade**

- Subgrade preparation has been completed for Stage A.

#### **1.1.2 Structural Fill**

- Structural fill has been completed for Stage A.

#### **1.1.3 Soil Liner Fill**

- Soil Liner Fill has been completed for Stage A.

#### **1.1.4 Leak Detection Fill**

- The Phase 3 Stage A leak detection trenches have been completed.

#### **1.1.5 Drain Cover Fill**

Newmont operations continued deliveries of the crushed Drain Cover Fill Ore to a local stockpile near the VLF2 P3 footprint on an as needed basis.

KTI and JHL continued placing Drain Cover Fill in the VLF2 P3 footprint. Loaders loaded DCF material into haul trucks at the local stockpile, which was then delivered to approved LGP dozers. The DCF material was placed in four foot thick loose lifts for access roads and two foot thick loose lifts for finish grading. GPS dozer placement files were set at two to four tenths over minimum thicknesses to ensure minimum grades were maintained during placement.

JHL personnel continued to monitor DCF lift thicknesses and HVSC piping placement. Personnel shoveled DCF material to control LLDPE surface wrinkles and keep HVSC piping in place.

NewFields personnel monitored dozers as DCF placement progressed for quality assurance. The DCF placement areas are shown in **Figure 1**.

DCF placement was completed on Wednesday, October 25<sup>th</sup>, completing the civil earthworks for VLF2 P3 construction.

### **1.2 Geosynthetics**

Tetra Tech completed the installation of the textured 80-mil LLDPE geomembrane for Stage A.



### **1.3 Laboratory Testing**

NewFields continued permeability testing on SLF samples, and continued laboratory testing on DCF samples.

## **2.0 MEETINGS AND COMMUNICATIONS**

- NewFields personnel attended the daily safety meetings at 7:00 A.M. on Monday, and at 6:00 A.M. the rest of the week.
- NewFields personnel attended the weekly owners meeting with CC&V, JHL and KTI.

## **3.0 MISCELLANEOUS, ISSUES, AND CONCERNS**

- None.

## **4.0 PHOTOGRAPHS**



**October 23, 2023 – Loading of DCF material at stockpile**





**October 23, 2023 – Placement of DCF**



**October 24, 2023 – Placement of DCF**



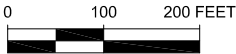
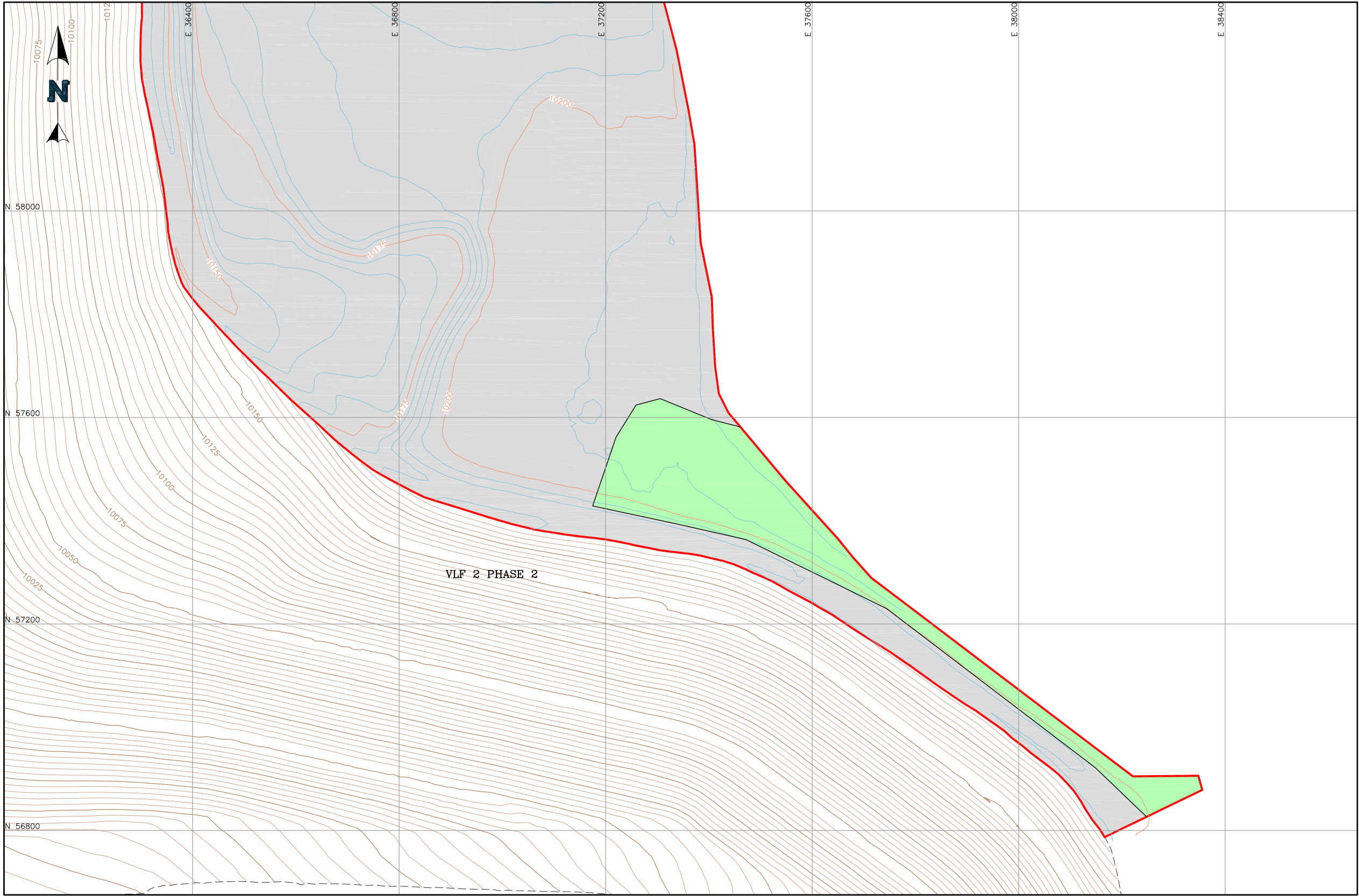
**Report Review and Approval:**

Role	Name	Signature
<b>CQA Monitor/Report Prepared By</b>	<b>Tyler Wendlandt</b>	<i>Tyler Wendlandt</i>
<b>Or CQA Designee</b>		
<b>Project Engineer</b>	<b>Jeff Gaul</b>	
<b>Or Projects Designee</b>	John Sperry	<i>John R. Sperry</i>


**Attachments:**

Figure 1 – DCF Placement Week Ending 10.27.2023

P:\Projects\0106.060 CC&V 2023 Q1 On-Site Support\A-CAD\FIGS\0106.060.069F.dwg-10/31/2023 5:34 PM



- LEGEND:**
- 2022 PSSA DCF CONTOURS
  - 2023 SLF CONTOURS
  - VLF2 PHASE 2 SLF CONTOURS
  - DCF PLACEMENT WEEK ENDING 10.27.2023
  - PREVIOUS DCF PLACEMENT
  - VLF 2 PHASE 3 STAGE A LIMITS

		CLIENT CRIPPLE CREEK & VICTOR GOLD MINING COMPANY	
PROJECT		VLF 2 PHASE 3	
TITLE	DCF PLACEMENT WEEK ENDING 10.27.2023	FILENAME 0106.060.069F	
		FIGURE NO. 1	REVISION





## **APPENDIX F – PHOTOGRAPHIC DOCUMENTATION**

### **APPENDIX F.1 – PHOTOGRAPH LOG**

### **APPENDIX F.2 – CONSTRUCTION PHOTOGRAPHS**