



## TABLES



**Table 1**  
**Cripple Creek & Victor Gold Mining Company**  
**Valley Leach Facility 2 Phase 3**  
**Stage A.1 Record of Construction**  
**Summary of Earthworks Material Specifications**

Material	Plasticity Index	Permeability (cm/s)	Grain Size Distribution	
			Sieve Size	Percent Passing
Structural Fill (SF)	30 Maximum	N/A <sup>2</sup>	24 inch	100
			8-inch	40-100
			No. 200	0-25
Select Structural Fill (SSF)	N/A	N/A	3 inch	100
Leak Detection Fill (LDF)	NP <sup>1</sup>	N/A	1 inch	100
			3/8 inch	40-70
			No. 4	5-50
			No. 40	0-20
			No. 200	0-10
Soil Liner Fill (SLF)	10 Minimum	$1 \times 10^{-6}$	2 inch	100
			No. 200	15-65
Low Volume Solution Collection Fill (LVSCF)	NP	N/A	1 inch	100
			3/8 inch	40-70
			No. 4	5-55
			No. 200	0-10
Drain Cover Fill (DCF)	NP	N/A	1 1/2 inch	100
			3/4 inch	70-100
			No. 4	5-55
			No. 200	0-10
Drain Cover Fill- Crushed Ore	NP	N/A	3 inch	100
			2 inch	97-100
			3/4 inch	40-100
			No. 4	5-35
			No. 200	0-8
Select Drain Cover Fill (SDCF)	NP	N/A	1 1/2 inch	100
			3/4 inch	70-100
			No. 4	5-55
			No. 200	0-10

Note:

1. NP - Non Plastic

2. N/A - Not Applicable

**Table 2**  
**Cripple Creek & Victor Gold Mining Company**  
**Valley Leach Facility 2 Phase 3**  
**Stage A.1 Record of Construction**  
**Earthworks Testing Summary and Frequency**

Material Quantity Number of Tests Test Frequency	Material						
	Structural Fill (SF)	Select Structural Fill (SSF)	Leak Detection Fill (LDF)	Soil Liner Fill (SLF)	Low Volume Solution Collection Fill (LVSCF)	Drain Cover Fill (DCF & DCFO)	Select Drain Cover Fill (SDCF)
Quantity of Material Placed (cy)	21,522	10,282	23	33,845	59,831	67,685	300
Particle Size Tests Performed	1	2	1	17	9	10	1
Specified Particle Size Test Frequency	50,000	50,000	10,000	4,000	10,000	20,000	10,000
Actual Particle Size Test Frequency	21,522	5,141	23	1,991	6,648	6,769	300
Atterberg Limit Tests Performed	1	2	1	17	9	10	1
Specified Atterberg Limit Test Frequency	50,000	50,000	10,000	4,000	10,000	20,000	10,000
Actual Atterberg Limit Test Frequency	21,522	5,141	23	1,991	6,648	6,769	300
Laboratory Compaction Tests Performed	See Note 1	See Note 1	N/A	17	N/A	N/A	N/A
Specified Compaction Test Frequency	50,000	N/A	N/A	4,000	N/A	N/A	N/A
Actual Compaction Test Frequency	N/A	N/A		1,991			
Permeability Tests Performed	N/A	N/A	N/A	17	N/A	N/A	N/A
Specified Permeability Test Frequency	N/A	N/A	N/A	4,000	N/A	N/A	N/A
Actual Permeability Test Frequency				1,991			
Moisture Content Tests Performed	See Note 1	See Note 1	N/A	87	N/A	N/A	N/A
Specified Moisture Content Test Frequency	2,000	2,000	N/A	500	N/A	N/A	N/A
Actual Moisture Content Test Frequency	See Note 1	See Note 1		389			
Field Nuclear Density Tests Performed	See Note 1	See Note 1	N/A	87	N/A	N/A	N/A
Specified Nuclear Density Test Frequency	2,000	2,000	N/A	500	N/A	N/A	N/A
Actual Nuclear Density Test Frequency	See Note 1	See Note 1		389			
Field Depth Verification Tests Performed	N/A	N/A	N/A	87	N/A	N/A	N/A
Specified Depth Verification Test Frequency	N/A	N/A	N/A	2.0 test/ac	N/A	N/A	N/A
Actual Depth Verification Test Frequency				4			

Notes:

1. The method of compaction technique was used in accordance with the project technical specifications due to the large particle size.
2. All frequencies are based on quantities in cubic yards unless stated otherwise
3. N/A = Not Applicable

**Table 3**  
**Cripple Creek & Victor Gold Mining Company**  
**Valley Leach Facility 2 Phase 3**  
**Stage A.1 Record of Construction**  
**Summary of Weather Data**

Date	Low Ambient Temperature (°F)	High Ambient Temperature (°F)	Precipitation (inches)	Maximum Wind Speed (mph)	Remarks
Monday, May 9, 2022	43	62	0	25	
Tuesday, May 10, 2022	43	62	0	25	
Wednesday, May 11, 2022	43	62	0	25	
Thursday, May 12, 2022	41	52	0	40	
Friday, May 13, 2022	31	57	0	25	
Saturday, May 14, 2022					No work performed
Sunday, May 15, 2022					No work performed
Monday, May 16, 2022	42	65	0	13	
Tuesday, May 17, 2022	42	68	0	15	
Wednesday, May 18, 2022	39	59	Trace	14	
Thursday, May 19, 2022	44	66	0	31	
Friday, May 20, 2022	27	52	0	21	
Saturday, May 21, 2022					No work performed
Sunday, May 22, 2022					No work performed
Monday, May 23, 2022	30	41	0	3	
Tuesday, May 24, 2022	26	36	Trace	3	
Wednesday, May 25, 2022	26	48	0	20	
Thursday, May 26, 2022	39	61	0	17	
Friday, May 27, 2022	41	64	0	18	
Saturday, May 28, 2022					No work performed
Sunday, May 29, 2022					No work performed
Monday, May 30, 2022					No work performed
Tuesday, May 31, 2022	31	50	0	19	
Wednesday, June 1, 2022	31	35	0	12	
Thursday, June 2, 2022	31	57	0	12	
Friday, June 3, 2022	40	59	0	14	
Saturday, June 4, 2022					No work performed
Sunday, June 5, 2022					No work performed
Monday, June 6, 2022	43	65	Trace	20	
Tuesday, June 7, 2022	42	68	Trace	14	
Wednesday, June 8, 2022	38	64	0	16	
Thursday, June 9, 2022	48	68	0	16	
Friday, June 10, 2022	50	70	0	15	
Saturday, June 11, 2022					No work performed
Sunday, June 12, 2022					No work performed
Monday, June 13, 2022	55	75	0	24	
Tuesday, June 14, 2022	48	69	0	18	
Wednesday, June 15, 2022	43	70	0	17	
Thursday, June 16, 2022	50	77	0	15	
Friday, June 17, 2022	54	75	0	15	
Saturday, June 18, 2022					No work performed
Sunday, June 19, 2022					No work performed
Monday, June 20, 2022	46	65	0	29	
Tuesday, June 21, 2022	44	55	0	17	
Wednesday, June 22, 2022	44	63	0	20	
Thursday, June 23, 2022	47	68	Trace	20	

**Table 3**  
**Cripple Creek & Victor Gold Mining Company**  
**Valley Leach Facility 2 Phase 3**  
**Stage A.1 Record of Construction**  
**Summary of Weather Data**



Date	Low Ambient Temperature (°F)	High Ambient Temperature (°F)	Precipitation (inches)	Maximum Wind Speed (mph)	Remarks
Friday, June 24, 2022	49	68	0	17	
Saturday, June 25, 2022					No work performed
Sunday, June 26, 2022					No work performed
Monday, June 27, 2022	46	57	Hail	8	
Tuesday, June 28, 2022	46	68	0	14	
Wednesday, June 29, 2022	49	70	0	18	
Thursday, June 30, 2022	47	68	0	22	
Friday, July 1, 2022	45	60	0	15	
Saturday, July 2, 2022					No work performed
Sunday, July 3, 2022					No work performed
Monday, July 4, 2022					No work performed
Tuesday, July 5, 2022	49	66	Trace	19	
Wednesday, July 6, 2022	49	66	Trace	13	
Thursday, July 7, 2022	47	72	0.4	19	
Friday, July 8, 2022	47	72	Trace	21	
Saturday, July 9, 2022					No work performed
Sunday, July 10, 2022					No work performed
Monday, July 11, 2022	50	70	Trace	19	
Tuesday, July 12, 2022	48	72	0.2	24	
Wednesday, July 13, 2022	50	76	0	14	
Thursday, July 14, 2022	56	73	Trace	18	
Friday, July 15, 2022	53	77	0.16	14	
Saturday, July 16, 2022					No work performed
Sunday, July 17, 2022					No work performed
Monday, July 18, 2022	56	77	Trace	24	
Tuesday, July 19, 2022	57	76	Trace	20	
Wednesday, July 20, 2022	49	72	0.46	21	Precip. after shift end
Thursday, July 21, 2022	49	70	Trace	13	
Friday, July 22, 2022	53	75	0	16	
Saturday, July 23, 2022					No work performed
Sunday, July 24, 2022					No work performed
Monday, July 25, 2022	49	67	0	14	
Tuesday, July 26, 2022	49	69	0.75	17	Precip. after shift end
Wednesday, July 27, 2022	48	68	0	15	
Thursday, July 28, 2022	47	57	0.08	17	
Friday, July 29, 2022	46	60	0.36	17	Precip. after shift end
Saturday, July 30, 2022					No work performed
Sunday, July 31, 2022					No work performed
Monday, August 1, 2022	50	70	0.15	19	Precip. after shift end
Tuesday, August 2, 2022	52	71	0	17	
Wednesday, August 3, 2022	53	67	0	13	
Thursday, August 4, 2022	51	73	0	15	
Friday, August 5, 2022	56	75	0.15	19	Precip. after shift end
Saturday, August 6, 2022					No work performed
Sunday, August 7, 2022					No work performed
Monday, August 8, 2022	47	68	0.28	18	

**Table 3**  
**Cripple Creek & Victor Gold Mining Company**  
**Valley Leach Facility 2 Phase 3**  
**Stage A.1 Record of Construction**  
**Summary of Weather Data**

Date	Low Ambient Temperature (°F)	High Ambient Temperature (°F)	Precipitation (inches)	Maximum Wind Speed (mph)	Remarks
Tuesday, August 9, 2022	53	69	0	22	
Wednesday, August 10, 2022	49	70	0	19	
Thursday, August 11, 2022	49	73	0	17	
Friday, August 12, 2022	53	73	0	14	
Saturday, August 13, 2022	53	74	0.14	16	Precip. after shift end
Sunday, August 14, 2022	51	74	0	19	
Monday, August 15, 2022	50	71	0.45	18	Precip. after shift end
Tuesday, August 16, 2022	46	53	0.54	9	Precip. after shift end
Wednesday, August 17, 2022	45	60	0	10	
Thursday, August 18, 2022	46	67	0	12	
Friday, August 19, 2022	46	64	0.44	24	
Saturday, August 20, 2022	44	55	0.3	11	
Sunday, August 21, 2022					No work performed
Monday, August 22, 2022	45	54	0.1	15	
Tuesday, August 23, 2022	44	30	0.07	12	
Wednesday, August 24, 2022	45	63	0.1	12	
Thursday, August 25, 2022	45	68	Trace	16	
Friday, August 26, 2022	47	61	0.34	18	
Saturday, August 27, 2022					No work performed
Sunday, August 28, 2022					No work performed
Monday, August 29, 2022	49	66	0	19	
Tuesday, August 30, 2022	46	71	0	17	
Wednesday, August 31, 2022	49	72	0	18	
Thursday, September 1, 2022	49	70	0	17	
Friday, September 2, 2022	47	71	0.19	23	
Saturday, September 3, 2022					No work performed
Sunday, September 4, 2022					No work performed
Monday, September 5, 2022					No work performed
Tuesday, September 6, 2022	56	76	0	19	
Wednesday, September 7, 2022	55	75	0	19	
Thursday, September 8, 2022	53	76	0	16	
Friday, September 9, 2022	41	65	0	26	
Saturday, September 10, 2022					No work performed
Sunday, September 11, 2022					No work performed
Monday, September 12, 2022	49	68	0	15	
Tuesday, September 13, 2022	46	65	0	19	
Wednesday, September 14, 2022	46	60	0	13	
Thursday, September 15, 2022	43	63	Trace	15	
Friday, September 16, 2022	46	68	0	15	
Saturday, September 17, 2022					No work performed
Sunday, September 18, 2022					No work performed
Monday, September 19, 2022	49	70	0	13	
Tuesday, September 20, 2022	53	72	0	17	
Wednesday, September 21, 2022	43	57	0.16	9	
Thursday, September 22, 2022	43	56	0.07	14	
Friday, September 23, 2022	41	63	0	17	

**Table 3**  
**Cripple Creek & Victor Gold Mining Company**  
**Valley Leach Facility 2 Phase 3**  
**Stage A.1 Record of Construction**  
**Summary of Weather Data**

Date	Low Ambient Temperature (°F)	High Ambient Temperature (°F)	Precipitation (inches)	Maximum Wind Speed (mph)	Remarks
Saturday, September 24, 2022	41	65	0	17	
Sunday, September 25, 2022					No work performed
Monday, September 26, 2022	41	66	0	16	
Tuesday, September 27, 2022	43	63	0.08	16	
Wednesday, September 28, 2022	41	61	0	16	
Thursday, September 29, 2022	46	59	0	17	
Friday, September 30, 2022	42	58	0	19	
Saturday, October 1, 2022	38	57	0.13	16	
Sunday, October 2, 2022					No work performed
Monday, October 3, 2022	38	55	0	19	
Tuesday, October 4, 2022	38	52	Trace	14	
Wednesday, October 5, 2022	37	47	Trace	8	
Thursday, October 6, 2022	33	54	Trace	15	
Friday, October 7, 2022	35	54	0	19	
Saturday, October 8, 2022	34	52	Trace	23	
Sunday, October 9, 2022					No work performed
Monday, October 10, 2022	34	53	0	16	
Tuesday, October 11, 2022	38	53	0	19	
Wednesday, October 12, 2022	34	56	0	20	
Thursday, October 13, 2022	35	52	0	15	
Friday, October 14, 2022	37	57	0	20	
Saturday, October 15, 2022	34	55	0	21	
Sunday, October 16, 2022					No work performed
Monday, October 17, 2022	27	48	0	10	
Tuesday, October 18, 2022	31	52	0	22	
Wednesday, October 19, 2022	36	61	0	13	
Thursday, October 20, 2022	38	60	0	12	
Friday, October 21, 2022	37	56	0	20	
Saturday, October 22, 2022	35	53	0	31	
Sunday, October 23, 2022					No work performed
Monday, October 24, 2022	17	31	0	18	
Tuesday, October 25, 2022	23	44	0	19	
Wednesday, October 26, 2022	23	44	0	19	
Thursday, October 27, 2022	21	30	1.75	19	Snow
Friday, October 28, 2022	22	45	0	9	
Saturday, October 29, 2022					No work performed
Sunday, October 30, 2022					No work performed
Monday, October 31, 2022	31	50	0	13	
Tuesday, November 1, 2022	33	52	0	19	
Wednesday, November 2, 2022					No work performed
Thursday, November 3, 2022					No work performed
Friday, November 4, 2022					No work performed
Saturday, November 5, 2022					No work performed
Sunday, November 6, 2022					No work performed
Monday, November 7, 2022	29	49	0	17	
Tuesday, November 8, 2022	33	50	0	24	



**Table 3**  
**Cripple Creek & Victor Gold Mining Company**  
**Valley Leach Facility 2 Phase 3**  
**Stage A.1 Record of Construction**  
**Summary of Weather Data**

Date	Low Ambient Temperature (°F)	High Ambient Temperature (°F)	Precipitation (inches)	Maximum Wind Speed (mph)	Remarks
Wednesday, November 9, 2022	20	49	0	33	
Thursday, November 10, 2022	28	51	0	24	
Friday, November 11, 2022	17	31	0	12	
Saturday, November 12, 2022					No work performed
Sunday, November 13, 2022					No work performed
Monday, November 14, 2022	21	35	Trace	26	
Tuesday, November 15, 2022	3	18	0	25	
Wednesday, November 16, 2022	3	22	0	32	
Thursday, November 17, 2022	10	19	0	27	
Friday, November 18, 2022	2	21	1	12	
Saturday, November 19, 2022					No work performed
Sunday, November 20, 2022					No work performed
Monday, November 21, 2022	20	42	0	12	
Tuesday, November 22, 2022	22	40	0	10	
Wednesday, November 23, 2022	17	38	0	20	
Thursday, November 24, 2022					No work performed
Friday, November 25, 2022					No work performed
Saturday, November 26, 2022					No work performed
Sunday, November 27, 2022					No work performed
Monday, November 28, 2022	12	34	0	35	
Tuesday, November 29, 2022	8	17	3 - 4	40	
Wednesday, November 30, 2022	20	38	0	35	
Thursday, December 1, 2022	17	37	0	40	
Friday, December 2, 2022	17	34	0	55	
Saturday, December 3, 2022					No work performed
Sunday, December 4, 2022					No work performed
Monday, December 5, 2022	22	37	0	20	
Tuesday, December 6, 2022	19	31	0	22	
Wednesday, December 7, 2022	20	35	0	13	
Thursday, December 8, 2022	16	26	0	18	
Friday, December 9, 2022	15	32	0	20	

**Table 4**  
**Cripple Creek & Victor Gold Mining Company**  
**Valley Leach Facility 2**  
**Phase 3 Stage A.1 Record of Construction**  
**CQA Earthworks Testing Summary - Structural Fill**

SAMPLE NUMBER	DATE SAMPLED	LOCATION			ELEVATION (FT)	NATURAL MOISTURE (%)	GRAIN SIZE DISTRIBUTION - PERCENT PASSING																	USCS	ATTERBERG LIMITS				
							24.0"	18.0"	12.0"	4.0"	3.0"	2.0"	1.5"	1.0"	0.75"	0.5"	0.375"	#4	#10	#16	#40	#50	#100		#200	PLASTIC LIMIT	LIQUID LIMIT	PLASTIC INDEX	
		SPECIFICATION - PERCENT PASSING																	SPECIFICATION										
		PHASE	NORTHING	EASTING			100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0-25		-	-	30 MAX.		
SF-1-R	06/06/22	3A	Test Pad #1; STA 5+00			8' BFG	-	100	100	80.4	46	38.6	31	23.7	19.6	15.4	13.9	12	10.8	10	9.6	9.3	9	8.9	8.8	GM	NP	NV	NP
Notes:																													

**Table 5**  
**Cripple Creek & Victor Gold Mining Company**  
**Valley Leach Facility 2**  
**Phase 3 Stage A.1 Record of Construction**  
**CQA Earthworks Testing Summary - Select Structural Fill**

SAMPLE NUMBER	DATE SAMPLED	LOCATION			ELEVATION (FT)	NATURAL MOISTURE (%)	GRAIN SIZE DISTRIBUTION - PERCENT PASSING													USCS	ATTERBERG LIMITS			
							3.0"	2.0"	1.5"	1.0"	0.75"	0.5"	0.375"	#4	#10	#16	#40	#50	#100		#200	PLASTIC LIMIT	LIQUID LIMIT	PLASTIC INDEX
		SPECIFICATION - PERCENT PASSING													SPECIFICATION									
		PHASE	NORTHING	EASTING			100	-	-	-	-	-	-	-	-	-	-	-	-		-	-		
SSF-1-R	4/6/2022	3A	59,248	35,067.00	10,005'	-	100	70.1	58.6	46.9	33.8	28.4	25.6	22.1	18.5	16.9	15	13.9	11.5	9	GP-GM	NP	NV	NP
SSF-2-R	07/06/22	3A	58,918	35,621.00	10,028'	-	100	99.2	90.9	62.2	44.2	27.3	21.7	16.1	10.5	8.4	5.8	5.1	4.1	3.2	GP	NP	NV	NP
Notes:																								

**Table 6**  
**Cripple Creek & Victor Gold Mining Company**  
**Valley Leach Facility 2**  
**Phase 3 Stage A.1 Record of Construction**  
**CQA Earthworks Testing Summary - Soil Liner Fill**



SAMPLE NUMBER	DATE SAMPLED	LOCATION			ELEVATION (FT)	GRAIN SIZE DISTRIBUTION - PERCENT PASSING												USCS	ATTERBERG LIMITS			MOISTURE/DENSITY		PERMEABILITY (k=cm/s)	
						2.0"	1.5"	1.0"	0.75"	0.5"	0.375"	#4	#10	#16	#40	#50	#100		#200	PLASTIC LIMIT	LIQUID LIMIT	PLASTIC INDEX	MAXIMUM DRY DENSITY (PCF)		OPTIMUM MOISTURE CONTENT (%)
		SPECIFICATION - PERCENT PASSING												SPECIFICATION			SPECIFICATION								
		PHASE	NORTHING	EASTING		100	-	-	-	-	-	-	-	-	-	-			-	15-65	-	-		10 MIN.	
SLF-1-C	10/14/21	Lower SLF Dump 1 Stockpile			Stockpile	100	98.2	93.4	91	88.6	86.9	79	67.4	61.8	53	50.1	44.7	39.5	SC	26	41	15	116.4	13.2	3.00E-07
SLF-2-C	10/14/21	Lower SLF Dump 1 Stockpile			Stockpile	100	98.0	91.2	87.5	83.9	82.4	73.2	62.4	57.4	49.4	46.7	41.5	37.0	SC	26	41	15	117.9	13.6	5.80E-07
SLF-3-C	01/05/20	Lower SLF Dump 1 Stockpile			Stockpile	100	98.0	94.3	91.8	89.2	87.8	81.2	66.8	60.5	52.0	49.5	44.8	40.4	SC	29	43	14	111.2	16.1	2.00E-08
SLF-4-C	01/06/22	Lower SLF Dump 1 Stockpile			Stockpile	100	98.3	95.2	93.5	91.2	90.2	78.8	65.6	60.0	52.2	49.8	45.0	41.2	SC	14	42	28	114.1	13.4	4.20E-07
SLF-5-C	01/06/22	Lower SLF Dump 1 Stockpile			Stockpile	100	97.5	93.0	91.0	88.0	86.6	76.2	63.7	58.0	49.1	46.5	41.5	36.5	SC	14	41	27	114.8	14.5	2.20E-08
SLF-6-C	01/06/22	Lower SLF Dump 1 Stockpile			Stockpile	100	99.2	96.7	94.6	91.9	90.2	78.8	66.6	60.3	50.5	47.5	42.0	37.4	SC	14	43	29	114.0	14.4	2.70E-08
SLF-7-C	01/06/22	Lower SLF Dump 1 Stockpile			Stockpile	100	99.1	95.1	92.6	88.2	85.5	77.0	64.1	58.2	48.6	45.6	40.3	35.0	SC	14	39	25	116.8	13.8	2.10E-07
SLF-8-C	01/06/22	Lower SLF Dump 1 Stockpile			Stockpile	100	98.7	95.0	92.9	90.2	88.0	79.5	67.4	61.1	51.0	48.0	42.5	38.5	SC	17	42	25	116.0	15.0	2.60E-07
SLF-9-C	01/06/22	Lower SLF Dump 1 Stockpile			Stockpile	100	98.8	93.5	90.6	87.7	85.9	76.0	63.7	58.3	50.5	48.0	43.4	38.9	SC	17	43	26	115.3	15.2	3.60E-08
SLF-10-C	05/20/22	Lower SLF Dump 1 Stockpile			Stockpile	100	94.7	90.0	86.9	82.9	80.4	66.5	55.8	51.8	45.3	43.3	39.4	35.7	GC	16	39	23	117.8	12.6	2.20E-07
SLF-11-C	05/20/22	Lower SLF Dump 1 Stockpile			Stockpile	100	96.1	90.6	87.2	83.5	81.9	74.4	63.0	56.6	44.9	41.3	35.1	30.6	SC	14	37	23	118.7	13.0	2.60E-07
SLF-12-C	06/06/22	Lower SLF Dump 1 Stockpile			Stockpile	100	96.5	93.9	91.8	87.6	85.6	75.0	61.7	51.8	35.9	31.3	24.8	18.6	SC	17	42	25	115.8	14.7	2.50E-07
SLF-13-C	06/07/22	Lower SLF Dump 1 Stockpile			Stockpile	100	98.2	95.4	93.0	87.9	84.9	76.8	64.8	56.4	38.5	32.7	24.8	20.3	SC	17.0	43.0	26	113.7	13.6	2.80E-07
SLF-14-C	06/16/22	Upper SLF Dump 1 Stockpile			Stockpile	100	99.1	90.4	84.4	74.9	70.2	56.7	44.0	38.2	28.3	25.0	19.8	16.1	GC	15.0	34.0	19	120.7	12.0	Pending
SLF-15-C	06/24/22	Upper SLF Dump 1 Stockpile			Stockpile	100	99.2	91.9	87.5	80.3	76.1	63.4	47.2	39.0	27.4	24.3	19.2	15.4	SC	12.0	39.0	27	122.5	11.6	Pending
SLF-16-C	06/16/22	Lower SLF Dump 1 Stockpile			Stockpile	100	99.2	95.4	92.4	87.4	83.5	74.7	61.7	53.1	37.7	33.5	26.6	22.2	SC	17.0	35.0	18	113.1	13.0	1.20E-07
SLF-17-C	06/17/22	Lower SLF Dump 1 Stockpile			Stockpile	100	100	96.6	94.7	90.1	88.1	74.9	64.8	56.5	43.5	39.7	32.8	27.5	SC	18.0	38.0	20	111.7	13.8	Pending
SLF-18-C	06/21/22	Upper SLF Dump 1 Stockpile			Stockpile	100	98.8	92.1	88.3	83.1	80.0	69.4	56.5	49.6	38.5	35.5	30.8	26.9	SC	15.0	42.0	27	120.0	11.4	Pending
SLF-19-C	06/21/22	Upper SLF Dump 1 Stockpile			Stockpile	100	97.2	93.1	89.0	84.1	81.8	67.4	55.6	48.8	38.2	35.3	30.7	26.8	SC	13.0	39.0	26	119.0	12.6	Pending
SLF-20-R	06/24/22	PSSA	59,807.0	35,563.0	9985'	100	100	100	99.9	98.9	97.6	83.8	71.6	65.9	56.3	53.5	48.3	43.4	SC	18.0	44.0	26	110.0	16.8	-
SLF-21-C	06/28/22	Upper SLF Dump 1 Stockpile			Stockpile	100	98.3	94.6	90.9	85.0	82.6	72.5	59.4	51.7	37.7	33.5	26.8	22.4	SC	19.0	36.0	17	118.1	13.3	Pending
SLF-22-C	06/28/23	Upper SLF Dump 1 Stockpile			Stockpile	100	100	96.7	92.6	88.4	85.7	71.5	58.2	50.9	37.6	33.6	27.1	22.7	SC	19.0	34.0	15	113.8	14.4	Pending
SLF-23-C	07/06/22	Upper SLF Dump 1 Stockpile			Stockpile	100	98.4	96.3	94.0	88.7	86.5	69.6	55.8	49.0	38.4	35.3	29.8	25.6	SC	17.0	31.0	14	114.0	14.0	Pending
SLF-24-C	07/06/22	Upper SLF Dump 1 Stockpile			Stockpile	100	99.5	95.5	93.8	90.9	89.5	76.5	63.0	55.5	42.4	38.6	32.2	27.3	SC	17.0	31.0	14	113.1	13.8	Pending
SLF-25-R	07/13/22	PSSA	59,397.0	35,755.0	9955'	100	98.9	95.2	93.3	90.6	88.7	76.8	62.2	55.0	44.0	40.8	35.1	30.1	SC	18.0	41.0	23.0	115.6	12.9	2.70E-07
SLF-26-R	07/13/22	PSSA	59,481.0	35,156.0	9970'	100	97.6	93.2	90.4	87.6	86.9	78.0	68.3	63.8	56.3	54.0	49.6	45.8	SC	20.0	41.0	21.0	115.5	15.1	-
SLF-27-C	07/13/22	Upper SLF Dump 1 Stockpile			Stockpile	100	97.5	92.0	91.0	89.8	89.6	71.8	58.6	52.6	43.1	40.2	35.2	31.2	SC	15.0	32.0	17.0	114.8	12.8	Pending
SLF-28-C	07/27/22	Upper SLF Dump 1 Stockpile			Stockpile	100	100	96.6	92.3	90.3	89.7	71.9	60.5	55.0	45.3	42.3	37.3	33.7	SC	14.0	37.0	23.0	114.9	13.4	Pending
SLF-29-R	08/08/22	3A	59,010.0	35,325.0	10,015'	100	98.8	93.0	89.6	86.4	83.9	72.7	68.0	62.9	52.6	46.8	40.2	38.1	SC	13.0	37.0	24.0	114.5	12.8	-
SLF-30-C	08/10/22	Upper SLF Dump 1 Stockpile			Stockpile	100	97.8	93.7	91.1	87.3	85.4	73.9	68.0	62.0	53.2	48.1	42.9	37.8	SC	16.0	37.0	21.0	112.9	16.1	Pending

**Notes:**

1. Greyed out control samples were not used in Stage A.1 construction.

R - Record Sample; C - Control Sample; FG - Finished Grade

NP - Non Plastic; NV - No Value; NT - Not Tested

**Table 7**  
**Cripple Creek & Victor Gold Mining Company**  
**Valley Leach Facility 2**



**Phase 3 Stage A.1 Record of Construction**  
**CQA Earthworks Testing Summary - Low Volume Solution Collection Fill**

SAMPLE NUMBER	DATE SAMPLED	LOCATION		ELEVATION (FT)	NATURAL MOISTURE (%)	GRAIN SIZE DISTRIBUTION - PERCENT PASSING													USCS	ATTERBERG LIMITS			
						3.0"	2.0"	1.5"	1.0"	0.75"	0.5"	0.375"	#4	#10	#16	#40	#50	#100		#200	PLASTIC LIMIT	LIQUID LIMIT	PLASTIC INDEX
		PHASE      Liner Panel Number				SPECIFICATION - PERCENT PASSING														SPECIFICATION			
						100	100	100	100	-	-	40-70	5-55	-	-	-	-	-		-	0-10	-	-
LVSCF-01-C	07/11/22	PSSA	Stockpile	FG	-				100	97.3	75.6	61.4	42.2	25.1	18.6	12	10.5	8.1	6.4	GP-GM	NP	NV	NP
LVSCF-02-C	07/12/22	PSSA	Stockpile	FG	-				100	98.4	83.9	69.3	47.3	29.9	22.7	14.5	12.7	9.7	7.4	GP-GM	NP	NV	NP
LVSCF-03-C	07/14/22	PSSA	Stockpile	FG	-				100	96.9	72.6	59.1	42.3	29.2	23.2	14.7	12.6	9.5	7.4	GW-GM	NP	NV	NP
LVSCF-04-C	07/21/22	PSSA	Stockpile	FG	-				100	90.6	50.0	40.9	24.8	16.1	13.2	9.2	8.2	6.5	5.1	GP-GM	NP	NV	NP
LVSCF-05-C	07/26/22	PSSA	Stockpile	FG	-				100	93.1	68.4	55.8	35.8	23.8	19.4	13.4	11.8	9.1	7.1	GP-GM	NP	NV	NP
LVSCF-06-R	08/29/22	PSSA	S-232	FG	-				100	95.5	77.5	67.6	43.7	30.4	25.0	17.0	14.9	11.6	9.1	GP-GM	NP	NV	NP
LVSCF-07-R	09/01/22	PSSA	S-77	FG	-				100	95.2	73.6	61.9	29.7	20.0	16.8	12.2	10.8	8.3	6.4	GP-GM	NP	NV	NP
LVSCF-08-R	09/19/22	PSSA	S-175	FG	-				100	94.2	72.5	61.0	47.6	33.9	27.7	17.9	15.2	10.7	8.0	GP-GM	NP	NV	NP
LVSCF-09-R	09/22/22	PSSA	S-188	FG	-				100	97.0	77.7	67.2	44.6	31.5	26.2	18.1	15.3	11.7	8.7	GW-GM	NP	NV	NP

Notes:

1. Samples with a Plasticity Index less than 5 are reported as Non Plastic

**Table 8**  
**Cripple Creek & Victor Gold Mining Company**  
**Valley Leach Facility 2**  
**Phase 3 Stage A.1 Record of Construction**  
**CQA Earthworks Testing Summary - Drain Cover Fill (Crushed Ore)**

SAMPLE NUMBER	DATE SAMPLED	LOCATION		ELEVATION (FT)	NATURAL MOISTURE (%)	GRAIN SIZE DISTRIBUTION - PERCENT PASSING													USCS	ATTERBERG LIMITS			
						3.0"	2.0"	1.5"	1.0"	0.75"	0.5"	0.375"	#4	#10	#16	#40	#50	#100		#200	PLASTIC LIMIT	LIQUID LIMIT	PLASTIC INDEX
		SPECIFICATION - PERCENT PASSING													SPECIFICATION								
		PHASE	Liner Panel Number			100	97	-	-	40	-	-	5-35	-	-	-	-	-		0-8	-	-	NP
DCFO-1-C	10/05/22	3A	Stockpile	Stockpile	-	100	98.3	93.1	76.6	61.5	40	30.3	17.8	9.6	7.3	4.6	3.9	2.7	1.8	GW	NP	NV	NP
DCFO-2-R	10/20/22	3A	P-4017 80-mil	FG	-	100	99.2	96.4	82.7	69.8	52.5	43.5	22.8	13.8	10.6	6.5	5.5	3.7	2.2	GW	NP	NV	NP
DCFO-3-R	10/24/22	PSSA	P-208 100-mil	FG	-	100	98.8	97.6	80.3	66.1	50.9	43.7	28.2	17.3	13.2	7.9	6.6	4.6	3.1	GW	NP	NV	NP
DCFO-4-R	10/26/22	PSSA	P-102 100-mil	FG	-	100	98.4	93.9	70.4	50.8	31.8	24.7	14.3	8	6.1	3.9	3.4	2.3	1.4	GW	NP	NV	NP
DCFO-5-R	10/27/22	PSSA	P-68 100-mil	FG	-	100	98.6	95.2	77.2	58	38.1	29.3	16.6	10.2	8	5.2	4.4	3	1.9	GW	NP	NV	NP
DCFO-6-R	11/15/22	PSSA	P-93 100-mil	FG	-	100	100	97.6	81.6	65.6	46.6	39.2	25.8	17.8	14.7	9.9	8.7	6.5	4.9	GP	NP	NV	NP
DCFO-7-R	11/22/22	3A	P-4032 80-mil	FG	-	100	99.2	98.1	83	69.1	52.1	44.7	32.1	21.1	16.5	10.3	8.8	6.5	4.8	GW	NP	NV	NP
DCFO-8-R	11/30/22	3A	P-4129 80-mil	FG	-	100	100	98.4	85.3	71	54.5	45.7	26.2	17.9	13.2	9.2	8.3	6.5	5.1	GP-GM	NP	NV	NP
DCFO-9-R	12/02/22	PSSA	P-208 100-mil	FG	-	100	98.4	95	76.5	62.5	46	37.9	25.3	16.6	13.4	9.5	8.5	6.9	5.7	GP-GM	NP	NV	NP
DCFO-10-R	12/07/22	PSSA	P-171 100-mil	FG	-	100	98.5	94.2	61.5	49.4	35	28	17.1	10.9	8.7	6.1	5.4	4.4	3.6	GW	NP	NV	NP

Notes:

1. Samples with a Plasticity Index less than 5 are reported as Non Plastic

**Table 9**  
**Cripple Creek and Victor Gold Mining Company**  
**Valley Leach Facility 2**  
**Phase 3 Stage A.1 Record of Construction**  
**CQA Earthworks Testing Summary - Leak Detection Fill**

SAMPLE NUMBER	DATE SAMPLED	LOCATION			ELEVATION (FT)	NATURAL MOISTURE (%)	GRAIN SIZE DISTRIBUTION - PERCENT PASSING										USCS	ATTERBERG LIMITS			
							1.0"	0.75"	0.5"	0.375"	#4	#10	#16	#40	#50	#100		#200	PLASTIC LIMIT	LIQUID LIMIT	PLASTIC INDEX
							SPECIFICATION - PERCENT PASSING											SPECIFICATION			
		PHASE	NORTHING	EASTING			100	-	-	40-70	5-50	-	-	0-20	-	-		0-10	-	-	NP
LDF-1-R	08/31/22	3A	58,808.8	35,458.8	FG	-	100	95.2	68.9	58.7	41	25.7	19.8	12.6	10.9	8.2	6.3	GWGM	NP	NV	NP
Notes:																					

**Table 10**  
**Cripple Creek & Victor Gold Mining Company**  
**Valley Leach Facility 2 Phase 3**  
**Stage A.1 Record of Construction**  
**Nuclear Gauge Moisture-Density Testing Summary - Soil Liner Fill**

TEST NUMBER	DATE TESTED	LOCATION		DEPTH (in)	LABORATORY			FIELD				PASS/FAIL
		NORTHING	EASTING		SAMPLE NUMBER	MAX. DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	DRY DENSITY (pcf)	MOISTURE CONTENT (%)	SPECIFIED COMPACTION (%)	COMPACTION (%)	
SLF-1-D	7/22/2022	59,323	35,959	10	SLF-25-R	115.6	12.9	113.2	13.5	95	97.9	PASS
SLF-2-D	7/22/2022	59,367	35,967	10	SLF-25-R	115.6	12.9	113.4	14.1	95	98.1	PASS
SLF-3-D	7/22/2022	59,394	35,990	10	SLF-25-R	115.6	12.9	115.2	13.0	95	99.7	PASS
SLF-4-D	7/25/2022	59,398	35,908	10	SLF-25-R	115.6	12.9	113.5	12.5	95	98.2	PASS
SLF-5-D	7/25/2022	59,431	35,930	10	SLF-25-R	115.6	12.9	114.8	12.4	95	99.3	PASS
SLF-6-D	7/25/2022	59,467	35,940	10	SLF-25-R	115.6	12.9	114.1	12.4	95	98.7	PASS
SLF-7-D	7/25/2022	59,500	35,931	10	SLF-25-R	115.6	12.9	115.1	12.9	95	99.6	PASS
SLF-8-D	7/25/2022	59,473	35,868	10	SLF-25-R	115.6	12.9	113.7	12.9	95	98.4	PASS
SLF-9-D	7/26/2022	59,553	35,780	10	SLF-25-R	115.6	12.9	115.3	14.6	95	99.7	PASS
SLF-10-D	7/26/2022	59,606	35,768	10	SLF-25-R	115.6	12.9	112.7	14.2	95	97.5	PASS
SLF-11-D	7/26/2022	59,660	35,775	10	SLF-25-R	115.6	12.9	115.6	14.3	95	100.0	PASS
SLF-12-D	7/26/2022	59,134	36,028	10	SLF-25-R	115.6	12.9	113.4	12.7	95	98.1	PASS
SLF-13-D	7/26/2022	59,147	35,956	10	SLF-25-R	115.6	12.9	112.8	12.9	95	97.6	PASS
SLF-14-D	7/29/2022	59,606	35,727	10	SLF-25-R	115.6	12.9	115.5	12.3	95	99.9	PASS
SLF-15-D	7/29/2022	59,639	35,739	10	SLF-25-R	115.6	12.9	115.3	13.1	95	99.7	PASS
SLF-16-D	8/1/2022	59,797	35,583	10	SLF-25-R	115.6	12.9	115.1	12.3	95	99.6	PASS
SLF-17-D	8/1/2022	59,858	35,534	10	SLF-25-R	115.6	12.9	115.6	13.9	95	100.0	PASS
SLF-18-D	8/1/2022	59,840	35,497	10	SLF-25-R	115.6	12.9	114.9	15.0	95	99.4	PASS
SLF-19-D	8/2/2022	59,708	35,550	10	SLF-25-R	115.6	12.9	115.4	14.1	95	99.8	PASS
SLF-20-D	8/2/2022	59,691	35,513	10	SLF-25-R	115.6	12.9	115.4	14.5	95	99.8	PASS
SLF-21-D	8/2/2022	59,682	35,463	10	SLF-25-R	115.6	12.9	110.7	14.6	95	95.8	PASS
SLF-22-D	8/2/2022	59,624	35,539	10	SLF-25-R	115.6	12.9	114.9	14.7	95	99.4	PASS
SLF-23-D	8/4/2022	59,224	35,902	10	SLF-25-R	115.6	12.9	115.4	14.4	95	99.8	PASS
SLF-24-D	8/4/2022	59,348	35,854	10	SLF-25-R	115.6	12.9	115.3	14.3	95	99.7	PASS
SLF-25-D	8/4/2022	59,428	35,816	10	SLF-25-R	115.6	12.9	114.9	12.1	95	99.4	PASS
SLF-26-D	8/4/2022	59,524	35,715	10	SLF-25-R	115.6	12.9	114.2	11.9	95	98.8	PASS
SLF-27-D	8/4/2022	59,614	35,621	10	SLF-25-R	115.6	12.9	113.6	12.4	95	98.3	PASS
SLF-28-D	8/4/2022	59,518	35,560	10	SLF-25-R	115.6	12.9	113.9	13.5	95	98.5	PASS
SLF-29-D	8/4/2022	59,455	35,671	10	SLF-25-R	115.6	12.9	112.2	13.9	95	97.1	PASS
SLF-30-D	8/4/2022	59,341	35,763	10	SLF-25-R	115.6	12.9	111.9	12.8	95	96.8	PASS
SLF-31-D	8/5/2022	59,528	35,342	10	SLF-25-R	115.6	12.9	114.9	11.6	95	99.4	PASS
SLF-32-D	8/5/2022	59,558	35,297	10	SLF-25-R	115.6	12.9	114.8	11.9	95	99.3	PASS



**Table 10**  
**Cripple Creek & Victor Gold Mining Company**  
**Valley Leach Facility 2 Phase 3**  
**Stage A.1 Record of Construction**  
**Nuclear Gauge Moisture-Density Testing Summary - Soil Liner Fill**

TEST NUMBER	DATE TESTED	LOCATION		DEPTH (in)	LABORATORY			FIELD				PASS/FAIL
		NORTHING	EASTING		SAMPLE NUMBER	MAX. DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	DRY DENSITY (pcf)	MOISTURE CONTENT (%)	SPECIFIED COMPACTION (%)	COMPACTION (%)	
SLF-33-D	8/5/2022	59,598	35,234	10	SLF-25-R	115.6	12.9	115.4	12.7	95	99.8	PASS
SLF-34-D	8/11/2022	59,156	35,858	10	SLF-25-R	115.6	12.9	112.7	14.8	95	97.5	PASS
SLF-35-D	8/11/2022	59,131	35,819	10	SLF-25-R	115.6	12.9	113.1	13.8	95	97.8	PASS
SLF-36-D	8/11/2022	59,229	35,764	10	SLF-25-R	115.6	12.9	115.5	13.1	95	99.9	PASS
SLF-37-D	8/11/2022	59,207	35,679	10	SLF-25-R	115.6	12.9	115.3	13.6	95	99.7	PASS
SLF-38-D	8/11/2022	59,348	35,658	10	SLF-25-R	115.6	12.9	115.5	12.9	95	99.9	PASS
SLF-39-D	8/12/2022	59,428	35,234	10	SLF-25-R	115.6	12.9	115.5	12.9	95	99.9	PASS
SLF-40-D	8/12/2022	59,386	35,191	10	SLF-25-R	115.6	12.9	115.4	12.4	95	99.8	PASS
SLF-41-D	8/12/2022	59,336	35,164	10	SLF-25-R	115.6	12.9	114.8	13.9	95	99.3	PASS
SLF-42-D	8/12/2022	59,371	35,261	10	SLF-25-R	115.6	12.9	115.2	14.0	95	99.7	PASS
SLF-43-D	8/12/2022	59,296	35,296	10	SLF-25-R	115.6	12.9	113.2	14.2	95	97.9	PASS
SLF-44-D	8/12/2022	59,373	35,343	10	SLF-25-R	115.6	12.9	115.5	11.9	95	99.9	PASS
SLF-45-D	8/13/2022	59,264	35,499	10	SLF-25-R	115.6	12.9	115.6	12.3	95	100.0	PASS
SLF-46-D	8/13/2022	59,208	35,513	10	SLF-25-R	115.6	12.9	110.3	13.8	95	95.4	PASS
SLF-47-D	8/13/2022	59,480	35,307	10	SLF-25-R	115.6	12.9	115.6	13.6	95	100.0	PASS
SLF-48-D	8/13/2022	59,425	35,335	10	SLF-25-R	115.6	12.9	110.5	13.6	95	95.6	PASS
SLF-49-D	8/13/2022	59,413	35,408	10	SLF-25-R	115.6	12.9	114.9	12.4	95	99.4	PASS
SLF-50-D	8/13/2022	59,455	35,439	10	SLF-25-R	115.6	12.9	115.0	11.6	95	99.5	PASS
SLF-51-D	8/18/2022	59,149	35,503	10	SLF-25-R	115.6	12.9	110.5	15.3	95	95.6	PASS
SLF-52-D	8/18/2022	59,327	35,522	10	SLF-25-R	115.6	12.9	115.3	14.0	95	99.7	PASS
SLF-53-D	8/18/2022	59,255	35,573	10	SLF-25-R	115.6	12.9	115.5	13.5	95	99.9	PASS
SLF-54-D	8/19/2022	59,124	35,679	10	SLF-25-R	115.6	12.9	115.1	13.1	95	99.6	PASS
SLF-55-D	8/19/2022	59,047	35,642	10	SLF-25-R	115.6	12.9	115.6	13.2	95	100.0	PASS
SLF-56-D	8/19/2022	59,019	35,756	10	SLF-25-R	115.6	12.9	114.5	13.0	95	99.0	PASS
SLF-57-D	9/8/2022	59,412	35,301	10	SLF-25-R	115.6	12.9	111.8	15.8	95	96.7	PASS
SLF-58-D	9/8/2022	59,483	35,311	10	SLF-25-R	115.6	12.9	110.9	15.6	95	95.9	PASS
SLF-59-D	10/4/2022	58,889	34,714	10	SLF-25-R	115.6	12.9	115.6	11.7	95	100.0	PASS
SLF-60-D	10/4/2022	58,860	34,805	10	SLF-25-R	115.6	12.9	112.7	11.8	95	97.5	PASS
SLF-61-D	10/4/2022	58,911	34,787	10	SLF-25-R	115.6	12.9	115.0	11.3	95	99.5	PASS
SLF-62-D	10/4/2022	58,903	34,858	10	SLF-25-R	115.6	12.9	112.2	11.0	95	97.1	PASS
SLF-63-D	10/4/2022	58,861	34,932	10	SLF-25-R	115.6	12.9	115.5	11.9	95	99.9	PASS
SLF-64-D	10/4/2022	58,882	35,027	10	SLF-25-R	115.6	12.9	115.2	12.3	95	99.7	PASS

**Table 10**  
**Cripple Creek & Victor Gold Mining Company**  
**Valley Leach Facility 2 Phase 3**  
**Stage A.1 Record of Construction**  
**Nuclear Gauge Moisture-Density Testing Summary - Soil Liner Fill**

TEST NUMBER	DATE TESTED	LOCATION		DEPTH (in)	LABORATORY			FIELD				PASS/FAIL
		NORTHING	EASTING		SAMPLE NUMBER	MAX. DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	DRY DENSITY (pcf)	MOISTURE CONTENT (%)	SPECIFIED COMPACTION (%)	COMPACTION (%)	
SLF-65-D	10/4/2022	58,851	35,097	10	SLF-25-R	115.6	12.9	112.8	11.5	95	97.6	PASS
SLF-66-D	10/5/2022	58,794	35,279	10	SLF-25-R	115.6	12.9	115.5	12.1	95	100	PASS
SLF-67-D	10/5/2022	58,835	35,299	10	SLF-25-R	115.6	12.9	112.1	11.5	95	97	PASS
SLF-68-D	10/5/2022	58,794	35,220	10	SLF-25-R	115.6	12.9	109.9	11.1	95	95	PASS
SLF-69-D	10/5/2022	58,915	35,227	10	SLF-25-R	115.6	12.9	115.3	13.2	95	100	PASS
SLF-70-D	10/5/2022	59,022	35,332	10	SLF-25-R	115.6	12.9	115.5	11.5	95	100	PASS
SLF-71-D	10/5/2022	58,942	35,163	10	SLF-25-R	115.6	12.9	115.0	11.8	95	99	PASS
SLF-72-D	10/5/2022	58,830	35,176	10	SLF-25-R	115.6	12.9	115.6	11.6	95	100	PASS
SLF-73-D	10/5/2022	59,128	35,237	10	SLF-25-R	115.6	12.9	113.9	13.4	95	99	PASS
SLF-74-D	10/5/2022	59,113	35,343	10	SLF-25-R	115.6	12.9	113.6	13.9	95	98	PASS
SLF-75-D	10/7/2022	59,778	35,453	10	SLF-25-R	115.6	12.9	112.5	11.7	95	97	PASS
SLF-76-D	10/7/2022	59,773	35,378	10	SLF-25-R	115.6	12.9	115.0	11.2	95	99	PASS
SLF-77-D	10/7/2022	59,786	35,301	10	SLF-25-R	115.6	12.9	115.3	11.9	95	100	PASS
SLF-78-D	10/7/2022	59,756	35,314	10	SLF-25-R	115.6	12.9	115.5	11.0	95	100	PASS
SLF-79-D	10/17/2022	59,654	35,179	10	SLF-25-R	115.6	12.9	110.9	12.0	95	96	PASS
SLF-80-D	10/17/2022	59,562	35,112	10	SLF-25-R	115.6	12.9	115.6	11.5	95	100	PASS
SLF-81-D	10/17/2022	59,377	35,053	10	SLF-25-R	115.6	12.9	115.0	12.0	95	99	PASS
SLF-82-D	10/17/2022	59,294	35,027	10	SLF-25-R	115.6	12.9	116.0	11.9	95	100	PASS
SLF-83-D	10/19/2022	58,780	35,396	10	SLF-25-R	115.6	12.9	115.5	11.2	95	100	PASS
SLF-84-D	10/19/2022	58,807	35,458	10	SLF-25-R	115.6	12.9	115.1	11.0	95	100	PASS
SLF-85-D	10/19/2022	58,902	35,538	10	SLF-25-R	115.6	12.9	115.0	10.9	95	99	PASS
SLF-86-D	10/19/2022	58,930	35,466	10	SLF-25-R	115.6	12.9	114.5	12.0	95	99	PASS
SLF-87-D	10/19/2022	59,057	35,454	10	SLF-25-R	115.6	12.9	111.0	11.1	95	96	PASS
SLF-88-D	10/19/2022	59,020	35,529	10	SLF-25-R	115.6	12.9	116.0	11.5	95	100	PASS
SLF-89-D	10/19/2022	58,974	35,557	10	SLF-25-R	115.6	12.9	111.7	11.8	95	97	PASS

**Table 11**  
**Cripple Creek & Victor Gold Mining Company**  
**Valley Leach Facility 2 Phase 3**  
**Stage A.1 Record of Construction**  
**Soil Liner Fill Depth Verification Summary**



DATE	SAMPLE NUMBER	DEPTH (IN)	LOCATION		ELEVATION (FT)	REQUIRED DEPTH (IN)	PASS/FAIL
			NORTHING	EASTING			
7/22/2022	SLF-1-D	14	59,323	35,959	FG	12	PASS
7/22/2022	SLF-2-D	14	59,367	35,967	FG	12	PASS
7/22/2022	SLF-3-D	13	59,394	35,990	FG	12	PASS
7/25/2022	SLF-4-D	14	59,398	35,908	FG	12	PASS
7/25/2022	SLF-5-D	15	59,431	35,930	FG	12	PASS
7/25/2022	SLF-6-D	17	59,467	35,940	FG	12	PASS
7/25/2022	SLF-7-D	15	59,500	35,931	FG	12	PASS
7/25/2022	SLF-8-D	14	59,473	35,868	FG	12	PASS
7/26/2022	SLF-9-D	14	59,553	35,780	FG	12	PASS
7/26/2022	SLF-10-D	15	59,606	35,768	FG	12	PASS
7/26/2022	SLF-11-D	16	59,660	35,775	FG	12	PASS
7/26/2022	SLF-12-D	12	59,134	36,028	FG	12	PASS
7/26/2022	SLF-13-D	14	59,147	35,956	FG	12	PASS
7/29/2022	SLF-14-D	17	59,606	35,727	FG	12	PASS
7/29/2022	SLF-15-D	16	59,639	35,739	FG	12	PASS
8/1/2022	SLF-16-D	14	59,797	35,583	FG	12	PASS
8/1/2022	SLF-17-D	14	59,858	35,534	FG	12	PASS
8/1/2022	SLF-18-D	14	59,840	35,497	FG	12	PASS
8/2/2022	SLF-19-D	15	59,708	35,550	FG	12	PASS
8/2/2022	SLF-20-D	15	59,691	35,513	FG	12	PASS
8/2/2022	SLF-21-D	14	59,682	35,463	FG	12	PASS
8/2/2022	SLF-22-D	14	59,624	35,539	FG	12	PASS
8/4/2022	SLF-23-D	14	59,224	35,902	FG	12	PASS
8/4/2022	SLF-24-D	15	59,348	35,854	FG	12	PASS
8/4/2022	SLF-25-D	15	59,428	35,816	FG	12	PASS
8/4/2022	SLF-26-D	15	59,524	35,715	FG	12	PASS
8/4/2022	SLF-27-D	15	59,614	35,621	FG	12	PASS
8/4/2022	SLF-28-D	14	59,518	35,560	FG	12	PASS
8/4/2022	SLF-29-D	15	59,455	35,671	FG	12	PASS
8/4/2022	SLF-30-D	16	59,341	35,763	FG	12	PASS
8/5/2022	SLF-31-D	14	59,528	35,342	FG	12	PASS
8/5/2022	SLF-32-D	16	59,558	35,297	FG	12	PASS
8/5/2022	SLF-33-D	13	59,598	35,234	FG	12	PASS
8/11/2022	SLF-34-D	16	59,156	35,858	FG	12	PASS
8/11/2022	SLF-35-D	16	59,131	35,819	FG	12	PASS
8/11/2022	SLF-36-D	15	59,229	35,764	FG	12	PASS
8/11/2022	SLF-37-D	13	59,207	35,679	FG	12	PASS
8/11/2022	SLF-38-D	14	59,348	35,658	FG	12	PASS
8/12/2022	SLF-39-D	13	59,428	35,234	FG	12	PASS

**Table 11**  
**Cripple Creek & Victor Gold Mining Company**  
**Valley Leach Facility 2 Phase 3**  
**Stage A.1 Record of Construction**  
**Soil Liner Fill Depth Verification Summary**



DATE	SAMPLE NUMBER	DEPTH (IN)	LOCATION		ELEVATION (FT)	REQUIRED DEPTH (IN)	PASS/FAIL
			NORTHING	EASTING			
8/12/2022	SLF-40-D	16	59,386	35,191	FG	12	PASS
8/12/2022	SLF-41-D	14	59,336	35,164	FG	12	PASS
8/12/2022	SLF-42-D	16	59,371	35,261	FG	12	PASS
8/12/2022	SLF-43-D	13	59,296	35,296	FG	12	PASS
8/12/2022	SLF-44-D	13	59,373	35,343	FG	12	PASS
8/13/2022	SLF-45-D	15	59,264	35,499	FG	12	PASS
8/13/2022	SLF-46-D	15	59,208	35,513	FG	12	PASS
8/13/2022	SLF-47-D	16	59,480	35,307	FG	12	PASS
8/13/2022	SLF-48-D	16	59,425	35,335	FG	12	PASS
8/13/2022	SLF-49-D	14	59,413	35,408	FG	12	PASS
8/13/2022	SLF-50-D	15	59,455	35,439	FG	12	PASS
8/18/2022	SLF-51-D	14	59,149	35,503	FG	12	PASS
8/18/2022	SLF-52-D	14	59,327	35,522	FG	12	PASS
8/18/2022	SLF-53-D	16	59,255	35,573	FG	12	PASS
8/19/2022	SLF-54-D	14	59,124	35,679	FG	12	PASS
8/19/2022	SLF-55-D	13	59,047	35,642	FG	12	PASS
8/19/2022	SLF-56-D	13	59,019	35,756	FG	12	PASS
9/8/2022	SLF-57-D	17	59,412	35,301	FG	12	PASS
9/8/2022	SLF-58-D	18	59,483	35,311	FG	12	PASS
10/4/2022	SLF-59-D	16	58,889	34,714	FG	12	PASS
10/4/2022	SLF-60-D	16	58,860	34,805	FG	12	PASS
10/4/2022	SLF-61-D	16	58,911	34,787	FG	12	PASS
10/4/2022	SLF-62-D	16	58,903	34,858	FG	12	PASS
10/4/2022	SLF-63-D	16	58,861	34,932	FG	12	PASS
10/4/2022	SLF-64-D	16	58,882	35,027	FG	12	PASS
10/4/2022	SLF-65-D	15	58,851	35,097	FG	12	PASS
10/5/2022	SLF-66-D	15	58,794	35,279	FG	12	PASS
10/5/2022	SLF-67-D	16	58,835	35,299	FG	12	PASS
10/5/2022	SLF-68-D	16	58,794	35,220	FG	12	PASS
10/5/2022	SLF-69-D	16	58,915	35,227	FG	12	PASS
10/5/2022	SLF-70-D	16	59,022	35,332	FG	12	PASS
10/5/2022	SLF-71-D	16	58,942	35,163	FG	12	PASS
10/5/2022	SLF-72-D	16	58,830	35,176	FG	12	PASS
10/5/2022	SLF-73-D	16	59,128	35,237	FG	12	PASS
10/5/2022	SLF-74-D	16	59,113	35,343	FG	12	PASS
10/7/2022	SLF-75-D	14	59,778	35,453	FG	12	PASS
10/7/2022	SLF-76-D	14	59,773	35,378	FG	12	PASS
10/7/2022	SLF-77-D	16	59,786	35,301	FG	12	PASS
10/7/2022	SLF-78-D	14	59,756	35,314	FG	12	PASS
10/17/2022	SLF-79-D	14	59,654	35,179	FG	12	PASS
10/17/2022	SLF-80-D	14	59,562	35,112	FG	12	PASS
10/17/2022	SLF-81-D	15	59,377	35,053	FG	12	PASS
10/17/2022	SLF-82-D	16	59,294	35,027	FG	12	PASS
10/19/2022	SLF-83-D	16	58,780	35,396	FG	12	PASS
10/19/2022	SLF-84-D	16	58,807	35,458	FG	12	PASS
10/19/2022	SLF-85-D	16	58,902	35,538	FG	12	PASS
10/19/2022	SLF-86-D	15	58,930	35,466	FG	12	PASS
10/19/2022	SLF-87-D	16	59,057	35,454	FG	12	PASS
10/19/2022	SLF-88-D	16	59,020	35,529	FG	12	PASS
10/19/2022	SLF-89-D	17	58,974	35,557	FG	12	PASS