



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 ²	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 ¹	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	1×10^{-6}	2 inch	100
			No. 200	15-65
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 (HCBF)	Structural Fill (SF)	Select Structural Fill (SSF)	Leak Detection Fill (LDF)	Soil Liner Fill (SLF)	Drain Cover Fill (DCF & DCFO)
Quantity of Material Placed (cy)	338,623	48,556	969	173	89,450	178,900
Particle Size Tests Performed	7	1	1	2	31	14
Specified Particle Size Test Frequency	50,000	50,000	50,000	10,000	4,000	20,000
Actual Particle Size Test Frequency	48,375	48,556	969	87	2,885	12,779
Atterberg Limit Tests Performed	7	1	2	2	31	14
Specified Atterberg Limit Test Frequency	50,000	50,000	50,000	10,000	4,000	20,000
Actual Atterberg Limit Test Frequency	48,375	48,556	485	87	368	12,779
Laboratory Compaction Tests Performed	See Note 1	See Note 1	See Note 1	N/A	28	N/A
Specified Compaction Test Frequency	N/A	N/A	N/A	N/A	4,000	N/A
Actual Compaction Test Frequency	N/A	N/A	N/A		3,195	
Permeability Tests Performed	N/A	N/A	N/A	N/A	28	N/A
Specified Permeability Test Frequency	N/A	N/A	N/A	N/A	4,000	N/A
Actual Permeability Test Frequency					3,195	
Moisture Content Tests Performed	See Note 1	See Note 1	See Note 1	N/A	195	N/A
Specified Moisture Content Test Frequency	2,000	2,000	2,000	N/A	500	N/A
Actual Moisture Content Test Frequency	See Note 1	See Note 1	See Note 1		459	
Field Nuclear Density Tests Performed	See Note 1	See Note 1	See Note 1	N/A	195	N/A
Specified Nuclear Density Test Frequency	2,000	2,000	2,000	N/A	500	N/A
Actual Nuclear Density Test Frequency	See Note 1	See Note 1	See Note 1		459	
Field Depth Verification Tests Performed	N/A	N/A	N/A	N/A	195	N/A
Specified Depth Verification Test Frequency	N/A	N/A	N/A	N/A	2.0 test/ac	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.2 Record of Construction
Summary of Weather Data

Date	Low Ambient Temperature (°F)	High Ambient Temperature (°F)	Precipitation (inches)	Maximum Wind Speed (mph)	Remarks
Saturday, April 15, 2023					No work performed
Sunday, April 16, 2023					No work performed
Monday, April 17, 2023	17	63	0	27	
Tuesday, April 18, 2023	12	65	0	24	
Wednesday, April 19, 2023	15	44	0	25	
Thursday, April 20, 2023	11	46	0	42	
Friday, April 21, 2023	22	44	0	35	
Saturday, April 22, 2023					No work performed
Sunday, April 23, 2023					No work performed
Monday, April 24, 2023	22	59	Trace	14	
Tuesday, April 25, 2023	10	66	0	31	
Wednesday, April 26, 2023	28	52	0	21	
Thursday, April 27, 2023	22	56	0.2	22	
Friday, April 28, 2023	22	57	0	25	
Saturday, April 29, 2023					No work performed
Sunday, April 30, 2023					No work performed
Monday, May 1, 2023	30	65	0	41	
Tuesday, May 2, 2023	35	67	0	28	
Wednesday, May 3, 2023	33	67	0	29	
Thursday, May 4, 2023	34	62	0	34	
Friday, May 5, 2023	33	64	0	30	
Saturday, May 6, 2023					No work performed
Sunday, May 7, 2023					No work performed
Monday, May 8, 2023	24	69	0	29	
Tuesday, May 9, 2023	22	70	0	29	
Wednesday, May 10, 2023	28	60	0	34	
Thursday, May 11, 2023	34	50	Trace	50	
Friday, May 12, 2023	32	48	2.5	41	10" Snow/No work
Saturday, May 13, 2023					No work performed
Sunday, May 14, 2023					No work performed
Monday, May 15, 2023	32	66	0.48	38	
Tuesday, May 16, 2023	34	64	0.57	35	
Wednesday, May 17, 2023	34	62	Trace	35	
Thursday, May 18, 2023	37	51	0.2	29	
Friday, May 19, 2023	35	66	0.74	43	
Saturday, May 20, 2023					No work performed
Sunday, May 21, 2023					No work performed
Monday, May 22, 2023	34	65	0	26	
Tuesday, May 23, 2023	36	61	0	24	
Wednesday, May 24, 2023	37	59	0.05	24	
Thursday, May 25, 2023	33	65	0.18	30	
Friday, May 26, 2023	35	64	Trace	25	
Saturday, May 27, 2023					No work performed
Sunday, May 28, 2023					No work performed
Monday, May 29, 2023	37	70	0	40	
Tuesday, May 30, 2023	35	62	0.09	37	

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

Date	Low Ambient Temperature (°F)	High Ambient Temperature (°F)	Precipitation (inches)	Maximum Wind Speed (mph)	Remarks
Wednesday, May 31, 2023	39	62	0	21	
Thursday, June 1, 2023	37	65	0	34	
Friday, June 2, 2023	35	65	Trace	30	
Saturday, June 3, 2023					No work performed
Sunday, June 4, 2023					No work performed
Monday, June 5, 2023	39	67	0.54	37	
Tuesday, June 6, 2023	36	51	0.15	42	
Wednesday, June 7, 2023	37	64	0.17	28	
Thursday, June 8, 2023	37	67	0	30	
Friday, June 9, 2023	39	68	0	25	
Saturday, June 10, 2023					No work performed
Sunday, June 11, 2023					No work performed
Monday, June 12, 2023	40	59	0.19	23	
Tuesday, June 13, 2023	39	47	0.27	31	
Wednesday, June 14, 2023	43	64	0.05	30	
Thursday, June 15, 2023	42	62	0.05	28	
Friday, June 16, 2023	42	64	0.72	31	
Saturday, June 17, 2023					No work performed
Sunday, June 18, 2023					No work performed
Monday, June 19, 2023					No work performed
Tuesday, June 20, 2023	43	73	0	20	
Wednesday, June 21, 2023	49	80	0	25	
Thursday, June 22, 2023	53	79	0	24	
Friday, June 23, 2023	49	75	0	25	
Saturday, June 24, 2023	51	76	0	29	
Sunday, June 25, 2023					No work performed
Monday, June 26, 2023	50	80	0	19	
Tuesday, June 27, 2023	45	79	0	20	
Wednesday, June 28, 2023	49	76	0	20	
Thursday, June 29, 2023	50	75	0	17	
Friday, June 30, 2023	48	69	0	23	
Saturday, July 1, 2023	42	70	0	25	
Sunday, July 2, 2023					No work performed
Monday, July 3, 2023					No work performed
Tuesday, July 4, 2023					No work performed
Wednesday, July 5, 2023	49	64	0.09	20	
Thursday, July 6, 2023	53	72	Trace	18	
Friday, July 7, 2023	50	76	0	18	
Saturday, July 8, 2023	48	75	Trace	15	
Sunday, July 9, 2023					No work performed
Monday, July 10, 2023	51	84	0	29	
Tuesday, July 11, 2023	49	84	Trace	32	
Wednesday, July 12, 2023	50	80	0	20	
Thursday, July 13, 2023	50	82	Trace	24	
Friday, July 14, 2023	50	80	0	19	
Saturday, July 15, 2023	52	78	0.2	27	

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

Date	Low Ambient Temperature (°F)	High Ambient Temperature (°F)	Precipitation (inches)	Maximum Wind Speed (mph)	Remarks
Sunday, July 16, 2023					No work performed
Monday, July 17, 2023	51	84	0	22	
Tuesday, July 18, 2023	53	80	0	16	
Wednesday, July 19, 2023	50	78	0	15	
Thursday, July 20, 2023	50	74	0.1	17	
Friday, July 21, 2023	51	75	0.06	17	
Saturday, July 22, 2023	51	77	0	14	
Sunday, July 23, 2023					No work performed
Monday, July 24, 2023	49	79	Trace	18	
Tuesday, July 25, 2023	50	82	0	22	
Wednesday, July 26, 2023	44	80	0.08	20	
Thursday, July 27, 2023	46	80	0.06	18	
Friday, July 28, 2023	45	83	0	15	
Saturday, July 29, 2023	41	82	Trace	17	
Sunday, July 30, 2023					No work performed
Monday, July 31, 2023	52	82	0	22	
Tuesday, August 1, 2023	45	82	0.15	18	
Wednesday, August 2, 2023	47	77	Trace	15	
Thursday, August 3, 2023	45	78	0.16	21	
Friday, August 4, 2023	48	78	0	18	
Saturday, August 5, 2023	44	75	0	18	
Sunday, August 6, 2023	48	77	0	22	No work performed
Monday, August 7, 2023	45	76	0	12	
Tuesday, August 8, 2023	44	77	0	18	
Wednesday, August 9, 2023	39	74	0	23	
Thursday, August 10, 2023	48	75	0	19	
Friday, August 11, 2023	44	77	0	20	
Saturday, August 12, 2023					No work performed
Sunday, August 13, 2023					No work performed
Monday, August 14, 2023	45	80	0	19	
Tuesday, August 15, 2023	45	80	0	17	
Wednesday, August 16, 2023	45	80	0	21	
Thursday, August 17, 2023	45	80	0	21	
Friday, August 18, 2023	46	84	0	2	
Saturday, August 19, 2023	45	82	0	22	No work performed
Sunday, August 20, 2023	46	82	0	27	No work performed
Monday, August 21, 2023	50	81	0	17	
Tuesday, August 22, 2023	50	80	0	20	
Wednesday, August 23, 2023	48	79	0	18	
Thursday, August 24, 2023	47	76	0	12	
Friday, August 25, 2023	49	70	0.33	15	
Saturday, August 26, 2023	47	76	0.91	21	No work performed
Sunday, August 27, 2023	47	74	Trace	20	No work performed
Monday, August 28, 2023	39	68	0.29	24	
Tuesday, August 29, 2023	42	80	0	15	
Wednesday, August 30, 2023	45	81	0	22	

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

Date	Low Ambient Temperature (°F)	High Ambient Temperature (°F)	Precipitation (inches)	Maximum Wind Speed (mph)	Remarks
Thursday, August 31, 2023	41	80	0	2	
Friday, September 1, 2023	48	78	0	10	
Saturday, September 2, 2023	50	76	0	12	
Sunday, September 3, 2023	52	75	0	15	
Monday, September 4, 2023	48	74	0	16	
Tuesday, September 5, 2023	43	72	0	10	
Wednesday, September 6, 2023	42	74	0	9	
Thursday, September 7, 2023	44	70	0	12	
Friday, September 8, 2023	42	62	0.56	14	
Saturday, September 9, 2023	43	56	0	12	No work performed
Sunday, September 10, 2023	40	50	0.91	12	No work performed
Monday, September 11, 2023	40	56	0.01	9	
Tuesday, September 12, 2023	43	54	0.02	12	
Wednesday, September 13, 2023	40	57	0.17	13	
Thursday, September 14, 2023	36	41	0.43	6	
Friday, September 15, 2023	35	58	0	58	
Saturday, September 16, 2023	41	62	0	13	No work performed
Sunday, September 17, 2023	45	59	0	16	No work performed
Monday, September 18, 2023	40	58	0	15	
Tuesday, September 19, 2023	42	61	0	19	
Wednesday, September 20, 2023	42	60	0	17	
Thursday, September 21, 2023	41	62	0	15	
Friday, September 22, 2023	42	60	0	16	
Saturday, September 23, 2023	35	61	0	12	No work performed
Sunday, September 24, 2023	40	63	0	12	No work performed
Monday, September 25, 2023	44	67	0	14	
Tuesday, September 26, 2023	46	67	0	14	
Wednesday, September 27, 2023	49	68	0	12	
Thursday, September 28, 2023	47	67	0	18	
Friday, September 29, 2023	43	66	0.03	15	
Saturday, September 30, 2023	42	61	0.11	15	No work performed
Sunday, October 1, 2023	38	57	0.18	25	No work performed
Monday, October 2, 2023	34	45	0	17	
Tuesday, October 3, 2023	36	51	0	23	
Wednesday, October 4, 2023	31	51	Trace	12	
Thursday, October 5, 2023	33	56	0	11	
Friday, October 6, 2023	34	43	0	13	

Table 4
Cripple Creek Victor Gold Mining Company
VLF 2 Phase 3
Stage A.2 Record of Construction
Fill Temperature Monitoring Summary



Date	Time of Test	Ambient Temp. (°F)	Average Fill Temp. (°F)	Remarks
4/17/2023	7:00	17	33	Top 6" of material removed; Surface then ripped and recompact.
	8:00	22	33	
	9:00	30	35	
	10:00	45	38	
4/18/2023	8:00	12	33	Top 6" of material removed; Surface then ripped and recompact.
	9:00	18	33	
	10:00	29	33	
	11:00	36	35	
	12:00	50	40	
4/19/2023	7:10	15	35	Top 6" of material removed; Surface then ripped and recompact.
	8:00	20	40	
	9:00	26	41	
	9:55	40	41	
4/20/2023	6:55	11	44	
	7:55	14	44	
	8:30	31	44	
	9:28	42	43	
4/21/2023	7:00	22	38	
	8:00	28	40	
	9:00	31	40	
	9:45	39	42	
4/24/2023	6:45	23	42	
	7:45	29	45	
	8:45	32	50	
	9:45	45	46	
4/25/2023	8:30	10	39	
	9:30	31	47	
	10:30	45	48	
	11:30	52	47	
4/26/2023	6:45	29	45	
	7:45	31	45	
	8:45	34	50	
	9:45	45	49	

Table 4
Cripple Creek Victor Gold Mining Company
VLF 2 Phase 3
Stage A.2 Record of Construction
Fill Temperature Monitoring Summary



Date	Time of Test	Ambient Temp. (°F)	Average Fill Temp. (°F)	Remarks
4/27/2023	7:00	24	46	
	8:00	30	51	
	8:45	31	51	
	9:30	40	54	
4/28/2023	7:00	22	46	
	8:00	30	50	
	9:00	34	50	
	10:00	45	54	
5/1/2023	6:35	31	50	
	7:30	32	55	
	8:30	35	56	
	9:30	50	58	
5/8/2023	6:30	24	39	
	7:30	30	49	
	8:30	34	48	
	9:30	46	52	
5/9/2023	6:30	24	37	
	7:30	22	54	
	8:30	30	58	
	9:15	41	58	
5/10/2023	6:45	28	50	
	7:45	34	57	
	8:45	39	57	
	9:45	47	60	

Table 4
Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2
Phase 3 Stage A.2 Record of Construction
CQA Earthworks Testing Summary - Owner Placed Structural Fill (High Compaction Backfill)

SAMPLE NUMBER	DATE SAMPLED			ELEVATION (FT)	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			
		NORTHING	EASTING		100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		0-25	-	-	30 MAX
HCBF-1-R	10/20/21	59,945.0	35,520.0	9,900.0	100	100	94	55.4	45.7	38.5	34.6	28.1	20.4	15.9	13.1	11.8	9	8.4	7.8	7.6	7.1	5	GW-GM	NP	NV	NP
HCBF-2-R	11/03/21	59,480.0	35,280.0	9,905.0	100	92.7	84.5	51	42.8	35.1	29.9	25.6	20.6	14.3	9.7	7.1	5.8	5	5	4.8	4.7	4.5	GW-GM	NP	NV	NP
HCBF-3-R	11/04/21	59,320.0	35,600.0	9,910.0	100	86.5	65.1	45	40.7	34.8	29.4	23.2	19.2	12.9	10.2	8.6	7.3	6	4.3	2.9	2.8	2.2	GP-GM	NP	NV	NP
HCBF-4-R	11/04/21	59,760.0	35,550.0	9,910.0	100	100	94.6	78.1	70.5	51.9	40.8	29.9	22.6	18	15.7	13.6	10.6	9	7.8	6.5	5.7	4.3	GP-GM	NP	NV	NP
HCBF-5-R	11/12/21	59,455.0	35,300.0	9,915.0	100	100	100	90.3	80.6	68.5	55.8	47.9	40.8	32.9	21.9	12.8	10.2	9.4	8.1	7	5.8	4.6	GW-GC	18	26	8
HCBF-6-R	11/17/21	59,250.0	35,350.0	9,920.0	100	100	86.8	50.9	39.1	30.7	25	19.7	13.2	10	8.6	7	6.8	5.9	5.5	5.3	5.1	4.5	GW-GM	NP	NV	NP
HCBF-7-R	11/18/21	59,150.0	35,660.0	9,920.0	100	100	84.2	60.8	51.5	40.3	34.9	25	18.6	11.9	9.1	7.4	3.6	2.9	2.7	2.6	2.6	2.4	GP	NP	NV	NP
HCBF-8-R	11/22/21	59,440.0	35,220.0	9,925.0	100	100	86.8	70.2	64.8	55.9	47.6	40.5	38.7	31.8	25.3	15.9	12	9.5	8.7	8.2	7	6.4	GW-GM	NP	NV	NP
HCBF-9-R	11/22/21	59,200.0	35,600.0	9,925.0	100	84.3	70.9	60.1	51.8	44.7	35	28.9	25.8	22.9	19.4	16.8	11.3	8.2	6.9	6.3	6.2	6.2	GP-GM	NP	NV	NP
HCBF-10-R	12/03/21	59,780.0	35,625.0	9,930.0	100	95.2	90.8	73.8	60.3	52.1	46	40.5	37.7	32.5	25	19.8	16.6	13	11.7	9.2	8	7.4	GC-GM	19	25	6
HCBF-11-R	12/03/21	59,170.0	35,855.0	9,935.0	100	100	88.1	70.9	64.5	56.7	50.6	44.1	38.9	34.5	28.9	24.9	20.3	19	15.6	11.8	9.5	6	GP-GM	NP	NV	NP
HCBF-12-R	12/08/21	59,600.0	35,780.0	9,945.0	100	100	95.6	86.3	80.9	75.1	70.6	61.4	53.8	44.3	34.3	19.7	15.8	10.6	7.2	6	5.4	4	GW	NP	NV	NP
HCBF-13-R	12/09/21	59,250.0	35,520.0	9,945.0	100	93.9	85.7	61	55.3	49.6	45.8	40.5	34.8	29.6	25.3	22.2	18.6	15.7	11.4	7.9	5	4.2	GP-GM	NP	NV	NP
HCBF-14-R	12/14/21	59,175.0	35,590.0	9,950.0	100	89.6	89.6	70.7	62.8	57.3	50.5	42.3	35.1	30.9	25.6	20.1	14	10.7	8.5	8	7.4	6.9	GW-GC	18	25	7
HCBF-15-R	12/16/21	59,615.0	35,380.0	9,955.0	100	100	96.8	76.5	65.9	40.9	28.5	22.1	16.4	10.9	9	6.9	5.2	3	1.6	1.4	1.4	1.3	GW	NP	NV	NP
HCBF-16-R	12/16/21	59,850.0	35,600.0	9,955.0	100	100	86.5	49.3	38.9	30.4	25.8	20	16.4	11.6	9.1	6.2	4.7	2.6	1.5	0.9	0.7	0.7	GW	NP	NV	NP
HCBF-17-R	01/05/22	59,220.0	36,000.0	9,970.0	100	100	84.6	61.8	56.2	49.8	45.6	30.9	23.8	18.6	15	13.5	11.7	8.4	5.6	4	2.1	1.5	GP	NP	NV	NP
HCBF-18-R	01/17/22	59,280.0	35,265.0	9,975.0	100	100	97.8	74	68.9	64.5	59.4	55	49.7	43.8	38.9	35.1	28.1	20.4	14.8	9.7	6.8	4.2	GP-GM	NP	NV	NP
HCBF-19-R	01/18/22	59,540.0	35,080.0	9,980.0	100	82.3	82.3	59.9	54.9	49.7	44.1	38.9	35.2	30.8	24.9	20.7	15.9	10.6	7.2	4.5	2.8	1.5	GW	NP	NV	NP
HCBF-20-R	02/04/22	59,300.0	35,280.0	9,995.0	100	93.4	85.7	68.4	62.4	56.8	51.8	40.9	33.8	28.3	22.8	18.6	12.5	9.1	6.7	4	2.9	1.7	GW	21	29	8
HCBF-21-R	02/07/22	59,520.0	35,120.0	10,000.0	100	97.2	90	58.7	51.3	42.9	37.9	30.4	26.4	20.9	17.6	14.7	10.8	7.5	4.2	1.9	1.8	1.8	GP	NP	NV	NP
HCBF-22-R	02/08/22	59,230.0	36,200.0	10,010.0	100	100	76.9	57.1	49.1	40.7	35.4	30.9	24.7	19.6	15.8	12	8.6	4.2	3	1.4	1.4	1.2	GW	NP	NV	NP
HCBF-23-R	02/23/22	59,200.0	35,200.0	10,005.0	100	78.7	65.3	58.9	55	51.8	47.3	44.1	40.8	36.5	33.3	28.7	24.6	20.9	14.2	11.6	9.1	6.8	GM	NP	NV	NP
HCBF-24-R	03/09/22	59,520.0	36,100.0	10,045.0	100	100	81.9	65.7	60.3	54.8	49.1	45.9	39.7	34.6	29.4	25	20.2	16.5	12.6	9	7.2	5.9	GP-GC	21	31	10
HCBF-25-R	04/01/22	58,960.0	36,400.0	10,095.0	100	93.5	82.9	66.5	59.3	52.9	46.1	40.7	35.3	31.4	25.8	19.6	15.3	11.7	6.8	5	4.9	4.8	GW-GM	NP	NV	NP
HCBF-26-R	04/26/22	58,780.0	36,025.0	10,060.0	100	100	95.2	75.8	64.7	55.3	48.7	42.6	37.1	33.8	28.4	23.8	20	15.3	11.8	8.4	5.7	4	GP-GM	NP	NV	NP
HCBF-27-R	04/28/22	58,750.0	36,100.0	10,070.0	100	100	84.9	59	52.6	47.1	42.3	37.5	33.7	29	25.9	20.8	16.2	12.7	10.1	9.3	8.1	7.5	GM	NP	NV	NP
HCBF-28-R	05/18/22	58,725.0	36,200.0	10,105.0	100	100	90.8	73.4	68	63.5	58.6	52.1	47.6	44.9	38.7	33.7	28.9	24	19.6	14.9	10.6	9	GM	NP	NV	NP
HCBF-29-R	05/24/22	58,680.0	36,320.0	10,115.0	100	89.4	80.6	71.9	64.8	56.3	49.8	44.6	40.1	35.5	29.7	24.9	19.4	15.3	10.8	8.4	6	5.5	GP-GM	NP	NV	NP
Notes:																										
1. Greyed out samples were not used in Stage A.2 construction.																										
2. Samples with a Plasticity Index less than 5 are reported as Non Plastic																										

R - Record Sample

NP - Non Plastic; NV - No Value

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

SAMPLE NUMBER	DATE SAMPLED	LOCATION			ELEVATION (FT)	NATURAL MOISTURE (%)	GRAIN SIZE DISTRIBUTION - PERCENT PASSING																		USCS	ATTEBERG 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
		PHASE NORTHING EASTING					SPECIFICATION - PERCENT PASSING																			SPECIFICATION		
							100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	30 MAX.
SF-1-R	04/24/23	A.2	59,229.0	36,587	2' BFG	-	100	100	92.3	65.4	51.7	40.9	35.4	29	24.1	19.9	15	11.4	8.2	7.5	7.2	6	4.9	3.5	GW-GM	NP	NV	NP
Notes: 1. Samples with a Plasticity Index of less than 5 are reported as Non Plastic.																												

Table 6
Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2
Phase 3 Stage A.2 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
		PHASE	NORTHING	EASTING			SPECIFICATION - PERCENT PASSING														SPECIFICATION			
							100	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
							-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
SSF-1-R	2/22/2023	A.2	58,558	36,521.00	1st Mat	-	100	79.4	64.3	51.7	40.8	32.8	27.4	22.8	14.8	10.2	7.8	5.4	3.9	2	GP	NP	NV	NP
Notes:																								
1. Samples with a Plasticity Index less than 5 are reported as Non Plastic																								

Table 7
Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2
Phase 3 Stage A.2 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
		SPECIFICATION - PERCENT PASSING											SPECIFICATION												
		PHASE	NORTHING	EASTING		100	-	-	-	-	-	-	-	-	-	-		-	-	15-65	-	-			
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	1.5x10 ⁻⁷
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	4.8x10 ⁻⁷
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	1.20x10 ⁻⁷
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	1.7x10 ⁻⁷
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	5.3x10 ⁻⁷
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	5.1x10 ⁻⁷
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	3.4x10 ⁻⁷
SLF-22-C	06/28/22	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	1.2x10 ⁻⁷
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	2.0x10 ⁻⁷
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	4.0x10 ⁻⁷
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	2.70x10 ⁻⁷
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	1.5x10 ⁻⁷
SLF-28-C	07/27/22	Upper SLF Dump 1 Stockpile			Stockpile	100	100	96.6	93.3	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	5.8x10 ⁻⁷
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	115.9	13.5	-
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	2.2x10 ⁻⁷
SLF-31-C	11/30/22	Upper SLF Dump 1 Stockpile			Stockpile	100	98.5	90.4	86.3	80.3	77.7	70.6	60.0	55.3	47.7	45.5	41.4	37.5	SC	13.0	37.0	24	120.5	13.1	6.4x10 ⁻⁷
SLF-32-C	12/15/22	Upper SLF Dump 1 Stockpile			Stockpile	100	98.5	95.1	91.9	86.7	83.9	73.6	61.8	56.0	46.6	44.1	39.5	35.4	SC	16.0	38.0	22	-	-	-
SLF-33-C	12/15/22	Upper SLF Dump 1 Stockpile			Stockpile	100	98.7	90.2	85.6	77.1	71.8	62.3	51.2	45.8	37.4	34.9	30.6	26.8	GC	14.0	38.0	24	-	-	-
SLF-34-C	04/04/23	Upper SLF Dump 1 Stockpile			Stockpile	100	98.8	94.5	91.4	84.7	80.3	68.2	54.3	47.6	38.6	35.1	30.4	26.2	SC	18.0	38.0	20	120.6	14.4	2.2x10 ⁻⁷
SLF-35-C	04/10/23	Upper SLF Dump 1 Stockpile			Stockpile	100	100	98.5	96.8	92.6	89.9	82.3	68.8	61.7	52.0	44.7	40.4	40.1	SC	17.0	36.0	19	114.9	14.4	5.1x10 ⁻⁷
SLF-36-C	04/12/23	Upper SLF Dump 1 Stockpile			Stockpile	100	97.2	92.3	88.1	82.1	79.0	68.8	58.2	53.2	45.3	42.8	37.4	33.3	SC	17.0	42.0	25	119.7	12.8	2.3x10 ⁻⁷
SLF-37-C	04/27/23	Lower SLF Dump 1 Stockpile (JHL)			Stockpile	100	99.7	93.1	89.0	84.1	81.6	74.2	66.3	58.8	46.3	42.9	38.4	33.7	SC	18.0	44.0	26	127.6	10.6	6.3x10 ⁻⁷
SLF-38-C	05/05/23	Lower SLF Dump 1 Stockpile (JHL)			Stockpile	100	99.7	92.2	85.5	74.6	69.4	53.4	47.9	38.5	36.1	33.9	32.2	28.2	SC	17.0	36.0	19	128.6	10.8	8.6x10 ⁻⁷
SLF-39-C	05/05/23	Upper SLF Dump 1 Stockpile			Stockpile	100	99.4	94.3	89.2	82.6	78.4	72.8	61.6	55.1	44.7	41.9	37.1	32.9	SC	15.0	34.0	19	123.9	12.1	1.6x10 ⁻⁷
SLF-40-C	05/08/23	Upper SLF Dump 1 Stockpile			Stockpile	100	96.8	90.0	84.7	78.5	74.8	67.5	55.6	51.2	44.8	33.8	27.2	23.2	SC	17.0	37.0	20	123.9	11.5	7.7x10 ⁻⁷
SLF-41-C	05/16/23	Lower SLF Dump 1 Stockpile (JHL)			Stockpile	100	100	96.7	91.8	83.4	78.8	68.3	57.4	52.3	43.8	41.4	37.1	33.0	SC	16.0	39.0	23	122.5	13.0	5.7x10 ⁻⁷
SLF-42-C	05/16/23	Upper SLF Dump 1 Stockpile			Stockpile	100	98.7	95.0	90.5	83.8	79.8	68.6	57.1	51.5	43.0	40.7	36.5	32.6	SC	13.0	39.0	26	122.6	12.5	1.4x10 ⁻⁷
SLF-43-C	05/17/23	Lower SLF Dump 1 Stockpile (JHL)			Stockpile	100	97.5	92.9	89.3	81.6	76.2	68.8	58.6	53.0	44.1	41.6	37.3	33.3	SC	14.0	34.0	20	121.6	13.1	9.2x10 ⁻⁷
SLF-44-C	05/24/23	Lower SLF Dump 1 Stockpile (JHL)			Stockpile	100	99.1	87.0	79.1	67.7	62.4	55.4	45.9	40.7	33.6	31.7	28.6	25.0	GC	15.0	28.0	13	133.1	9.4	3.4x10 ⁻⁷
SLF-45-C	05/24/23	Lower SLF Dump 1 Stockpile (JHL)			Stockpile	100	99.4	93.6	86.7	74.0	67.1	58.6	49.3	44.7	36.8	34.7	31.0	27.2	GC	14.0	29.0	15	131.1	10.6	9.5x10 ⁻⁷
SLF-46-C	05/25/23	Lower SLF Dump 1 Stockpile (JHL)			Stockpile	100	100	96.2	92.5	83.6	77.6	66.0	53.3	48.3	41.2	39.0	35.0	30.8	SC	12.0	27.0	15	125.6	9.3	6.7x10 ⁻⁷
SLF-47-C	05/30/23	Lower SLF Dump 1 Stockpile (JHL)			Stockpile	100	99.5	94.1	87.6	79.5	74.5	65.3	52.4	47.1	39.7	37.5	33.7	29.4	SC	14.0	29.0	15	128.2	10.2	4.0x10 ⁻⁷

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.2 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	
		100	-	-		-	-	-	-	-	-	-	-	-	-	15-65	-	-		10 MIN.					1x10 ⁻⁶	
		SLF-48-C	06/01/23	P3 SA.2		58,693.7	35,505.8	10,055'	100	98.9	96.6	92.9	82.1	76.1	62.8	52.5	47.8	40.2		37.8	33.4	29.4	GC	16.0	36.0	20
SLF-49-C	06/12/23	P3 SA.2	58,927.2	36,260.9	10,059'	100	100	96.1	93.0	87.6	84.7	74.3	60.5	55.0	47.0	43.0	40.3	36.1	SC	12.0	36.0	24	117.5	13.7	1.5x10 ⁻⁷	
Notes:																										
1. Greyed out samples were used in Stage A.1 construction and are included for numbering continuity.																										

Table 8
Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2
Phase 3 Stage A.2 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-R	08/17/23	3A.2	4508	FG		100	99.2	98	86.7	76.2	61	50.4	33.4	29.2	23.2	15	13.2	10.5	7.6	GW-GM	23	27	NP
DCFO-2-R	09/13/23	3A.2	4524	FG	-	100	99.2	94.8	68.6	53.1	35.4	27.8	16.6	10.2	8.3	6.1	5.5	4.4	3.5	GW	NP	NV	NP
DCFO-3-R	09/13/23	3A.2	4651	FG	-	100	100	80.1	59.9	49.9	37.1	32	22.8	16.7	14.1	10	8.9	6.9	5.4	GP-GM	NP	NV	NP
DCFO-4-R	09/13/23	3A.2	4564	FG	-	100	99.4	98.2	83.6	65.4	45.4	36.4	26.1	17.3	13.8	9.1	7.9	5.9	4.4	GP	NP	NV	NP
DCFO-5-R	09/20/23	3A.2	4271	FG	-	100	100	94.4	76.7	65.2	50.2	43.3	32.9	23.5	13.2	11.6	9	7.1	6.9	GP-GM	NP	NV	NP
DCFO-6-R	09/25/23	3A.2	4574	FG	-	100	100	99	88	78	63.1	55.3	34.3	27.9	22.2	14.3	12.3	9.2	7.2	GP-GM	NP	NV	NP
DCFO-7-R	09/26/23	3A.2	4444	FG	-	100	100	93.7	71.7	56.4	40.1	33.2	22.3	14.6	11.6	7.9	7	5.5	4.4	GP	NP	NV	NP
DCFO-8-R	09/27/23	3A.2	4571	FG	-	100	97.7	90.3	68.3	54.3	39.7	33.7	24.1	17.4	14.6	10.4	9.1	7	5.4	GP-GM	NP	NV	NP
DCFO-9-R	10/04/23	3A.2	4684	FG	-	100	100	96.9	78.4	65.6	51.2	44.4	32.5	23	18.9	13.1	11.5	8.7	6.7	GP-GM	NP	NV	NP
DCFO-10-R	10/11/23	3A.2	4784	FG	-	100	98.8	92.8	76.3	64.8	50.9	43.7	33.6	23.7	19.1	12.4	10.7	8.2	6.2	GW-GM	NP	NV	NP
DCFO-11-R	10/18/23	3A.2	4820	FG	-	100	99.1	95	84.4	76.2	65.2	55.1	32.5	22.4	17.9	11.9	9.8	7.8	7.5	GP-GM	NP	NV	NP
DCFO-12-R	10/18/23	3A.2	4909	FG	-	100	98.6	94	80.9	68.6	53.6	46.5	32.7	23.3	19.2	13.4	11.6	8.7	6.3	GP-GM	NP	NV	NP
DCFO-13-R	10/23/23	3A.2	4918	FG	-	100	100	96.4	83.1	71.1	56.3	49.3	34.9	27.8	23.5	16.2	14.2	10.7	7.7	GP-GM	NP	NV	NP
DCFO-14-R	10/23/23	3A.2	4868	FG	-	100	100	97.1	80.7	69.8	57.1	50.1	33.1	26.4	23.1	16.3	14.1	10.6	7.4	GP-GM	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.2 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	5/4/2023	A.2	58,891	35,888	Top of Pipe	-	100	94.6	69.3	57	47.8	38.3	25.4	18.6	14.2	10.9	8.3		NP	NV	NP
LDF-2-R	6/12/2023	A.2	58,875.0	37,008.0	Top of Pipe	-	100	97	71.5	54.2	43.5	34.8	22.8	15	11.8	8	5.6		NP	NV	NP

Notes:

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

Table 11
Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.2 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-N	6/15/2023	58731.0	35518.3	10	SLF-19-C	119.0	12.6	118.4	12.1	95	99.5	PASS
SLF-2-N	6/15/2023	58732.0	35623.6	10	SLF-19-C	119.0	12.6	117.9	10.8	95	99.1	PASS
SLF-3-N	6/15/2023	58838.6	35648.4	10	SLF-19-C	119.0	12.6	119.0	13.9	95	100.0	PASS
SLF-4-N	6/15/2023	58897.4	35622.2	10	SLF-19-C	119.0	12.6	116.4	12.6	95	97.8	PASS
SLF-5-N	6/15/2023	58591.6	35814.7	10	SLF-19-C	119.0	12.6	117.5	11.1	95	98.7	PASS
SLF-6-N	6/15/2023	58672.9	35887.8	10	SLF-19-C	119.0	12.6	117.8	10.7	95	99.0	PASS
SLF-7-N	6/21/2023	58762.6	35900.6	10	SLF-19-C	119.0	12.6	118.4	11.9	95	99.5	PASS
SLF-8-N	6/21/2023	58757.9	35799.2	10	SLF-19-C	119.0	12.6	116.0	11.5	95	97.5	PASS
SLF-9-N	6/21/2023	58870.0	35724.7	10	SLF-19-C	119.0	12.6	115.7	10.9	95	97.2	PASS
SLF-10-N	6/21/2023	58928.2	35716.3	10	SLF-19-C	119.0	12.6	114.4	10.8	95	96.1	PASS
SLF-11-N	6/21/2023	58724.9	36182.2	10	SLF-19-C	119.0	12.6	113.8	11.0	95	95.6	PASS
SLF-12-N	6/21/2023	58740.9	36086.8	10	SLF-19-C	119.0	12.6	114.0	11.1	95	95.8	PASS
SLF-13-N	6/21/2023	58801.3	35967.7	10	SLF-19-C	119.0	12.6	113.5	11.2	95	95.4	PASS
SLF-14-N	6/21/2023	58870.4	35964.6	10	SLF-19-C	119.0	12.6	115.0	10.9	95	96.6	PASS
SLF-15-N	6/21/2023	58722.3	36051.7	10	SLF-19-C	119.0	12.6	118.0	11.9	95	99.2	PASS
SLF-16-N	6/22/2023	58829.7	36084.2	10	SLF-19-C	119.0	12.6	117.8	12.0	95	99.0	PASS
SLF-17-N	6/22/2023	58757.0	36166.4	10	SLF-19-C	119.0	12.6	118.5	12.1	95	99.6	PASS
SLF-18-N	6/22/2023	58687.3	36274.2	10	SLF-19-C	119.0	12.6	115.4	11.9	95	97.0	PASS
SLF-19-N	6/22/2023	58845.8	36256.6	10	SLF-19-C	119.0	12.6	116.3	10.8	95	97.7	PASS
SLF-20-N	6/22/2023	58777.5	36314.0	10	SLF-19-C	119.0	12.6	115.9	10.9	95	97.4	PASS
SLF-21-N	6/22/2023	58718.1	36386.1	10	SLF-19-C	119.0	12.6	117.4	11.1	95	98.7	PASS
SLF-22-N	6/22/2023	58852.3	36411.9	10	SLF-19-C	119.0	12.6	117.1	11.5	95	98.4	PASS
SLF-23-N	6/22/2023	58800.0	36461.3	10	SLF-19-C	119.0	12.6	118.9	13.0	95	99.9	PASS
SLF-24-N	6/22/2023	58728.9	36465.0	10	SLF-19-C	119.0	12.6	117.0	12.9	95	98.3	PASS
SLF-25-N	6/22/2023	58706.9	36415.3	10	SLF-19-C	119.0	12.6	118.4	12.2	95	99.5	PASS
SLF-26-N	6/23/2023	59722.9	35746.2	10	SLF-19-C	119.0	12.6	118.5	12.2	95	99.6	PASS
SLF-27-N	6/23/2023	59691.1	35802.5	10	SLF-19-C	119.0	12.6	118.8	12.3	95	99.8	PASS
SLF-28-N	6/23/2023	59635.8	35872.5	10	SLF-19-C	119.0	12.6	119.0	12.0	95	100.0	PASS
SLF-29-N	6/23/2023	59587.9	35940.9	10	SLF-19-C	119.0	12.6	118.3	12.9	95	99.4	PASS
SLF-30-N	6/23/2023	59552.5	35993.6	10	SLF-19-C	119.0	12.6	117.8	12.1	95	99.0	PASS
SLF-31-N	6/28/2023	59505.1	36044.4	10	SLF-19-C	119.0	12.6	116.5	11.5	95	97.9	PASS
SLF-32-N	6/28/2023	59392.7	36081.9	10	SLF-19-C	119.0	12.6	115.8	12.3	95	97.3	PASS

Table 11
Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.2 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-N	6/28/2023	59205.7	36293.5	10	SLF-19-C	119.0	12.6	114.9	11.9	95	96.6	PASS
SLF-34-N	6/28/2023	59153.7	36292.5	10	SLF-19-C	119.0	12.6	115.7	11.0	95	97.2	PASS
SLF-35-N	6/28/2023	59089.5	36275.7	10	SLF-19-C	119.0	12.6	115.4	11.5	95	97.0	PASS
SLF-36-N	6/28/2023	59058.5	36313.1	10	SLF-19-C	119.0	12.6	116.0	10.9	95	97.5	PASS
SLF-37-N	6/28/2023	59022.0	36345.5	10	SLF-19-C	119.0	12.6	117.5	11.2	95	98.7	PASS
SLF-38-N	6/28/2023	59006.8	36272.2	10	SLF-19-C	119.0	12.6	118.0	11.5	95	99.2	PASS
SLF-39-N	6/28/2023	59013.3	36217.9	10	SLF-19-C	119.0	12.6	116.4	11.7	95	97.8	PASS
SLF-40-N	6/28/2023	59043.7	36135.5	10	SLF-19-C	119.0	12.6	115.9	12.7	95	97.4	PASS
SLF-41-N	6/28/2023	59046.1	36055.6	10	SLF-19-C	119.0	12.6	115.8	12.5	95	97.3	PASS
SLF-42-N	6/28/2023	59012.9	35984.4	10	SLF-19-C	119.0	12.6	117.0	11.9	95	98.3	PASS
SLF-43-N	6/28/2023	58975.0	35932.4	10	SLF-19-C	119.0	12.6	117.1	11.5	95	98.4	PASS
SLF-44-N	6/29/2023	58929.8	36107.6	10	SLF-19-C	119.0	12.6	115.8	12.4	95	97.3	PASS
SLF-45-N	6/29/2023	58933.8	36182.7	10	SLF-19-C	119.0	12.6	114.5	12.9	95	96.2	PASS
SLF-46-N	6/29/2023	58928.8	36324.4	10	SLF-19-C	119.0	12.6	114.1	12.8	95	95.9	PASS
SLF-47-N	6/29/2023	59307.9	36322.7	10	SLF-19-C	119.0	12.6	114.0	12.7	95	95.8	PASS
SLF-48-N	7/7/2023	59151.3	36420.0	10	SLF-19-C	119.0	12.6	113.8	12.4	95	95.6	PASS
SLF-49-N	7/7/2023	59218.4	36508.0	10	SLF-19-C	119.0	12.6	114.8	12.8	95	96.5	PASS
SLF-50-N	7/7/2023	59232.9	36568.1	10	SLF-19-C	119.0	12.6	114.9	12.5	95	96.6	PASS
SLF-51-N	7/7/2023	59063.3	36638.6	10	SLF-19-C	119.0	12.6	116.5	13.0	95	97.9	PASS
SLF-52-N	7/7/2023	59187.7	36725.6	10	SLF-19-C	119.0	12.6	117.4	12.5	95	98.7	PASS
SLF-53-N	7/7/2023	59015.0	36723.9	10	SLF-19-C	119.0	12.6	118.0	12.0	95	99.2	PASS
SLF-54-N	7/12/2023	59183.2	36868.9	10	SLF-19-C	119.0	12.6	114.5	11.5	95	96.2	PASS
SLF-55-N	7/12/2023	59175.6	37174.5	10	SLF-19-C	119.0	12.6	113.6	12.0	95	95.5	PASS
SLF-56-N	7/12/2023	59100.9	36834.6	10	SLF-19-C	119.0	12.6	113.9	12.4	95	95.7	PASS
SLF-57-N	7/12/2023	59108.3	37021.8	10	SLF-19-C	119.0	12.6	113.4	12.5	95	95.3	PASS
SLF-58-N	7/12/2023	59085.9	37227.3	10	SLF-19-C	119.0	12.6	114.8	11.9	95	96.5	PASS
SLF-59-N	7/12/2023	59028.9	36877.9	10	SLF-19-C	119.0	12.6	115.0	12.5	95	96.6	PASS
SLF-60-N	7/12/2023	59032.0	37052.9	10	SLF-19-C	119.0	12.6	116.8	12.7	95	98.2	PASS
SLF-61-N	7/12/2023	59006.7	37286.5	10	SLF-19-C	119.0	12.6	117.5	11.9	95	98.7	PASS
SLF-62-N	7/12/2023	58979.2	36822.1	10	SLF-19-C	119.0	12.6	116.5	11.8	95	97.9	PASS
SLF-63-N	7/18/2023	58971.6	36972.2	10	SLF-19-C	119.0	12.6	118.5	11.0	95	99.6	PASS
SLF-64-N	7/18/2023	59005.8	37147.8	10	SLF-19-C	119.0	12.6	117.2	11.5	95	98.5	PASS

Table 11
Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.2 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-N	7/18/2023	58948.7	37207.6	10	SLF-19-C	119.0	12.6	117.8	11.9	95	99.0	PASS
SLF-66-N	7/18/2023	58919.7	36920.5	10	SLF-19-C	119.0	12.6	117.5	11.3	95	99	PASS
SLF-67-N	7/18/2023	58935.8	37044.4	10	SLF-19-C	119.0	12.6	115.4	11.9	95	97	PASS
SLF-68-N	7/18/2023	58875.1	37134.3	10	SLF-19-C	119.0	12.6	114.8	12.4	95	96	PASS
SLF-69-N	7/18/2023	58860.1	37285.6	10	SLF-19-C	119.0	12.6	114.9	10.9	95	97	PASS
SLF-70-N	7/19/2023	58756.0	36799.4	10	SLF-31-C	120.5	13.1	114.9	12.7	95	95	PASS
SLF-71-N	7/19/2023	58730.3	36706.6	10	SLF-31-C	120.5	13.1	115.8	13.0	95	96	PASS
SLF-72-N	7/19/2023	58684.2	36608.2	10	SLF-31-C	120.5	13.1	118.9	11.1	95	99	PASS
SLF-73-N	7/24/2023	58646.3	36478.2	10	SLF-31-C	120.5	13.1	118.8	13.6	95	99	PASS
SLF-74-N	7/24/2023	58609.2	36381.9	10	SLF-31-C	120.5	13.1	118.0	11.1	95	98	PASS
SLF-75-N	7/24/2023	58679.8	36393.0	10	SLF-31-C	120.5	13.1	118.5	11.6	95	98	PASS
SLF-76-N	7/24/2023	58711.1	36503.4	10	SLF-31-C	120.5	13.1	115.0	11.7	95	95	PASS
SLF-77-N	7/24/2023	58771.2	36616.4	10	SLF-31-C	120.5	13.1	116.8	11.9	95	97	PASS
SLF-78-N	7/24/2023	58818.3	36712.6	10	SLF-31-C	120.5	13.1	116.2	11.5	95	96	PASS
SLF-79-N	7/24/2023	58832.9	36839.8	10	SLF-31-C	120.5	13.1	116.1	11.9	95	96	PASS
SLF-80-N	7/28/2023	58827.2	36920.2	10	SLF-31-C	120.5	13.1	119.1	12.3	95	99	PASS
SLF-81-N	7/28/2023	58841.7	37020.1	10	SLF-31-C	120.5	13.1	117.8	13.0	95	98	PASS
SLF-82-N	7/28/2023	58821.6	37161.1	10	SLF-31-C	120.5	13.1	118.5	12.5	95	98	PASS
SLF-83-N	7/28/2023	58804.1	37258.2	10	SLF-31-C	120.5	13.1	117.6	12.5	95	98	PASS
SLF-84-N	7/28/2023	58917.0	37008.5	10	SLF-31-C	120.5	13.1	116.3	12.9	95	97	PASS
SLF-85-N	7/28/2023	58875.9	37113.9	10	SLF-31-C	120.5	13.1	119.8	11.7	95	99	PASS
SLF-86-N	7/28/2023	58978.0	37202.3	10	SLF-31-C	120.5	13.1	119.5	11.9	95	99	PASS
SLF-87-N	7/28/2023	58999.3	37291.4	10	SLF-31-C	120.5	13.1	119.7	11.1	95	99	PASS
SLF-88-N	7/28/2023	59049.1	37145.5	10	SLF-31-C	120.5	13.1	117.4	11.3	95	97	PASS
SLF-89-N	7/28/2023	58788.1	37106.4	10	SLF-31-C	120.5	13.1	118.0	11.1	95	98	PASS
SLF-90-N	7/28/2023	58759.5	37257.2	10	SLF-31-C	120.5	13.1	118.5	12.4	95	98	PASS
SLF-91-N	7/28/2023	58651.8	37167.0	10	SLF-31-C	120.5	13.1	119.9	11.9	95	100	PASS
SLF-92-N	7/28/2023	58565.3	37149.5	10	SLF-31-C	120.5	13.1	120.0	11.4	95	100	PASS
SLF-93-N	7/28/2023	58529.9	37012.6	10	SLF-31-C	120.5	13.1	119.9	12.6	95	100	PASS
SLF-94-N	7/28/2023	58529.7	36866.4	10	SLF-31-C	120.5	13.1	119.5	12.9	95	99	PASS
SLF-95-N	7/28/2023	58415.9	36873.6	10	SLF-31-C	120.5	13.1	117.4	13.8	95	97	PASS
SLF-96-N	7/31/2023	58439.1	37038.3	10	SLF-45-C	131.1	10.6	131.0	8.8	95	100	PASS

Table 11
Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.2 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-97-N	7/31/2023	58485.4	37221.5	10	SLF-45-C	131.1	10.6	124.7	9.6	95	95	PASS
SLF-98-N	7/31/2023	58663.6	37224.2	10	SLF-45-C	131.1	10.6	128.4	9.2	95	98	PASS
SLF-99-N	7/31/2023	58677.1	37114.1	10	SLF-45-C	131.1	10.6	127.0	9.9	95	97	PASS
SLF-100-N	7/31/2023	58680.7	37022.5	10	SLF-45-C	131.1	10.6	130.0	9.6	95	99	PASS
SLF-101-N	7/31/2023	58607.6	36991.7	10	SLF-45-C	131.1	10.6	127.8	10.3	95	97	PASS
SLF-102-N	7/31/2023	58614.8	37216.0	10	SLF-45-C	131.1	10.6	129.9	9.9	95	99	PASS
SLF-103-N	7/31/2023	58687.9	36839.8	10	SLF-45-C	131.1	10.6	131.0	10.4	95	100	PASS
SLF-104-N	8/3/2023	58648.8	36759.3	10	SLF-45-C	131.1	10.6	130.2	10.9	95	99	PASS
SLF-105-N	8/3/2023	58589.2	36578.7	10	SLF-45-C	131.1	10.6	129.9	11.0	95	99	PASS
SLF-106-N	8/3/2023	58613.8	36845.6	10	SLF-45-C	131.1	10.6	131.0	10.4	95	100	PASS
SLF-107-N	8/3/2023	58581.9	36741.8	10	SLF-45-C	131.1	10.6	128.8	10.5	95	98	PASS
SLF-108-N	8/3/2023	58581.9	36741.9	10	SLF-45-C	131.1	10.6	129.3	10.9	95	99	PASS
SLF-109-N	8/3/2023	58482.0	36739.9	10	SLF-45-C	131.1	10.6	130.8	8.9	95	100	PASS
SLF-110-N	8/8/2023	58562.3	36458.0	10	SLF-45-C	131.1	10.6	129.8	9.0	95	99	PASS
SLF-111-N	8/8/2023	58642.9	36185.9	10	SLF-45-C	131.1	10.6	127.2	8.8	95	97	PASS
SLF-112-N	8/8/2023	58614.1	36293.0	10	SLF-45-C	131.1	10.6	128.0	9.5	95	98	PASS
SLF-113-N	8/8/2023	58537.4	36303.7	10	SLF-45-C	131.1	10.6	128.4	9.9	95	98	PASS
SLF-114-N	8/8/2023	58517.9	36363.5	10	SLF-45-C	131.1	10.6	128.9	10.1	95	98	PASS
SLF-115-N	8/8/2023	58450.5	36329.3	10	SLF-45-C	131.1	10.6	129.2	10.8	95	99	PASS
SLF-116-N	8/8/2023	58418.6	36391.7	10	SLF-31-C	120.5	13.1	118.4	11.4	95	98	PASS
SLF-117-N	8/8/2023	58371.7	36338.8	10	SLF-31-C	120.5	13.1	119.0	12.1	95	99	PASS
SLF-118-N	8/8/2023	58328.6	36391.5	10	SLF-31-C	120.5	13.1	118.0	11.9	95	98	PASS
SLF-119-N	8/8/2023	58488.8	36529.1	10	SLF-31-C	120.5	13.1	117.4	11.9	95	97	PASS
SLF-120-N	8/8/2023	58359.8	36521.6	10	SLF-31-C	120.5	13.1	118.5	12.4	95	98	PASS
SLF-121-N	8/10/2023	58192.5	36599.4	10	SLF-45-C	131.1	10.6	129.0	10.0	95	98	PASS
SLF-122-N	8/10/2023	58031.7	36717.0	10	SLF-45-C	131.1	10.6	130.5	10.3	95	100	PASS
SLF-123-N	8/10/2023	58126.6	36827.5	10	SLF-45-C	131.1	10.6	130.3	10.4	95	99	PASS
SLF-124-N	8/10/2023	58236.8	37101.8	10	SLF-45-C	131.1	10.6	129.8	9.0	95	99	PASS
SLF-125-N	8/10/2023	58220.6	37280.0	10	SLF-45-C	131.1	10.6	128.9	8.9	95	98	PASS
SLF-126-N	8/11/2023	58336.2	37284.4	10	SLF-45-C	131.1	10.6	130.0	10.4	95	99	PASS
SLF-127-N	8/11/2023	58340.8	37142.2	10	SLF-45-C	131.1	10.6	128.1	10.7	95	98	PASS
SLF-128-N	8/11/2023	58350.8	37010.9	10	SLF-45-C	131.1	10.6	127.2	10.5	95	97	PASS

Table 11
Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.2 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-129-N	8/11/2023	58316.1	36811.8	10	SLF-45-C	131.1	10.6	131.5	11.0	95	100	PASS
SLF-130-N	8/11/2023	58217.4	36608.5	10	SLF-45-C	131.1	10.6	130.0	11.4	95	99	PASS
SLF-131-N	8/11/2023	58233.3	36718.7	10	SLF-45-C	131.1	10.6	127.5	9.5	95	97	PASS
SLF-132-N	8/11/2023	58283.0	36942.1	10	SLF-45-C	131.1	10.6	129.4	10.0	95	99	PASS
SLF-133-N	8/11/2023	58280.4	37221.0	10	SLF-45-C	131.1	10.6	128.6	9.9	95	98	PASS
SLF-134-N	8/11/2023	58557.1	36397.2	10	SLF-45-C	131.1	10.6	128.4	10.4	95	98	PASS
SLF-135-N	8/11/2023	58558.7	36356.5	10	SLF-45-C	131.1	10.6	129.0	10.4	95	98	PASS
SLF-136-N	8/11/2023	58628.3	36259.0	10	SLF-45-C	131.1	10.6	129.8	10.0	95	99	PASS
SLF-137-N	8/11/2023	58629.7	36200.6	10	SLF-45-C	131.1	10.6	127.0	10.1	95	97	PASS
SLF-138-N	8/11/2023	58497.8	36313.0	10	SLF-45-C	131.1	10.6	130.0	9.9	95	99	PASS
SLF-139-N	8/11/2023	58337.3	36414.5	10	SLF-45-C	131.1	10.6	129.5	10.0	95	99	PASS
SLF-140-N	8/11/2023	58247.1	36419.5	10	SLF-45-C	131.1	10.6	131.2	10.4	95	100	PASS
SLF-141-N	8/11/2023	58323.5	36383.2	10	SLF-45-C	131.1	10.6	130.2	9.8	95	99	PASS
SLF-142-N	8/11/2023	58377.0	36334.9	10	SLF-45-C	131.1	10.6	129.1	10.5	95	98	PASS
SLF-143-N	8/11/2023	58274.4	36336.2	10	SLF-45-C	131.1	10.6	126.5	10.2	95	96	PASS
SLF-144-N	8/11/2023	58186.0	36422.8	10	SLF-45-C	131.1	10.6	127.0	10.9	95	97	PASS
SLF-145-N	8/11/2023	58033.8	36496.7	10	SLF-47-C	128.2	10.2	126.3	8.8	95	99	PASS
SLF-146-N	8/11/2023	57952.5	36790.8	10	SLF-47-C	128.2	10.2	125.9	9.0	95	98	PASS
SLF-147-N	8/11/2023	57879.2	36627.0	10	SLF-47-C	128.2	10.2	126.1	9.0	95	98	PASS
SLF-148-N	8/11/2023	57857.4	36440.4	10	SLF-47-C	128.2	10.2	126.1	9.1	95	98	PASS
SLF-149-N	8/11/2023	58069.8	36410.4	10	SLF-47-C	128.2	10.2	125.7	8.8	95	98	PASS
SLF-150-N	8/11/2023	58006.0	36377.1	10	SLF-47-C	128.2	10.2	124.9	8.6	95	97	PASS
SLF-151-N	8/15/2023	57963.1	36893.9	10	SLF-47-C	128.2	10.2	124.6	9.2	95	97	PASS
SLF-152-N	8/15/2023	57913.0	36953.8	10	SLF-47-C	128.2	10.2	123.9	10.0	95	97	PASS
SLF-153-N	8/15/2023	57809.3	36885.8	10	SLF-47-C	128.2	10.2	123.4	9.5	95	96	PASS
SLF-154-N	8/15/2023	57716.4	36884.1	10	SLF-47-C	128.2	10.2	123.5	9.5	95	96	PASS
SLF-155-N	8/15/2023	57629.1	36824.7	10	SLF-47-C	128.2	10.2	122.0	7.9	95	95	FAIL
SLF-155-RT	8/15/2023	57629.1	36824.7	10	SLF-47-C	128.2	10.2	125.8	9.9	95	98	PASS
SLF-156-N	8/15/2023	57522.8	36824.7	10	SLF-47-C	128.2	10.2	125.0	9.0	95	98	PASS
SLF-157-N	8/15/2023	57587.5	36704.9	10	SLF-47-C	128.2	10.2	126.4	9.0	95	99	PASS
SLF-158-N	8/15/2023	57655.5	36600.8	10	SLF-47-C	128.2	10.2	126.2	9.3	95	98	PASS
SLF-159-N	8/15/2023	57735.4	36573.8	10	SLF-47-C	128.2	10.2	127.0	11.3	95	99	PASS

Table 11
Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.2 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-160-N	8/15/2023	57796.3	36663.3	10	SLF-47-C	128.2	10.2	125.8	11.9	95	98	PASS
SLF-161-N	8/15/2023	57708.4	36737.2	10	SLF-47-C	128.2	10.2	125.5	10.9	95	98	PASS
SLF-162-N	8/15/2023	57792.0	36794.5	10	SLF-47-C	128.2	10.2	125.8	10.7	95	98	PASS
SLF-163-N	8/15/2023	57882.1	36854.4	10	SLF-47-C	128.2	10.2	123.9	10.0	95	97	PASS
SLF-164-N	8/15/2023	57850.0	36961.7	10	SLF-47-C	128.2	10.2	124.8	9.9	95	97	PASS
SLF-165-N	8/15/2023	57752.1	36959.4	10	SLF-47-C	128.2	10.2	124.5	10.2	95	97	PASS
SLF-166-N	8/15/2023	57598.0	36907.3	10	SLF-47-C	128.2	10.2	125.9	10.4	95	98	PASS
SLF-167-N	8/21/2023	58018.6	37004.7	10	SLF-45-C	131.1	10.6	130.8	9.2	95	100	PASS
SLF-168-N	8/21/2023	58065.1	37155.1	10	SLF-45-C	131.1	10.6	125.3	9.5	95	96	PASS
SLF-169-N	8/21/2023	58038.3	37313.3	10	SLF-45-C	131.1	10.6	124.5	10.0	95	95	PASS
SLF-170-N	8/21/2023	57965.9	37366.4	10	SLF-45-C	131.1	10.6	125.3	10.5	95	96	PASS
SLF-171-N	8/21/2023	57965.3	37229.1	10	SLF-45-C	131.1	10.6	125.3	10.3	95	96	PASS
SLF-172-N	8/21/2023	57942.6	37057.3	10	SLF-45-C	131.1	10.6	125.1	10.5	95	95	PASS
SLF-173-N	8/21/2023	57849.1	37025.9	10	SLF-45-C	131.1	10.6	127.0	10.0	95	97	PASS
SLF-174-N	8/21/2023	57892.1	37142.5	10	SLF-45-C	131.1	10.6	125.5	9.7	95	96	PASS
SLF-175-N	8/21/2023	57890.4	37283.1	10	SLF-45-C	131.1	10.6	124.7	9.4	95	95	PASS
SLF-176-N	8/21/2023	57797.5	37343.0	10	SLF-47-C	128.2	10.2	125.0	9.4	95	98	PASS
SLF-177-N	8/21/2023	57797.5	37200.6	10	SLF-47-C	128.2	10.2	123.9	9.8	95	97	PASS
SLF-178-N	8/21/2023	57761.6	37069.6	10	SLF-47-C	128.2	10.2	123.7	10.0	95	96	PASS
SLF-179-N	8/21/2023	57676.0	36993.0	10	SLF-47-C	128.2	10.2	125.0	9.7	95	98	PASS
SLF-180-N	8/21/2023	57691.0	37161.1	10	SLF-47-C	128.2	10.2	125.0	8.9	95	98	PASS
SLF-181-N	8/22/2023	57665.3	37339.4	10	SLF-47-C	128.2	10.2	125.9	9.9	95	98	PASS
SLF-182-N	8/22/2023	57609.5	37257.4	10	SLF-45-C	131.1	10.6	124.4	9.5	95	95	PASS
SLF-183-N	8/22/2023	57560.3	37139.6	10	SLF-45-C	131.1	10.6	125.0	10.0	95	95	PASS
SLF-184-N	8/22/2023	57559.2	36969.0	10	SLF-45-C	131.1	10.6	127.8	9.0	95	97	PASS
SLF-185-N	8/22/2023	57454.0	37019.8	10	SLF-45-C	131.1	10.6	126.9	9.2	95	97	PASS
SLF-186-N	8/22/2023	57455.2	37162.1	10	SLF-45-C	131.1	10.6	125.8	10.3	95	96	PASS
SLF-187-N	8/22/2023	57376.1	37309.3	10	SLF-45-C	131.1	10.6	124.9	10.5	95	95	PASS
SLF-188-N	8/22/2023	57518.8	37341.2	10	SLF-45-C	131.1	10.6	128.9	8.8	95	98	PASS
SLF-189-N	8/30/2023	57424.3	37534.8	10	SLF-47-C	128.2	10.2	127.0	9.2	95	99	PASS
SLF-190-N	8/30/2023	57359.0	37484.7	10	SLF-47-C	128.2	10.2	128.3	9.2	95	100	PASS
SLF-191-N	8/30/2023	57282.2	37646.9	10	SLF-47-C	128.2	10.2	128.0	9.4	95	100	PASS

Table 11
Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.2 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-192-N	8/30/2023	57190.6	37731.7	10	SLF-47-C	128.2	10.2	126.2	9.5	95	98	PASS
SLF-193-N	8/30/2023	57142.6	37860.2	10	SLF-47-C	128.2	10.2	127.9	9.0	95	100	PASS
SLF-194-N	8/30/2023	56998.9	38017.9	10	SLF-47-C	128.2	10.2	123.5	8.9	95	96	PASS
SLF-195-N	8/30/2023	56829.5	38212.7	10	SLF-47-C	128.2	10.2	124.6	8.9	95	97	PASS

Table 12
Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.2 Record of Construction
Soil Liner Fill Depth Verification Summary



DATE	SAMPLE NUMBER	DEPTH (IN)	LOCATION		ELEVATION (FT)	REQUIRED DEPTH (IN)	PASS/FAIL
			NORTHING	EASTING			
6/15/2023	SLF-1-D	14	58731.0	35518.3	FG	12	P
6/15/2023	SLF-2-D	16	58732.0	35623.6	FG	12	P
6/15/2023	SLF-3-D	16	58838.6	35648.4	FG	12	P
6/15/2023	SLF-4-D	13	58897.4	35622.2	FG	12	P
6/15/2023	SLF-5-D	14	58591.6	35814.7	FG	12	P
6/15/2023	SLF-6-D	14	58672.9	35887.8	FG	12	P
6/21/2023	SLF-7-D	13	58762.6	35900.6	FG	12	P
6/21/2023	SLF-8-D	14	58757.9	35799.2	FG	12	P
6/21/2023	SLF-9-D	14	58870.0	35724.7	FG	12	P
6/21/2023	SLF-10-D	13	58928.2	35716.3	FG	12	P
6/21/2023	SLF-11-D	15	58724.9	36182.2	FG	12	P
6/21/2023	SLF-12-D	13	58740.9	36086.8	FG	12	P
6/21/2023	SLF-13-D	14	58801.3	35967.7	FG	12	P
6/21/2023	SLF-14-D	15	58870.4	35964.6	FG	12	P
6/21/2023	SLF-15-D	15	58722.3	36051.7	FG	12	P
6/22/2023	SLF-16-D	15	58829.7	36084.2	FG	12	P
6/22/2023	SLF-17-D	14	58757.0	36166.4	FG	12	P
6/22/2023	SLF-18-D	13	58687.3	36274.2	FG	12	P
6/22/2023	SLF-19-D	13	58845.8	36256.6	FG	12	P
6/22/2023	SLF-20-D	13	58777.5	36314.0	FG	12	P
6/22/2023	SLF-21-D	15	58718.1	36386.1	FG	12	P
6/22/2023	SLF-22-D	15	58852.3	36411.9	FG	12	P
6/22/2023	SLF-23-D	13	58800.0	36461.3	FG	12	P
6/22/2023	SLF-24-D	16	58728.9	36465.0	FG	12	P
6/22/2023	SLF-25-D	14	58706.9	36415.3	FG	12	P
6/23/2023	SLF-26-D	13	59722.9	35746.2	FG	12	P
6/23/2023	SLF-27-D	16	59691.1	35802.5	FG	12	P
6/23/2023	SLF-28-D	16	59635.8	35872.5	FG	12	P
6/23/2023	SLF-29-D	14	59587.9	35940.9	FG	12	P
6/23/2023	SLF-30-D	15	59552.5	35993.6	FG	12	P
6/28/2023	SLF-31-D	16	59505.1	36044.4	FG	12	P
6/28/2023	SLF-32-D	15	59392.7	36081.9	FG	12	P
6/28/2023	SLF-33-D	14	59205.7	36293.5	FG	12	P
6/28/2023	SLF-34-D	14	59153.7	36292.5	FG	12	P
6/28/2023	SLF-35-D	18	59089.5	36275.7	FG	12	P
6/28/2023	SLF-36-D	18	59058.5	36313.1	FG	12	P
6/28/2023	SLF-37-D	16	59022.0	36345.5	FG	12	P
6/28/2023	SLF-38-D	17	59006.8	36272.2	FG	12	P
6/28/2023	SLF-39-D	17	59013.3	36217.9	FG	12	P

Table 12
Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.2 Record of Construction
Soil Liner Fill Depth Verification Summary



DATE	SAMPLE NUMBER	DEPTH (IN)	LOCATION		ELEVATION (FT)	REQUIRED DEPTH (IN)	PASS/FAIL
			NORTHING	EASTING			
6/28/2023	SLF-40-D	16	59043.7	36135.5	FG	12	P
6/28/2023	SLF-41-D	16	59046.1	36055.6	FG	12	P
6/28/2023	SLF-42-D	15	59012.9	35984.4	FG	12	P
6/28/2023	SLF-43-D	14	58975.0	35932.4	FG	12	P
6/29/2023	SLF-44-D	16	58929.8	36107.6	FG	12	P
6/29/2023	SLF-45-D	16	58933.8	36182.7	FG	12	P
6/29/2023	SLF-46-D	13	58928.8	36324.4	FG	12	P
6/29/2023	SLF-47-D	14	59307.9	36322.7	FG	12	P
7/7/2023	SLF-48-D	14	59151.3	36420.0	FG	12	P
7/7/2023	SLF-49-D	14	59218.4	36508.0	FG	12	P
7/7/2023	SLF-50-D	15	59232.9	36568.1	FG	12	P
7/7/2023	SLF-51-D	14	59063.3	36638.6	FG	12	P
7/7/2023	SLF-52-D	14	59187.7	36725.6	FG	12	P
7/7/2023	SLF-53-D	15	59015.0	36723.9	FG	12	P
7/12/2023	SLF-54-D	16	59183.2	36868.9	FG	12	P
7/12/2023	SLF-55-D	14	59175.6	37174.5	FG	12	P
7/12/2023	SLF-56-D	13	59100.9	36834.6	FG	12	P
7/12/2023	SLF-57-D	14	59108.3	37021.8	FG	12	P
7/12/2023	SLF-58-D	14	59085.9	37227.3	FG	12	P
7/12/2023	SLF-59-D	18	59028.9	36877.9	FG	12	P
7/12/2023	SLF-60-D	18	59032.0	37052.9	FG	12	P
7/12/2023	SLF-61-D	17	59006.7	37286.5	FG	12	P
7/12/2023	SLF-62-D	18	58979.2	36822.1	FG	12	P
7/18/2023	SLF-63-D	16	58971.6	36972.2	FG	12	P
7/18/2023	SLF-64-D	14	59005.8	37147.8	FG	12	P
7/18/2023	SLF-65-D	14	58948.7	37207.6	FG	12	P
7/18/2023	SLF-66-D	14	58919.7	36920.5	FG	12	P
7/18/2023	SLF-67-D	14	58935.8	37044.4	FG	12	P
7/18/2023	SLF-68-D	14	58875.1	37134.3	FG	12	P
7/18/2023	SLF-69-D	18	58860.1	37285.6	FG	12	P
7/19/2023	SLF-70-D	14	58756.0	36799.4	FG	12	P
7/19/2023	SLF-71-D	18	58730.3	36706.6	FG	12	P
7/19/2023	SLF-72-D	18	58684.2	36608.2	FG	12	P
7/24/2023	SLF-73-D	18	58646.3	36478.2	FG	12	P
7/24/2023	SLF-74-D	14	58609.2	36381.9	FG	12	P
7/24/2023	SLF-75-D	13	58679.8	36393.0	FG	12	P
7/24/2023	SLF-76-D	14	58711.1	36503.4	FG	12	P
7/24/2023	SLF-77-D	13	58771.2	36616.4	FG	12	P
7/24/2023	SLF-78-D	14	58818.3	36712.6	FG	12	P

Table 12
Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.2 Record of Construction
Soil Liner Fill Depth Verification Summary



DATE	SAMPLE NUMBER	DEPTH (IN)	LOCATION		ELEVATION (FT)	REQUIRED DEPTH (IN)	PASS/FAIL
			NORTHING	EASTING			
7/24/2023	SLF-79-D	14	58832.9	36839.8	FG	12	P
7/28/2023	SLF-80-D	14	58827.2	56920.2	FG	12	P
7/28/2023	SLF-81-D	14	58841.7	37020.1	FG	12	P
7/28/2023	SLF-82-D	13	58821.6	37161.1	FG	12	P
7/28/2023	SLF-83-D	16	58804.1	37258.2	FG	12	P
7/28/2023	SLF-84-D	16	58917.0	37008.5	FG	12	P
7/28/2023	SLF-85-D	16	58875.9	37113.9	FG	12	P
7/28/2023	SLF-86-D	16	58978.0	37202.3	FG	12	P
7/28/2023	SLF-87-D	16	58999.3	37291.4	FG	12	P
7/28/2023	SLF-88-D	17	59049.1	37145.5	FG	12	P
7/28/2023	SLF-89-D	17	58788.1	37106.4	FG	12	P
7/28/2023	SLF-90-D	16	58759.5	37257.2	FG	12	P
7/28/2023	SLF-91-D	16	58651.8	37167.0	FG	12	P
7/28/2023	SLF-92-D	16	58565.3	37149.5	FG	12	P
7/28/2023	SLF-93-D	15	58529.9	37012.6	FG	12	P
7/28/2023	SLF-94-D	16	58529.7	36866.4	FG	12	P
7/28/2023	SLF-95-D	18	58415.9	36873.6	FG	12	P
7/31/2023	SLF-96-D	18	58439.1	37038.3	FG	12	P
7/31/2023	SLF-97-D	18	58485.4	37221.5	FG	12	P
7/31/2023	SLF-98-D	17	58663.6	37224.2	FG	12	P
7/31/2023	SLF-99-D	17	58677.1	37114.1	FG	12	P
7/31/2023	SLF-100-D	16	58680.7	37022.5	FG	12	P
7/31/2023	SLF-101-D	16	58607.6	36991.7	FG	12	P
7/31/2023	SLF-102-D	14	58614.8	37216.0	FG	12	P
7/31/2023	SLF-103-D	14	58687.9	36839.8	FG	12	P
8/3/2023	SLF-104-D	14	58648.8	36759.3	FG	12	P
8/3/2023	SLF-105-D	14	58589.2	36578.7	FG	12	P
8/3/2023	SLF-106-D	14	58613.8	36845.6	FG	12	P
8/3/2023	SLF-107-D	13	58581.9	36741.8	FG	12	P
8/3/2023	SLF-108-D	13	58581.9	36741.9	FG	12	P
8/3/2023	SLF-109-D	13	58482.0	36739.9	FG	12	P
8/8/2023	SLF-110-D	14	58562.3	36458.0	FG	12	P
8/8/2023	SLF-111-D	13	58642.9	36185.9	FG	12	P
8/8/2023	SLF-112-D	14	58614.1	36293.0	FG	12	P
8/8/2023	SLF-113-D	13	58537.4	36303.7	FG	12	P
8/8/2023	SLF-114-D	13	58517.9	36363.5	FG	12	P
8/8/2023	SLF-115-D	14	58450.5	36329.3	FG	12	P
8/8/2023	SLF-116-D	18	58418.6	36391.7	FG	12	P
8/8/2023	SLF-117-D	16	58371.7	36338.8	FG	12	P

Table 12
Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.2 Record of Construction
Soil Liner Fill Depth Verification Summary

DATE	SAMPLE NUMBER	DEPTH (IN)	LOCATION		ELEVATION (FT)	REQUIRED DEPTH (IN)	PASS/FAIL
			NORTHING	EASTING			
8/8/2023	SLF-118-D	16	58328.6	36391.5	FG	12	P
8/8/2023	SLF-119-D	17	58488.8	36529.1	FG	12	P
8/8/2023	SLF-120-D	16	58359.8	36521.6	FG	12	P
8/10/2023	SLF-121-D	16	58192.5	36599.4	FG	12	P
8/10/2023	SLF-122-D	16	58031.7	36717.0	FG	12	P
8/10/2023	SLF-123-D	16	58126.6	36827.5	FG	12	P
8/10/2023	SLF-124-D	17	58236.8	37101.8	FG	12	P
8/10/2023	SLF-125-D	17	58220.6	37280.0	FG	12	P
8/11/2023	SLF-126-D	16	58336.2	37284.4	FG	12	P
8/11/2023	SLF-127-D	17	58340.8	37142.2	FG	12	P
8/11/2023	SLF-128-D	18	58350.8	37010.9	FG	12	P
8/11/2023	SLF-129-D	18	58316.1	36811.8	FG	12	P
8/11/2023	SLF-130-D	14	58217.4	36608.5	FG	12	P
8/11/2023	SLF-131-D	15	58233.3	36718.7	FG	12	P
8/11/2023	SLF-132-D	17	58283.0	36942.1	FG	12	P
8/11/2023	SLF-133-D	18	58280.4	37221.0	FG	12	P
8/11/2023	SLF-134-D	18	58557.1	36397.2	FG	12	P
8/11/2023	SLF-135-D	18	58558.7	36356.5	FG	12	P
8/11/2023	SLF-136-D	17	58628.3	36259.0	FG	12	P
8/11/2023	SLF-137-D	17	58629.7	36200.6	FG	12	P
8/11/2023	SLF-138-D	17	58497.8	36313.0	FG	12	P
8/11/2023	SLF-139-D	16	58337.3	36414.5	FG	12	P
8/11/2023	SLF-140-D	16	58247.1	36419.5	FG	12	P
8/11/2023	SLF-141-D	17	58323.5	36383.2	FG	12	P
8/11/2023	SLF-142-D	14	58377.0	36334.9	FG	12	P
8/11/2023	SLF-143-D	14	58274.4	36336.2	FG	12	P
8/11/2023	SLF-144-D	15	58186.0	36422.8	FG	12	P
8/11/2023	SLF-145-D	15	58033.8	36496.7	FG	12	P
8/11/2023	SLF-146-D	16	57952.5	36790.8	FG	12	P
8/11/2023	SLF-147-D	16	57879.2	36627.0	FG	12	P
8/11/2023	SLF-148-D	16	57857.4	36440.4	FG	12	P
8/11/2023	SLF-149-D	15	58069.8	36410.4	FG	12	P
8/11/2023	SLF-150-D	17	58006.0	36377.1	FG	12	P
8/15/2023	SLF-151-D	16	57963.1	36893.9	FG	12	P
8/15/2023	SLF-152-D	17	57913.0	36953.8	FG	12	P
8/15/2023	SLF-153-D	16	57809.3	36885.8	FG	12	P
8/15/2023	SLF-154-D	16	57716.4	36884.1	FG	12	P
8/15/2023	SLF-155-D	16	57629.1	36824.7	FG	12	P
8/15/2023	SLF-156-D	16	57522.8	36824.7	FG	12	P

Table 12
Cripple Creek & Victor Gold Mining Company
Valley Leach Facility 2 Phase 3
Stage A.2 Record of Construction
Soil Liner Fill Depth Verification Summary



DATE	SAMPLE NUMBER	DEPTH (IN)	LOCATION		ELEVATION (FT)	REQUIRED DEPTH (IN)	PASS/FAIL
			NORTHING	EASTING			
8/15/2023	SLF-157-D	17	57587.5	36704.9	FG	12	P
8/15/2023	SLF-158-D	17	57655.5	36600.8	FG	12	P
8/15/2023	SLF-159-D	17	57735.4	36573.8	FG	12	P
8/15/2023	SLF-160-D	16	57796.3	36663.3	FG	12	P
8/15/2023	SLF-161-D	17	57708.4	36737.2	FG	12	P
8/15/2023	SLF-162-D	15	57792.0	36794.5	FG	12	P
8/15/2023	SLF-163-D	15	57882.1	36854.4	FG	12	P
8/15/2023	SLF-164-D	16	57850.0	36961.7	FG	12	P
8/15/2023	SLF-165-D	15	57752.1	36959.4	FG	12	P
8/15/2023	SLF-166-D	14	57598.0	36907.3	FG	12	P
8/21/2023	SLF-167-D	14	58018.6	37004.7	FG	12	P
8/21/2023	SLF-168-D	18	58065.1	37155.1	FG	12	P
8/21/2023	SLF-169-D	18	58038.3	37313.3	FG	12	P
8/21/2023	SLF-170-D	14	57965.9	37366.4	FG	12	P
8/21/2023	SLF-171-D	14	57965.3	37229.1	FG	12	P
8/21/2023	SLF-172-D	14	57942.6	37057.3	FG	12	P
8/21/2023	SLF-173-D	13	57849.1	37025.9	FG	12	P
8/21/2023	SLF-174-D	13	57892.1	37142.5	FG	12	P
8/21/2023	SLF-175-D	14	57890.4	37283.1	FG	12	P
8/21/2023	SLF-176-D	14	57797.5	37343.0	FG	12	P
8/21/2023	SLF-177-D	15	57797.5	37200.6	FG	12	P
8/21/2023	SLF-178-D	15	57761.6	37069.6	FG	12	P
8/21/2023	SLF-179-D	16	57676.0	36993.0	FG	12	P
8/21/2023	SLF-180-D	15	57691.0	37161.1	FG	12	P
8/22/2023	SLF-181-D	15	57665.3	37339.4	FG	12	P
8/22/2023	SLF-182-D	14	57609.5	37257.4	FG	12	P
8/22/2023	SLF-183-D	15	57560.3	37139.6	FG	12	P
8/22/2023	SLF-184-D	17	57559.2	36969.0	FG	12	P
8/22/2023	SLF-185-D	17	57454.0	37019.8	FG	12	P
8/22/2023	SLF-186-D	14	57455.2	37162.1	FG	12	P
8/22/2023	SLF-187-D	14	57376.1	37309.3	FG	12	P
8/22/2023	SLF-188-D	13	57518.8	37341.2	FG	12	P
8/30/2023	SLF-189-D	15	57424.3	37534.8	FG	12	P
8/30/2023	SLF-190-D	15	57359.0	37484.7	FG	12	P
8/30/2023	SLF-191-D	15	57282.2	37646.9	FG	12	P
8/30/2023	SLF-192-D	15	57190.6	37731.7	FG	12	P
8/30/2023	SLF-193-D	15	57142.6	37860.2	FG	12	P
8/30/2023	SLF-194-D	15	56998.9	38017.9	FG	12	P
8/30/2023	SLF-195-D	15	56829.5	38212.7	FG	12	P