

Tables

Table 1
Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Summary of Weather Data



| DATE | LOW AMBIENT TEMPERATURE (°F) | HIGH AMBIENT TEMPERATURE (°F) | PRECIPITATION | REMARKS |
|------------------------------|------------------------------------|-------------------------------------|---------------|---|
| Tuesday, January 01, 2013 | - | - | - | No PSSA work performed |
| Wednesday, January 02, 2013 | - | - | - | No PSSA work performed |
| Thursday, January 03, 2013 | - | - | - | No PSSA work performed |
| Friday, January 04, 2013 | - | - | - | No PSSA work performed |
| Saturday, January 05, 2013 | - | - | - | No PSSA work performed |
| Sunday, January 06, 2013 | - | - | - | No PSSA work performed |
| Monday, January 07, 2013 | - | - | - | No PSSA work performed |
| Tuesday, January 08, 2013 | - | - | - | No PSSA work performed |
| Wednesday, January 09, 2013 | - | - | - | No PSSA work performed |
| Thursday, January 10, 2013 | - | - | - | No PSSA work performed |
| Friday, January 11, 2013 | - | - | - | No PSSA work performed |
| Saturday, January 12, 2013 | - | - | - | No PSSA work performed |
| Sunday, January 13, 2013 | - | - | - | No PSSA work performed |
| Monday, January 14, 2013 | - | - | - | No PSSA work performed |
| Tuesday, January 15, 2013 | - | - | - | No PSSA work performed |
| Wednesday, January 16, 2013 | - | - | - | No PSSA work performed |
| Thursday, January 17, 2013 | - | - | - | No PSSA work performed |
| Friday, January 18, 2013 | - | - | - | No PSSA work performed |
| Saturday, January 19, 2013 | - | - | - | No PSSA work performed |
| Sunday, January 20, 2013 | - | - | - | No PSSA work performed |
| Monday, January 21, 2013 | 24 | 39 | - | See Table 2 |
| Tuesday, January 22, 2013 | 31 | 45 | - | See Table 2 |
| Wednesday, January 23, 2013 | 30 | 55 | - | See Table 2 |
| Thursday, January 24, 2013 | 25 | 49 | - | No fill placed during ambient temperature below 32° F |
| Friday, January 25, 2013 | 25 | 49 | - | See Table 2 |
| Saturday, January 26, 2013 | - | - | - | No work performed |
| Sunday, January 27, 2013 | - | - | - | No work performed |
| Monday, January 28, 2013 | 7 | 34 | Snow | See Table 2 |
| Tuesday, January 29, 2013 | -4 | 18 | Snow | No fill placed |
| Wednesday, January 30, 2013 | 8 | 23 | - | No fill placed |
| Thursday, January 31, 2013 | 16 | 29 | - | See Table 2 |
| Friday, February 01, 2013 | 29 | 32 | - | See Table 2 |
| Saturday, February 02, 2013 | 22 | 42 | - | No fill placed during ambient temperature below 32° F |
| Sunday, February 03, 2013 | - | - | - | No work performed |
| Monday, February 04, 2013 | 22 | 43 | - | No fill placed during ambient temperature below 32° F |
| Tuesday, February 05, 2013 | 32 | 48 | - | - |
| Wednesday, February 06, 2013 | 12 | 45 | - | No fill placed during ambient temperature below 32° F |
| Thursday, February 07, 2013 | 20 | 36 | Snow | No fill placed |
| Friday, February 08, 2013 | 21 | 36 | - | No fill placed |
| Saturday, February 09, 2013 | - | - | - | No work performed |
| Sunday, February 10, 2013 | - | - | - | No work performed |
| Monday, February 11, 2013 | 2 | 17 | Snow | No fill placed |
| Tuesday, February 12, 2013 | 10 | 25 | - | No fill placed |
| Wednesday, February 13, 2013 | 13 | 33 | - | No fill placed |
| Thursday, February 14, 2013 | 7 | 30 | Snow | No fill placed |
| Friday, February 15, 2013 | 12 | 23 | - | No fill placed |
| Saturday, February 16, 2013 | 21 | 39 | - | No fill placed during ambient temperature below 32° F |
| Sunday, February 17, 2013 | - | - | - | No work performed |
| Monday, February 18, 2013 | 9 | 28 | Snow | No fill placed |
| Tuesday, February 19, 2013 | 20 | 35 | - | No fill placed |
| Wednesday, February 20, 2013 | 20 | 35 | Snow | No fill placed |
| Thursday, February 21, 2013 | 9 | 25 | Snow | No work performed |
| Friday, February 22, 2013 | 5 | 26 | Snow | No fill placed |

Note:
Temperature data reporting will continue in the Phase 1 ROC Report

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Summary of Weather Data



| DATE | LOW AMBIENT TEMPERATURE (°F) | HIGH AMBIENT TEMPERATURE (°F) | PRECIPITATION | REMARKS |
|------------------------------|------------------------------------|-------------------------------------|---------------|---|
| Saturday, February 23, 2013 | 13 | 32 | - | No fill placed |
| Sunday, February 24, 2013 | - | - | - | No work performed |
| Monday, February 25, 2013 | 14 | 30 | Snow | No work performed |
| Tuesday, February 26, 2013 | 3 | 19 | Snow | Weather conditions shut down work |
| Wednesday, February 27, 2013 | 5 | 23 | - | No fill placed |
| Thursday, February 28, 2013 | 13 | 28 | - | No fill placed |
| Friday, March 01, 2013 | 21 | 38 | - | No fill placed |
| Saturday, March 02, 2013 | 21 | 38 | - | No fill placed |
| Sunday, March 03, 2013 | - | - | - | No work performed |
| Monday, March 04, 2013 | 7 | 36 | Snow | No fill placed |
| Tuesday, March 05, 2013 | 23 | 44 | - | No fill placed |
| Wednesday, March 06, 2013 | 23 | 44 | - | No fill placed |
| Thursday, March 07, 2013 | 29 | 48 | - | No fill placed |
| Friday, March 08, 2013 | - | - | - | No work performed |
| Saturday, March 09, 2013 | - | - | - | No work performed |
| Sunday, March 10, 2013 | - | - | - | No work performed |
| Monday, March 11, 2013 | 19 | 38 | - | No fill placed |
| Tuesday, March 12, 2013 | 26 | 42 | - | No fill placed during ambient temperature below 32° F |
| Wednesday, March 13, 2013 | 30 | 49 | - | No fill placed during ambient temperature below 32° F |
| Thursday, March 14, 2013 | 34 | 54 | - | No fill placed |
| Friday, March 15, 2013 | 27 | 55 | - | No fill placed during ambient temperature below 32° F |
| Saturday, March 16, 2013 | - | - | - | No work performed |
| Sunday, March 17, 2013 | - | - | - | No work performed |
| Monday, March 18, 2013 | 19 | 33 | - | No frost/ice observed in fill |
| Tuesday, March 19, 2013 | 15 | 39 | - | No frost/ice observed in fill |
| Wednesday, March 20, 2013 | 24 | 43 | - | No frost/ice observed in fill |
| Thursday, March 21, 2013 | 17 | 42 | - | No fill placed |
| Friday, March 22, 2013 | 8 | 34 | - | No fill placed |
| Saturday, March 23, 2013 | - | - | - | No work performed |
| Sunday, March 24, 2013 | - | - | - | No work performed |
| Monday, March 25, 2013 | 9 | 26 | - | See Table 2 |
| Tuesday, March 26, 2013 | 24 | 44 | - | See Table 2 |
| Wednesday, March 27, 2013 | 24 | 49 | - | See Table 2 |
| Thursday, March 28, 2013 | - | - | - | No work performed |
| Friday, March 29, 2013 | - | - | - | No work performed |
| Saturday, March 30, 2013 | - | - | - | No work performed |
| Sunday, March 31, 2013 | - | - | - | No work performed |
| Monday, April 01, 2013 | 21 | 50 | - | See Table 2 |
| Tuesday, April 02, 2013 | 22 | 45 | - | See Table 2 |
| Wednesday, April 03, 2013 | 27 | 44 | - | No fill placed |
| Thursday, April 04, 2013 | 34 | 56 | - | - |
| Friday, April 05, 2013 | 26 | 53 | - | No fill placed |
| Saturday, April 06, 2013 | - | - | - | No work performed |
| Sunday, April 07, 2013 | - | - | - | No work performed |
| Monday, April 08, 2013 | 14 | 47 | - | No fill placed |
| Tuesday, April 09, 2013 | 5 | 23 | Snow | See Table 2 |
| Wednesday, April 10, 2013 | 14 | 32 | - | See Table 2 |
| Thursday, April 11, 2013 | 21 | 42 | - | See Table 2/Construction Stopped |
| Friday, April 12, 2013 | 24 | 47 | - | See Table 2 |
| Saturday, April 13, 2013 | 22 | 49 | - | No fill placed |
| Sunday, April 14, 2013 | - | - | - | No work performed |
| Monday, April 15, 2013 | 14 | 44 | - | See Table 2 |
| Tuesday, April 16, 2013 | 22 | 40 | - | No fill placed during ambient temperature below 32° F |

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Summary of Weather Data



| DATE | LOW AMBIENT TEMPERATURE (°F) | HIGH AMBIENT TEMPERATURE (°F) | PRECIPITATION | REMARKS |
|---------------------------|------------------------------------|-------------------------------------|---------------|---|
| Wednesday, April 17, 2013 | 2 | 28 | Snow | No fill placed |
| Thursday, April 18, 2013 | 8 | 22 | Snow | See Table 2 |
| Friday, April 19, 2013 | 22 | 39 | - | See Table 2 |
| Saturday, April 20, 2013 | 22 | 44 | - | Construction Stopped |
| Sunday, April 21, 2013 | - | - | - | No work performed |
| Monday, April 22, 2013 | 10 | 46 | - | See Table 2 |
| Tuesday, April 23, 2013 | 12 | 28 | Rain | See Table 2 |
| Wednesday, April 24, 2013 | 24 | 39 | - | See Table 2 |
| Thursday, April 25, 2013 | 31 | 52 | - | No fill placed during ambient temperature below 32° F |
| Friday, April 26, 2013 | 26 | 46 | - | See Table 2 |
| Saturday, April 27, 2013 | 35 | 58 | - | See Table 2 |
| Sunday, April 28, 2013 | - | - | - | No work performed |
| Monday, April 29, 2013 | 42 | 64 | - | - |
| Tuesday, April 30, 2013 | 25 | 60 | - | - |
| Wednesday, May 01, 2013 | - | - | Snow | No work performed |
| Thursday, May 02, 2013 | 19 | 36 | - | No fill placed |
| Friday, May 03, 2013 | 25 | 49 | - | See Table 2 |
| Saturday, May 04, 2013 | 23 | 46 | - | See Table 2 |
| Sunday, May 05, 2013 | - | - | - | No work performed |
| Monday, May 06, 2013 | 30 | 45 | Sprinkling | No fill placed during ambient temperature below 32° F |
| Tuesday, May 07, 2013 | 30 | 57 | Rain/Snow Mix | No fill placed during ambient temperature below 32° F |
| Wednesday, May 08, 2013 | 29 | 36 | - | No fill placed |
| Thursday, May 09, 2013 | 25 | 38 | Snow | No fill placed |
| Friday, May 10, 2013 | 29 | 45 | PM Rain/Snow | No fill placed during ambient temperature below 32° F |
| Saturday, May 11, 2013 | 33 | 56 | - | - |
| Sunday, May 12, 2013 | - | - | - | No work performed |
| Monday, May 13, 2013 | 43 | 62 | - | - |
| Tuesday, May 14, 2013 | 41 | 57 | - | - |
| Wednesday, May 15, 2013 | 41 | 55 | PM Rain | - |
| Thursday, May 16, 2013 | 39 | 65 | PM Rain | - |
| Friday, May 17, 2013 | 39 | 67 | - | - |
| Saturday, May 18, 2013 | 32 | 54 | - | - |
| Sunday, May 19, 2013 | - | - | - | No work performed |
| Monday, May 20, 2013 | 30 | 50 | PM Rain/Snow | No fill placed during ambient temperature below 32° F |
| Tuesday, May 21, 2013 | 39 | 68 | - | - |
| Wednesday, May 22, 2013 | 44 | 76 | - | - |
| Thursday, May 23, 2013 | 46 | 58 | - | - |
| Friday, May 24, 2013 | 52 | 86 | - | - |
| Saturday, May 25, 2013 | - | - | - | No work performed |
| Sunday, May 26, 2013 | - | - | - | No work performed |
| Monday, May 27, 2013 | - | - | - | No work performed |
| Tuesday, May 28, 2013 | 33 | 64 | - | - |
| Wednesday, May 29, 2013 | 36 | 64 | - | - |
| Thursday, May 30, 2013 | 46 | 70 | - | - |
| Friday, May 31, 2013 | 49 | 68 | - | - |
| Saturday, June 01, 2013 | 43 | 57 | - | - |
| Sunday, June 02, 2013 | - | - | - | No work performed |
| Monday, June 03, 2013 | 45 | 88 | - | - |
| Tuesday, June 04, 2013 | 49 | 74 | - | - |
| Wednesday, June 05, 2013 | 45 | 55 | Light Rain | - |
| Thursday, June 06, 2013 | 46 | 74 | - | - |
| Friday, June 07, 2013 | 44 | 73 | Rain/Hail | - |
| Saturday, June 08, 2013 | 49 | 74 | - | - |

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| DATE | LOW AMBIENT TEMPERATURE (°F) | HIGH AMBIENT TEMPERATURE (°F) | PRECIPITATION | REMARKS |
|--------------------------|------------------------------------|-------------------------------------|---------------|-------------------|
| Sunday, June 09, 2013 | 47 | 77 | - | - |
| Monday, June 10, 2013 | 48 | 80 | - | - |
| Tuesday, June 11, 2013 | 45 | 75 | - | - |
| Wednesday, June 12, 2013 | 48 | 79 | - | - |
| Thursday, June 13, 2013 | 47 | 77 | - | - |
| Friday, June 14, 2013 | 45 | 72 | Rain | - |
| Saturday, June 15, 2013 | 43 | 73 | Rain | - |
| Sunday, June 16, 2013 | - | - | - | No work performed |
| Monday, June 17, 2013 | 42 | 71 | Rain | - |
| Tuesday, June 18, 2013 | 43 | 72 | - | - |
| Wednesday, June 19, 2013 | 43 | 77 | Rain/Hail | - |
| Thursday, June 20, 2013 | 43 | 75 | - | - |
| Friday, June 21, 2013 | 48 | 75 | - | - |
| Saturday, June 22, 2013 | 46 | 79 | - | - |
| Sunday, June 23, 2013 | - | - | - | No work performed |
| Monday, June 24, 2013 | 43 | 72 | - | - |
| Tuesday, June 25, 2013 | 47 | 75 | - | - |
| Wednesday, June 26, 2013 | 52 | 80 | - | - |
| Thursday, June 27, 2013 | 39 | 78 | - | - |
| Friday, June 28, 2013 | 46 | 79 | Rain | - |
| Saturday, June 29, 2013 | 46 | 74 | PM rain | - |
| Sunday, June 30, 2013 | - | - | - | No work performed |
| Monday, July 01, 2013 | 45 | 77 | - | - |
| Tuesday, July 02, 2013 | 45 | 77 | - | - |
| Wednesday, July 03, 2013 | 43 | 75 | - | - |
| Thursday, July 04, 2013 | - | - | - | No work performed |
| Friday, July 05, 2013 | - | - | - | No work performed |
| Saturday, July 06, 2013 | - | - | - | No work performed |
| Sunday, July 07, 2013 | - | - | - | No work performed |
| Monday, July 08, 2013 | 48 | 79 | Rain/Hail | - |
| Tuesday, July 09, 2013 | 43 | 79 | Rain/Hail | - |
| Wednesday, July 10, 2013 | 51 | 78 | Rain/Hail | - |
| Thursday, July 11, 2013 | 49 | 78 | - | - |
| Friday, July 12, 2013 | 54 | 79 | - | - |
| Saturday, July 13, 2013 | 52 | 77 | - | - |
| Sunday, July 14, 2013 | - | - | - | No work performed |
| Monday, July 15, 2013 | 52 | 64 | - | - |
| Tuesday, July 16, 2013 | 47 | 72 | - | - |
| Wednesday, July 17, 2013 | 46 | 72 | - | - |
| Thursday, July 18, 2013 | 48 | 75 | - | - |
| Friday, July 19, 2013 | 45 | 72 | - | - |
| Saturday, July 20, 2013 | 45 | 72 | - | - |
| Sunday, July 21, 2013 | - | - | - | No work performed |
| Monday, July 22, 2013 | 49 | 75 | - | - |
| Tuesday, July 23, 2013 | 79 | 78 | - | - |
| Wednesday, July 24, 2013 | 46 | 75 | - | - |
| Thursday, July 25, 2013 | 46 | 75 | - | - |
| Friday, July 26, 2013 | 42 | 72 | - | - |
| Saturday, July 27, 2013 | 45 | 70 | - | - |
| Sunday, July 28, 2013 | - | - | - | No work performed |
| Monday, July 29, 2013 | 45 | 67 | PM Showers | - |
| Tuesday, July 30, 2013 | 50 | 72 | - | - |
| Wednesday, July 31, 2013 | 50 | 76 | - | - |

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Cripple Creek & Victor Gold Mining Company
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Summary of Weather Data



| DATE | LOW AMBIENT TEMPERATURE (°F) | HIGH AMBIENT TEMPERATURE (°F) | PRECIPITATION | REMARKS |
|-------------------------------|------------------------------------|-------------------------------------|-------------------|-------------------|
| Thursday, August 01, 2013 | 45 | 75 | Rain | - |
| Friday, August 02, 2013 | 45 | 75 | Rain | - |
| Saturday, August 03, 2013 | 46 | 72 | PM Showers | - |
| Sunday, August 04, 2013 | - | - | - | No work performed |
| Monday, August 05, 2013 | 52 | 72 | Rain | - |
| Tuesday, August 06, 2013 | 54 | 70 | PM Showers | - |
| Wednesday, August 07, 2013 | 41 | 56 | Rain | - |
| Thursday, August 08, 2013 | 42 | 64 | Rain | - |
| Friday, August 09, 2013 | 41 | 65 | PM Showers | - |
| Saturday, August 10, 2013 | 38 | 67 | PM Showers | - |
| Sunday, August 11, 2013 | - | - | - | No work performed |
| Monday, August 12, 2013 | 42 | 71 | Rain | - |
| Tuesday, August 13, 2013 | 41 | 72 | Rain | - |
| Wednesday, August 14, 2013 | 43 | 76 | Rain | - |
| Thursday, August 15, 2013 | 45 | 78 | Rain | - |
| Friday, August 16, 2013 | 44 | 79 | Sprinkling | - |
| Saturday, August 17, 2013 | 61 | 77 | - | - |
| Sunday, August 18, 2013 | - | - | - | No work performed |
| Monday, August 19, 2013 | 55 | 79 | Rain | - |
| Tuesday, August 20, 2013 | 47 | 79 | Rain | - |
| Wednesday, August 21, 2013 | 47 | 79 | Rain | - |
| Thursday, August 22, 2013 | 47 | 79 | Rain | - |
| Friday, August 23, 2013 | 48 | 72 | Rain | - |
| Saturday, August 24, 2013 | 48 | 72 | - | - |
| Sunday, August 25, 2013 | - | - | - | No work performed |
| Monday, August 26, 2013 | 48 | 72 | - | - |
| Tuesday, August 27, 2013 | 48 | 72 | - | - |
| Wednesday, August 28, 2013 | 50 | 79 | Light Rain | - |
| Thursday, August 29, 2013 | 50 | 79 | - | - |
| Friday, August 30, 2013 | 48 | 78 | - | - |
| Saturday, August 31, 2013 | - | - | - | No work performed |
| Sunday, September 01, 2013 | - | - | - | No work performed |
| Monday, September 02, 2013 | - | - | - | No work performed |
| Tuesday, September 03, 2013 | 48 | 78 | Rain | - |
| Wednesday, September 04, 2013 | 48 | 78 | Sprinkling | - |
| Thursday, September 05, 2013 | 50 | 79 | - | - |
| Friday, September 06, 2013 | 52 | 79 | - | - |
| Saturday, September 07, 2013 | 52 | 79 | - | - |
| Sunday, September 08, 2013 | - | - | - | No work performed |
| Monday, September 09, 2013 | 46 | 76 | PM Sprinkling | - |
| Tuesday, September 10, 2013 | 43 | 61 | Sprinkling | - |
| Wednesday, September 11, 2013 | 43 | 56 | Light Rain | - |
| Thursday, September 12, 2013 | 43 | 56 | Intermittent Rain | - |
| Friday, September 13, 2013 | 42 | 55 | Rain | - |
| Saturday, September 14, 2013 | - | - | - | No work performed |
| Sunday, September 15, 2013 | - | - | - | No work performed |
| Monday, September 16, 2013 | 42 | 57 | Rain | - |
| Tuesday, September 17, 2013 | 41 | 65 | - | - |
| Wednesday, September 18, 2013 | 43 | 66 | PM Rain | - |
| Thursday, September 19, 2013 | 40 | 65 | - | - |
| Friday, September 20, 2013 | 41 | 65 | - | - |
| Saturday, September 21, 2013 | 33 | 47 | - | - |
| Sunday, September 22, 2013 | - | - | - | No work performed |

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| DATE | LOW AMBIENT TEMPERATURE (°F) | HIGH AMBIENT TEMPERATURE (°F) | PRECIPITATION | REMARKS |
|-------------------------------|------------------------------------|-------------------------------------|---------------|---|
| Monday, September 23, 2013 | 33 | 47 | - | - |
| Tuesday, September 24, 2013 | 34 | 66 | - | - |
| Wednesday, September 25, 2013 | 40 | 69 | - | - |
| Thursday, September 26, 2013 | 41 | 69 | - | - |
| Friday, September 27, 2013 | 34 | 58 | Drizzling | - |
| Saturday, September 28, 2013 | 37 | 53 | - | - |
| Sunday, September 29, 2013 | 34 | 64 | - | - |
| Monday, September 30, 2013 | 39 | 65 | - | - |
| Tuesday, October 01, 2013 | 40 | 65 | - | - |
| Wednesday, October 02, 2013 | 40 | 67 | - | - |
| Thursday, October 03, 2013 | 40 | 67 | - | - |
| Friday, October 04, 2013 | 32 | 48 | - | - |
| Saturday, October 05, 2013 | 25 | 48 | - | No fill placed during ambient temperature below 32° F |
| Sunday, October 06, 2013 | - | - | - | No work performed |
| Monday, October 07, 2013 | 35 | 63 | - | - |
| Tuesday, October 08, 2013 | 33 | 61 | - | - |
| Wednesday, October 09, 2013 | 34 | 62 | - | - |
| Thursday, October 10, 2013 | 31 | 62 | Rain/Snow Mix | No fill placed during ambient temperature below 32° F |
| Friday, October 11, 2013 | 25 | 48 | Snow | See Table 2 |
| Saturday, October 12, 2013 | 26 | 52 | - | No fill placed |
| Sunday, October 13, 2013 | - | - | - | No work performed |
| Monday, October 14, 2013 | 28 | 44 | Rain/Snow Mix | See Table 2 |
| Tuesday, October 15, 2013 | 22 | 33 | Light Snow | See Table 2 |
| Wednesday, October 16, 2013 | 19 | 37 | - | See Table 2 |
| Thursday, October 17, 2013 | 25 | 46 | - | See Table 2 |
| Friday, October 18, 2013 | 25 | 46 | - | No fill placed during ambient temperature below 32° F |
| Saturday, October 19, 2013 | 25 | 46 | - | No fill placed during ambient temperature below 32° F |
| Sunday, October 20, 2013 | - | - | - | No work performed |
| Monday, October 21, 2013 | 21 | 43 | Rain/Snow Mix | See Table 2 |
| Tuesday, October 22, 2013 | 21 | 43 | - | See Table 2 |
| Wednesday, October 23, 2013 | 33 | 56 | - | - |
| Thursday, October 24, 2013 | 30 | 57 | - | No fill placed during ambient temperature below 32° F |
| Friday, October 25, 2013 | 35 | 56 | - | - |
| Saturday, October 26, 2013 | 35 | 57 | - | - |
| Sunday, October 27, 2013 | - | - | - | No work performed |
| Monday, October 28, 2013 | 33 | 47 | - | - |
| Tuesday, October 29, 2013 | 34 | 48 | - | - |
| Wednesday, October 30, 2013 | 19 | 37 | AM Snow | - |
| Thursday, October 31, 2013 | 19 | 38 | - | - |
| Friday, November 01, 2013 | 21 | 39 | - | See Table 2 |
| Saturday, November 02, 2013 | 25 | 52 | - | See Table 2 |
| Sunday, November 03, 2013 | - | - | - | No work performed |
| Monday, November 04, 2013 | 19 | 36 | - | See Table 2 |
| Tuesday, November 05, 2013 | 9 | 28 | Snow | No fill placed |
| Wednesday, November 06, 2013 | 10 | 33 | - | See Table 2 |
| Thursday, November 07, 2013 | 23 | 47 | - | See Table 2 |
| Friday, November 08, 2013 | 31 | 51 | - | No fill placed during ambient temperature below 32° F |
| Saturday, November 09, 2013 | 34 | 52 | - | - |
| Sunday, November 10, 2013 | - | - | - | No work performed |
| Monday, November 11, 2013 | 31 | 52 | - | No fill placed during ambient temperature below 32° F |
| Tuesday, November 12, 2013 | 23 | 50 | - | See Table 2 |
| Wednesday, November 13, 2013 | 30 | 49 | - | See Table 2 |
| Thursday, November 14, 2013 | 28 | 45 | - | No fill placed during ambient temperature below 32° F |

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Temperature data reporting will continue in the Phase 1 ROC Report

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|------------------------------|------------------------------------|-------------------------------------|---------------|---|
| Friday, November 15, 2013 | 27 | 47 | - | No fill placed during ambient temperature below 32° F |
| Saturday, November 16, 2013 | 21 | 34 | - | No fill placed during ambient temperature below 32° F |
| Sunday, November 17, 2013 | - | - | - | No work performed |
| Monday, November 18, 2013 | 22 | 51 | - | No fill placed during ambient temperature below 32° F |
| Tuesday, November 19, 2013 | 27 | 45 | - | No fill placed during ambient temperature below 32° F |
| Wednesday, November 20, 2013 | 24 | 44 | - | No fill placed during ambient temperature below 32° F |
| Thursday, November 21, 2013 | 7 | 31 | Snow | No fill placed |
| Friday, November 22, 2013 | 10 | 24 | Snow | See Table 2 |
| Saturday, November 23, 2013 | 16 | 23 | - | No fill placed |
| Sunday, November 24, 2013 | - | - | - | No work performed |
| Monday, November 25, 2013 | 16 | 22 | - | No fill placed |
| Tuesday, November 26, 2013 | 16 | 31 | Light Snow | No fill placed |
| Wednesday, November 27, 2013 | - | - | - | No work performed |
| Thursday, November 28, 2013 | - | - | - | No work performed |
| Friday, November 29, 2013 | - | - | - | No work performed |
| Saturday, November 30, 2013 | - | - | - | No work performed |
| Sunday, December 01, 2013 | - | - | - | No work performed |
| Monday, December 02, 2013 | 22 | 38 | - | See Table 2 |
| Tuesday, December 03, 2013 | 23 | 39 | - | See Table 2 |
| Wednesday, December 04, 2013 | -1 | 19 | - | See Table 2 |
| Thursday, December 05, 2013 | -2 | 12 | Snow | No fill placed |
| Friday, December 06, 2013 | -3 | 8 | - | See Table 2 |
| Saturday, December 07, 2013 | 3 | 17 | - | See Table 2 |
| Sunday, December 08, 2013 | - | - | - | No work performed |
| Monday, December 09, 2013 | -6 | 6 | - | See Table 2 |
| Tuesday, December 10, 2013 | 5 | 28 | - | See Table 2 |
| Wednesday, December 11, 2013 | 10 | 31 | - | See Table 2 |
| Thursday, December 12, 2013 | 25 | 43 | - | See Table 2 |
| Friday, December 13, 2013 | 16 | 36 | - | See Table 2 |
| Saturday, December 14, 2013 | 10 | 26 | - | No fill placed |
| Sunday, December 15, 2013 | 20 | 37 | - | No work performed |
| Monday, December 16, 2013 | 27 | 40 | - | See Table 2 |
| Tuesday, December 17, 2013 | 28 | 41 | - | See Table 2 |
| Wednesday, December 18, 2013 | 21 | 45 | - | See Table 2 |
| Thursday, December 19, 2013 | 21 | 40 | - | See Table 2 |
| Friday, December 20, 2013 | 15 | 32 | - | See Table 2 |
| Saturday, December 21, 2013 | 12 | 30 | - | See Table 2 |
| Sunday, December 22, 2013 | 5 | 19 | Snow | No fill placed |
| Monday, December 23, 2013 | - | - | - | No work performed |
| Tuesday, December 24, 2013 | - | - | - | No work performed |
| Wednesday, December 25, 2013 | - | - | - | No work performed |
| Thursday, December 26, 2013 | - | - | - | No work performed |
| Friday, December 27, 2013 | - | - | - | No work performed |
| Saturday, December 28, 2013 | - | - | - | No work performed |
| Sunday, December 29, 2013 | - | - | - | No work performed |
| Monday, December 30, 2013 | - | - | - | No work performed |
| Tuesday, December 31, 2013 | - | - | - | No work performed |
| Wednesday, January 01, 2014 | - | - | - | No work performed |
| Thursday, January 02, 2014 | 23 | 38 | - | See Table 2 |
| Friday, January 03, 2014 | 24 | 39 | - | See Table 2 |
| Saturday, January 04, 2014 | -2 | 26 | - | See Table 2 |
| Sunday, January 05, 2014 | - | - | - | No work performed |
| Monday, January 06, 2014 | -5 | 26 | - | No fill placed |

Note:
Temperature data reporting will continue in the Phase 1 ROC Report

Table 1
Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Summary of Weather Data



| DATE | LOW AMBIENT TEMPERATURE (°F) | HIGH AMBIENT TEMPERATURE (°F) | PRECIPITATION | REMARKS |
|------------------------------|------------------------------------|-------------------------------------|---------------|---|
| Tuesday, January 07, 2014 | 18 | 30 | - | See Table 2 |
| Wednesday, January 08, 2014 | 15 | 29 | - | See Table 2 |
| Thursday, January 09, 2014 | 14 | 29 | Light Snow | See Table 2 |
| Friday, January 10, 2014 | 7 | 21 | - | See Table 2 |
| Saturday, January 11, 2014 | 15 | 39 | - | No fill placed |
| Sunday, January 12, 2014 | - | - | - | No work performed |
| Monday, January 13, 2014 | 6 | 30 | - | See Table 2 |
| Tuesday, January 14, 2014 | 15 | 22 | - | See Table 2 |
| Wednesday, January 15, 2014 | 15 | 39 | - | See Table 2 |
| Thursday, January 16, 2014 | 15 | 31 | - | See Table 2 |
| Friday, January 17, 2014 | 15 | 34 | - | See Table 2 |
| Saturday, January 18, 2014 | 19 | 42 | - | No fill placed during ambient temperature below 32° F |
| Sunday, January 19, 2014 | - | - | - | No work performed |
| Monday, January 20, 2014 | 20 | 36 | - | See Table 2 |
| Tuesday, January 21, 2014 | 30 | 39 | - | See Table 2 |
| Wednesday, January 22, 2014 | 12 | 40 | - | See Table 2 |
| Thursday, January 23, 2014 | 6 | 20 | - | See Table 2 |
| Friday, January 24, 2014 | 14 | 39 | - | No fill placed during ambient temperature below 32° F |
| Saturday, January 25, 2014 | 24 | 46 | - | No fill placed during ambient temperature below 32° F |
| Sunday, January 26, 2014 | - | - | - | No work performed |
| Monday, January 27, 2014 | 2 | 25 | - | See Table 2 |
| Tuesday, January 28, 2014 | -2 | 18 | Light Snow | See Table 2 |
| Wednesday, January 29, 2014 | 15 | 37 | Light Snow | See Table 2 |
| Thursday, January 30, 2014 | 22 | 30 | - | See Table 2 |
| Friday, January 31, 2014 | 18 | 28 | - | No work performed |
| Saturday, February 01, 2014 | - | - | - | No work performed |
| Sunday, February 02, 2014 | - | - | - | No work performed |
| Monday, February 03, 2014 | 8 | 25 | - | See Table 2 |
| Tuesday, February 04, 2014 | -2 | 21 | - | No fill placed |
| Wednesday, February 05, 2014 | -3 | 15 | - | See Table 2 |
| Thursday, February 06, 2014 | 4 | 21 | - | See Table 2 |
| Friday, February 07, 2014 | 10 | 25 | - | See Table 2 |
| Saturday, February 08, 2014 | 14 | 31 | - | See Table 2 |
| Sunday, February 09, 2014 | - | - | - | No work performed |
| Monday, February 10, 2014 | 15 | 33 | Snow | See Table 2 |
| Tuesday, February 11, 2014 | 12 | 33 | Light Snow | See Table 2 |
| Wednesday, February 12, 2014 | 15 | 32 | Light Snow | See Table 2 |
| Thursday, February 13, 2014 | 25 | 41 | - | See Table 2 |
| Friday, February 14, 2014 | 21 | 42 | - | No fill placed during ambient temperature below 32° F |
| Saturday, February 15, 2014 | 31 | 41 | - | No fill placed during ambient temperature below 32° F |
| Sunday, February 16, 2014 | - | - | - | No work performed |
| Monday, February 17, 2014 | 17 | 41 | - | See Table 2 |
| Tuesday, February 18, 2014 | 26 | 43 | - | See Table 2 |
| Wednesday, February 19, 2014 | 18 | 39 | - | No fill placed during ambient temperature below 32° F |
| Thursday, February 20, 2014 | 2 | 16 | - | See Table 2 |
| Friday, February 21, 2014 | 10 | 30 | - | See Table 2 |
| Saturday, February 22, 2014 | 16 | 30 | - | See Table 2 |
| Sunday, February 23, 2014 | - | - | - | No work performed |
| Monday, February 24, 2014 | 22 | 44 | - | See Table 2 |
| Tuesday, February 25, 2014 | 11 | 44 | - | No fill placed during ambient temperature below 32° F |
| Wednesday, February 26, 2014 | 22 | 41 | - | No fill placed during ambient temperature below 32° F |
| Thursday, February 27, 2014 | 22 | 40 | - | No fill placed during ambient temperature below 32° F |
| Friday, February 28, 2014 | 22 | 39 | Light Snow | No fill placed during ambient temperature below 32° F |

Note:
Temperature data reporting will continue in the Phase 1 ROC Report

Table 1
Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Summary of Weather Data



| DATE | LOW AMBIENT TEMPERATURE (°F) | HIGH AMBIENT TEMPERATURE (°F) | PRECIPITATION | REMARKS |
|---------------------------|------------------------------|-------------------------------|-------------------|---|
| Saturday, March 01, 2014 | 23 | 31 | - | See Table 2 |
| Sunday, March 02, 2014 | - | - | - | No work performed |
| Monday, March 03, 2014 | 20 | 40 | - | No fill placed during ambient temperature below 32° F |
| Tuesday, March 04, 2014 | 22 | 45 | - | No fill placed during ambient temperature below 32° F |
| Wednesday, March 05, 2014 | 17 | 40 | - | No fill placed during ambient temperature below 32° F |
| Thursday, March 06, 2014 | 26 | 48 | - | No fill placed during ambient temperature below 32° F |
| Friday, March 07, 2014 | 18 | 31 | - | See Table 2 |
| Saturday, March 08, 2014 | 18 | 31 | Snow | No fill placed |
| Sunday, March 09, 2014 | - | - | - | No work performed |
| Monday, March 10, 2014 | 35 | 53 | - | - |
| Tuesday, March 11, 2014 | 8 | 33 | - | See Table 2 |
| Wednesday, March 12, 2014 | 7 | 40 | - | See Table 2 |
| Thursday, March 13, 2014 | 19 | 43 | - | No fill placed during ambient temperature below 32° F |
| Friday, March 14, 2014 | 21 | 41 | - | Closure Drain Drilling/No fill placed |
| Saturday, March 15, 2014 | 12 | 29 | - | Closure Drain Drilling/No fill placed |
| Sunday, March 16, 2014 | 23 | 41 | - | Closure Drain Drilling/No fill placed |
| Monday, March 17, 2014 | 25 | 45 | - | No fill placed during ambient temperature below 32° F |
| Tuesday, March 18, 2014 | 10 | 24 | - | See Table 2 |
| Wednesday, March 19, 2014 | 9 | 37 | - | No fill placed during ambient temperature below 32° F |
| Thursday, March 20, 2014 | 26 | 50 | - | No fill placed during ambient temperature below 32° F |
| Friday, March 21, 2014 | 23 | 43 | - | No fill placed during ambient temperature below 32° F |
| Saturday, March 22, 2014 | 21 | 34 | Snow | See Table 2 |
| Sunday, March 23, 2014 | - | - | - | No work performed |
| Monday, March 24, 2014 | 27 | 43 | - | See Table 2 |
| Tuesday, March 25, 2014 | 23 | 51 | - | No fill placed during ambient temperature below 32° F |
| Wednesday, March 26, 2014 | 24 | 45 | - | No fill placed during ambient temperature below 32° F |
| Thursday, March 27, 2014 | 20 | 26 | - | See Table 2 |
| Friday, March 28, 2014 | 20 | 43 | - | No fill placed during ambient temperature below 32° F |
| Saturday, March 29, 2014 | 19 | 47 | - | No fill placed during ambient temperature below 32° F |
| Sunday, March 30, 2014 | - | - | - | No work performed |
| Monday, March 31, 2014 | 27 | 43 | - | No fill placed during ambient temperature below 32° F |
| Tuesday, April 01, 2014 | 22 | 43 | - | No fill placed during ambient temperature below 32° F |
| Wednesday, April 02, 2014 | 20 | 48 | - | No fill placed during ambient temperature below 32° F |
| Thursday, April 03, 2014 | 15 | 28 | Snow | No work performed |
| Friday, April 04, 2014 | 19 | 47 | - | See Table 2 |
| Saturday, April 05, 2014 | 19 | 39 | Snow | No fill placed during ambient temperature below 32° F |
| Sunday, April 06, 2014 | - | - | - | No work performed |
| Monday, April 07, 2014 | 17 | 36 | Intermittent Snow | See Table 2 |
| Tuesday, April 08, 2014 | 25 | 48 | - | No fill placed during ambient temperature below 32° F |
| Wednesday, April 09, 2014 | 34 | 51 | - | - |
| Thursday, April 10, 2014 | 32 | 56 | - | - |
| Friday, April 11, 2014 | 33 | 58 | - | - |
| Saturday, April 12, 2014 | 35 | 57 | - | - |
| Sunday, April 13, 2014 | - | - | - | No work performed |
| Monday, April 14, 2014 | 2 | 25 | - | Snow removal/No fill placed |
| Tuesday, April 15, 2014 | 35 | 57 | - | - |
| Wednesday, April 16, 2014 | 27 | 42 | - | No fill placed during ambient temperature below 32° F |
| Thursday, April 17, 2014 | 20 | 44 | Rain/Snow Mix | No fill placed during ambient temperature below 32° F |
| Friday, April 18, 2014 | 33 | 41 | - | - |
| Saturday, April 19, 2014 | 33 | 39 | - | - |
| Sunday, April 20, 2014 | - | - | - | No work performed |
| Monday, April 21, 2014 | 33 | 53 | - | - |
| Tuesday, April 22, 2014 | 34 | 59 | - | - |

Note:
Temperature data reporting will continue in the Phase 1 ROC Report

Table 1
Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Summary of Weather Data



| DATE | LOW AMBIENT TEMPERATURE (°F) | HIGH AMBIENT TEMPERATURE (°F) | PRECIPITATION | REMARKS |
|---------------------------|------------------------------------|-------------------------------------|----------------------|---|
| Wednesday, April 23, 2014 | 29 | 53 | - | No fill placed during ambient temperature below 32° F |
| Thursday, April 24, 2014 | 20 | 53 | - | No fill placed during ambient temperature below 32° F |
| Friday, April 25, 2014 | 31 | 56 | - | No fill placed during ambient temperature below 32° F |
| Saturday, April 26, 2014 | 31 | 54 | - | No fill placed during ambient temperature below 32° F |
| Sunday, April 27, 2014 | - | - | - | No work performed |
| Monday, April 28, 2014 | 17 | 35 | - | No fill placed during ambient temperature below 32° F |
| Tuesday, April 29, 2014 | 16 | 36 | - | No fill placed during ambient temperature below 32° F |
| Wednesday, April 30, 2014 | 17 | 40 | - | No fill placed during ambient temperature below 32° F |
| Thursday, May 01, 2014 | 16 | 44 | - | No fill placed during ambient temperature below 32° F |
| Friday, May 02, 2014 | 25 | 59 | - | No fill placed during ambient temperature below 32° F |
| Saturday, May 03, 2014 | 37 | 62 | - | - |
| Sunday, May 04, 2014 | - | - | - | No work performed |
| Monday, May 05, 2014 | 43 | 66 | - | - |
| Tuesday, May 06, 2014 | 40 | 62 | - | - |
| Wednesday, May 07, 2014 | 32 | 63 | - | - |
| Thursday, May 08, 2014 | 28 | 44 | - | No fill placed during ambient temperature below 32° F |
| Friday, May 09, 2014 | 30 | 51 | - | No fill placed during ambient temperature below 32° F |
| Saturday, May 10, 2014 | 28 | 53 | - | No fill placed during ambient temperature below 32° F |
| Sunday, May 11, 2014 | - | - | - | No work performed |
| Monday, May 12, 2014 | - | - | - | No work performed |
| Tuesday, May 13, 2014 | 13 | 36 | Light Snow | No fill placed |
| Wednesday, May 14, 2014 | 28 | 40 | PM Light Snow | No fill placed during ambient temperature below 32° F |
| Thursday, May 15, 2014 | 26 | 46 | PM Light Snow | No fill placed during ambient temperature below 32° F |
| Friday, May 16, 2014 | 33 | 55 | Light Rain Overnight | - |
| Saturday, May 17, 2014 | 40 | 64 | Light Rain Overnight | - |
| Sunday, May 18, 2014 | - | - | - | No work performed |
| Monday, May 19, 2014 | 41 | 66 | 0.00 | - |
| Tuesday, May 20, 2014 | 39 | 64 | 0.00 | - |
| Wednesday, May 21, 2014 | 40 | 57 | 0.09 | - |
| Thursday, May 22, 2014 | 37 | 59 | PM Rain | - |
| Friday, May 23, 2014 | 35 | 58 | PM Rain | - |
| Saturday, May 24, 2014 | 40 | 71 | PM Rain | - |
| Sunday, May 25, 2014 | - | - | - | No work performed |
| Monday, May 26, 2014 | - | - | - | No work performed |
| Tuesday, May 27, 2014 | 40 | 71 | - | - |
| Wednesday, May 28, 2014 | 44 | 71 | - | - |
| Thursday, May 29, 2014 | 44 | 71 | PM Rain | - |
| Friday, May 30, 2014 | 43 | 59 | PM Rain | - |
| Saturday, May 31, 2014 | 39 | 67 | PM Rain | - |
| Sunday, June 01, 2014 | - | - | - | No work performed |
| Monday, June 02, 2014 | 42 | 70 | - | - |
| Tuesday, June 03, 2014 | 48 | 74 | - | - |
| Wednesday, June 04, 2014 | 44 | 64 | - | - |
| Thursday, June 05, 2014 | 41 | 62 | - | - |
| Friday, June 06, 2014 | 42 | 69 | - | - |
| Saturday, June 07, 2014 | 41 | 65 | - | - |
| Sunday, June 08, 2014 | - | - | - | No work performed |
| Monday, June 09, 2014 | 30 | 55 | - | - |
| Tuesday, June 10, 2014 | 43 | 70 | - | - |
| Wednesday, June 11, 2014 | 45 | 70 | PM Rain | - |
| Thursday, June 12, 2014 | 39 | 65 | Light Rain | - |
| Friday, June 13, 2014 | 43 | 72 | - | - |
| Saturday, June 14, 2014 | 39 | 68 | - | - |

Note:
Temperature data reporting will continue in the Phase 1 ROC Report

Table 1
Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Summary of Weather Data



| DATE | LOW AMBIENT TEMPERATURE (°F) | HIGH AMBIENT TEMPERATURE (°F) | PRECIPITATION | REMARKS |
|----------------------------|------------------------------------|-------------------------------------|---------------|-------------------|
| Sunday, June 15, 2014 | - | - | - | No work performed |
| Monday, June 16, 2014 | 46 | 68 | - | - |
| Tuesday, June 17, 2014 | 46 | 71 | - | - |
| Wednesday, June 18, 2014 | 37 | 68 | - | - |
| Thursday, June 19, 2014 | 37 | 68 | - | - |
| Friday, June 20, 2014 | 45 | 75 | - | - |
| Saturday, June 21, 2014 | 49 | 72 | - | - |
| Sunday, June 22, 2014 | - | - | - | No work performed |
| Monday, June 23, 2014 | 39 | 68 | Rain | - |
| Tuesday, June 24, 2014 | 42 | 72 | Rain | - |
| Wednesday, June 25, 2014 | 44 | 71 | Rain | - |
| Thursday, June 26, 2014 | 46 | 70 | - | - |
| Friday, June 27, 2014 | 47 | 78 | - | - |
| Saturday, June 28, 2014 | 41 | 72 | - | - |
| Sunday, June 29, 2014 | - | - | - | No work performed |
| Monday, June 30, 2014 | 52 | 80 | - | - |
| Tuesday, July 01, 2014 | 42 | 62 | Rain | - |
| Wednesday, July 02, 2014 | 41 | 70 | - | - |
| Thursday, July 03, 2014 | 49 | 77 | Rain | - |
| Friday, July 04, 2014 | - | - | - | No work performed |
| Saturday, July 05, 2014 | - | - | - | No work performed |
| Sunday, July 06, 2014 | - | - | - | No work performed |
| Monday, July 07, 2014 | 48 | 75 | Rain | - |
| Tuesday, July 08, 2014 | 47 | 70 | Rain | - |
| Wednesday, July 09, 2014 | 48 | 77 | Light Rain | - |
| Thursday, July 10, 2014 | 50 | 74 | - | - |
| Friday, July 11, 2014 | 53 | 63 | - | - |
| Saturday, July 12, 2014 | 48 | 80 | Rain | - |
| Sunday, July 13, 2014 | - | - | - | No work performed |
| Monday, July 14, 2014 | 47 | 68 | Rain | - |
| Tuesday, July 15, 2014 | 45 | 72 | Rain | - |
| Wednesday, July 16, 2014 | 44 | 70 | Rain | - |
| Thursday, July 17, 2014 | 41 | 69 | Rain | - |
| Friday, July 18, 2014 | 42 | 68 | Rain | - |
| Saturday, July 19, 2014 | 45 | 72 | Rain | - |
| Sunday, July 20, 2014 | 42 | 71 | Rain | - |
| Monday, July 21, 2014 | 55 | 77 | - | - |
| Tuesday, July 22, 2014 | 54 | 77 | Rain | - |
| Wednesday, July 23, 2014 | 55 | 76 | - | - |
| Thursday, July 24, 2014 | 56 | 82 | Rain | - |
| Friday, July 25, 2014 | 51 | 75 | Rain | - |
| Saturday, July 26, 2014 | 51 | 76 | Rain | - |
| Sunday, July 27, 2014 | 48 | 68 | Rain | - |
| Monday, July 28, 2014 | 47 | 66 | Rain | - |
| Tuesday, July 29, 2014 | 46 | 65 | Rain | - |
| Wednesday, July 30, 2014 | 44 | 45 | Rain | - |
| Thursday, July 31, 2014 | 47 | 47 | Rain | - |
| Friday, August 01, 2014 | 46 | 48 | Rain | - |
| Saturday, August 02, 2014 | 47 | 51 | Rain | - |
| Sunday, August 03, 2014 | 44 | 71 | Rain | - |
| Monday, August 04, 2014 | 48 | 71 | Rain | - |
| Tuesday, August 05, 2014 | 49 | 76 | Rain | - |
| Wednesday, August 06, 2014 | 52 | 76 | Rain | - |

Note:
Temperature data reporting will continue in the Phase 1 ROC Report

Table 1
Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Summary of Weather Data



| DATE | LOW AMBIENT TEMPERATURE (°F) | HIGH AMBIENT TEMPERATURE (°F) | PRECIPITATION | REMARKS |
|-------------------------------|------------------------------------|-------------------------------------|---------------|-------------------|
| Thursday, August 07, 2014 | 55 | 76 | Rain | - |
| Friday, August 08, 2014 | 53 | 73 | Rain | - |
| Saturday, August 09, 2014 | 51 | 74 | Rain | - |
| Sunday, August 10, 2014 | 49 | 73 | Heavy Rain | - |
| Monday, August 11, 2014 | 44 | 75 | Rain | - |
| Tuesday, August 12, 2014 | 42 | 70 | Rain | - |
| Wednesday, August 13, 2014 | 44 | 75 | Rain | - |
| Thursday, August 14, 2014 | 45 | 77 | Rain | - |
| Friday, August 15, 2014 | 44 | 75 | Heavy Rain | - |
| Saturday, August 16, 2014 | 44 | 75 | Rain | - |
| Sunday, August 17, 2014 | - | - | - | No work performed |
| Monday, August 18, 2014 | 43 | 72 | - | - |
| Tuesday, August 19, 2014 | 42 | 70 | Rain | - |
| Wednesday, August 20, 2014 | 42 | 70 | Rain | - |
| Thursday, August 21, 2014 | 43 | 73 | - | - |
| Friday, August 22, 2014 | 42 | 63 | Rain | - |
| Saturday, August 23, 2014 | 42 | 68 | - | - |
| Sunday, August 24, 2014 | 43 | 70 | - | - |
| Monday, August 25, 2014 | 42 | 71 | Rain | - |
| Tuesday, August 26, 2014 | 46 | 74 | Rain | - |
| Wednesday, August 27, 2014 | 46 | 68 | Rain | - |
| Thursday, August 28, 2014 | 46 | 70 | Rain | - |
| Friday, August 29, 2014 | 48 | 72 | Rain | - |
| Saturday, August 30, 2014 | - | - | - | No work performed |
| Sunday, August 31, 2014 | - | - | - | No work performed |
| Monday, September 01, 2014 | - | - | - | No work performed |
| Tuesday, September 02, 2014 | 49 | 75 | - | - |
| Wednesday, September 03, 2014 | 46 | 77 | - | - |
| Thursday, September 04, 2014 | 43 | 75 | - | - |
| Friday, September 05, 2014 | 42 | 65 | Rain | - |
| Saturday, September 06, 2014 | 48 | 70 | Rain | - |
| Sunday, September 07, 2014 | 43 | 69 | Rain | - |
| Monday, September 08, 2014 | 46 | 71 | Rain | - |
| Tuesday, September 09, 2014 | 42 | 65 | Rain | - |
| Wednesday, September 10, 2014 | 39 | 59 | Rain | - |
| Thursday, September 11, 2014 | 37 | 54 | - | - |
| Friday, September 12, 2014 | 28 | 54 | - | - |
| Saturday, September 13, 2014 | 35 | 66 | - | - |
| Sunday, September 14, 2014 | 37 | 64 | - | - |
| Monday, September 15, 2014 | 37 | 68 | - | - |
| Tuesday, September 16, 2014 | 40 | 70 | Rain | - |
| Wednesday, September 17, 2014 | 42 | 68 | Rain | - |
| Thursday, September 18, 2014 | 42 | 70 | - | - |
| Friday, September 19, 2014 | 42 | 70 | - | - |
| Saturday, September 20, 2014 | 43 | 67 | Heavy Rain | - |
| Sunday, September 21, 2014 | - | - | - | No work performed |
| Monday, September 22, 2014 | 40 | 62 | Rain | - |
| Tuesday, September 23, 2014 | 39 | 70 | - | - |
| Wednesday, September 24, 2014 | 40 | 70 | - | - |
| Thursday, September 25, 2014 | 41 | 70 | - | - |
| Friday, September 26, 2014 | 42 | 68 | - | - |
| Saturday, September 27, 2014 | 40 | 69 | - | - |
| Sunday, September 28, 2014 | 42 | 70 | - | - |

Table 1
Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Summary of Weather Data



| DATE | LOW AMBIENT TEMPERATURE (°F) | HIGH AMBIENT TEMPERATURE (°F) | PRECIPITATION | REMARKS |
|------------------------------|------------------------------------|-------------------------------------|---------------|---|
| Monday, September 29, 2014 | 38 | 65 | - | - |
| Tuesday, September 30, 2014 | 31 | 58 | Rain | - |
| Wednesday, October 01, 2014 | 31 | 50 | Rain | - |
| Thursday, October 02, 2014 | 30 | 55 | Rain | See Table 2 |
| Friday, October 03, 2014 | 28 | 57 | - | See Table 2 |
| Saturday, October 04, 2014 | 29 | 58 | - | See Table 2 |
| Sunday, October 05, 2014 | 30 | 59 | - | See Table 2 |
| Monday, October 06, 2014 | 30 | 65 | - | See Table 2 |
| Tuesday, October 07, 2014 | 25 | 68 | - | See Table 2 |
| Wednesday, October 08, 2014 | 30 | 68 | - | No fill placed during ambient temperature below 32° F |
| Thursday, October 09, 2014 | 34 | 50 | Rain | No fill placed during ambient temperature below 32° F |
| Friday, October 10, 2014 | 32 | 56 | Rain/Snow Mix | No fill placed during ambient temperature below 32° F |
| Saturday, October 11, 2014 | 32 | 60 | - | No fill placed during ambient temperature below 32° F |
| Sunday, October 12, 2014 | - | - | - | No work performed |
| Monday, October 13, 2014 | 26 | 44 | - | See Table 2 |
| Tuesday, October 14, 2014 | 29 | 62 | - | See Table 2 |
| Wednesday, October 15, 2014 | 42 | 63 | - | - |
| Thursday, October 16, 2014 | 37 | 61 | - | - |
| Friday, October 17, 2014 | 35 | 60 | - | - |
| Saturday, October 18, 2014 | 38 | 60 | - | - |
| Sunday, October 19, 2014 | - | - | - | No work performed |
| Monday, October 20, 2014 | 38 | 58 | - | - |
| Tuesday, October 21, 2014 | 37 | 59 | - | - |
| Wednesday, October 22, 2014 | 34 | 53 | - | - |
| Thursday, October 23, 2014 | 41 | 53 | - | - |
| Friday, October 24, 2014 | 39 | 66 | - | - |
| Saturday, October 25, 2014 | 41 | 65 | - | - |
| Sunday, October 26, 2014 | - | - | - | No work performed |
| Monday, October 27, 2014 | 25 | 45 | - | No fill placed during ambient temperature below 32° F |
| Tuesday, October 28, 2014 | 24 | 49 | - | See Table 2 |
| Wednesday, October 29, 2014 | 22 | 45 | - | See Table 2 |
| Thursday, October 30, 2014 | 30 | 53 | - | See Table 2 |
| Friday, October 31, 2014 | 28 | 53 | - | See Table 2 |
| Saturday, November 01, 2014 | 36 | 40 | - | - |
| Sunday, November 02, 2014 | - | - | - | No work performed |
| Monday, November 03, 2014 | 29 | 42 | PM Snow | See Table 2 |
| Tuesday, November 04, 2014 | 18 | 42 | - | No fill placed during ambient temperature below 32° F |
| Wednesday, November 05, 2014 | 29 | 48 | - | See Table 2 |
| Thursday, November 06, 2014 | 31 | 57 | - | No fill placed during ambient temperature below 32° F |
| Friday, November 07, 2014 | 29 | 54 | - | See Table 2 |
| Saturday, November 08, 2014 | - | - | - | No work performed |
| Sunday, November 09, 2014 | - | - | - | No work performed |
| Monday, November 10, 2014 | 14 | 49 | - | See Table 2 |
| Tuesday, November 11, 2014 | 3 | 27 | - | See Table 2 |
| Wednesday, November 12, 2014 | -8 | 7 | Light Snow | See Table 2 |
| Thursday, November 13, 2014 | 3 | 30 | - | See Table 2 |
| Friday, November 14, 2014 | 19 | 37 | - | See Table 2 |
| Saturday, November 15, 2014 | 4 | 34 | PM Snow | Only Temporary Fill Placed for Ramp |

Note:
Temperature data reporting will continue in the Phase 1 ROC Report

Table 2
Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Fill Temperature Monitoring Summary



| DATE | TIME OF TEST | AMBIENT TEMPERATURE (°F) | AVERAGE FILL TEMPERATURE (°F) | LOCATION |
|-----------|--------------|--------------------------|-------------------------------|---|
| 1/21/2013 | 7:30 AM | 26 | 33 | Upper portion of Swede Gulch |
| | 7:30 AM | 28 | 38 | Upper portion of Swede Gulch |
| | 8:30 AM | 28 | 33 | Upper portion of Swede Gulch |
| | 9:30 AM | 32 | 34 | Upper portion of Swede Gulch |
| 1/22/2013 | 7:20 AM | 27 | 33 | Bench F Sta F4+00 to F10+00, 0 to 75 feet Right of CL |
| | 7:20 AM | 30 | 39 | Upper portion of Swede Gulch |
| | 7:30 AM | 30 | 35 | Toe Berm |
| | 8:20 AM | 31 | 39 | Upper portion of Swede Gulch |
| | 8:30 AM | 32 | 34 | Bench F Sta F4+00 to F10+00, 0 to 75 feet Right of CL |
| | 8:30 AM | 31 | 35 | Toe Berm |
| 1/23/2013 | 11:50 AM | 48 | 35 | Upper portion of Swede Gulch |
| 1/25/2013 | 7:30 AM | 30 | 35 | Swede Gulch within Phase I for Haul Road |
| 1/28/2013 | 7:00 AM | 30 | 41 | STA 16+50 to STA 22+00 |
| | 8:00 AM | 32 | 42 | STA 16+50 to STA 22+00 |
| 1/31/2013 | 7:30 AM | 28 | 38 | STA 14+50 to STA 16+50 |
| | 8:30 AM | 29 | 39 | STA 14+50 to STA 16+50 |
| | 9:30 AM | 30 | 40 | STA 14+50 to STA 16+50 |
| | 10:30 AM | 31 | 40 | STA 14+50 to STA 16+50 |
| 2/1/2013 | 7:30 AM | 29 | 38 | STA 14+50 to STA 16+50 |
| | 8:30 AM | 30 | 38 | STA 14+50 to STA 16+50 |
| 3/25/2013 | 7:00 AM | 0 | 18 | STA 17+00 to STA 24+00 |
| | 7:30 AM | 5 | 22 | STA 17+00 to STA 24+00 |
| | 9:00 AM | 25 | 26 | STA 17+00 to STA 24+00 |
| | 9:30 AM | 19 | 31 | ADR Haul Road STA 4+00 to STA 7+00 |
| | 10:00 AM | 27 | 28 | STA 17+00 to STA 24+00 |
| | 10:30 AM | 25 | 32 | ADR Haul Road STA 4+00 to STA 7+00 |
| | 11:00 AM | 28 | 33 | STA 17+00 to STA 24+00 |
| | 11:30 AM | 22 | 41 | ADR Haul Road STA 4+00 to STA 7+00 |
| | 12:30 PM | 26 | 40 | ADR Haul Road STA 4+00 to STA 7+00 |
| | 1:30 PM | 29 | 41 | ADR Haul Road STA 4+00 to STA 7+00 |
| | 3:30 PM | 26 | 42 | ADR Haul Road STA 4+00 to STA 7+00 |
| | 4:30 PM | 27 | 41 | ADR Haul Road STA 4+00 to STA 7+00 |
| | 7:15 PM | 30 | 36 | 400 ft SW of ADR Haul Road STA 0+00 |
| 3/26/2013 | 12:00 AM | 18 | 34 | 900 ft SW of ADR Haul Road STA 0+00 |
| | 2:15 AM | 14 | 32 | 500 ft SW of ADR Haul Road STA 0+00 |
| | 4:30 PM | 12 | 31 | 300 ft SW of ADR Haul Road STA 0+00 |
| | 8:30 AM | 28 | 33 | ADR Haul STA 0+50 |
| | 9:30 AM | 30 | 36 | ADR Haul STA 0+50 |
| | 10:30 AM | 31 | 38 | ADR Haul STA 0+50 |
| 3/27/2013 | 1:15 AM | 30 | 34 | 200 ft SW of ADR Haul Road STA 0+00 |
| | 4:15 PM | 27 | 33 | 75 ft SW of ADR Haul Road STA 0+00 |
| 4/1/2013 | 7:30 PM | 30 | 35 | ADR Haul Road STA 0+50 |
| | 9:30 PM | 27 | 34 | ADR Haul Road STA 0+50 |
| 4/2/2013 | 12:30 AM | 20 | 33 | ADR Haul Road STA 0+50 |
| | 4:30 AM | 16 | 33 | ADR Haul Road STA 0+50 |
| 4/9/2013 | 7:30 PM | 15 | 37 | ADR Haul Road STA 0+50 |
| | 11:30 PM | 10 | 35 | ADR Haul Road STA 0+50 |
| | 4:30 AM | 7 | 33 | ADR Haul Road STA 0+50 |

Note:
Temperature data reporting will continue in the Phase 1 ROC Report

Table 2
Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Fill Temperature Monitoring Summary



| DATE | TIME OF TEST | AMBIENT TEMPERATURE (°F) | AVERAGE FILL TEMPERATURE (°F) | LOCATION |
|-----------|--------------|--------------------------|-------------------------------|---|
| 4/10/2013 | 7:30 AM | 17 | 37 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 8:30 AM | 17 | 39 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 9:30 AM | 22 | 38 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 10:30 AM | 28 | 40 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 11:30 AM | 27 | 40 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 2:30 PM | 29 | 42 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 3:30 PM | 30 | 39 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 4:30 PM | 26 | 40 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 7:30 PM | 25 | 39 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 12:30 AM | 16 | 35 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 4:30 AM | 9 | 33 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| 4/11/2013 | 12:30 AM | 32 | 37 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 2:30 AM | 31 | 35 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 3:30 AM | - | - | Construction stopped |
| 4/12/2013 | 12:30 AM | 32 | 37 | Cripple Creek side of Embankment Foot Print East side |
| | 3:30 AM | 22 | 35 | Cripple Creek side of Embankment Foot Print East side |
| | 5:30 AM | 22 | 33 | Cripple Creek side of Embankment Foot Print East side |
| 4/15/2013 | 9:30 PM | 32 | 37 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 12:30 AM | 26 | 36 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 2:30 AM | 25 | 35 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| 4/18/2013 | 11:30 PM | 16 | 33 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 12:00 AM | 26 | 33 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 1:00 AM | 24 | 35 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 2:00 AM | 24 | 37 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 3:00 AM | 24 | 37 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 4:00 AM | 26 | 37 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| 4/19/2013 | 8:00 AM | 25 | 37 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 9:00 AM | 25 | 36 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 10:00 AM | 27 | 36 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 11:00 AM | 30 | 34 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 1:30 AM | 32 | 37 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 3:30 AM | 27 | 35 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 5:30 AM | 25 | 33 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| 4/22/2013 | 8:30 PM | 27 | 37 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 10:30 PM | 21 | 36 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 12:30 AM | 21 | 34 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 1:30 AM | - | - | Construction stopped |
| 4/23/2013 | 8:00 AM | 10 | 29 | Bench F N 57,500 E 35,000 |
| | 9:00 AM | 17 | 32 | Bench F N 57,500 E 35,000 |
| | 10:00 AM | 23 | 33 | Bench F N 57,500 E 35,000 |
| | 11:00 AM | 23 | 36 | Bench F N 57,500 E 35,000 |
| | 12:00 PM | 27 | 35 | Bench F N 57,500 E 35,000 |
| | 1:00 PM | 27 | 38 | Bench F N 57,500 E 35,000 |
| | 2:00 PM | 26 | 36 | Bench F N 57,500 E 35,000 |
| | 3:00 PM | 26 | 37 | Bench F N 57,500 E 35,000 |
| | 4:00 PM | 26 | 35 | Bench F N 57,500 E 35,000 |
| | 5:00 PM | 24 | 33 | Bench F N 57,500 E 35,000 |

Note:
Temperature data reporting will continue in the Phase 1 ROC Report

Table 2
Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Fill Temperature Monitoring Summary



| DATE | TIME OF TEST | AMBIENT TEMPERATURE (°F) | AVERAGE FILL TEMPERATURE (°F) | LOCATION |
|------------|--------------|--------------------------|-------------------------------|--|
| 4/24/2013 | 11:30 PM | 27 | 37 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 1:30 AM | 26 | 35 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 3:30 AM | 23 | 35 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 5:30 AM | 21 | 33 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| 4/26/2013 | 3:30 AM | 32 | 37 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 5:30 AM | 30 | 36 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| 4/27/2013 | 3:30 AM | 32 | 37 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 5:30 AM | 30 | 36 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| 5/3/2013 | 2:00 AM | 31 | 38 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 3:00 AM | 31 | 35 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 4:00 AM | 29 | 35 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 5:00 AM | 28 | 39 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| 5/4/2013 | 1:00 AM | 30 | 38 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 2:00 AM | 30 | 37 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 3:00 AM | 28 | 39 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 4:00 AM | 28 | 37 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| | 5:00 AM | 26 | 36 | Squaw Gulch Hwy 67 Re-alignment/Toe Berm |
| 10/11/2013 | 10:00 PM | 32 | 42 | ADR Haul Road STA 57+00 to 61+00 |
| | 11:00 PM | 31 | 42 | ADR Haul Road STA 57+00 to 61+00 |
| | 12:00 AM | 29 | 41 | ADR Haul Road STA 57+00 to 61+00 |
| | 1:00 AM | 29 | 38 | ADR Haul Road STA 57+00 to 61+00 |
| | 3:00 AM | 27 | 34 | ADR Haul Road STA 57+00 to 61+00 |
| 10/14/2013 | 10:00 PM | 33 | 40 | PSSA Toe Berm |
| | 1:00 AM | 30 | 38 | PSSA Toe Berm |
| | 4:00 AM | 28 | 33 | PSSA Toe Berm |
| 10/15/2013 | 8:00 AM | 23 | 33 | Bench A STA A5+00 to A6+00 |
| | 10:00 AM | 26 | 34 | Bench A STA A5+00 to A6+00 |
| | 10:00 PM | 26 | 34 | ADR Haul Road STA 56+00 to STA 60+00 |
| | 12:00 AM | 25 | 34 | ADR Haul Road STA 56+00 to STA 60+00 |
| | 1:00 AM | 23 | 34 | ADR Haul Road STA 56+00 to STA 60+00 |
| | 2:00 AM | 23 | 33 | ADR Haul Road STA 56+00 to STA 60+00 |
| | 3:00 AM | 22 | 32 | ADR Haul Road STA 56+00 to STA 60+00 |
| | 4:00 AM | 22 | 32 | ADR Haul Road STA 56+00 to STA 60+00 |
| 10/16/2013 | 8:00 AM | 21 | 33 | PSSA Toe Berm |
| | 9:00 AM | 23 | 34 | PSSA Toe Berm |
| | 11:00 AM | 28 | 36 | PSSA Toe Berm |
| | 12:00 AM | 30 | 37 | ADR Haul Road STA 56+00 to STA 62+00 |
| | 1:00 AM | 28 | 35 | ADR Haul Road STA 56+00 to STA 62+00 |
| | 2:00 AM | 26 | 35 | ADR Haul Road STA 56+00 to STA 62+00 |
| | 3:00 AM | 24 | 33 | ADR Haul Road STA 56+00 to STA 62+00 |
| | 4:00 AM | 22 | 32 | ADR Haul Road STA 56+00 to STA 62+00 |
| 10/17/2013 | 10:00 PM | 32 | 39 | ADR Haul Road STA 56+00 to STA 62+00 |
| | 12:00 AM | 29 | 37 | ADR Haul Road STA 56+00 to STA 62+00 |
| | 1:00 AM | 28 | 35 | ADR Haul Road STA 56+00 to STA 62+00 |
| | 2:00 AM | 26 | 34 | ADR Haul Road STA 56+00 to STA 62+00 |
| | 3:00 AM | 25 | 33 | ADR Haul Road STA 56+00 to STA 62+00 |

Note:
Temperature data reporting will continue in the Phase 1 ROC Report

Table 2
Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Fill Temperature Monitoring Summary



| DATE | TIME OF TEST | AMBIENT TEMPERATURE (°F) | AVERAGE FILL TEMPERATURE (°F) | LOCATION |
|------------|--------------|--------------------------|-------------------------------|---------------------------------------|
| 10/21/2013 | 10:00 PM | 33 | 39 | ADR Haul Road STA 56+00 to STA 70+00 |
| | 11:30 AM | 30 | 39 | ADR Haul Road STA 56+00 to STA 70+00 |
| | 1:00 AM | 28 | 38 | ADR Haul Road STA 56+00 to STA 70+00 |
| | 2:00 AM | 26 | 38 | ADR Haul Road STA 56+00 to STA 70+00 |
| | 3:30 AM | 23 | 36 | ADR Haul Road STA 56+00 to STA 70+00 |
| 10/22/2013 | 8:00 AM | 34 | 39 | ADR Haul Road STA 64+00 |
| | 10:00 AM | 30 | 38 | ADR Haul Road STA 64+00 |
| | 12:00 PM | 27 | 37 | ADR Haul Road STA 64+00 |
| | 1:00 AM | 25 | 37 | ADR Haul Road STA 64+00 |
| | 2:30 AM | 22 | 35 | ADR Haul Road STA 64+00 |
| | 3:00 AM | 21 | 33 | ADR Haul Road STA 64+00 |
| | 4:00 AM | 21 | 33 | ADR Haul Road STA 64+00 |
| 11/1/2013 | 7:30 AM | 29 | 35 | VLF Above old Hwy 67 |
| | 9:00 AM | 31 | 36 | VLF Above old Hwy 67 |
| | 10:30 AM | 36 | 36 | VLF Above old Hwy 67 |
| 11/2/2013 | 8:00 AM | 32 | 33 | VLF Above old Hwy 67 |
| | 9:30 AM | 39 | 33 | VLF Above old Hwy 67 |
| | 11:00 AM | 49 | 34 | VLF Above old Hwy 67 |
| 11/4/2013 | 7:00 AM | 25 | 32 | VLF Above old Hwy 67 |
| | 8:30 AM | 30 | 33 | VLF Above old Hwy 67 |
| | 10:00 AM | 33 | 33 | VLF Above old Hwy 67 |
| 11/6/2013 | 7:30 AM | 17 | 32 | Bench H STA H26+00 to STA H30+00 |
| | 8:30 AM | 19 | 33 | Bench H STA H26+00 to STA H30+00 |
| | 9:30 AM | 21 | 34 | Bench H STA H26+00 to STA H30+00 |
| | 10:30 AM | 26 | 35 | Bench H STA H26+00 to STA H30+00 |
| 11/7/2013 | 8:00 AM | 31 | 32 | Bench A STA A14+00 to A16+00 |
| | 9:00 AM | 33 | 32 | Bench A STA A14+00 to A16+00 |
| 11/12/2013 | 7:30 AM | 29 | 34 | Fill at Bench FF STA FF0+00 |
| | 8:30 AM | 30 | 34 | Fill at Bench FF STA FF0+00 |
| | 9:30 AM | 32 | 35 | Fill at Bench FF STA FF0+00 |
| | 10:30 AM | 36 | 35 | Fill at Bench FF STA FF0+00 |
| 11/13/2013 | 7:30 AM | 31 | 33 | Fill at Bench FF STA FF0+00 to FF4+00 |
| | 8:30 AM | 31 | 33 | Fill at Bench FF STA FF0+00 to FF4+00 |
| | 9:30 AM | 33 | 33 | Fill at Bench FF STA FF0+00 to FF4+00 |
| | 10:30 AM | 40 | 34 | Fill at Bench FF STA FF0+00 to FF4+00 |
| 11/22/2013 | 7:30 AM | 15 | 32 | Buttress fill between 9,650 and 9,750 |
| | 9:00 AM | 17 | 32 | Buttress fill between 9,650 and 9,750 |
| | 10:00 AM | 18 | 32 | Buttress fill between 9,650 and 9,750 |
| | 11:00 AM | 19 | 33 | Buttress fill between 9,650 and 9,750 |
| 12/2/2013 | 8:00 AM | 27 | 32 | ADR Haul Road STA 65+00 to STA 67+00 |
| | 9:00 AM | 29 | 33 | ADR Haul Road STA 65+00 to STA 67+00 |
| | 10:00 AM | 30 | 34 | ADR Haul Road STA 65+00 to STA 67+00 |
| | 11:00 AM | 32 | 36 | ADR Haul Road STA 65+00 to STA 67+00 |
| 12/3/2013 | 8:00 AM | 27 | 33 | ADR Haul Road STA 65+00 to STA 67+00 |
| | 9:00 AM | 29 | 34 | ADR Haul Road STA 65+00 to STA 67+00 |
| | 11:30 AM | 31 | 35 | ADR Haul Road STA 65+00 to STA 67+00 |
| | 12:30 PM | 35 | 36 | ADR Haul Road STA 65+00 to STA 67+00 |

Note:
Temperature data reporting will continue in the Phase 1 ROC Report

Table 2
Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Fill Temperature Monitoring Summary



| DATE | TIME OF TEST | AMBIENT TEMPERATURE (°F) | AVERAGE FILL TEMPERATURE (°F) | LOCATION |
|------------|--------------|--------------------------|-------------------------------|---------------------------|
| 12/4/2013 | 7:30 AM | 6 | 35 | VLF above old Hwy 67 |
| | 8:30 AM | 8 | 35 | VLF above old Hwy 67 |
| | 9:30 AM | 9 | 34 | VLF above old Hwy 67 |
| | 10:30 AM | 10 | 35 | VLF above old Hwy 67 |
| 12/6/2013 | 10:00 AM | 11 | 33 | VLF End of railroad track |
| | 11:00 AM | 14 | 35 | VLF End of railroad track |
| | 12:00 PM | 11 | 34 | VLF End of railroad track |
| | 1:00 PM | 13 | 35 | VLF End of railroad track |
| | 2:00 PM | 12 | 36 | VLF End of railroad track |
| | 3:00 PM | 10 | 33 | VLF End of railroad track |
| | 4:00 PM | 7 | 33 | VLF End of railroad track |
| | 5:00 PM | 6 | 34 | VLF End of railroad track |
| 12/7/2013 | 8:00 AM | 10 | 35 | Squaw Gulch Fill |
| | 9:40 AM | 12 | 35 | Squaw Gulch Fill |
| | 10:00 AM | 22 | 44 | Squaw Gulch Fill |
| | 11:00 AM | 22 | 39 | Squaw Gulch Fill |
| | 12:00 PM | 23 | 46 | Squaw Gulch Fill |
| | 1:00 PM | 22 | 42 | Squaw Gulch Fill |
| | 2:00 PM | 18 | 38 | Squaw Gulch Fill |
| | 3:00 PM | 15 | 40 | Squaw Gulch Fill |
| | 4:00 PM | 15 | 39 | Squaw Gulch Fill |
| | 5:00 PM | 13 | 41 | Squaw Gulch Fill |
| 12/9/2013 | 8:00 AM | 2 | 37 | Squaw Gulch Fill |
| | 9:00 AM | 3 | 39 | Squaw Gulch Fill |
| | 10:00 AM | 8 | 37 | Squaw Gulch Fill |
| | 11:00 AM | 10 | 39 | Squaw Gulch Fill |
| | 12:00 PM | 9 | 40 | Squaw Gulch Fill |
| | 1:00 PM | 9 | CODE 90 | Construction stopped |
| | 2:00 PM | 12 | 44 | Squaw Gulch Fill |
| | 3:00 PM | 13 | 37 | Squaw Gulch Fill |
| | 4:00 PM | 10 | 38 | Squaw Gulch Fill |
| | 5:00 PM | 8 | 38 | Squaw Gulch Fill |
| 12/10/2013 | 10:00 AM | 26 | 40 | Squaw Gulch Fill |
| | 11:00 AM | 28 | 38 | Squaw Gulch Fill |
| | 12:00 PM | 26 | 38 | Squaw Gulch Fill |
| | 1:00 PM | 27 | 39 | Squaw Gulch Fill |
| | 2:00 PM | 29 | 40 | Squaw Gulch Fill |
| | 3:00 PM | 28 | 41 | Squaw Gulch Fill |
| | 4:00 PM | 23 | 40 | Squaw Gulch Fill |

Note:
Temperature data reporting will continue in the Phase 1 ROC Report

Table 2
Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Fill Temperature Monitoring Summary



| DATE | TIME OF TEST | AMBIENT TEMPERATURE (°F) | AVERAGE FILL TEMPERATURE (°F) | LOCATION |
|------------|--------------|--------------------------|-------------------------------|--|
| 12/11/13 | 8:00 AM | 7 | 41 | Squaw Gulch Fill |
| | 9:00 AM | 7 | 38 | Squaw Gulch Fill |
| | 10:00 AM | 11 | 39 | Squaw Gulch Fill |
| | 11:00 AM | 18 | 42 | Squaw Gulch Fill |
| | 12:00 PM | 22 | 40 | Squaw Gulch Fill |
| | 1:00 PM | 25 | 39 | Squaw Gulch Fill |
| | 2:00 PM | 27 | 40 | Squaw Gulch Fill |
| | 3:00 PM | 29 | 41 | Squaw Gulch Fill |
| 12/12/13 | 4:00 PM | 28 | 39 | Squaw Gulch Fill |
| | 7:30 AM | 6 | 34 | Squaw Gulch Fill |
| | 8:30 AM | 8 | 38 | Squaw Gulch Fill |
| | 9:30 AM | 14 | 38 | Squaw Gulch Fill |
| 12/13/2013 | 10:30 AM | 24 | 35 | Squaw Gulch Fill |
| | 8:00 AM | 11 | 38 | Squaw Gulch Fill |
| | 9:00 AM | 13 | 36 | Squaw Gulch Fill |
| | 10:00 AM | 18 | 39 | Squaw Gulch Fill |
| | 11:00 AM | 25 | 36 | Squaw Gulch Fill |
| 12/16/2013 | 12:00 PM | 31 | 38 | Squaw Gulch Fill |
| | 7:30 AM | 26 | 35 | Squaw Gulch Fill |
| | 8:30 AM | 25 | 36 | Squaw Gulch Fill |
| | 9:30 AM | 25 | 38 | Squaw Gulch Fill |
| 12/17/2013 | 10:30 AM | 30 | 39 | Squaw Gulch Fill |
| | 8:00 AM | 20 | 38 | Squaw Gulch Fill |
| | 9:00 AM | 22 | 38 | Squaw Gulch Fill |
| 12/18/2013 | 10:00 AM | 30 | 41 | Squaw Gulch Fill |
| | 8:00 AM | 29 | 34 | Squaw Gulch Fill |
| 12/19/2013 | 9:00 AM | 32 | 35 | Squaw Gulch Fill |
| | 8:00 AM | 25 | 37 | Phase 2 Diversion Channel STA 30+00 to 31+50 |
| | 9:00 AM | 25 | 39 | Phase 2 Diversion Channel STA 30+00 to 31+50 |
| 12/20/2013 | 10:00 AM | 30 | 40 | Phase 2 Diversion Channel STA 30+00 to 31+50 |
| | 8:00 AM | 22 | 32 | Phase 2 Diversion Channel STA 31+50 |
| | 8:00 AM | 24 | 32 | ADR Haul Road STA 54+00 to 58+00 |
| | 9:00 AM | 26 | 33 | Phase 2 Diversion Channel STA 31+50 |
| | 9:00 AM | 27 | 33 | ADR Haul Road STA 54+00 to 58+00 |
| | 10:00 AM | 28 | 32 | Phase 2 Diversion Channel STA 31+50 |
| | 10:00 AM | 28 | 33 | ADR Haul Road STA 54+00 to 58+00 |
| | 11:00 AM | 29 | 32 | Phase 2 Diversion Channel STA 31+50 |
| 12/21/2013 | 11:00 AM | 30 | 32 | ADR Haul Road STA 54+00 to 58+00 |
| | 8:00 AM | 24 | 39 | Squaw Gulch Fill |
| 1/2/2014 | 9:00 AM | 29 | 38 | Squaw Gulch Fill |
| | 8:00 AM | 29 | 26 | Squaw Gulch Dump #4 |
| 1/3/2014 | 8:00 AM | 21 | 21 | Squaw Gulch Dump #4 |
| | 9:00 AM | 22 | 26 | Squaw Gulch Dump #4 |
| | 10:00 AM | 28 | 34 | Squaw Gulch Dump #4 |

Note:
Temperature data reporting will continue in the Phase 1 ROC Report

Table 2
Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Fill Temperature Monitoring Summary



| DATE | TIME OF TEST | AMBIENT TEMPERATURE (°F) | AVERAGE FILL TEMPERATURE (°F) | LOCATION |
|-----------|--------------|--------------------------|-------------------------------|----------------------|
| 1/4/2014 | 7:30 AM | 20 | 32 | Squaw Gulch Dump #4 |
| | 8:30 AM | 20 | 34 | Squaw Gulch Dump #4 |
| | 9:30 AM | 17 | 36 | Squaw Gulch Dump #4 |
| | 10:30 AM | 19 | 36 | Squaw Gulch Dump #4 |
| | 11:30 AM | 18 | 34 | Squaw Gulch Dump #4 |
| | 12:30 PM | - | - | Construction stopped |
| 1/7/2014 | 7:30 AM | 30 | 32 | Squaw Gulch Dump #4 |
| | 8:30 AM | 29 | 37 | Squaw Gulch Dump #4 |
| | 9:30 AM | 30 | 35 | Squaw Gulch Dump #4 |
| | 10:30 AM | 31 | 37 | Squaw Gulch Dump #4 |
| | 11:30 AM | 29 | 33 | Squaw Gulch Dump #4 |
| | 1:00 PM | 34 | 37 | Squaw Gulch Dump #4 |
| | 2:00 PM | 33 | 40 | Squaw Gulch Dump #4 |
| | 3:00 PM | 33 | 36 | Squaw Gulch Dump #4 |
| 1/8/2014 | 4:00 PM | 32 | 39 | Squaw Gulch Dump #4 |
| | 8:00 AM | 22 | 36 | Squaw Gulch Dump #4 |
| | 9:00 AM | 24 | 38 | Squaw Gulch Dump #4 |
| | 10:00 AM | 28 | 45 | Squaw Gulch Dump #4 |
| | 11:00 AM | 30 | 39 | Squaw Gulch Dump #4 |
| | 12:00 PM | 27 | 38 | Squaw Gulch Dump #4 |
| | 1:00 PM | 30 | 38 | Squaw Gulch Dump #4 |
| | 2:00 PM | 31 | 37 | Squaw Gulch Dump #4 |
| | 3:00 PM | 26 | 36 | Squaw Gulch Dump #4 |
| 1/9/2014 | 4:00 PM | 25 | 37 | Squaw Gulch Dump #4 |
| | 8:00 AM | 20 | 30 | Squaw Gulch Dump #4 |
| | 9:00 AM | 21 | 32 | Squaw Gulch Dump #4 |
| | 10:00 AM | 26 | 35 | Squaw Gulch Dump #4 |
| | 11:00 AM | 30 | 37 | Squaw Gulch Dump #4 |
| | 1:00 PM | 32 | 36 | Squaw Gulch Dump #4 |
| | 2:00 PM | 31 | 37 | Squaw Gulch Dump #4 |
| | 3:00 PM | 32 | 35 | Squaw Gulch Dump #4 |
| 1/10/2014 | 4:00 PM | 33 | 35 | Squaw Gulch Dump #4 |
| | 8:30 AM | 11 | 30 | Squaw Gulch Dump #4 |
| | 9:30 AM | 19 | 30 | Squaw Gulch Dump #4 |
| | 10:30 AM | 23 | 36 | Squaw Gulch Dump #4 |
| | 11:30 AM | 24 | 36 | Squaw Gulch Dump #4 |
| | 1:00 PM | 24 | 33 | Squaw Gulch Dump #4 |
| | 2:00 PM | 28 | 35 | Squaw Gulch Dump #4 |
| | 3:00 PM | 23 | 34 | Squaw Gulch Dump #4 |
| | 4:00 PM | 26 | 37 | Squaw Gulch Dump #4 |

Note:
Temperature data reporting will continue in the Phase 1 ROC Report

Table 2
Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Fill Temperature Monitoring Summary



| DATE | TIME OF TEST | AMBIENT TEMPERATURE (°F) | AVERAGE FILL TEMPERATURE (°F) | LOCATION |
|-----------|--------------|--------------------------|-------------------------------|-----------------------------|
| 1/13/2014 | 8:00 AM | 16 | 31 | Squaw Gulch Dump #4 |
| | 9:00 AM | 20 | 34 | Squaw Gulch Dump #4 |
| | 10:00 AM | 26 | 35 | Squaw Gulch Dump #4 |
| | 11:00 AM | 29 | 38 | Squaw Gulch Dump #4 |
| | 12:00 PM | 31 | 36 | Squaw Gulch Dump #4 |
| | 1:00 PM | 31 | 38 | Squaw Gulch Dump #4 |
| | 2:00 PM | 32 | 36 | Squaw Gulch Dump #4 |
| | 3:00 PM | 31 | 36 | Squaw Gulch Dump #4 |
| 1/14/2014 | 4:00 PM | 30 | 40 | Squaw Gulch Dump #4 |
| | 7:30 AM | 16 | 31 | Squaw Gulch Dump #4 |
| | 8:30 AM | 20 | 35 | Squaw Gulch Dump #4 |
| | 9:30 AM | 22 | 34 | Squaw Gulch Dump #4 |
| | 11:00 AM | 28 | 36 | Squaw Gulch Dump #4 |
| | 12:00 PM | 30 | 37 | Squaw Gulch Dump #4 |
| | 1:00 PM | 26 | 37 | Squaw Gulch Dump #4 |
| | 2:00 PM | 26 | 34 | Squaw Gulch Dump #4 |
| 1/15/2014 | 3:00 PM | 30 | 35 | Squaw Gulch Dump #4 |
| | 4:00 PM | 29 | 36 | Squaw Gulch Dump #4 |
| | 7:30 AM | 25 | 33 | Squaw Gulch Dump #4 |
| | 8:30 AM | 25 | 36 | Squaw Gulch Dump #4 |
| | 9:30 AM | 30 | 36 | Squaw Gulch Dump #4 |
| 1/16/2014 | 10:30 AM | 32 | 39 | Squaw Gulch Dump #4 |
| | 11:30 AM | 34 | 41 | Squaw Gulch Dump #4 |
| | 7:30 AM | 22 | 24 | Squaw Gulch Dump #4 |
| | 8:30 AM | 23 | 24 | Squaw Gulch Dump #4 |
| | 9:30 AM | 25 | 28 | Squaw Gulch Dump #4 |
| 1/17/2014 | 10:30 AM | 29 | 28 | Squaw Gulch Dump #4 |
| | 11:30 AM | 32 | 41 | Squaw Gulch Dump #4 |
| | 7:30 AM | 22 | 34 | Squaw Gulch Dump #4 |
| | 8:30 AM | 20 | 33 | Squaw Gulch Dump #4 |
| | 9:30 AM | 26 | 35 | Squaw Gulch Dump #4 |
| 1/20/2014 | 10:30 AM | 29 | 36 | Squaw Gulch Dump #4 |
| | 11:30 AM | 31 | 39 | Squaw Gulch Dump #4 |
| | 7:30 AM | 21 | 33 | Squaw Gulch Dump #4 |
| | 8:30 AM | 23 | 35 | Squaw Gulch Dump #4 |
| 1/21/2014 | 9:30 AM | 25 | 35 | Squaw Gulch Dump #4 |
| | 10:30 AM | 30 | 35 | Squaw Gulch Dump #4 |
| | 7:30 AM | 19 | 35 | Squaw Gulch Dump #4 |
| 1/22/2014 | 8:30 AM | 25 | 36 | Squaw Gulch Dump #4 |
| | 7:20 AM | 27 | 33 | Bench F STA F4+00 to F10+00 |
| 1/29/2014 | 8:30 AM | 32 | 33 | Bench F STA F4+00 to F10+00 |
| | 8:00 AM | 21 | 25 | Squaw Gulch Dump #4 |
| | 9:00 AM | 24 | 31 | Squaw Gulch Dump #4 |
| | 10:00 AM | 28 | 34 | Squaw Gulch Dump #4 |
| | 11:00 AM | 30 | 36 | Squaw Gulch Dump #4 |
| | 12:00 PM | 35 | 36 | Squaw Gulch Dump #4 |

Note:
Temperature data reporting will continue in the Phase 1 ROC Report

Table 2
Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Fill Temperature Monitoring Summary



| DATE | TIME OF TEST | AMBIENT TEMPERATURE (°F) | AVERAGE FILL TEMPERATURE (°F) | LOCATION |
|-----------|--------------|--------------------------|-------------------------------|---|
| 1/23/2014 | 9:00 AM | 11 | 32 | Between Bench E STA E1+00 and Bench C STA C6+00 |
| | 10:00 AM | 12 | 33 | Between Bench E STA E1+00 and Bench C STA C6+00 |
| | 11:00 AM | 13 | 32 | Between Bench E STA E1+00 and Bench C STA C6+00 |
| | 12:00 PM | 15 | 33 | Between Bench E STA E1+00 and Bench C STA C6+00 |
| | 1:00 PM | 18 | 32 | Between Bench E STA E1+00 and Bench C STA C6+00 |
| 1/27/2014 | 8:00 AM | 6 | 32 | Above Bench D STA DD0+00 to DD2+00 & Dump 4 |
| | 9:00 AM | 8 | 32 | Above Bench D STA DD0+00 to DD2+00 & Dump 4 |
| | 10:00 AM | 11 | 33 | Above Bench D STA DD0+00 to DD2+00 & Dump 4 |
| | 11:00 AM | 16 | 32 | Above Bench D STA DD0+00 to DD2+00 & Dump 4 |
| | 12:00 PM | 19 | 33 | Above Bench D STA DD0+00 to DD2+00 & Dump 4 |
| | 1:00 PM | 21 | 33 | Above Bench D STA DD0+00 to DD2+00 & Dump 4 |
| | 2:00 PM | 25 | 36 | Above Bench D STA DD0+00 to DD2+00 & Dump 4 |
| | 3:00 PM | 24 | 34 | Above Bench D STA DD0+00 to DD2+00 & Dump 4 |
| 1/28/2014 | 8:00 AM | 4 | 32 | ADR Haul Road STA 60+00 |
| | 9:00 AM | 9 | 32 | ADR Haul Road STA 60+00 |
| | 10:00 AM | 13 | 33 | ADR Haul Road STA 60+00 |
| | 11:00 AM | 16 | 32 | ADR Haul Road STA 60+00 |
| | 12:00 PM | 17 | 32 | ADR Haul Road STA 60+00 |
| | 1:00 PM | 18 | 32 | ADR Haul Road STA 60+00 |
| | 2:00 PM | 17 | 33 | ADR Haul Road STA 60+00 |
| | 3:00 PM | 16 | 34 | ADR Haul Road STA 60+00 |
| | 4:00 PM | 14 | | ADR Haul Road STA 60+00 |
| 1/30/2014 | 7:30 AM | 25 | 33 | Squaw Gulch Dump #4 |
| | 8:30 AM | 25 | 36 | Squaw Gulch Dump #4 |
| | 9:30 AM | 30 | 36 | Squaw Gulch Dump #4 |
| | 10:30 AM | 32 | 39 | Squaw Gulch Dump #4 |
| | 11:30 AM | 34 | 41 | Squaw Gulch Dump #4 |
| 2/3/2014 | 8:00 AM | 15 | 32 | Squaw Gulch Dump #4 |
| | 9:00 AM | 19 | 33 | Squaw Gulch Dump #4 |
| | 10:00 AM | 23 | 34 | Squaw Gulch Dump #4 |
| | 11:00 AM | 27 | 36 | Squaw Gulch Dump #4 |
| | 12:00 PM | 29 | 35 | Squaw Gulch Dump #4 |
| | 1:00 PM | 31 | 37 | Squaw Gulch Dump #4 |
| | 2:00 PM | 28 | 37 | Squaw Gulch Dump #4 |
| | 3:00 PM | 25 | 36 | Squaw Gulch Dump #4 |
| | 4:00 PM | 23 | 35 | Squaw Gulch Dump #4 |
| 2/5/2014 | 8:00 AM | 0 | 32 | Bench E STA E2+00 to E6+00 |
| | 9:00 AM | 3 | 32 | Bench E STA E2+00 to E6+00 |
| | 10:00 AM | 7 | 33 | Bench E STA E2+00 to E6+00 |
| | 11:00 AM | 10 | 35 | Bench E STA E2+00 to E6+00 |
| | 12:00 PM | 14 | 34 | Bench E STA E2+00 to E6+00 |
| | 1:00 AM | 15 | 34 | Bench E STA E2+00 to E6+00 |
| | 2:00 AM | 14 | 34 | Bench E STA E2+00 to E6+00 |
| | 3:00 AM | 14 | 34 | Bench E STA E2+00 to E6+00 |

Note:
Temperature data reporting will continue in the Phase 1 ROC Report

Table 2
Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Fill Temperature Monitoring Summary



| DATE | TIME OF TEST | AMBIENT TEMPERATURE (°F) | AVERAGE FILL TEMPERATURE (°F) | LOCATION |
|-----------|--------------|--------------------------|-------------------------------|--|
| 2/6/2014 | 8:00 AM | 8 | 33 | Buttress fill |
| | 9:00 AM | 11 | 33 | Buttress fill |
| | 10:00 AM | 15 | 34 | Buttress fill |
| | 11:00 AM | 18 | 36 | Buttress fill |
| | 12:00 PM | 22 | 35 | Buttress fill |
| | 1:00 PM | 26 | 37 | Buttress fill |
| | 2:00 PM | 25 | 36 | ADR Haul Road STA 21+00 to 22+00 |
| | 3:00 PM | 25 | 39 | ADR Haul Road STA 21+00 to 22+00 |
| | 4:00 PM | 24 | 40 | ADR Haul Road STA 21+00 to 22+00 |
| 2/7/2014 | 8:00 AM | 14 | 33 | Squaw Gulch Dump #4 |
| | 9:00 AM | 15 | 36 | Squaw Gulch Dump #4 |
| | 10:00 AM | 22 | 49 | Squaw Gulch Dump #4 |
| | 11:00 AM | 25 | 38 | Squaw Gulch Dump #4 |
| | 12:00 PM | 28 | 39 | Squaw Gulch Dump #4 |
| | 1:00 PM | 31 | 43 | Squaw Gulch Dump #4 |
| | 2:00 PM | 27 | 38 | Squaw Gulch Dump #4 |
| | 3:00 PM | 30 | 38 | Squaw Gulch Dump #4 |
| | 4:00 PM | 28 | 38 | Squaw Gulch Dump #4 |
| 2/8/2014 | 9:50 AM | 26 | 35 | Squaw Gulch Dump #4 |
| | 11:10 AM | 27 | 36 | Squaw Gulch Dump #4 |
| 2/10/2014 | 8:00 AM | 20 | 32 | PSSA western sliver fill & buttress fill |
| | 9:00 AM | 21 | 32 | PSSA western sliver fill & buttress fill |
| | 10:00 AM | 22 | 32 | PSSA western sliver fill & buttress fill |
| | 11:00 AM | 24 | 33 | PSSA western sliver fill & buttress fill |
| | 12:00 PM | 26 | 33 | PSSA western sliver fill & buttress fill |
| | 1:00 PM | 29 | 34 | PSSA western sliver fill & buttress fill |
| | 2:00 AM | 32 | 34 | PSSA western sliver fill & buttress fill |
| 2/11/2014 | 8:00 AM | 19 | 32 | Squaw Gulch Dump #4 |
| | 9:00 AM | 23 | 32 | Squaw Gulch Dump #4 |
| | 10:00 AM | 25 | 32 | Squaw Gulch Dump #4 |
| | 11:00 AM | 27 | 35 | Squaw Gulch Dump #4 |
| | 12:00 PM | 29 | 36 | Squaw Gulch Dump #4 |
| | 1:00 PM | 31 | 34 | Squaw Gulch Dump #4 |
| | 2:00 PM | 35 | 38 | Squaw Gulch Dump #4 |
| | 3:00 PM | 37 | 39 | Squaw Gulch Dump #4 |
| | 4:00 PM | 34 | 38 | Squaw Gulch Dump #4 |
| 2/12/2014 | 7:30 AM | 31 | 40 | Bench C STA C6+00 at 9,420' |
| | 8:00 AM | 32 | 40 | Bench C STA C6+00 at 9,420' |
| | 8:00 AM | 17 | 32 | Squaw Gulch Dump #4 |
| | 9:00 AM | 34 | 40 | Bench C STA C6+00 at 9,423' |
| | 9:00 AM | 20 | 33 | Squaw Gulch Dump #4 |
| | 10:00 AM | 24 | 29 | Squaw Gulch Dump #4 |
| | 11:00 AM | 27 | 32 | Squaw Gulch Dump #4 |
| | 11:30 AM | 36 | 33 | Bench C STA C6+00 at 9,423' |

Note:
Temperature data reporting will continue in the Phase 1 ROC Report

Table 2
Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Fill Temperature Monitoring Summary



| DATE | TIME OF TEST | AMBIENT TEMPERATURE (°F) | AVERAGE FILL TEMPERATURE (°F) | LOCATION |
|-----------|--------------|--------------------------|-------------------------------|--|
| 2/13/2014 | 7:45 AM | 28 | 33 | Bench D STA DD4+50 to DD5+00 at 9,650' |
| | 8:00 AM | 29 | 35 | Bench D STA DD4+50 to DD5+00 at 9,650' |
| | 8:30 AM | 30 | 35 | Bench C STA C5+00 to C7+00 at 9,428' |
| | 9:30 AM | 33 | 36 | Bench D STA DD4+50 to DD5+00 at 9,650' |
| 2/17/2014 | 7:50 AM | 28 | 34 | Bench FF STA FF0+00 at 9,625' |
| | 8:10 AM | 29 | 35 | Bench C STA C+600 at 9,550' |
| | 9:00 AM | 33 | 34 | Bench F STA 1+00 at 9,600' |
| 2/18/2014 | 8:05 AM | 28 | 33 | PSSA Embankment fill |
| | 9:00 AM | 30 | 33 | PSSA Embankment fill |
| | 10:15 AM | 33 | 34 | PSSA Embankment fill |
| 2/20/2014 | 8:00 AM | 13 | 32 | ADR Haul Road STA 51+00 to 56+00 |
| | 8:00 AM | 8 | 33 | Dump #4 Diversion channel fill |
| | 9:00 AM | 14 | 32 | ADR Haul Road STA 51+00 to 56+00 |
| | 9:30 AM | 8 | 34 | Dump #4 Diversion channel fill |
| | 10:00 AM | 16 | 35 | ADR Haul Road STA 51+00 to 56+00 |
| | 11:00 AM | 18 | 35 | ADR Haul Road STA 51+00 to 56+00 |
| | 12:00 PM | 20 | 34 | ADR Haul Road STA 51+00 to 56+00 |
| | 1:00 PM | 22 | 37 | ADR Haul Road STA 51+00 to 56+00 |
| | 2:00 PM | 27 | 38 | ADR Haul Road STA 51+00 to 56+00 |
| | 3:00 PM | 28 | 38 | ADR Haul Road STA 51+00 to 56+00 |
| | 4:00 PM | 26 | 38 | ADR Haul Road STA 51+00 to 56+00 |
| 2/21/2014 | 8:00 AM | 20 | 32 | ADR Haul Road STA 51+00 to 54+00 |
| | 9:00 AM | 22 | 32 | ADR Haul Road STA 51+00 to 54+00 |
| | 10:00 AM | 26 | 34 | ADR Haul Road STA 51+00 to 54+00 |
| | 11:00 AM | 30 | 40 | ADR Haul Road STA 51+00 to 54+00 |
| 2/22/2014 | 8:00 AM | 23 | 32 | ADR Haul Road STA 51+00 to 53+00 |
| | 9:00 AM | 22 | 33 | ADR Haul Road STA 51+00 to 53+00 |
| | 10:00 AM | 24 | 42 | ADR Haul Road STA 51+00 to 53+00 |
| | 11:00 AM | 29 | 41 | ADR Haul Road STA 51+00 to 53+00 |
| 2/24/2014 | 9:30 AM | 27 | 35 | Bench FF STA FF0+00 to FF2+00 |
| 3/1/2014 | 8:00 AM | 25 | 32 | ADR Haul Road STA 49+00 to STA 53+00 |
| | 9:00 AM | 27 | 32 | ADR Haul Road STA 49+00 to STA 53+00 |
| | 10:00 AM | 28 | 32 | ADR Haul Road STA 49+00 to STA 53+00 |
| | 11:00 AM | 29 | 33 | ADR Haul Road STA 49+00 to STA 53+00 |
| | 12:00 PM | 29 | 32 | ADR Haul Road STA 49+00 to STA 53+00 |
| | 1:00 PM | 30 | 33 | ADR Haul Road STA 49+00 to STA 53+00 |
| | 2:30 PM | 31 | 33 | ADR Haul Road STA 49+00 to STA 53+00 |
| 3/7/2014 | 1:10 PM | 28 | 35 | Squaw Gulch Fill |
| | 2:15 PM | 29 | 35 | Squaw Gulch Fill |
| 3/11/2014 | 9:15 AM | 20 | 35 | Squaw Gulch Fill |
| | 10:20 AM | 21 | 34 | Squaw Gulch Fill |
| | 11:00 AM | 23 | 34 | Squaw Gulch Fill |
| | 1:20 PM | 28 | 34 | Squaw Gulch Fill |
| | 2:20 PM | 30 | 34 | Squaw Gulch Fill |

Note:
Temperature data reporting will continue in the Phase 1 ROC Report

Table 2
Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Fill Temperature Monitoring Summary



| DATE | TIME OF TEST | AMBIENT TEMPERATURE (°F) | AVERAGE FILL TEMPERATURE (°F) | LOCATION |
|-----------|--------------|--------------------------|-------------------------------|--------------------------------------|
| 3/12/2014 | 9:00 AM | 12 | 34 | Squaw Gulch Fill |
| | 10:15 AM | 14 | 35 | Squaw Gulch Fill |
| | 11:10 AM | 17 | 37 | Squaw Gulch Fill |
| | 12:35 PM | 30 | 39 | Squaw Gulch Fill |
| 3/18/2014 | 9:15 AM | 22 | 34 | Squaw Gulch Fill |
| | 10:10 AM | 26 | 35 | Squaw Gulch Fill |
| 3/22/2014 | 8:40 AM | 17 | 35 | Squaw Gulch Fill |
| | 9:30 AM | 18 | 36 | Squaw Gulch Fill |
| | 10:20 AM | 20 | 35 | Squaw Gulch Fill |
| | 11:20 AM | 22 | 37 | Squaw Gulch Fill |
| 3/24/2014 | 9:40 AM | 30 | 38 | Squaw Gulch Fill |
| | 10:20 AM | 37 | 39 | Squaw Gulch Fill |
| | 11:20 AM | 42 | 40 | Squaw Gulch Fill |
| 3/27/2014 | 8:00 AM | 23 | 32 | Bench H STA H+23+00 to H30+00 |
| | 9:00 AM | 23 | 32 | Bench H STA H+23+00 to H30+00 |
| | 10:00 AM | 23 | 32 | Bench H STA H+23+00 to H30+00 |
| | 11:00 AM | 24 | 32 | Bench H STA H+23+00 to H30+00 |
| | 12:00 PM | 24 | 33 | Bench H STA H+23+00 to H30+00 |
| | 1:00 PM | 25 | 33 | Bench H STA H+23+00 to H30+00 |
| | 2:30 PM | 26 | 33 | Bench H STA H+23+00 to H30+00 |
| 4/4/2014 | 7:20 AM | 24 | 36 | Squaw Gulch Fill |
| | 8:43 AM | 26 | 37 | Squaw Gulch Fill |
| 4/7/2014 | 7:40 AM | 23 | 35 | Squaw Gulch Fill |
| | 9:15 AM | 25 | 36 | Squaw Gulch Fill |
| | 10:10 AM | 27 | 36 | Squaw Gulch Fill |
| 10/2/2014 | 8:00 AM | 31 | 39 | LVSCF Fill Material-NW Side |
| | 9:00 AM | 33 | 40 | LVSCF Fill Material-NW Side |
| 10/3/2014 | 10:30 PM | 34 | 41 | LVSCF Fill near Panels S320 to S323 |
| | 11:30 PM | 33 | 40 | LVSCF Fill near Panels S320 to S323 |
| 10/4/2014 | 1:00 AM | 34 | 40 | LVSCF Fill near Panels S320 to S323 |
| | 2:00 AM | 32 | 39 | LVSCF Fill near Panels S320 to S323 |
| | 4:00 AM | 31 | 41 | LVSCF Fill near Panels S320 to S323 |
| | 5:00 AM | 30 | 40 | LVSCF Fill near Panels S320 to S323 |
| | 7:30 AM | 25 | 42 | ADR Haul Road STA 85+50 to STA 88+50 |
| | 8:30 AM | 30 | 45 | ADR Haul Road STA 85+50 to STA 88+50 |
| | 9:30 AM | 34 | 43 | ADR Haul Road STA 85+50 to STA 88+50 |
| | 10:30 AM | 34 | 41 | ADR Haul Road STA 85+50 to STA 88+50 |
| | 11:30 AM | 35 | 45 | ADR Haul Road STA 85+50 to STA 88+50 |
| | 12:30 PM | 37 | 48 | ADR Haul Road STA 85+50 to STA 88+50 |
| | 1:30 PM | 44 | 48 | ADR Haul Road STA 85+50 to STA 88+50 |
| | 2:30 PM | 48 | 47 | ADR Haul Road STA 85+50 to STA 88+50 |
| | 3:30 PM | 48 | 45 | ADR Haul Road STA 85+50 to STA 88+50 |
| 10/5/2014 | 8:00 PM | 50 | 45 | ADR Haul Road STA 85+50 to STA 88+50 |
| | 11:00 PM | 48 | 46 | ADR Haul Road STA 85+50 to STA 88+50 |

Note:
Temperature data reporting will continue in the Phase 1 ROC Report

Table 2
Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Fill Temperature Monitoring Summary



| DATE | TIME OF TEST | AMBIENT TEMPERATURE (°F) | AVERAGE FILL TEMPERATURE (°F) | LOCATION |
|------------|--------------|--------------------------|-------------------------------|--------------------------------------|
| 10/6/2014 | 1:00 AM | 47 | 47 | ADR Haul Road STA 85+50 to STA 88+50 |
| | 3:00 AM | 45 | 48 | ADR Haul Road STA 85+50 to STA 88+50 |
| | 5:00 AM | 34 | 45 | ADR Haul Road STA 85+50 to STA 88+50 |
| | 11:30 AM | 42 | 44 | ADR Haul Road STA 85+50 to STA 88+50 |
| | 12:30 PM | 44 | 46 | ADR Haul Road STA 85+50 to STA 88+50 |
| | 1:30 PM | 48 | 45 | ADR Haul Road STA 85+50 to STA 88+50 |
| | 2:30 PM | 50 | 50 | ADR Haul Road STA 85+50 to STA 88+50 |
| | 3:30 PM | 52 | 56 | ADR Haul Road STA 85+50 to STA 88+50 |
| | 4:30 PM | 56 | 55 | ADR Haul Road STA 85+50 to STA 88+50 |
| | 5:00 PM | 52 | 54 | ADR Haul Road STA 85+50 to STA 88+50 |
| 10/7/14 | 7:30 AM | 25 | 36 | ADR Haul Road STA 87+00 to STA 88+50 |
| | 8:30 AM | 27 | 35 | ADR Haul Road STA 87+00 to STA 88+50 |
| 10/13/2014 | 6:00 PM | 38 | - | Phase 2 - ADR Haul Road |
| | 7:00 PM | 38 | - | Phase 2 - ADR Haul Road |
| | 8:00 PM | 37 | - | Phase 2 - ADR Haul Road |
| | 9:00 PM | 34 | - | Phase 2 - ADR Haul Road |
| | 10:00 PM | 34 | - | Phase 2 - ADR Haul Road |
| | 11:00 PM | 30 | 38 | Phase 2 - ADR Haul Road |
| | 12:00 AM | 27 | 38 | Phase 2 - ADR Haul Road |
| | 1:00 AM | 32 | 38 | Phase 2 - ADR Haul Road |
| | 2:00 AM | 36 | - | Phase 2 - ADR Haul Road |
| | 3:00 AM | 38 | - | Phase 2 - ADR Haul Road |
| | 4:00 AM | 34 | - | Phase 2 - ADR Haul Road |
| | 5:00 AM | 36 | - | Phase 2 - ADR Haul Road |
| | 6:00 AM | 36 | - | Phase 2 - ADR Haul Road |
| 10/14/2014 | 7:00 PM | 44 | - | STA K36+00 to STA K40+00 |
| | 8:00 PM | 43 | - | STA K36+00 to STA K40+00 |
| | 9:00 PM | 44 | - | STA K36+00 to STA K40+00 |
| | 10:00 PM | 43 | - | STA K36+00 to STA K40+00 |
| | 11:00 PM | 37 | - | STA K36+00 to STA K40+00 |
| | 12:00 AM | 39 | - | STA K36+00 to STA K40+00 |
| | 1:00 AM | 39 | - | STA K36+00 to STA K40+00 |
| | 2:00 AM | 36 | - | STA K36+00 to STA K40+00 |
| | 3:00 AM | 37 | - | STA K36+00 to STA K40+00 |
| | 4:00 AM | 37 | - | STA K36+00 to STA K40+00 |
| | 5:00 AM | 37 | - | STA K36+00 to STA K40+00 |
| | 6:00 AM | 38 | - | STA K36+00 to STA K40+00 |
| 10/28/2014 | 1:00 AM | 38 | - | STA 75+00 |
| | 2:00 AM | 36 | - | STA 75+00 |
| | 3:00 AM | 36 | - | STA 75+00 |
| | 4:00 AM | 34 | - | STA 75+00 |
| | 5:00 AM | 28 | 36 | STA 75+00 |
| 10/29/2014 | 11:00 PM | 47 | - | STA 70+00 to STA 75+00 |
| | 12:00 AM | 45 | - | STA 70+00 to STA 75+00 |
| | 1:00 AM | 45 | - | STA 70+00 to STA 75+00 |
| | 2:00 AM | 43 | - | STA 70+00 to STA 75+00 |
| | 3:00 AM | 38 | - | STA 70+00 to STA 75+00 |
| | 4:00 AM | 34 | - | STA 70+00 to STA 75+00 |
| | 5:00 AM | 34 | - | STA 70+00 to STA 75+00 |

Note:
Temperature data reporting will continue in the Phase 1 ROC Report

Table 2
Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Fill Temperature Monitoring Summary



| DATE | TIME OF TEST | AMBIENT TEMPERATURE (°F) | AVERAGE FILL TEMPERATURE (°F) | LOCATION |
|------------|--------------|--------------------------|-------------------------------|---|
| 10/30/2014 | 11:00 PM | 45 | - | STA 70+00 to STA 75+00 |
| | 12:00 AM | 44 | - | STA 70+00 to STA 75+00 |
| | 1:00 AM | 40 | - | STA 70+00 to STA 75+00 |
| | 2:00 AM | 37 | - | STA 70+00 to STA 75+00 |
| | 3:00 AM | 36 | - | STA 70+00 to STA 75+00 |
| | 4:00 AM | 34 | - | STA 70+00 to STA 75+00 |
| | 5:00 AM | 30 | 37 | STA 70+00 to STA 75+00 |
| 10/31/14 | 11:00 PM | 52 | - | STA 70+00 to STA 75+00 |
| | 2:00 AM | 46 | - | STA 70+00 to STA 75+00 |
| | 4:00 AM | 30 | - | STA 70+00 to STA 75+00 |
| | 5:00 AM | 32 | - | STA 70+00 to STA 75+00 |
| 11/3/14 | 6:45 AM | 52 | - | STA 35+00 to STA 49+00 |
| | 7:30 AM | 46 | - | STA 35+00 to STA 49+00 |
| | 8:25 AM | 30 | - | STA 35+00 to STA 49+00 |
| | 9:40 AM | 52 | - | STA 35+00 to STA 49+00 |
| | 10:30 AM | 46 | - | STA K38+00 |
| | 11:30 AM | 30 | - | STA K38+00 |
| 11/5/2014 | 8:40 AM | 34 | 38 | ADR Haul Road STA 60+00 |
| | 9:40 AM | 38 | 38 | ADR Haul Road STA 60+00 |
| 11/7/14 | 7:30 AM | 25 | 42 | Ball Mill Haul Road Site |
| | 8:00 AM | 41 | 44 | Dump 4 Waste Area |
| | 8:30 AM | 34 | 44 | Ball Mill Haul Road Site |
| | 9:30 AM | 37 | 44 | Ball Mill Haul Road Site |
| 11/10/14 | 7:00 AM | 46 | - | Above bench 9850 |
| | 9:00 PM | 34 | 41 | Phase 2- Haul Road STA 75+00 to STA 73+00 |
| | 10:00 PM | 32 | 41 | Phase 2- Haul Road STA 75+00 to STA 73+00 |
| | 11:00 PM | 28 | 41 | Phase 2- Haul Road STA 75+00 to STA 73+00 |
| | 12:00 AM | 28 | 41 | Phase 2- Haul Road STA 75+00 to STA 73+00 |
| | 1:00 AM | 21 | 39 | Phase 2- Haul Road STA 75+00 to STA 73+00 |
| | 2:00 AM | 20 | 40 | Phase 2- Haul Road STA 75+00 to STA 73+00 |
| | 3:00 AM | 21 | 39 | Phase 2- Haul Road STA 75+00 to STA 73+00 |
| | 4:00 AM | 21 | 38 | Phase 2- Haul Road STA 75+00 to STA 73+00 |
| | 5:00 AM | 18 | 40 | Phase 2- Haul Road STA 75+00 to STA 73+00 |
| 11/11/14 | 7:00 AM | 9 | 31 | Dump 4 Waste Area |
| | 8:00 AM | 13 | 33 | Dump 4 Waste Area |
| | 9:00 AM | 28 | 41 | Dump 4 Waste Area |
| | 10:00 AM | 33 | 40 | ADR Haul Road between STA 20+00 and STA 25+00 |
| | 11:00 AM | 37 | 42 | ADR Haul Road between STA 20+00 and STA 25+00 |
| | 12:00 PM | 40 | - | ADR Haul Road between STA 20+00 and STA 25+00 |
| | 7:00 PM | 14 | 41 | Phase 2- Haul Road STA 75+00 to STA 73+00 |
| | 8:00 PM | 10 | 40 | Phase 2- Haul Road STA 75+00 to STA 73+00 |
| | 9:00 PM | 8 | 39 | Phase 2- Haul Road STA 75+00 to STA 73+00 |
| | 10:00 PM | 2 | 39 | Phase 2- Haul Road STA 75+00 to STA 73+00 |
| | 11:00 PM | 0 | 39 | Phase 2- Haul Road STA 75+00 to STA 73+00 |
| | 12:00 AM | 0 | 39 | Phase 2- Haul Road STA 75+00 to STA 73+00 |
| | 1:00 AM | -1 | 39 | Phase 2- Haul Road STA 75+00 to STA 73+00 |
| | 2:00 AM | -4 | 39 | Phase 2- Haul Road STA 75+00 to STA 73+00 |
| | 3:00 AM | -6 | 39 | Phase 2- Haul Road STA 75+00 to STA 73+00 |
| | 4:00 AM | -7 | 38 | Phase 2- Haul Road STA 75+00 to STA 73+00 |

Note:
Temperature data reporting will continue in the Phase 1 ROC Report

Table 2
Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Fill Temperature Monitoring Summary



| DATE | TIME OF TEST | AMBIENT TEMPERATURE (°F) | AVERAGE FILL TEMPERATURE (°F) | LOCATION |
|------------|--------------|--------------------------|-------------------------------|---|
| 11/12/14 | 5:00 AM | -8 | 40 | Phase 2- Haul Road STA 75+00 to STA 73+00 |
| | 8:00 AM | -1 | 40 | Dump 4 Waste Area |
| | 9:00 PM | -9 | 50 | Haul Road STA 75+00 to STA 72+00 |
| | 10:00 PM | -9 | 49 | Haul Road STA 75+00 to STA 72+00 |
| | 11:00 PM | -10 | 50 | Haul Road STA 75+00 to STA 72+00 |
| | 12:00 AM | -10 | 49 | Haul Road STA 75+00 to STA 72+00 |
| | 1:00 AM | -10 | 48 | Haul Road STA 75+00 to STA 72+00 |
| | 2:00 AM | -11 | 48 | Haul Road STA 75+00 to STA 72+00 |
| | 3:00 AM | -12 | 46 | Haul Road STA 75+00 to STA 72+00 |
| | 4:00 AM | -12 | 47 | Haul Road STA 75+00 to STA 72+00 |
| | 5:00 AM | -4 | 48 | Haul Road STA 75+00 to STA 72+00 |
| 11/13/2014 | 8:00 AM | 16 | 42 | Haul Road STA 72+00 tp STA 75+00 |
| | 9:00 AM | 18 | 40 | Haul Road STA 72+00 tp STA 75+00 |
| | 10:00 AM | 22 | 43 | Haul Road STA 72+00 tp STA 75+00 |
| | 11:00 AM | 26 | 46 | Haul Road STA 72+00 tp STA 75+00 |
| | 1:00 PM | 34 | - | Haul Road STA 72+00 tp STA 75+00 |
| | 4:00 PM | 33 | - | Haul Road STA 72+00 tp STA 75+00 |
| | 9:00 PM | 25 | 40 | Haul Road STA 73+00 to STA 68+00 |
| | 10:00 PM | 24 | 40 | Haul Road STA 73+00 to STA 68+00 |
| | 11:00 PM | 10 | 39 | Haul Road STA 73+00 to STA 68+00 |
| | 12:00 AM | 8 | 38 | Haul Road STA 73+00 to STA 68+00 |
| | 1:00 AM | 9 | 38 | Haul Road STA 73+00 to STA 68+00 |
| | 2:00 AM | 14 | 36 | Haul Road STA 73+00 to STA 68+00 |
| | 3:00 AM | 19 | 35 | Haul Road STA 73+00 to STA 68+00 |
| | 4:00 AM | 20 | 37 | Haul Road STA 73+00 to STA 68+00 |
| | 5:00 AM | 21 | 37 | Haul Road STA 73+00 to STA 68+00 |
| | 8:00 AM | 25 | 38 | Dump 4 Waste Area |
| | 9:00 AM | 27 | 40 | Dump 4 Waste Area |
| | 10:00 AM | 31 | 45 | Dump 4 Waste Area |
| | 11:00 AM | 33 | 48 | Dump 4 Waste Area |
| 11/14/2014 | 8:00 PM | 34 | - | Haul Road STA 75+00 to STA 73+00 |
| | 9:00 PM | 32 | 40 | Haul Road STA 75+00 to STA 73+00 |
| | 10:00 PM | 30 | 41 | Haul Road STA 75+00 to STA 73+00 |
| | 11:00 PM | 26 | 41 | Haul Road STA 75+00 to STA 73+00 |
| | 12:00 AM | 28 | 39 | Haul Road STA 75+00 to STA 73+00 |
| | 1:00 AM | 29 | 39 | Haul Road STA 75+00 to STA 73+00 |
| | 2:00 AM | 21 | 39 | Haul Road STA 75+00 to STA 73+00 |
| | 3:00 AM | 21 | 37 | Haul Road STA 75+00 to STA 73+00 |
| | 4:00 AM | 20 | 38 | Haul Road STA 75+00 to STA 73+00 |
| | 5:00 AM | 14 | 38 | Haul Road STA 75+00 to STA 73+00 |

Note:
Temperature data reporting will continue in the Phase 1 ROC Report

Table 3
Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Summary of Earthworks Material Specifications



| MATERIAL | PLASTICITY INDEX | PERMEABILITY (cm/sec) | GRAIN SIZE DISTRIBUTION | | POINT LOAD TENSILE STRENGTH (psi) |
|---|------------------|------------------------------|--|--------------------------------------|-----------------------------------|
| | | | SIEVE SIZE | PERCENT PASSING | |
| Structural Fill (SF) | 30 Maximum | - | 24 inch No. 200 | 100 0-25 | - |
| Select Structural Fill (SSF) | Non-Plastic | - | 3 inch | 100 | - |
| Leak Detection Fill (LDF) | Non-Plastic | - | 3/4 inch 3/8 inch No. 4 No. 40 No. 200 | 100 40-70 5-50 0-20 0-10 | - |
| Underdrain Fill (UF) | Non-Plastic | - | 12 inch No. 200 | 100 0-6 | > 300 |
| Soil Liner Fill (SLF) | 10 Minimum | 1.0x10 ⁻⁶ maximum | 2 inch No. 200 | 100 15-65 | - |
| Low Volume Solution Collection Fill (LVSCF) | Non-Plastic | - | 1 inch 3/8 inch No. 4 No. 200 | 100 40-70 5-55 0-10 | - |
| Drain Cover Fill (DCF) | Non-Plastic | - | 1 1/2 inch 3/4 inch No. 4 No. 200 | 100 70-100 5-50 0-8 | - |
| Coarse Shaft Backfill (CSB) | 20 Maximum | - | 12 inch No. 200 | 100 0-15 | - |

Table 4
Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
CQA Earthworks Testing Summary & Testing Frequency



| MATERIAL QUANTITY NUMBER OF TESTS TEST FREQUENCY | MATERIAL FILL | | | | | | |
|--|----------------------------|---------------------------------------|------------------------------------|----------------------------|-----------------------------|---|------------------------------|
| | STRUCTURAL FILL (SF) | SELECT STRUCTURAL FILL (SSF) | LEAK DETECTION FILL (LDF) | UNDERDRAIN FILL (UF) | SOIL LINER FILL (SLF) | LOW VOLUME SOLUTION COLLECTION FILL (LVSCF) | DRAIN COVER FILL (DCF) |
| Quantity of Material Placed (CY) | 1,951,986 | 7,100 | 1,814 | 1,351 | 53,074 | 158,772 | 119,747 |
| Sieve Tests Performed | 47 | 2 | 1 | 4 | 19 | 27 | 12 |
| Specified Sieve Test Frequency | 50,000 | 50,000 | 10,000 | 5,000 | 4,000 | 10,000 | 20,000 |
| Actual Sieve Test Frequency | 41,532 | 3,550 | 1,814 | 338 | 2,793 | 5,880 | 9,979 |
| Atterberg Limit Tests Performed | 47 | 2 | 1 | 4 | 19 | 27 | 12 |
| Specified Atterberg Limit Test Frequency | 50,000 | 50,000 | 10,000 | 5,000 | 4,000 | 10,000 | 20,000 |
| Actual Atterberg Limit Test Frequency | 41,532 | 3,550 | 1,814 | 338 | 2,793 | 5,880 | 9,979 |
| Proctor Compaction Tests Performed | See Note 1 | See Note 2 | - | - | 19 | - | - |
| Specified Compaction Tests Frequency | - | - | - | - | 4,000 | - | - |
| Actual Compaction Test Frequency | - | - | - | - | 2,793 | - | - |
| Permeability Tests Performed | - | - | - | - | 19 | - | - |
| Specified Permeability Test Frequency | - | - | - | - | 4,000 | - | - |
| Actual Permeability Test Frequency | - | - | - | - | 2,793 | - | - |
| Percent Moisture Tests Performed | See Note 1 | 2 | 1 | 3 | 175 | 27 | 12 |
| Specified Percent Moisture Test Frequency | - | 2,000 | 10,000 | 5,000 | 500 | 10,000 | 20,000 |
| Actual Percent Moisture Test Frequency | - | 3,550 | 1,814 | 450 | 303 | 5,880 | 9,979 |
| Field Density Tests Performed | See Note 1 | See Note 2 | - | - | 175 | 4 | - |
| Specified Field Density Test Frequency | - | - | - | - | 500 | - | - |
| Actual Field Density Test Frequency | - | - | - | - | 303 | - | - |
| Depth Check Tests Performed | - | - | - | - | 109 | - | - |
| Specified Depth Check Test Frequency | - | - | - | - | 2.0 test/acre | - | - |
| Actual Depth Check Test Frequency | - | - | - | - | 3.3 tests/acre | - | - |

Notes:

1. SF was not tested for density & moisture due to large particle size. The method of compaction technique was used in accordance with the project technical specifications.
2. SSF was used only as part of the underdrain system within the PSSA (See IFC Drawing A250).

Table 5
Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
CQA Earthworks Laboratory Testing Summary - Structural Fill



| SAMPLE NUMBER | DATE TESTED | LOCATION | ELEV. (feet) | NATURAL MOISTURE (%) | GRAIN SIZE DISTRIBUTION (PERCENT PASSING) | | | | | | | | | | | | | | | | | ATTERBERG LIMITS | | | MOISTURE/DENSITY | | | |
|------------------|----------------|--|-----------------|----------------------------|---|---------|-------|-------|------|------|------|------|-------|-------|--------|------|-------|-------|--------|--------|---------|------------------|------------------------|------------------|------------------|------------------------------------|----------------------------|------|
| | | | | | 24.0" | 18.0" | 12.0" | 4.0" | 3.0" | 2.0" | 1.5" | 1.0" | 0.75" | 0.50" | 0.375" | No.4 | No.10 | No.20 | No. 40 | No. 50 | No. 100 | No. 200 | PLASTIC INDEX: 30 MAX. | | | MAXIMUM DRY DENSITY (pcf) | OPTIMUM MOISTURE (%) | |
| | | | | | SPECIFICATION PERCENT PASSING) | | | | | | | | | | | | | | | | | LIQUID LIMIT | PLASTIC LIMIT | PLASTIC INDEX | | | | |
| | | | | | 100 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | - | | | 0-25 |
| SF-1-R | 4/4/2013 | Bottom of Squaw (material removed) | - | - | 100.0 | - | - | - | - | - | 96.5 | 92.6 | - | 74.9 | - | 48.8 | 40.6 | - | - | 24.0 | - | - | 17.4 | 28 | 17 | 12 | 134.5 | 7.6 |
| SF-2-R | 4/4/2013 | Bottom of Squaw/Mixed (material removed) | - | - | 100.0 | - | - | - | - | - | 99.6 | 99.1 | - | 98.6 | - | 98.2 | 86.4 | - | - | 47.7 | - | - | 32.3 | 39 | 18 | 21 | - | - |
| SF-3-R | 4/20/2013 | Bottom of Squaw (material removed) | - | - | 100.0 | - | - | - | - | - | 96.5 | 92.6 | - | 74.9 | - | 48.8 | 40.6 | - | - | 24.0 | - | - | 17.4 | 28 | 17 | 12 | 134.5 | 7.6 |
| SF-4-R | 2/24/2014 | Phase 1 ADR Haul Road STA 52+00 | 9,750 | 5.9 | 100.0 | 100.0 | 100.0 | 70.0 | 47.0 | 38.0 | 28.0 | 17.0 | 10.0 | 3.0 | 0.7 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | NV | NP | NP | - | - | |
| SF-5-R | 2/25/2014 | Phase 1 ADR Haul Road STA 55+00 | 9,775 | 1.9 | 100.0 | 72.0 | 49.0 | 10.0 | 10.0 | 9.0 | 8.0 | 6.0 | 4.0 | 2.0 | 0.4 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | NV | NP | NP | - | - | |
| SF-6-R | 2/25/2014 | Phase 1 ADR Haul Road STA 60+00 | 9,774 | 1.0 | 100.0 | 59.0 | 43.0 | 3.0 | 3.0 | 2.0 | 1.0 | 0.5 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | NV | NP | NP | - | - | |
| SF-7-R | 2/25/2014 | Phase 1 ADR Haul Road STA 65+00 | 9,780 | 2.8 | 100.0 | 70.0 | 47.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 2.0 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | NV | NP | NP | - | - | |
| SF-8-R | 2/25/2014 | Phase 1 Bench D STA DD9+00 | 9,550 | 6.0 | 100.0 | 65.0 | 43.0 | 4.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 1.0 | 0.9 | 0.9 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | NV | NP | NP | - | - | |
| SF-9-R | 2/25/2014 | Phase 1 Bench D STA DD0+00 | 9,550 | 11.2 | 100.0 | 100.0 | 100.0 | 100.0 | 89.0 | 68.0 | 56.0 | 45.0 | 36.0 | 28.0 | 23.0 | 21.0 | 20.0 | 19.0 | 19.0 | 19.0 | 18.0 | 18.0 | 31 | 19 | 12 | - | - | |
| SF-10-R | 2/25/2014 | Phase 1 Bench D STA DD10+00 | 9,550 | 11.3 | 100.0 | 100.0 | 100.0 | 76.0 | 71.0 | 63.0 | 55.0 | 47.0 | 41.0 | 33.0 | 28.0 | 27.0 | 26.0 | 25.0 | 25.0 | 24.0 | 24.0 | 24.0 | 32 | 19 | 13 | - | - | |
| SF-11-R | 2/27/2014 | Hwy 67/PSSA Embankment | 9,428 | 5.0 | 100.0 | 100.0 | 70.0 | 48.0 | 22.0 | 17.0 | 15.0 | 13.0 | 12.0 | 11.0 | 10.0 | 8.0 | 6.0 | 4.0 | 2.0 | 2.0 | 0.6 | 0.1 | NV | NP | NP | - | - | |
| SF-12-R | 2/27/2014 | Hwy 67/PSSA Embankment | 9,431 | 3.5 | 100.0 | 100.0 | 76.0 | 57.0 | 29.0 | 23.0 | 18.0 | 13.0 | 10.0 | 7.0 | 6.0 | 5.0 | 3.0 | 2.0 | 1.0 | 0.9 | 0.4 | 0.1 | NV | NP | NP | - | - | |
| SF-13-R | 2/27/2014 | Hwy 67/PSSA Embankment | 9,425 | 6.7 | 100.0 | 100.0 | 100.0 | 100.0 | 87.0 | 64.0 | 57.0 | 49.0 | 45.0 | 40.0 | 37.0 | 31.0 | 22.0 | 15.0 | 10.0 | 9.0 | 7.0 | 5.3 | NV | NP | NP | - | - | |
| SF-14-R | 2/27/2014 | Hwy 67/PSSA Embankment | 9,425 | 2.8 | 100.0 | 100.0 | 89.0 | 78.0 | 67.0 | 61.0 | 56.0 | 52.0 | 48.0 | 39.0 | 34.0 | 34.0 | 22.0 | 13.0 | 8.0 | 6.0 | 3.0 | 0.5 | NV | NP | NP | - | - | |
| SF-15-R | 2/27/2014 | Hwy 67/PSSA Embankment | 9,430 | 4.1 | 100.0 | 97.0 | 89.0 | 80.0 | 62.0 | 50.0 | 42.0 | 36.0 | 31.0 | 25.0 | 21.0 | 17.0 | 11.0 | 7.0 | 4.0 | 4.0 | 2.0 | 0.5 | NV | NP | NP | - | - | |
| SF-16-R | 2/27/2014 | Hwy 67/PSSA Embankment | 9,435 | 4.3 | 100.0 | 98.0 | 85.0 | 73.0 | 55.0 | 44.0 | 38.0 | 32.0 | 29.0 | 25.0 | 22.0 | 17.0 | 12.0 | 7.0 | 4.0 | 3.0 | 2.0 | 0.4 | NV | NP | NP | - | - | |
| SF-17-R | 3/1/2014 | Phase 1 ADR Haul Road Fill | 9,801 | 7.8 | 100.0 | 100.0 | 95.0 | 88.0 | 81.0 | 72.0 | 67.0 | 54.0 | 47.0 | 36.0 | 30.0 | 20.0 | 0.0 | 7.0 | 4.0 | 3.0 | 1.0 | 0.2 | NV | NP | NP | - | - | |
| SF-18-R | 3/1/2014 | Phase 1 ADR Haul Road Fill | 9,804 | 4.9 | 100.0 | 100.0 | 91.0 | 80.0 | 70.0 | 59.0 | 49.0 | 34.0 | 26.0 | 16.0 | 12.0 | 6.0 | 3.0 | 1.0 | 0.8 | 0.7 | 0.3 | 0.1 | NV | NP | NP | - | - | |
| SF-19-R | 3/1/2014 | Phase 1 ADR Haul Road Fill | 9,798 | 4.4 | 100.0 | 88.0 | 86.0 | 57.0 | 30.0 | 23.0 | 18.0 | 15.0 | 13.0 | 10.0 | 9.0 | 6.0 | 4.0 | 2.0 | 1.0 | 0.9 | 0.4 | 0.1 | NV | NP | NP | - | - | |
| SF-20-R | 3/3/2014 | Phase 1 ADR Haul Road STA 55+00 | FG | 10.0 | 100.0 | 92.0 | 83.0 | 72.0 | 45.0 | 40.0 | 36.0 | 30.0 | 27.0 | 23.0 | 21.0 | 16.0 | 11.0 | 7.0 | 5.0 | 4.0 | 2.0 | 0.3 | NV | NP | NP | - | - | |
| SF-21-R | 3/3/2014 | Phase 1 ADR Haul Road STA 66+00 | 9,780 | 11.3 | 100.0 | 91.0 | 85.0 | 70.0 | 46.0 | 39.0 | 32.0 | 25.0 | 22.0 | 17.0 | 14.0 | 10.0 | 6.0 | 3.0 | 2.0 | 2.0 | 0.7 | 0.1 | NV | NP | NP | - | - | |
| SF-22-R | 3/3/2014 | Phase 1 ADR Haul Road STA 77+00 | 9,783 | 10.7 | 100.0 | 97.0 | 94.0 | 79.0 | 64.0 | 49.0 | 36.0 | 25.0 | 20.0 | 14.0 | 11.0 | 7.0 | 4.0 | 2.0 | 2.0 | 1.0 | 0.6 | 0.1 | NV | NP | NP | - | - | |
| SF-23-R | 3/4/2014 | Phase 2 Dump 4 Fill STA K26+00-K30+00 | 10,019 | 12.6 | 100.0 | 93.0 | 87.0 | 82.0 | 62.0 | 56.0 | 49.0 | 39.0 | 30.0 | 26.0 | 19.0 | 12.0 | 7.0 | 4.0 | 3.0 | 1.0 | 0.2 | NV | NP | NP | - | - | | |
| SF-24-R | 3/4/2014 | Phase 1 ADR Haul Road STA 69+00 | 9,766 | 8.1 | 100.0 | 100.0 | 85.0 | 57.0 | 42.0 | 39.0 | 32.0 | 23.0 | 20.0 | 14.0 | 12.0 | 7.0 | 4.0 | 2.0 | 1.0 | 1.0 | 0.5 | 0.1 | NV | NP | NP | - | - | |
| SF-25-R | 3/4/2014 | Phase 1 ADR Haul Road STA 70+00 | 9,768 | 10.5 | 100.0 | 97.0 | 93.0 | 89.0 | 73.0 | 70.0 | 64.0 | 55.0 | 50.0 | 42.0 | 36.0 | 27.0 | 16.0 | 9.0 | 6.0 | 4.0 | 2.0 | 0.3 | NV | NP | NP | - | - | |
| SF-26-R | 3/5/2014 | Phase 1 Bench H STA 25+00 | 9,804 | 14.9 | 100.0 | 94.0 | 80.0 | 69.0 | 42.0 | 32.0 | 27.0 | 20.0 | 16.0 | 11.0 | 9.0 | 5.0 | 2.0 | 1.0 | 1.0 | 1.0 | 0.2 | 0.0 | NV | NP | NP | - | - | |
| SF-27-R | 3/5/2014 | Phase 1 Bench H STA 27+00 | 9,807 | 9.0 | 100.0 | 100.0 | 90.0 | 83.0 | 71.0 | 57.0 | 49.0 | 37.0 | 30.0 | 21.0 | 16.0 | 10.0 | 4.0 | 2.0 | 1.0 | 0.9 | 0.4 | 0.1 | NV | NP | NP | - | - | |
| SF-28-R | 3/5/2014 | Phase 1 Bench C STA C4+00 | 9,540 | 5.2 | 100.0 | 100.0 | 100.0 | 47.0 | 47.0 | 41.0 | 34.0 | 28.0 | 25.0 | 22.0 | 20.0 | 17.0 | 12.0 | 7.0 | 4.0 | 3.0 | 1.0 | 0.2 | NV | NP | NP | - | - | |
| SF-29-R | 3/5/2014 | Phase 1 Bench H STA H24+00 | 9,798 | 7.4 | 100.0 | 100.0 | 90.0 | 52.0 | 52.0 | 36.0 | 32.0 | 26.0 | 23.0 | 17.0 | 14.0 | 10.0 | 6.0 | 3.0 | 2.0 | 1.0 | 0.7 | 0.2 | NV | NP | NP | - | - | |
| SF-30-R | 3/6/2014 | Phase 1 Bench C STA C6+00 | 9,546 | 3.8 | 100.0 | 75.0 | 67.0 | 29.0 | 29.0 | 28.0 | 28.0 | 28.0 | 28.0 | 24.0 | 16.0 | 10.0 | 6.0 | 5.0 | 3.0 | 2.0 | 1.9 | NV | NP | NP | - | - | | |
| SF-31-R | 3/6/2014 | Phase 1 Bench H STA H22+00 | 9,806 | 13.8 | 100.0 | 100.0 | 100.0 | 74.0 | 74.0 | 73.0 | 72.0 | 72.0 | 71.0 | 71.0 | 60.0 | 50.0 | 44.0 | 40.0 | 39.0 | 35.0 | 29.0 | 26.5 | 30 | 20 | 10.0 | - | - | |
| SF-32-R | 3/6/2014 | Phase 1 Bench H STA H28+00 | 9,806 | 4.9 | 100.0 | 100.0 | 100.0 | 24.0 | 24.0 | 21.0 | 19.0 | 17.0 | 16.0 | 15.0 | 14.0 | 8.0 | 5.0 | 3.0 | 2.0 | 2.0 | 2.0 | 1.3 | NV | NP | NP | - | - | |
| SF-33-R | 3/6/2014 | Phase 1 ADR Haul Road STA 29+00 | 9,808 | 4.0 | 100.0 | 86.0 | 71.0 | 11.0 | 10.0 | 10.0 | 9.0 | 9.0 | 9.0 | 9.0 | 7.0 | 6.0 | 5.0 | 4.0 | 3.0 | 2.0 | 1.0 | 1.2 | NV | NP | NP | - | - | |
| SF-34-R | 3/10/2014 | Phase 1 ADR Haul Road STA 75+00 | 9,780 | 10.6 | 100.0 | 100.0 | 100.0 | 90.0 | 90.0 | 90.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 75.0 | 56.0 | 42.0 | 33.0 | 30.0 | 25.0 | 20.9 | NV | NP | NP | - | - | |
| SF-35-R | 3/10/2014 | Phase 1 ADR Haul Road STA 76+00 | 9,783 | 8.8 | 100.0 | 100.0 | 96.0 | 76.0 | 76.0 | 76.0 | 76.0 | 75.0 | 75.0 | 75.0 | 75.0 | 55.0 | 36.0 | 25.0 | 18.0 | 16.0 | 13.0 | 10.5 | NV | NP | NP | - | - | |
| SF-36-R | 3/10/2014 | Phase 1 ADR Haul Road STA 77+00 | 9,786 | 13.5 | 100.0 | 100.0 | 100.0 | 68.0 | 67.0 | 67.0 | 67.0 | 66.0 | 66.0 | 65.0 | 65.0 | 52.0 | 0.0 | 26.0 | 20.0 | 18.0 | 15.0 | 12.4 | NV | NP | NP | - | - | |
| SF-37-R | 3/11/2014 | Phase 1 ADR Haul Road STA 88+00 | 9,808 | 11.0 | 100.0 | 100.0 | 100.0 | 44.0 | 43.0 | 43.0 | 43.0 | 42.0 | 42.0 | 42.0 | 41.0 | 35.0 | 0.0 | 18.0 | 13.0 | 11.0 | 9.0 | 6.9 | NV | NP | NP | - | - | |
| SF-38-R | 3/11/2014 | PSSA/Hwy 67 Embankment | 9,460 | 4.4 | 100.0 | 100.0 | 95.0 | 56.0 | 56.0 | 55.0 | 54.0 | 54.0 | 54.0 | 53.0 | 52.0 | 48.0 | 38.0 | 25.0 | 17.0 | 14.0 | 9.0 | 7.5 | NV | NP | NP | - | - | |
| SF-39-R | 3/11/2014 | PSSA/Hwy 67 Embankment | 9,464 | 9.1 | 100.0 | 100.0 | 100.0 | 54.0 | 54.0 | 53.0 | 52.0 | 51.0 | 51.0 | 50.0 | 50.0 | 39.0 | 22.0 | 17.0 | 15.0 | 12.0 | 12.0 | 9.9 | NV | NP | NP | - | - | |
| SF-40-R | 3/12/2014 | PSSA/Hwy 67 Embankment | 9,472 | 5.5 | 100.0 | 100.0 | 100.0 | 60.0 | 60.0 | 60.0 | 59.0 | 59.0 | 59.0 | 58.0 | 58.0 | 48.0 | 33.0 | 21.0 | 15.0 | 12.0 | 9.0 | 6.9 | NV | NP | NP | - | - | |
| SF-41-R | 3/12/2014 | PSSA/Hwy 67 Embankment | 9,293 | 5.5 | 100.0 | 100.0 | 100.0 | 61.0 | 61.0 | 60.0 | 59.0 | 58.0 | 58.0 | 57.0 | 56.0 | 41.0 | 27.0 | 18.0 | 13.0 | 12.0 | 9.0 | 7.9 | NV | NP | NP | - | - | |
| SF-42-R | 3/12/2014 | PSSA/Hwy 67 Embankment | 9,470 | 6.8 | 100.0 | 100.0</ | | | | | | | | | | | | | | | | | | | | | | |

Table 5
Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
CQA Earthworks Laboratory Testing Summary - Structural Fill



| SAMPLE NUMBER | DATE TESTED | LOCATION | ELEV. (feet) | NATURAL MOISTURE (%) | GRAIN SIZE DISTRIBUTION (PERCENT PASSING) | | | | | | | | | | | | | | | | | ATTERBERG LIMITS | | | MOISTURE/DENSITY | | |
|------------------|----------------|--|-----------------|----------------------------|---|-------|-------|-------|-------|------|------|------|-------|-------|--------|------|-------|-------|--------|--------|---------|------------------|------------------------|------------------|------------------|------------------------------------|----------------------------|
| | | | | | 24.0" | 18.0" | 12.0" | 4.0" | 3.0" | 2.0" | 1.5" | 1.0" | 0.75" | 0.50" | 0.375" | No.4 | No.10 | No.20 | No. 40 | No. 50 | No. 100 | No. 200 | PLASTIC INDEX: 30 MAX. | | | MAXIMUM DRY DENSITY (pcf) | OPTIMUM MOISTURE (%) |
| | | | | | SPECIFICATION PERCENT PASSING) | | | | | | | | | | | | | | | | | LIQUID LIMIT | PLASTIC LIMIT | PLASTIC INDEX | | | |
| | | | | | 100 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | - | | |
| SF-53-R | 3/28/2014 | PSSA/Hwy 67 Embankment | 9,443 | 5.4 | 100.0 | 100.0 | 89.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 40.0 | 40.0 | 40.0 | 33.0 | 24.0 | 16.0 | 11.0 | 9.0 | 7.0 | 5.1 | NV | NP | NP | - | - |
| SF-54-R | 3/31/2014 | PSSA/Hwy 67 Embankment | 9,443 | 3.7 | 100.0 | 100.0 | 89.0 | 46.0 | 46.0 | 46.0 | 46.0 | 45.0 | 45.0 | 45.0 | 45.0 | 39.0 | 31.0 | 21.0 | 15.0 | 12.0 | 8.0 | 5.9 | NV | NP | NP | - | - |
| SF-55-R | 3/31/2014 | PSSA/Hwy 67 Embankment | 9,443 | 3.7 | 100.0 | 90.0 | 77.0 | 33.0 | 33.0 | 33.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 27.0 | 20.0 | 13.0 | 9.0 | 7.0 | 5.0 | 3.5 | NV | NP | NP | - | - |
| SF-56-R | 3/31/2014 | PSSA/Hwy 67 Embankment | 9,445 | 3.7 | 100.0 | 100.0 | 100.0 | 58.0 | 58.0 | 58.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 50.0 | 38.0 | 26.0 | 18.0 | 15.0 | 10.0 | 7.5 | NV | NP | NP | - | - |
| SF-57-R | 4/1/2014 | PSSA/Hwy 67 Embankment | 9,444 | 4.2 | 100.0 | 100.0 | 90.0 | 50.0 | 49.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 40.0 | 29.0 | 19.0 | 13.0 | 11.0 | 7.0 | 5.2 | NV | NP | NP | - | - | |
| SF-58-R | 4/1/2014 | PSSA/Hwy 67 Embankment | 9,444 | 3.9 | 100.0 | 100.0 | 100.0 | 36.0 | 36.0 | 35.0 | 35.0 | 35.0 | 34.0 | 34.0 | 34.0 | 29.0 | 22.0 | 15.0 | 10.0 | 9.0 | 6.0 | 4.2 | NV | NP | NP | - | - |
| SF-59-R | 4/1/2014 | PSSA/Hwy 67 Embankment | 9,445 | 3.9 | 100.0 | 100.0 | 100.0 | 91.0 | 91.0 | 91.0 | 91.0 | 90.0 | 90.0 | 90.0 | 90.0 | 79.0 | 60.0 | 40.0 | 28.0 | 23.0 | 16.0 | 11.4 | NV | NP | NP | - | - |
| SF-60-R | 4/1/2014 | PSSA/Hwy 67 Embankment | 9,445 | 6.5 | 100.0 | 100.0 | 92.0 | 36.0 | 36.0 | 35.0 | 34.0 | 33.0 | 33.0 | 32.0 | 32.0 | 26.0 | 18.0 | 11.0 | 7.0 | 6.0 | 4.0 | 2.7 | NV | NP | NP | - | - |
| SF-61-R | 4/1/2014 | PSSA/Hwy 67 Embankment | 9,444 | 6.8 | 100.0 | 100.0 | 84.0 | 34.0 | 34.0 | 32.0 | 31.0 | 31.0 | 30.0 | 30.0 | 30.0 | 25.0 | 17.0 | 11.0 | 7.0 | 6.0 | 4.0 | 2.7 | NV | NP | NP | - | - |
| SF-62-R | 4/1/2014 | PSSA/Hwy 67 Embankment | 9,446 | 3.7 | 100.0 | 100.0 | 83.0 | 45.0 | 45.0 | 44.0 | 43.0 | 43.0 | 42.0 | 42.0 | 41.0 | 35.0 | 26.0 | 18.0 | 12.0 | 10.0 | 7.0 | 5.1 | NV | NP | NP | - | - |
| SF-63-R | 4/1/2014 | PSSA/Hwy 67 Embankment | 9,447 | 3.4 | 100.0 | 100.0 | 76.0 | 45.0 | 44.0 | 42.0 | 42.0 | 40.0 | 40.0 | 39.0 | 39.0 | 33.0 | 24.0 | 16.0 | 11.0 | 9.0 | 6.0 | 5.6 | NV | NP | NP | - | - |
| SF-64-R | 4/1/2014 | PSSA/Hwy 67 Embankment | 9,448 | 4.7 | 100.0 | 100.0 | 84.0 | 35.0 | 35.0 | 33.0 | 32.0 | 31.0 | 31.0 | 30.0 | 30.0 | 17.0 | 11.0 | 8.0 | 6.0 | 5.0 | 4.0 | 2.8 | NV | NP | NP | - | - |
| SF-65-R | 4/1/2014 | PSSA/Hwy 67 Embankment | 9,445 | 5.2 | 100.0 | 86.0 | 77.0 | 36.0 | 36.0 | 36.0 | 35.0 | 34.0 | 33.0 | 33.0 | 33.0 | 24.0 | 16.0 | 11.0 | 8.0 | 7.0 | 4.0 | 3.3 | NV | NP | NP | - | - |
| SF-66-R | 4/1/2014 | PSSA/Hwy 67 Embankment | 9,448 | 4.1 | 100.0 | 74.0 | 74.0 | 45.0 | 44.0 | 43.0 | 41.0 | 40.0 | 39.0 | 39.0 | 39.0 | 35.0 | 30.0 | 25.0 | 22.0 | 21.0 | 20.0 | 18.6 | NV | NP | NP | - | - |
| SF-67-R | 4/1/2014 | PSSA/Hwy 67 Embankment | 9,446 | 4.0 | 100.0 | 100.0 | 100.0 | 50.0 | 50.0 | 49.0 | 48.0 | 47.0 | 47.0 | 46.0 | 46.0 | 40.0 | 28.0 | 18.0 | 13.0 | 11.0 | 8.0 | 6.5 | NV | NP | NP | - | - |
| SF-68-R | 4/7/2014 | PSSA/Hwy 67 Embankment | 9,448 | 9.9 | 100.0 | 100.0 | 77.0 | 29.0 | 29.0 | 28.0 | 27.0 | 26.0 | 26.0 | 25.0 | 25.0 | 21.0 | 17.0 | 13.0 | 11.0 | 10.0 | 8.0 | 6.4 | NV | NP | NP | - | - |
| SF-69-R | 4/7/2014 | PSSA/Hwy 67 Embankment | 9,450 | 10.9 | 100.0 | 88.0 | 78.0 | 47.0 | 47.0 | 46.0 | 46.0 | 45.0 | 44.0 | 44.0 | 44.0 | 33.0 | 23.0 | 16.0 | 13.0 | 11.0 | 8.0 | 6.7 | NV | NP | NP | - | - |
| SF-70-R | 4/7/2014 | PSSA/Hwy 67 Embankment | 9,452 | 6.5 | 100.0 | 100.0 | 100.0 | 56.0 | 56.0 | 54.0 | 54.0 | 53.0 | 53.0 | 52.0 | 52.0 | 44.0 | 33.0 | 23.0 | 16.0 | 14.0 | 10.0 | 7.4 | NV | NP | NP | - | - |
| SF-71-R | 4/7/2014 | PSSA/Hwy 67 Embankment | 9,446 | 7.5 | 100.0 | 100.0 | 80.0 | 54.0 | 54.0 | 53.0 | 52.0 | 51.0 | 51.0 | 50.0 | 50.0 | 38.0 | 28.0 | 20.0 | 15.0 | 13.0 | 10.0 | 7.4 | NV | NP | NP | - | - |
| SF-72-R | 4/8/2014 | PSSA/Hwy 67 Embankment | 9,448 | 9.6 | 100.0 | 100.0 | 88.0 | 42.0 | 42.0 | 41.0 | 40.0 | 40.0 | 40.0 | 39.0 | 39.0 | 34.0 | 27.0 | 21.0 | 17.0 | 16.0 | 13.0 | 10.7 | NV | NP | NP | - | - |
| SF-73-R | 4/8/2014 | PSSA/Hwy 67 Embankment | 9,448 | 8.6 | 100.0 | 100.0 | 90.0 | 50.0 | 50.0 | 49.0 | 49.0 | 48.0 | 48.0 | 47.0 | 47.0 | 40.0 | 32.0 | 24.0 | 20.0 | 18.0 | 15.0 | 12.3 | NV | NP | NP | - | - |
| SF-74-R | 4/10/2014 | PSSA/Hwy 67 Embankment | 9,450 | 9.0 | 100.0 | 91.0 | 83.0 | 41.0 | 40.0 | 40.0 | 39.0 | 38.0 | 38.0 | 35.0 | 35.0 | 29.0 | 21.0 | 16.0 | 13.0 | 12.0 | 9.0 | 7.4 | NV | NP | NP | - | - |
| SF-75-R | 4/10/2014 | PSSA/Hwy 67 Embankment | 9,450 | 13.9 | 100.0 | 100.0 | 100.0 | 61.0 | 61.0 | 60.0 | 60.0 | 59.0 | 59.0 | 58.0 | 58.0 | 51.0 | 40.0 | 32.0 | 27.0 | 25.0 | 21.0 | 18.0 | 34 | 20 | 14 | - | - |
| SF-76-R | 4/10/2014 | PSSA/Hwy 67 Embankment | 9,484 | 5.6 | 100.0 | 87.0 | 70.0 | 31.0 | 31.0 | 30.0 | 30.0 | 29.0 | 29.0 | 28.0 | 28.0 | 22.0 | 16.0 | 11.0 | 8.0 | 7.0 | 5.0 | 3.8 | NV | NP | NP | - | - |
| SF-77-R | 4/10/2014 | PSSA/Hwy 67 Embankment | 9,484 | 5.9 | 100.0 | 75.0 | 63.0 | 42.0 | 42.0 | 42.0 | 41.0 | 40.0 | 40.0 | 40.0 | 39.0 | 33.0 | 23.0 | 16.0 | 12.0 | 10.0 | 8.0 | 5.9 | NV | NP | NP | - | - |
| SF-78-R | 4/10/2014 | PSSA/Hwy 67 Embankment | 9,484 | 4.2 | 100.0 | 100.0 | 80.0 | 41.0 | 41.0 | 40.0 | 39.0 | 39.0 | 38.0 | 38.0 | 38.0 | 27.0 | 18.0 | 12.0 | 8.0 | 7.0 | 5.0 | 3.8 | NV | NP | NP | - | - |
| SF-79-R | 4/10/2014 | PSSA/Hwy 67 Embankment | 9,832 | 3.0 | 100.0 | 100.0 | 83.0 | 29.0 | 29.0 | 29.0 | 29.0 | 28.0 | 27.0 | 26.0 | 26.0 | 18.0 | 11.0 | 7.0 | 5.0 | 4.0 | 3.0 | 1.9 | NV | NP | NP | - | - |
| SF-80-R | 4/30/2014 | Phase 1 Bench C STA C6+00 | 9,600 | 6.2 | 100.0 | 100.0 | 100.0 | 49.0 | 49.0 | 48.0 | 47.0 | 46.0 | 45.0 | 44.0 | 44.0 | 32.0 | 23.0 | 17.0 | 13.0 | 11.0 | 9.0 | 6.7 | NV | NP | NP | - | - |
| SF-81-R | 5/6/2014 | East Side PSSA Ramp Fill | - | 3.5 | 100.0 | 100.0 | 90.0 | 54.0 | 54.0 | 53.0 | 52.0 | 52.0 | 51.0 | 51.0 | 51.0 | 42.0 | 32.0 | 22.0 | 15.0 | 13.0 | 9.0 | 6.3 | NV | NP | NP | - | - |
| SF-82-R | 5/8/2014 | Phase 1 ADR Haul Road STA 72+00 | - | 7.2 | 100.0 | 100.0 | 69.0 | 34.0 | 34.0 | 32.0 | 31.0 | 31.0 | 30.0 | 30.0 | 30.0 | 23.0 | 17.0 | 12.0 | 9.0 | 8.0 | 6.0 | 5.1 | NV | NP | NP | - | - |
| SF-83-R | 5/8/2014 | Phase 1 ADR Haul Road STA 70+00 | - | 6.7 | 100.0 | 100.0 | 73.0 | 33.0 | 33.0 | 32.0 | 31.0 | 29.0 | 29.0 | 28.0 | 28.0 | 22.0 | 16.0 | 11.0 | 8.0 | 7.0 | 6.0 | 4.6 | NV | NP | NP | - | - |
| SF-84-R | 6/23/2014 | Phase 1 Bench J STA J12+50 | 9,860.0 | 5.4 | 100.0 | 100.0 | 80.0 | 51.0 | 51.0 | 44.0 | 38.0 | 33.0 | 31.0 | 29.0 | 27.0 | 24.0 | 19.0 | 14.0 | 11.0 | 9.0 | 7.0 | 5.3 | NV | NP | NP | - | - |
| SF-85-R | 6/23/2014 | Phase 2 Pond N 58,839.5 E 34,733.5 | 9,943.4 | 9.3 | 100.0 | 90.0 | 51.0 | 16.0 | 16.0 | 15.0 | 13.0 | 11.0 | 10.0 | 7.0 | 4.0 | 3.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 0.8 | NV | NP | NP | - | - |
| SF-86-R | 6/24/2014 | Phase 1 N 56,353.2 E 37,557.1 | 9,882.6 | 7.0 | 100.0 | 100.0 | 96.0 | 61.0 | 60.0 | 60.0 | 58.0 | 57.0 | 56.0 | 55.0 | 55.0 | 47.0 | 37.0 | 28.0 | 21.0 | 19.0 | 14.0 | 11.0 | NV | NP | NP | - | - |
| SF-87-R | 6/25/2014 | Phase 1 Bench D STA D0+00 | - | 11.2 | 100.0 | 89.0 | 66.0 | 40.0 | 40.0 | 39.0 | 38.0 | 38.0 | 37.0 | 37.0 | 37.0 | 32.0 | 26.0 | 21.0 | 18.0 | 17.0 | 14.0 | 12.0 | 28 | 20 | 8 | - | - |
| SF-88-R | 7/1/2014 | Phase 1 between Bench D STA D1+00 & Bench F STA F18+00 | - | 7.0 | 100.0 | 85.0 | 57.0 | 27.0 | 26.0 | 26.0 | 26.0 | 25.0 | 25.0 | 24.0 | 24.0 | 17.0 | 10.0 | 6.0 | 4.0 | 4.0 | 3.0 | 2.1 | NV | NP | NP | - | - |
| SF-89-R | 7/1/2014 | Phase 1 between Bench D STA D1+00 & Bench F STA F18+00 | 9,648.4 | 9.1 | 100.0 | 100.0 | 94.0 | 76.0 | 76.0 | 75.0 | 74.0 | 72.0 | 70.0 | 67.0 | 64.0 | 50.0 | 35.0 | 25.0 | 19.0 | 17.0 | 13.0 | 11.0 | NV | NP | NP | - | - |
| SF-90-R | 7/11/2014 | Phase 1 N 56,742.4 E 35,647.1 | 9,811.6 | 6.1 | 100.0 | 100.0 | 80.0 | 16.0 | 16.0 | 14.0 | 13.0 | 10.0 | 7.0 | 4.0 | 1.0 | 0.5 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | NV | NP | NP | - | - |
| SF-91-R | 7/11/2014 | Phase 1 N 56,738.5 E 35,847.1 | 9,824.2 | 7.1 | 100.0 | 100.0 | 27.0 | 10.0 | 9.0 | 9.0 | 8.0 | 7.0 | 5.0 | 3.0 | 0.6 | 0.5 | 0.4 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | NV | NP | NP | - | - |
| SF-92-R | 7/11/2014 | Phase 1 N 56,762.1 E 36,247.0 | 9,847.3 | 7.1 | 100.0 | 100.0 | 90.0 | 12.0 | 12.0 | 10.0 | 8.0 | 6.0 | 5.0 | 4.0 | 3.0 | 3.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.5 | NV | NP | NP | - | - |
| SF-93-R | 8/21/2014 | Phase 1 N 56,305.1 E 36,409.7 | 9,674.5 | 5.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.0 | 98.0 | 97.0 | 96.0 | 95.0 | 94.0 | 70.0 | 53.0 | 40.0 | 31.0 | 28.0 | 21.0 | 16.0 | NV | NP | NP | - | - |
| SF-94-R | 8/21/2014 | Phase 1 N 56,206.0 E 37,486.6 | 9,897.9 | 10.3 | 100.0 | 100.0 | | | | | | | | | | | | | | | | | | | | | |

Table 6
Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
CQA Earthworks Laboratory Testing Summary - Select Structural Fill



| SAMPLE NUMBER | DATE TESTED | LOCATION | | ELEV. (feet) | NATURAL MOISTURE (%) | GRAIN SIZE DISTRIBUTION (PERCENT PASSING) | | | | | | | | | | | | | ATTERBERG LIMITS | | | |
|------------------|----------------|--------------------------------|----------|-----------------|----------------------------|---|-------|------|------|-------|-------|--------|------|-------|-----------------|------------------|------------------|---------|------------------|--------------------|----|----|
| | | | | | | 3.0" | 2.0" | 1.5" | 1.0" | 0.75" | 0.50" | 0.375" | No.4 | No.10 | No.20 | No. 40 | No. 50 | No. 100 | No. 200 | PLASTIC INDEX: N/A | | |
| | | SPECIFICATION PERCENT PASSING) | | | | | | | | | | | | | LIQUID LIMIT | PLASTIC LIMIT | PLASTIC INDEX | | | | | |
| | | NORTHING | EASTING | | | 100 | - | - | - | - | - | - | - | - | | | | - | - | - | - | |
| SSF-1-R | 2/26/2014 | STA 16+50 | | 9,440.0 | 5.6 | 100.0 | 100.0 | 94.0 | 68.0 | 54.0 | 44.0 | 37.0 | 26.0 | 18.0 | 13.0 | 10.0 | 9.0 | 7.0 | 5.1 | NV | NP | NP |
| SSF-2-R | 7/27/2014 | 55,659.5 | 35,215.1 | 9,350.5 | 7.7 | 100.0 | 96.0 | 88.0 | 73.0 | 63.0 | 45.0 | 38.0 | 29.0 | 19.0 | 13.0 | 10.0 | 9.0 | 7.0 | 5.0 | NV | NP | NP |

Note:
SSF used only in underdrain construction.

Table 7
Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
CQA Earthworks Laboratory Testing Summary - Leak Detection Fill



| SAMPLE NUMBER | DATE TESTED | LOCATION | | ELEV. (feet) | NATURAL MOISTURE (%) | GRAIN SIZE DISTRIBUTION (PERCENT PASSING) | | | | | | | | | | | ATTERBERG LIMITS | | |
|------------------|----------------|--------------------------------|----------|-----------------|----------------------------|---|-------|-------|--------|------|-------|-------|-----------------|------------------|------------------|---------|--------------------|----|------|
| | | | | | | 1.0" | 0.75" | 0.50" | 0.375" | No.4 | No.10 | No.20 | No. 40 | No. 50 | No. 100 | No. 200 | PLASTIC INDEX: N/A | | |
| | | SPECIFICATION PERCENT PASSING) | | | | | | | | | | | LIQUID LIMIT | PLASTIC LIMIT | PLASTIC INDEX | | | | |
| | | NORTHING | EASTING | | | 100 | - | - | 40-70 | 5-55 | - | - | | | | - | - | - | 0-10 |
| LDF-1-R | 6/6/2014 | 54,749.6 | 34,450.9 | 9,327.4 | 2.0 | 100.0 | 96.0 | 72.0 | 61.0 | 26.0 | 19.0 | 14.0 | 9.0 | 8.0 | 5.0 | 3.1 | NV | NP | NP |

Note:

1. LVSCF material was approved for use as LDF.
2. Material only used in closure drain construction.

Table 8
Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
CQA Earthworks Laboratory Testing Summary - Underdrain Fill



| SAMPLE NUMBER | DATE TESTED | LOCATION | | ELEV. (feet) | NATURAL MOISTURE (%) | GRAIN SIZE DISTRIBUTION (PERCENT PASSING) | | | | | | | | | | | | | | | | | | ATTERBERG LIMITS | | | |
|------------------|----------------|--------------------------------|----------|-----------------|----------------------------|---|-------|-------|------|------|------|------|------|-------|-------|--------|-------|--------|--------|--------|--------|---------|---------|------------------------|------------------|------------------|-----|
| | | | | | | 12.0" | 8.0" | 5.0" | 4.0" | 3.0" | 2.0" | 1.5" | 1.0" | 0.75" | 0.50" | 0.375" | No. 4 | No. 10 | No. 20 | No. 40 | No. 50 | No. 100 | No. 200 | PLASTIC INDEX: 30 MAX. | | | |
| | | NORTHING | EASTING | | | SPECIFICATION (PERCENT PASSING) | | | | | | | | | | | | | | | | | | LIQUID LIMIT | PLASTIC LIMIT | PLASTIC INDEX | |
| | | | | | | 100 | | | | | | | | | | | | | | | | | | | | | 0-6 |
| UF-1-R | 2/17/2014 | PSSA below Bench B STA B14+00 | | - | 3.7 | 100.0 | 70.0 | 70.0 | 63.0 | 41.0 | 21.0 | 16.0 | 12.0 | 11.0 | 10.0 | 9.0 | 8.0 | 7.0 | 6.0 | 5.0 | 4.0 | 3.0 | 1.3 | NV | NP | NP | |
| UF-2-R | 2/25/2014 | PSSA below Bench A STA 14+00 | | 9,435.0 | - | 100.0 | 70.0 | 56.0 | 39.0 | 28.0 | 26.0 | 23.0 | 23.0 | 21.0 | 21.0 | 20.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 18.6 | 0.0 | NV | NP | NP | |
| UF-3-R | 4/22/2014 | PSSA Floor Tertiary Underdrain | | - | 16.8 | 100.0 | 77.0 | 64.0 | 64.0 | 36.0 | 15.0 | 10.0 | 5.0 | 4.0 | 3.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 | 0.6 | NV | NP | NP | |
| UF-4-R | 7/26/2014 | 55,659.9 | 35,221.1 | 9,350.4 | 2.5 | 100.0 | 100.0 | 100.0 | 55.0 | 12.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | NV | NP | NP |

Table 9
Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
CQA Earthworks Laboratory Testing Summary - Soil Liner Fill



| SAMPLE NUMBER | DATE TESTED | LOCATION | | ELEV. (feet) | NATURAL MOISTURE (%) | GRAINSIZE DISTRIBUTION (PERCENT PASSING) | | | | | | | | | | | | ATTERBERG | | | MOISTURE/DENSITY | | PERMEABILITY (k=cm/sec) | |
|------------------|----------------|-----------------|------------------|-----------------|----------------------------|--|-------|------|-------|-------|--------|-------|--------|--------|--------|--------|---------|-----------|-----------------------|---------------------------------|------------------|------------------------------------|----------------------------|------------------------------------|
| | | | | | | 2.0" | 1.5" | 1.0" | 0.75" | 0.50" | 0.375" | No. 4 | No. 10 | No. 20 | No. 40 | No. 50 | No. 100 | No. 200 | PLASTIC INDEX: 10 MIN | | | MAXIMUM DRY DENSITY (pcf) | | OPTIMUM MOISTURE (%) |
| | | LIQUID LIMIT | PLASTIC LIMIT | | | | | | | | | | | | | | | | PLASTIC INDEX | | | | | |
| | | | | | | | | | | | | | | | | | | | | SPECIFICATION (PERCENT PASSING) | | | | |
| | | NORTHING | EASTING | | | 100 | - | | - | | - | - | | | - | | | 15-65 | | | | | | SPECIFICATION 1X10 ⁶ |
| SLF-1-R | 6/5/2014 | 54,812.0 | 34,493.2 | 9,335.1 | 13.7 | 100.0 | 100.0 | 93.0 | 88.0 | 80.0 | 76.0 | 70.0 | 62.0 | 53.0 | 48.0 | 45.0 | 40.0 | 34.0 | 34 | 19 | 15 | 115.9 | 12.9 | 1.04E-07 |
| SLF-2-R | 6/6/2014 | 54,916.2 | 34,411.4 | 9,352.8 | 10.9 | 100.0 | 100.0 | 96.0 | 90.0 | 83.0 | 79.0 | 71.0 | 62.0 | 54.0 | 49.0 | 46.0 | 41.0 | 35.0 | 36 | 19 | 17 | 115.4 | 13.9 | 1.09E-07 |
| SLF-3-R | 6/9/2014 | 55,006.1 | 34,105.6 | 9,446.5 | 14.7 | 100.0 | 97.0 | 89.0 | 83.0 | 78.0 | 74.0 | 67.0 | 59.0 | 52.0 | 47.0 | 45.0 | 40.0 | 34.0 | 36 | 16 | 20 | 113.5 | 13.3 | 7.02E-07 |
| SLF-4-R | 6/10/2014 | 54,716.0 | 34,079.6 | 9,430.3 | 10.3 | 100.0 | 100.0 | 97.0 | 93.0 | 88.0 | 84.0 | 75.0 | 66.0 | 59.0 | 53.0 | 50.0 | 45.0 | 39.0 | 34 | 17 | 17 | 115.2 | 13.5 | 4.50E-08 |
| SLF-5-R | 6/13/2014 | 54,744.6 | 34,386.2 | 9,341.1 | 8.8 | 100.0 | 97.0 | 90.0 | 87.0 | 83.0 | 80.0 | 71.0 | 61.0 | 54.0 | 48.0 | 46.0 | 40.0 | 35.0 | 36 | 17 | 19 | 116.5 | 13.4 | 8.00E-08 |
| SLF-6-R | 6/13/2014 | 54,816.4 | 34,623.0 | 9,348.5 | 11.2 | 100.0 | 100.0 | 90.0 | 84.0 | 77.0 | 74.0 | 67.0 | 58.0 | 50.0 | 45.0 | 42.0 | 37.0 | 32.0 | 37 | 19 | 18 | 115.1 | 14.6 | 5.96E-08 |
| SLF-7-R | 6/13/2014 | 54,560.8 | 34,728.0 | 9,447.8 | 11.8 | 100.0 | 100.0 | 97.0 | 94.0 | 89.0 | 85.0 | 76.0 | 66.0 | 58.0 | 52.0 | 49.0 | 43.0 | 38.0 | 36 | 17 | 19 | 113.8 | 14.4 | 5.60E-08 |
| SLF-8-R | 6/13/2014 | 54,366.0 | 34,431.8 | 9,445.3 | 11.0 | 100.0 | 93.0 | 83.0 | 81.0 | 76.0 | 72.0 | 64.0 | 56.0 | 48.0 | 43.0 | 40.0 | 35.0 | 30.0 | 36 | 18 | 18 | 116.2 | 13.2 | 1.57E-07 |
| SLF-9-R | 6/13/2014 | 54,561.1 | 34,370.3 | 9,403.7 | 7.2 | 100.0 | 97.0 | 94.0 | 93.0 | 89.0 | 85.0 | 77.0 | 67.0 | 58.0 | 51.0 | 49.0 | 43.0 | 37.0 | 33 | 17 | 16 | 113.7 | 13.9 | 1.35E-07 |
| SLF-10-R | 6/19/2014 | 55,233.6 | 34,706.6 | 9,345.4 | 7.6 | 100.0 | 96.0 | 87.0 | 83.0 | 78.0 | 75.0 | 67.0 | 59.0 | 51.0 | 46.0 | 44.0 | 39.0 | 34.0 | 34 | 18 | 16 | 117.4 | 13.8 | 7.57E-08 |
| SLF-11-R | 6/19/2014 | 55,366.3 | 34,603.3 | 9,379.3 | 7.1 | 100.0 | 100.0 | 95.0 | 90.0 | 85.0 | 81.0 | 73.0 | 64.0 | 57.0 | 51.0 | 48.0 | 42.0 | 36.0 | 34 | 17 | 17 | 115.0 | 12.7 | 5.32E-08 |
| SLF-12-R | 6/19/2014 | 55,473.3 | 34,731.8 | 9,382.5 | 11.3 | 100.0 | 100.0 | 88.0 | 84.0 | 77.0 | 73.0 | 65.0 | 57.0 | 50.0 | 45.0 | 43.0 | 38.0 | 32.0 | 36 | 18 | 18 | 115.2 | 15.1 | 5.61E-07 |
| SLF-13-R | 6/19/2014 | 55,125.0 | 35,072.5 | 9,405.1 | 10.8 | 100.0 | 100.0 | 90.0 | 86.0 | 79.0 | 75.0 | 66.0 | 57.0 | 49.0 | 43.0 | 41.0 | 36.0 | 31.0 | 36 | 17 | 19 | 114.8 | 13.7 | 4.17E-08 |
| SLF-14-R | 6/19/2014 | 54,697.5 | 34,594.4 | 9,371.4 | 6.0 | 100.0 | 100.0 | 92.0 | 89.0 | 84.0 | 81.0 | 73.0 | 64.0 | 56.0 | 49.0 | 47.0 | 41.0 | 35.0 | 36 | 18 | 18 | 113.5 | 13.7 | 5.25E-08 |
| SLF-15-R | 6/30/2014 | 56,018.4 | 35,088.6 | 9,433.8 | 10.7 | 100.0 | 100.0 | 88.0 | 83.0 | 78.0 | 75.0 | 66.0 | 58.0 | 51.0 | 46.0 | 43.0 | 38.0 | 34.0 | 34 | 15 | 19 | 116.6 | 12.6 | 4.82E-08 |
| SLF-16-R | 7/10/2014 | 55,914.4 | 35,348.7 | 9,435.9 | 8.8 | 100.0 | 100.0 | 94.0 | 86.0 | 79.0 | 75.0 | 68.0 | 59.0 | 52.0 | 47.0 | 45.0 | 40.0 | 35.0 | 34 | 17 | 17 | 116.6 | 13.3 | 4.14E-08 |
| SLF-17-R | 7/25/2014 | 55,699.3 | 34,983.3 | 9,386.3 | 12.5 | 100.0 | 100.0 | 92.0 | 87.0 | 80.0 | 76.0 | 69.0 | 60.0 | 53.0 | 48.0 | 46.0 | 41.0 | 35.0 | 35 | 17 | 18 | 115.3 | 14.1 | 6.90E-08 |
| SLF-18-R | 8/13/2014 | 55,048.3 | 34,755.2 | 9,357.8 | 12.2 | 100.0 | 96.0 | 92.0 | 89.0 | 82.0 | 79.0 | 71.0 | 62.0 | 54.0 | 48.0 | 46.0 | 40.0 | 35.0 | 35 | 17 | 18 | 116.8 | 13.5 | 4.24E-08 |
| SLF-19-R | 8/14/2014 | 55,479.9 | 35,220.1 | 9,395.6 | 5.4 | 100.0 | 97.0 | 94.0 | 91.0 | 85.0 | 81.0 | 73.0 | 64.0 | 54.0 | 51.0 | 48.0 | 42.0 | 36.0 | 31 | 17 | 14 | 114.7 | 13.3 | 4.61E-08 |

Table 10
Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
CQA Earthworks Laboratory Testing Summary - Low Volume Solution Collection Fill



| SAMPLE NUMBER | DATE TESTED | LOCATION | | ELEV. (feet) | NATURAL MOISTURE (%) | GRAINSIZE DISTRIBUTION (PERCENT PASSING) | | | | | | | | | | | ATTERBERG | | | MOISTURE/DENSITY | |
|------------------|----------------|---------------------------------|----------|-----------------|----------------------------|--|-------|------|--------|-------|--------|--------|-----------------|------------------|------------------|---------|-----------------------|----|----|------------------------------------|----------------------------|
| | | | | | | 1.0" | 0.75" | 0.5" | 0.375" | No. 4 | No. 10 | No. 20 | No. 40 | No. 50 | No. 100 | No. 200 | PLASTIC INDEX: 0 MAX. | | | MAXIMUM DRY DENSITY (pcf) | OPTIMUM MOISTURE (%) |
| | | SPECIFICATION (PERCENT PASSING) | | | | | | | | | | | LIQUID LIMIT | PLASTIC LIMIT | PLASTIC INDEX | | | | | | |
| | | 100 | | | | | 40-70 | 5-55 | | | | | | | | | 0-10 | | | | |
| LVSCF-1-R | 7/7/2014 | 55,099.5 | 34,612.5 | 9,347.7 | 4.2 | 100.0 | 96.0 | 75.0 | 64.0 | 41.0 | 24.0 | 16.0 | 12.0 | 10.0 | 7.0 | 5.6 | NV | NP | NP | - | - |
| LVSCF-2-R | 7/7/2014 | 55,717.5 | 34,540.9 | 9,346.2 | 4.4 | 100.0 | 96.0 | 72.0 | 59.0 | 38.0 | 24.0 | 16.0 | 12.0 | 10.0 | 7.0 | 5.6 | NV | NP | NP | - | - |
| LVSCF-3-R | 7/10/2014 | 55,053.9 | 34,396.0 | 9,375.7 | 5.4 | 100.0 | 99.0 | 81.0 | 70.0 | 50.0 | 33.0 | 21.0 | 16.0 | 14.0 | 10.0 | 7.6 | NV | NP | NP | - | - |
| LVSCF-4-R | 7/21/2014 | 5,526.6 | 34,611.9 | 9,347.2 | 2.6 | 100.0 | 93.0 | 69.0 | 59.0 | 40.0 | 27.0 | 19.0 | 14.0 | 13.0 | 9.0 | 7.4 | NV | NP | NP | - | - |
| LVSCF-5-R | 7/21/2014 | 54,869.9 | 33,955.3 | 9,434.9 | 4.1 | 100.0 | 93.0 | 74.0 | 64.0 | 45.0 | 30.0 | 20.0 | 15.0 | 13.0 | 10.0 | 7.4 | NV | NP | NP | - | - |
| LVSCF-6-R | 7/25/2014 | 55,387.2 | 34,733.2 | 9,360.2 | 4.8 | 100.0 | 94.0 | 68.0 | 54.0 | 31.0 | 20.0 | 14.0 | 11.0 | 9.0 | 7.0 | 5.1 | NV | NP | NP | - | - |
| LVSCF-7-R | 7/26/2014 | 54,982.1 | 34,184.9 | 9,434.1 | 6.6 | 100.0 | 94.0 | 79.0 | 71.0 | 53.0 | 37.0 | 27.0 | 21.0 | 19.0 | 15.0 | 12.0 | NV | NP | NP | - | - |
| LVSCF-7A-R | 7/27/2014 | Retest | | - | 4.9 | 100.0 | 96.0 | 80.0 | 70.0 | 49.0 | 32.0 | 22.0 | 16.0 | 14.0 | 10.0 | 6.9 | NV | NP | NP | - | - |
| LVSCF-7B-R | 7/27/2014 | Retest | | - | - | 100.0 | 97.0 | 82.0 | 68.0 | 54.0 | 36.0 | 25.0 | 18.0 | 16.0 | 12.0 | 8.8 | NV | NP | NP | - | - |
| LVSCF-8-R | 7/28/2014 | 54,780.0 | 34,102.1 | 9,433.2 | 8.1 | 100.0 | 96.0 | 80.0 | 72.0 | 51.0 | 34.0 | 23.0 | 17.0 | 15.0 | 11.0 | 8.9 | NV | NP | NP | - | - |
| LVSCF-8A-R | 7/30/2014 | Retest | | - | 6.1 | 100.0 | 92.0 | 73.0 | 63.0 | 44.0 | 30.0 | 21.0 | 16.0 | 14.0 | 10.0 | 7.9 | NV | NP | NP | - | - |
| LVSCF-8B-R | 7/30/2014 | Retest | | - | 4.3 | 100.0 | 97.0 | 77.0 | 68.0 | 49.0 | 34.0 | 24.0 | 18.0 | 16.0 | 12.0 | 9.1 | NV | NP | NP | - | - |
| LVSCF-9-R | 8/3/2014 | 54,646.8 | 34,235.6 | 9,410.2 | 6.1 | 100.0 | 95.0 | 73.0 | 61.0 | 40.0 | 26.0 | 17.0 | 13.0 | 12.0 | 9.0 | 6.7 | NV | NP | NP | - | - |
| LVSCF-10-R | 8/3/2014 | 54,438.1 | 34,467.2 | 9,426.4 | 5.5 | 100.0 | 95.0 | 73.0 | 62.0 | 42.0 | 27.0 | 18.0 | 14.0 | 12.0 | 9.0 | 6.9 | NV | NP | NP | - | - |
| LVSCF-11-R | 8/5/2014 | 54,677.9 | 34,574.3 | 9,376.0 | 7.2 | 100.0 | 95.0 | 75.0 | 66.0 | 45.0 | 29.0 | 19.0 | 14.0 | 12.0 | 9.0 | 7.3 | NV | NP | NP | - | - |
| LVSCF-12-R | 8/5/2014 | 54,654.9 | 34,787.1 | 9,442.4 | 6.6 | 100.0 | 94.0 | 63.0 | 52.0 | 33.0 | 21.0 | 15.0 | 11.0 | 10.0 | 7.0 | 5.6 | NV | NP | NP | - | - |
| LVSCF-13-R | 8/13/2014 | 54,921.8 | 34,778.7 | 9,370.5 | 7.4 | 100.0 | 96.0 | 81.0 | 68.0 | 52.0 | 35.0 | 25.0 | 19.0 | 17.0 | 13.0 | 9.9 | NV | NP | NP | - | - |
| LVSCF-14-R | 8/20/2014 | 54,724.2 | 34,464.4 | 9,343.5 | 6.7 | 100.0 | 94.0 | 73.0 | 60.0 | 39.0 | 24.0 | 16.0 | 12.0 | 10.0 | 7.0 | 5.7 | NV | NP | NP | 123.4 | 11.8 |
| LVSCF-15-R | 9/3/2014 | 55,315.3 | 35,275.0 | 9,425.1 | 4.7 | 100.0 | 96.0 | 71.0 | 61.0 | 41.0 | 27.0 | 18.0 | 14.0 | 12.0 | 9.0 | 6.8 | NV | NP | NP | - | - |
| LVSCF-16-R | 9/2/2014 | 55,486.4 | 34,849.5 | 9,362.4 | 3.4 | 100.0 | 96.0 | 76.0 | 64.0 | 46.0 | 31.0 | 21.0 | 16.0 | 14.0 | 10.0 | 7.8 | NV | NP | NP | - | - |
| LVSCF-17-R | 9/3/2014 | 54,990.7 | 35,039.0 | 9,431.6 | 4.2 | 100.0 | 98.0 | 85.0 | 77.0 | 58.0 | 41.0 | 29.0 | 22.0 | 19.0 | 14.0 | 11.0 | NV | NP | NP | - | - |
| LVSCF-17A-R | 9/15/2014 | Retest | | - | 4.1 | 100.0 | 97.0 | 87.0 | 70.0 | 51.0 | 39.0 | 27.0 | 20.0 | 17.0 | 13.0 | 10.0 | NV | NP | NP | - | - |
| LVSCF-17B-R | 9/15/2014 | Retest | | - | 4.0 | 100.0 | 98.0 | 85.0 | 68.0 | 55.0 | 37.0 | 25.0 | 19.0 | 17.0 | 12.0 | 9.6 | NV | NP | NP | - | - |
| LVSCF-18-R | 9/3/2014 | 55,651.9 | 35,092.3 | 9,348.8 | 3.8 | 100.0 | 96.0 | 76.0 | 63.0 | 40.0 | 26.0 | 18.0 | 13.0 | 12.0 | 9.0 | 6.8 | NV | NP | NP | - | - |
| LVSCF-19-R | 9/4/2014 | 55,218.6 | 34,852.5 | 9,348.8 | 3.8 | 100.0 | 99.0 | 89.0 | 69.0 | 53.0 | 39.0 | 27.0 | 20.0 | 17.0 | 13.0 | 10.0 | NV | NP | NP | - | - |
| LVSCF-20-R | 9/4/2014 | 55,188.5 | 34,880.0 | 9,362.5 | 3.9 | 100.0 | 98.0 | 83.0 | 70.0 | 49.0 | 31.0 | 20.0 | 15.0 | 13.0 | 10.0 | 7.6 | NV | NP | NP | - | - |
| LVSCF-21-R | 9/4/2014 | 55,565.3 | 34,590.4 | 9,448.4 | 3.6 | 100.0 | 96.0 | 79.0 | 68.0 | 44.0 | 27.0 | 18.0 | 13.0 | 12.0 | 9.0 | 6.7 | NV | NP | NP | - | - |
| LVSCF-22-R | 9/5/2014 | 55,291.0 | 34,922.8 | 9,351.5 | 6.0 | 100.0 | 98.0 | 80.0 | 70.0 | 51.0 | 34.0 | 23.0 | 18.0 | 15.0 | 12.0 | 8.9 | NV | NP | NP | - | - |
| LVSCF-23-R | 9/5/2014 | 55,492.6 | 34,902.4 | 9,351.3 | 6.6 | 100.0 | 96.0 | 82.0 | 65.0 | 54.0 | 37.0 | 25.0 | 19.0 | 17.0 | 12.0 | 9.4 | NV | NP | NP | - | - |
| LVSCF-24-R | 9/6/2014 | 55,194.5 | 35,020.4 | 9,394.6 | 3.9 | 100.0 | 99.0 | 83.0 | 67.0 | 46.0 | 27.0 | 17.0 | 12.0 | 11.0 | 8.0 | 6.4 | NV | NP | NP | - | - |
| LVSCF-25-R | 9/6/2014 | 55,461.3 | 34,827.9 | 9,359.5 | 4.4 | 100.0 | 95.0 | 78.0 | 66.0 | 43.0 | 27.0 | 18.0 | 13.0 | 12.0 | 9.0 | 6.7 | NV | NP | NP | - | - |
| LVSCF-26-R | 9/8/2014 | 55,517.9 | 34,758.5 | 9,394.9 | 4.7 | 100.0 | 95.0 | 81.0 | 65.0 | 51.0 | 34.0 | 23.0 | 18.0 | 16.0 | 12.0 | 9.1 | NV | NP | NP | - | - |
| LVSCF-27-R | 9/8/2014 | 55,675.9 | 35,285.3 | 9,378.9 | 4.8 | 100.0 | 97.0 | 80.0 | 70.0 | 50.0 | 33.0 | 23.0 | 18.0 | 16.0 | 12.0 | 9.3 | NV | NP | NP | - | - |

Table 11
Cripple Creek & Victor Gold Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
CQA Earthworks Laboratory Testing Summary - Drain Cover Fill



| SAMPLE NUMBER | DATE TESTED | LOCATION | | ELEV. (feet) | NATURAL MOISTURE (%) | GRAINSIZE DISTRIBUTION (PERCENT PASSING) | | | | | | | | | | | | ATTERBERG | | |
|------------------|----------------|---------------------------------|----------|-----------------|----------------------------|--|-------|-------|-------|--------|-------|--------|--------|-----------------|------------------|------------------|---------|-----------------------|----|----|
| | | | | | | 1.5" | 1.0" | 0.75" | 0.50" | 0.375" | No. 4 | No. 10 | No. 20 | No. 40 | No. 50 | No. 100 | No. 200 | PLASTIC INDEX: 0 MAX. | | |
| | | SPECIFICATION (PERCENT PASSING) | | | | | | | | | | | | LIQUID LIMIT | PLASTIC LIMIT | PLASTIC INDEX | | | | |
| | | 100 | | | | 70-100 | | - | 5-50 | | | | | | | | | 0-8 | | |
| DCF-1-R | 9/15/2014 | 55,494.8 | 35,459.9 | 9,454.1 | 3.7 | 100.0 | 100.0 | 94.0 | 69.0 | 56.0 | 36.0 | 22.0 | 15.0 | 11.0 | 10.0 | 7.0 | 5.5 | NV | NP | NP |
| DCF-2-R | 9/22/2014 | 55,185.0 | 35,160.1 | 9,422.6 | 10 | 100.0 | 97.0 | 93.0 | 82.0 | 74.0 | 50.0 | 36.0 | 25.0 | 18.0 | 16.0 | 11.0 | 8.0 | NV | NP | NP |
| DCF-3-R | 9/22/2014 | 55,284.7 | 35,233.7 | 9,425.5 | 8.6 | 100.0 | 100.0 | 96.0 | 85.0 | 75.0 | 56.0 | 37.0 | 25.0 | 18.0 | 15.0 | 11.0 | 8.4 | NV | NP | NP |
| DCF-3A-R | 9/23/2014 | Retest | | - | 6.6 | 100.0 | 99.0 | 93.0 | 82.0 | 75.0 | 45.0 | 37.0 | 25.0 | 18.0 | 16.0 | 12.0 | 8.0 | NV | NP | NP |
| DCF-3B-R | 9/23/2014 | Retest | | - | 7.3 | 100.0 | 97.0 | 92.0 | 78.0 | 69.0 | 47.0 | 31.0 | 20.0 | 15.0 | 13.0 | 9.0 | 7.1 | NV | NP | NP |
| DCF-4-R | 9/25/2014 | 55,348.0 | 34,767.7 | 9,350.0 | 3.8 | 100.0 | 100.0 | 96.0 | 86.0 | 78.0 | 49.0 | 33.0 | 26.0 | 19.0 | 16.0 | 11.0 | 8.0 | NV | NP | NP |
| DCF-5-R | 9/25/2014 | 55,266.3 | 34,516.7 | 9,383.3 | 4.5 | 100.0 | 100.0 | 94.0 | 83.0 | 74.0 | 55.0 | 38.0 | 25.0 | 18.0 | 16.0 | 12.0 | 8.8 | NV | NP | NP |
| DCF-5A-R | 9/27/2014 | Retest | | - | 3.9 | 100.0 | 98.0 | 87.0 | 69.0 | 59.0 | 39.0 | 25.0 | 16.0 | 12.0 | 10.0 | 8.0 | 5.7 | NV | NP | NP |
| DCF-5B-R | 9/27/2014 | Retest | | - | 3.6 | 100.0 | 99.0 | 89.0 | 70.0 | 59.0 | 40.0 | 26.0 | 17.0 | 13.0 | 11.0 | 8.0 | 6.5 | NV | NP | NP |
| DCF-6-R | 10/3/2014 | 55,225.0 | 34,398.7 | 9,413.0 | 2.8 | 100.0 | 100.0 | 82.0 | 57.0 | 47.0 | 28.0 | 17.0 | 11.0 | 8.0 | 7.0 | 5.0 | 3.6 | NV | NP | NP |
| DCF-7-R | 10/7/2014 | 55,626.1 | 35,176.1 | 9,356.9 | 2.7 | 100.0 | 99.0 | 92.0 | 76.0 | 69.0 | 48.0 | 31.0 | 20.0 | 15.0 | 13.0 | 10.0 | 7.7 | NV | NP | NP |

Table 12
Cripple Creek & Victor Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Nuclear Gauge Moisture-Density Testing Summary-Soil Liner Fill



| TEST NUMBER | DATE TESTED | LOCATION | DEPTH (inches) | LABORATORY | | | OVEN MOISTURE CONTENT (%) | FIELD | | | PASS/FAIL |
|-------------|-------------|--|----------------|---------------|------------------------|----------------------|---------------------------|-------------------|--------------------------|----------------|-----------|
| | | | | SAMPLE NUMBER | MAX. DRY DENSITY (pcf) | OPTIMUM MOISTURE (%) | | DRY DENSITY (pcf) | SPECIFIED COMPACTION (%) | COMPACTION (%) | |
| N1 | 06/06/14 | N 54,763.4 E 34,465.2 PSSA Sump | 10 | SLF-1-R | 121.5 | 11.1 | 10.3 | 116.0 | 95 | 95 | Pass |
| N2 | 06/06/14 | N 54,757.0 E 34,477.0 PSSA Sump | 10 | SLF-1-R | 121.5 | 11.1 | 10.3 | 120.5 | 95 | 99 | Pass |
| N3 | 06/06/14 | N 54,745.7 E 34,498.8 PSSA Sump Slope | 10 | SLF-1-R | 121.5 | 11.1 | 9.6 | 118.4 | 95 | 97 | Pass |
| N4 | 06/06/14 | N 54,812.0 E 34,493.2 PSSA Sump Slope | 10 | SLF-1-R | 121.5 | 11.1 | 10.9 | 117.2 | 95 | 96 | Pass |
| N5 | 06/09/14 | N 55,283.0 E 34,372.7 West Slope | 8 | SLF-2-R | 120.4 | 12.1 | 13.4 | 120.3 | 95 | 100 | Pass |
| N6 | 06/09/14 | N 55,241.0 E 34,415.2 West Slope | 8 | SLF-2-R | 120.4 | 12.1 | 13.5 | 117.1 | 95 | 97 | Pass |
| N7 | 06/09/14 | N 55,247.9 E 34,322.5 West Slope | 8 | SLF-2-R | 120.4 | 12.1 | 13.6 | 120.1 | 95 | 100 | Pass |
| N8 | 06/09/14 | N 55,145.6 E 34,553.6 West Slope | 8 | SLF-2-R | 120.4 | 12.1 | 10.1 | 120.4 | 95 | 100 | Pass |
| N9 | 06/09/14 | N 55,151.2 E 34,501.7 West Slope | 10 | SLF-2-R | 120.4 | 12.1 | 11.4 | 120.4 | 95 | 100 | Pass |
| N10 | 06/09/14 | N 55,150.3 E 34,443.3 West Slope | 10 | SLF-2-R | 120.4 | 12.1 | 11.1 | 120.3 | 95 | 100 | Pass |
| N11 | 06/09/14 | N 54,801.0 E 34,485.8 West Slope | 10 | SLF-2-R | 120.4 | 12.1 | 10.9 | 116.4 | 95 | 97 | Pass |
| N12 | 06/10/14 | N 55,089.1 E 34,452.0 N Slope of PSSA | 10 | SLF-2-R | 120.4 | 12.1 | 7.8 | 118.3 | 95 | 98 | Fail |
| N12A | 06/10/14 | Retest | 10 | SLF-2-R | 120.4 | 12.1 | 10.2 | 117.1 | 95 | 97 | Pass |
| N13 | 06/10/14 | N 54,975.5 E 34,408.3 West Slope of PSSA | 10 | SLF-2-R | 120.4 | 12.1 | 7.9 | 118.6 | 95 | 99 | Fail |
| N13A | 06/10/14 | Retest | 10 | SLF-2-R | 120.4 | 12.1 | 10.4 | 120.1 | 95 | 100 | Pass |
| N14 | 06/10/14 | N 54,787.6 E 34,123.3 ADR Platform | 10 | SLF-2-R | 120.4 | 12.1 | 8.9 | 117.3 | 95 | 97 | Fail |
| N14A | 06/10/14 | Retest | 10 | SLF-2-R | 120.4 | 12.1 | 10.6 | 120.4 | 95 | 100 | Pass |
| N15 | 06/11/14 | N 55,006.1 E 34,105.6 ADR Platform | 10 | SLF-3-R | 123.8 | 11.1 | 9.1 | 120.4 | 95 | 97 | Pass |
| N16 | 06/11/14 | N 54,716.6 E 34,079.2 ADR Platform | 10 | SLF-4-R | 121.2 | 12.0 | 7.1 | 118.6 | 95 | 98 | Fail |
| N16A | 06/12/14 | Retest | 10 | SLF-4-R | 121.2 | 12.0 | 10.0 | 118.1 | 95 | 97 | Pass |
| N17 | 06/12/14 | N 54,806.6 E 33,891.3 ADR North Slope | 8 | SLF-4-R | 121.2 | 12.0 | 12.4 | 118.2 | 95 | 98 | Pass |
| N18 | 06/12/14 | N 54,780.3 E 33,932.2 ADR South Slope | 8 | SLF-4-R | 121.2 | 12.0 | 11.1 | 121.2 | 95 | 100 | Pass |
| N19 | 06/12/14 | N 54,713.9 E 34,082.8 ADR South Slope | 8 | SLF-4-R | 121.2 | 12.0 | 11.8 | 118.6 | 95 | 98 | Pass |
| N20 | 06/13/14 | N 54,916.2 E 34,411.4 W Slope below ADR | 10 | SLF-2-R | 120.4 | 12.1 | 10.8 | 117.4 | 95 | 98 | Pass |
| N21 | 06/14/14 | N 54,876.3 E 34,416.5 W Slope below ADR | 10 | SLF-4-R | 121.2 | 12.0 | 11.8 | 117.2 | 95 | 97 | Pass |
| N22 | 06/14/14 | N 54,891.2 E 34,329.1 W Slope below ADR | 10 | SLF-4-R | 121.2 | 12.0 | 12.4 | 119.4 | 95 | 99 | Pass |
| N23 | 06/14/14 | N 54,799.1 E 34,394.5 W Slope below ADR | 10 | SLF-4-R | 121.2 | 12.0 | 12.1 | 121.2 | 95 | 100 | Pass |
| N24 | 06/14/14 | N 54,837.9 E 34,313.5 W Slope below ADR | 10 | SLF-4-R | 121.2 | 12.0 | 12.6 | 118.6 | 95 | 98 | Pass |
| N25 | 06/16/14 | N 54,739.0 E 34,214.9 W Slope below ADR | 10 | SLF-4-R | 121.2 | 12.0 | 11.5 | 121.0 | 95 | 100 | Pass |
| N26 | 06/16/14 | N 54,734.5 E 34,170.4 W Slope below ADR | 10 | SLF-4-R | 121.2 | 12.0 | 12.4 | 120.6 | 95 | 100 | Pass |
| N27 | 06/17/14 | N 54,613.9 E 34,128.0 S Slope of PSSA | 10 | SLF-4-R | 121.2 | 12.0 | 11.5 | 120.9 | 95 | 100 | Pass |
| N28 | 06/17/14 | N 54,636.2 E 34,220.1 S Slope of PSSA | 10 | SLF-4-R | 121.2 | 12.0 | 11.1 | 121.2 | 95 | 100 | Pass |

Table 12
Cripple Creek & Victor Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Nuclear Gauge Moisture-Density Testing Summary-Soil Liner Fill



| TEST NUMBER | DATE TESTED | LOCATION | DEPTH (inches) | LABORATORY | | | OVEN MOISTURE CONTENT (%) | FIELD | | | PASS/FAIL |
|-------------|-------------|---|----------------|---------------|------------------------|----------------------|---------------------------|-------------------|--------------------------|----------------|-----------|
| | | | | SAMPLE NUMBER | MAX. DRY DENSITY (pcf) | OPTIMUM MOISTURE (%) | | DRY DENSITY (pcf) | SPECIFIED COMPACTION (%) | COMPACTION (%) | |
| N29 | 06/17/14 | N 54,699.3 E 34,328.0 S Slope of PSSA | 10 | SLF-4-R | 121.2 | 12.0 | 10.4 | 120.4 | 95 | 99 | Pass |
| N30 | 06/17/14 | N 54,587.5 E 34,278.7 S Slope of PSSA | 10 | SLF-4-R | 121.2 | 12.0 | 10.0 | 121.1 | 95 | 100 | Pass |
| N31 | 06/18/14 | N 54,744.6 E 34,386.2 S Slope of PSSA | 8 | SLF-5-R | 119.1 | 11.4 | 9.7 | 119.1 | 95 | 100 | Pass |
| N32 | 06/19/14 | N 54,483.7 E 34,281.3 S Slope of PSSA | 10 | SLF-5-R | 119.1 | 11.4 | 9.2 | 112.1 | 95 | 94 | Fail |
| N32A | 06/19/14 | Retest | 10 | SLF-5-R | 119.1 | 11.4 | 10.5 | 119.1 | 95 | 100 | Pass |
| N33 | 06/19/14 | N 54,514.0 E 34,313.4 S Slope of PSSA | 10 | SLF-5-R | 119.1 | 11.4 | 12.1 | 118.2 | 95 | 99 | Pass |
| N34 | 06/19/14 | N 54,557.8 E 34,376.6 S Slope of PSSA | 10 | SLF-9-R | 116.4 | 12.3 | 11.1 | 119.0 | 95 | 100+ | Pass |
| N35 | 06/19/14 | N 54,597.7 E 34,382.5 S Slope of PSSA | 10 | SLF-9-R | 116.4 | 12.3 | 12.2 | 118.6 | 95 | 100+ | Pass |
| N36 | 06/19/14 | N 54,561.1 E 34,370.3 S Slope of PSSA | 10 | SLF-9-R | 116.4 | 12.3 | 12.3 | 116.1 | 95 | 100 | Pass |
| N37 | 06/19/14 | N 54,805.7 E 34,534.6 PSSA floor S of Closure Drain | 10 | SLF-5-R | 119.1 | 11.4 | 8.7 | 114.6 | 95 | 96 | Fail |
| N37A | 06/20/14 | Retest | 10 | SLF-5-R | 119.1 | 11.4 | 9.6 | 119.1 | 95 | 100 | Pass |
| N38 | 06/19/14 | N 54,820.5 E 34,493.1 PSSA floor S of Closure Drain | 10 | SLF-5-R | 119.1 | 11.4 | 10.5 | 115.3 | 95 | 97 | Pass |
| N39 | 06/19/14 | N 54,753.2 E 34,467.6 Closure Drain | 10 | SLF-5-R | 119.1 | 11.4 | 12.6 | 116.1 | 95 | 97 | Pass |
| N40 | 06/19/14 | N 54,761.7 E 34,439.3 Closure Drain | 10 | SLF-5-R | 119.1 | 11.4 | 10.5 | 118.4 | 95 | 99 | Pass |
| N41 | 06/20/14 | N 54,729.9 E 34,536.9 E Slope of PSSA | 10 | SLF-5-R | 119.1 | 11.4 | 9.9 | 116.1 | 95 | 97 | Pass |
| N42 | 06/20/14 | N 54,658.8 E 34,560.4 E Slope of PSSA | 10 | SLF-5-R | 119.1 | 11.4 | 12.4 | 116.4 | 95 | 98 | Pass |
| N43 | 06/20/14 | N 54,560.8 E 34,728.0 E Slope of PSSA | 10 | SLF-7-R | 116.1 | 13.0 | 12.2 | 116.1 | 95 | 100 | Pass |
| N44 | 06/20/14 | N 54,366.0 E 34,431.8 Top of PSSA Riser Trench | 10 | SLF-8-R | 120.6 | 10.9 | 12.2 | 120.6 | 95 | 100 | Pass |
| N45 | 06/24/14 | N 54,788.1 E 34,623.9 S PSSA Slope | 10 | SLF-6-R | 119.5 | 12.3 | 10.4 | 119.5 | 95 | 100 | Pass |
| N46 | 06/24/14 | N 55,225.5 E 34,543.3 N PSSA Slope | 10 | SLF-1-R | 121.5 | 11.1 | 10.0 | 119.3 | 95 | 98 | Pass |
| N47 | 06/24/14 | N 55,283.9 E 34,483.4 N PSSA Slope | 10 | SLF-1-R | 121.5 | 11.1 | 0.0 | 114.1 | 95 | 94 | Fail |
| N47A | 06/24/14 | Retest | 10 | SLF-1-R | 121.5 | 11.1 | 10.9 | 117.9 | 95 | 97 | Pass |
| N48 | 06/25/14 | N 55,278.1 E 34,650.0 N Slope of PSSA | 10 | SLF-1-R | 121.5 | 11.1 | 10.6 | 120.4 | 95 | 99 | Pass |
| N49 | 06/25/14 | N 55,295.7 E 34,586.9 N Slope of PSSA | 10 | SLF-1-R | 121.5 | 11.1 | 11.8 | 121.4 | 95 | 100 | Pass |
| N50 | 06/25/14 | N 55,341.1 E 34,565.5 N Slope of PSSA | 10 | SLF-1-R | 121.5 | 11.1 | 12.5 | 119.8 | 95 | 99 | Pass |
| N51 | 06/25/14 | N 55,384.4 E 34,553.3 N Slope of PSSA | 10 | SLF-1-R | 121.5 | 11.1 | 11.8 | 119.1 | 95 | 98 | Pass |
| N52 | 06/25/14 | N 55,342.2 E 34,652.6 N Slope of PSSA | 10 | SLF-1-R | 121.5 | 11.1 | 11.4 | 117.1 | 95 | 96 | Pass |
| N53 | 06/25/14 | N 55,366.3 E 34,603.3 N Slope of PSSA | 10 | SLF-11-R | 118.0 | 10.8 | 8.9 | 117.7 | 95 | 100 | Pass |
| N54 | 06/25/14 | N 55,419.4 E 34,668.5 N Slope of PSSA | 10 | SLF-11-R | 118.0 | 10.8 | 9.4 | 118.0 | 95 | 100 | Pass |
| N55 | 06/25/14 | N 55,484.9 E 34,658.9 N Slope of PSSA | 10 | SLF-11-R | 118.0 | 10.8 | 9.3 | 118.0 | 95 | 100 | Pass |
| N56 | 06/26/14 | N 54,801.0 E 34,686.9 S Slope of PSSA | 10 | SLF-6-R | 119.5 | 12.3 | 11.1 | 118.1 | 95 | 99 | Pass |
| N57 | 06/26/14 | N 54,761.0 E 34,778.7 S Slope of PSSA | 10 | SLF-6-R | 119.5 | 12.3 | 10.6 | 119.4 | 95 | 100 | Pass |

Notes:
SLF-Soil Liner Fill
N, S, E, W-Cardinal Directions

Table 12
Cripple Creek & Victor Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Nuclear Gauge Moisture-Density Testing Summary-Soil Liner Fill



| TEST NUMBER | DATE TESTED | LOCATION | DEPTH (inches) | LABORATORY | | | OVEN MOISTURE CONTENT (%) | FIELD | | | PASS/FAIL |
|-------------|-------------|--|----------------|---------------|------------------------|----------------------|---------------------------|-------------------|--------------------------|----------------|-----------|
| | | | | SAMPLE NUMBER | MAX. DRY DENSITY (pcf) | OPTIMUM MOISTURE (%) | | DRY DENSITY (pcf) | SPECIFIED COMPACTION (%) | COMPACTION (%) | |
| N58 | 06/26/14 | N 54,805.9 E 34,821.8 S Slope of PSSA | 10 | SLF-6-R | 119.5 | 12.3 | 10.8 | 119.1 | 95 | 100 | Pass |
| N59 | 06/26/14 | N 54,832.5 E 34,797.9 S Slope of PSSA | 10 | SLF-6-R | 119.5 | 12.3 | 10.4 | 119.5 | 95 | 100 | Pass |
| N60 | 06/26/14 | N 54,816.4 E 34,623.0 S Slope of PSSA | 10 | SLF-6-R | 119.5 | 12.3 | 11.0 | 118.8 | 95 | 99 | Pass |
| N61 | 06/27/14 | N 55,599.3 E 34,858.5 NW Slope of PSSA | 10 | SLF-12-R | 119.1 | 12.6 | 10.6 | 119.1 | 95 | 100 | Pass |
| N62 | 06/27/14 | N 55,599.6 E 34,858.1 NW Slope of PSSA | 10 | SLF-12-R | 119.1 | 12.6 | 10.9 | 119.1 | 95 | 100 | Pass |
| N63 | 06/27/14 | N 55,527.8 E 34,858.7 NW Slope of PSSA | 10 | SLF-12-R | 119.1 | 12.6 | 11.1 | 118.4 | 95 | 99 | Pass |
| N64 | 06/27/14 | N 55,473.3 E 34,731.8 NW Slope of PSSA | 10 | SLF-12-R | 119.1 | 12.6 | 11.2 | 118.6 | 95 | 100 | Pass |
| N65 | 06/28/14 | N 55,323.9 E 34,769.9 PSSA Floor | 10 | SLF-10-R | 120.8 | 11.5 | 10.2 | 120.6 | 95 | 100 | Pass |
| N66 | 06/28/14 | N 55,310.3 E 34,723.1 PSSA Floor | 10 | SLF-10-R | 120.8 | 11.5 | 10.1 | 119.8 | 95 | 99 | Pass |
| N67 | 06/28/14 | N 55,285.1 E 34,689.6 PSSA Floor | 10 | SLF-10-R | 120.8 | 11.5 | 10.1 | 119.8 | 95 | 99 | Pass |
| N68 | 06/28/14 | N 55,169.9 E 34,662.8 PSSA Floor | 10 | SLF-10-R | 120.8 | 11.5 | 10.4 | 120.8 | 95 | 100 | Pass |
| N69 | 06/28/14 | N 55,167.6 E 34,616.8 PSSA Floor | 10 | SLF-10-R | 120.8 | 11.5 | 9.8 | 120.6 | 95 | 100 | Pass |
| N70 | 06/28/14 | N 55,134.0 E 34,575.5 PSSA Floor | 10 | SLF-10-R | 120.8 | 11.5 | 9.9 | 120.4 | 95 | 100 | Pass |
| N71 | 06/28/14 | N 55,083.5 E 34,597.5 PSSA Floor | 10 | SLF-10-R | 120.8 | 11.5 | 10.0 | 120.8 | 95 | 100 | Pass |
| N72 | 7/1/2014 | N 55,570.7 E 34,931.7 W Slope of PSSA | 10 | SLF-12-R | 119.1 | 12.6 | 11.8 | 118.9 | 95 | 100 | Pass |
| N73 | 7/1/2014 | N 55,639.6 E 34,880.7 W Slope of PSSA | 10 | SLF-12-R | 119.1 | 12.6 | 10.7 | 120.8 | 95 | 100+ | Pass |
| N74 | 7/2/2014 | N 55,632.0 E 35,007.8 N Slope of PSSA | 10 | SLF-12-R | 119.1 | 12.6 | 10.6 | 123.7 | 95 | 100+ | Pass |
| N75 | 7/2/2014 | N 55,689.8 E 34,941.5 N Slope of PSSA | 10 | SLF-12-R | 119.1 | 12.6 | 11.4 | 123.2 | 95 | 100+ | Pass |
| N76 | 7/2/2014 | N 55,746.7 E 34,908.9 N Slope of PSSA | 10 | SLF-12-R | 119.1 | 12.6 | 10.8 | 127.5 | 95 | 100+ | Pass |
| N77 | 7/2/2014 | N 55,806.1 E 34,896.7 N Slope of PSSA | 10 | SLF-12-R | 119.1 | 12.6 | 12.6 | 124.2 | 95 | 100+ | Pass |
| N78 | 7/2/2014 | N 55,697.7 E 35,028.5 N Slope of PSSA | 10 | SLF-12-R | 119.1 | 12.6 | 10.7 | 119.4 | 95 | 100+ | Pass |
| N79 | 7/3/2014 | N 55,233.6 E 34,706.6 PSSA Floor | 10 | SLF-10-R | 120.8 | 11.5 | 12.0 | 123.1 | 95 | 100+ | Pass |
| N80 | 07/08/14 | N 54,842.8 E 34,828.4 E Slope of PSSA | 10 | SLF-14-R | 116.6 | 11.5 | 10.0 | 116.4 | 95 | 100 | Pass |
| N81 | 07/08/14 | N 54,950.6 E 34,950.7 E Slope of PSSA | 10 | SLF-14-R | 116.6 | 11.5 | 10.1 | 116.6 | 95 | 100 | Pass |
| N82 | 07/08/14 | N 54,830.2 E 34,875.9 E Slope of PSSA | 10 | SLF-14-R | 116.6 | 11.5 | 9.8 | 115.8 | 95 | 99 | Pass |
| N83 | 07/09/14 | N 54,813.4 E 34,932.6 E Slope of PSSA | 10 | SLF-14-R | 116.6 | 11.5 | 11.5 | 116.4 | 95 | 100 | Pass |
| N84 | 07/09/14 | N 54,941.5 E 34,872.9 E Slope of PSSA | 10 | SLF-14-R | 116.6 | 11.5 | 12.2 | 116.5 | 95 | 100 | Pass |
| N85 | 07/09/14 | N 54,906.3 E 34,942.5 E Slope of PSSA | 10 | SLF-14-R | 116.6 | 11.5 | 12.9 | 115.9 | 95 | 99 | Pass |
| N86 | 07/09/14 | N 54,894.0 E 35,017.8 E Slope of PSSA | 10 | SLF-14-R | 116.6 | 11.5 | 12.9 | 115.4 | 95 | 99 | Pass |
| N87 | 07/09/14 | N 55,007.9 E 34,935.4 E Slope of PSSA | 10 | SLF-14-R | 116.6 | 11.5 | 12.2 | 116.5 | 95 | 100 | Pass |
| N88 | 07/09/14 | N 55,006.8 E 34,995.9 E Slope of PSSA | 10 | SLF-14-R | 116.6 | 11.5 | 11.8 | 114.7 | 95 | 98 | Pass |
| N89 | 07/09/14 | N 55,000.1 E 35,070.1 E Slope of PSSA | 10 | SLF-14-R | 116.6 | 11.5 | 12.2 | 115.8 | 95 | 99 | Pass |

Notes:
SLF-Soil Liner Fill
N, S, E, W-Cardinal Directions

Table 12
Cripple Creek & Victor Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Nuclear Gauge Moisture-Density Testing Summary-Soil Liner Fill



| TEST NUMBER | DATE TESTED | LOCATION | DEPTH (inches) | LABORATORY | | | OVEN MOISTURE CONTENT (%) | FIELD | | | PASS/FAIL |
|-------------|-------------|---|----------------|---------------|------------------------|----------------------|---------------------------|-------------------|--------------------------|----------------|-----------|
| | | | | SAMPLE NUMBER | MAX. DRY DENSITY (pcf) | OPTIMUM MOISTURE (%) | | DRY DENSITY (pcf) | SPECIFIED COMPACTION (%) | COMPACTION (%) | |
| N90 | 07/09/14 | N 54,869.7 E 34,941.9 E Slope of PSSA | 10 | SLF-14-R | 116.6 | 11.5 | 8.6 | 116.4 | 95 | 100 | Fail |
| N90A | 07/10/14 | Retest | 10 | SLF-14-R | 116.6 | 11.5 | 10.5 | 116.4 | 95 | 100 | Pass |
| N91 | 07/10/14 | N 54,993.8 E 34,823.8 Toe of PSSA Slope | 10 | SLF-14-R | 116.6 | 11.5 | 10.7 | 116.6 | 95 | 100 | Pass |
| N92 | 07/10/14 | N 55,067.2 E 34,924.2 Toe of PSSA Slope | 10 | SLF-14-R | 116.6 | 11.5 | 11.3 | 116.6 | 95 | 100 | Pass |
| N93 | 07/10/14 | N 55,734.7 E 35,064.8 N Corner of PSSA Slope | 10 | SLF-15-R | 119.8 | 10.8 | 11.5 | 118.9 | 95 | 99 | Pass |
| N94 | 07/10/14 | N 55,797.9 E 35,020.5 N Corner of PSSA Slope | 10 | SLF-15-R | 119.8 | 10.8 | 11.9 | 119.1 | 95 | 99 | Pass |
| N95 | 07/10/14 | N 55,875.2 E 34,942.4 N Corner of PSSA Slope | 10 | SLF-15-R | 119.8 | 10.8 | 11.6 | 119.3 | 95 | 100 | Pass |
| N96 | 07/11/14 | N 55,814.4 E 34,952.0 N Corner of PSSA Slope | 10 | SLF-15-R | 119.8 | 10.8 | 10.2 | 119.2 | 95 | 99 | Pass |
| N97 | 07/22/14 | N 54,907.0 E 34,558.6 PSSA Floor | 10 | SLF-10-R | 120.8 | 11.5 | 12.4 | 119.1 | 95 | 99 | Pass |
| N98 | 07/22/14 | N 54,961.5 E 34,610.2 PSSA Floor | 10 | SLF-10-R | 120.8 | 11.5 | 12.1 | 120.4 | 95 | 100 | Pass |
| N99 | 07/22/14 | N 54,919.6 E 34,618.6 Toe of ADR Road in PSSA | 10 | SLF-10-R | 120.8 | 11.5 | 11.8 | 119.8 | 95 | 99 | Pass |
| N100 | 07/22/14 | N 54,918.2 E 34,665.6 Toe of ADR Road in PSSA | 10 | SLF-10-R | 120.8 | 11.5 | 11.6 | 120.1 | 95 | 99 | Pass |
| N101 | 07/23/14 | N 54,953.8 E 34,709.6 Toe of ADR Road in PSSA | 10 | SLF-10-R | 120.8 | 11.5 | 9.5 | 119.8 | 95 | 99 | Pass |
| N102 | 07/23/14 | N 54,998.1 E 34,732.3 Toe of ADR Road in PSSA | 10 | SLF-10-R | 120.8 | 11.5 | 9.5 | 120.6 | 95 | 100 | Pass |
| N103 | 07/23/14 | N 54,979.5 E 34,609.5 PSSA Floor | 10 | SLF-10-R | 120.8 | 11.5 | 7.2 | 120.4 | 95 | 100 | Fail |
| N103A | 07/24/14 | Retest | 10 | SLF-13-R | 119.1 | 11.7 | 10.2 | 118.8 | 95 | 100 | Pass |
| N104 | 07/24/14 | N 55,003.5 E 34,674.5 PSSA Floor | 10 | SLF-13-R | 119.1 | 11.7 | 10.3 | 118.6 | 95 | 100 | Pass |
| N105 | 07/24/14 | N 55,018.8 E 34,810.3 ADR Haul Road in PSSA | 10 | SLF-13-R | 119.1 | 11.7 | 10.1 | 119.1 | 95 | 100 | Pass |
| N106 | 07/24/14 | N 55,082.0 E 34,845.5 ADR Haul Road in PSSA | 10 | SLF-13-R | 119.1 | 11.7 | 10.4 | 119.0 | 95 | 100 | Pass |
| N107 | 07/24/14 | N 55,100.7 E 34,927.4 ADR Haul Road in PSSA | 10 | SLF-13-R | 119.1 | 11.7 | 10.4 | 119.1 | 95 | 100 | Pass |
| N108 | 07/26/14 | N 55,710.6 E 34,971.7 W Slope of PSSA | 10 | SLF-17-R | 120.6 | 11.8 | 9.8 | 119.6 | 95 | 99 | Pass |
| N109 | 07/26/14 | N 55,660.9 E 35,010.7 W Slope of PSSA | 10 | SLF-17-R | 120.6 | 11.8 | 11.8 | 117.7 | 95 | 98 | Pass |
| N110 | 07/27/14 | N 55,091.7 E 35,016.2 E Slope of PSSA | 10 | SLF-13-R | 119.1 | 11.7 | 9.9 | 118.4 | 95 | 99 | Pass |
| N111 | 07/27/14 | N 55,124.8 E 35,073.0 E Slope of PSSA | 10 | SLF-13-R | 119.1 | 11.7 | 9.8 | 118.9 | 95 | 100 | Pass |
| N112 | 07/27/14 | N 55,039.8 E 35,104.4 E Slope of PSSA | 10 | SLF-13-R | 119.1 | 11.7 | 10.3 | 118.5 | 95 | 99 | Pass |
| N113 | 07/27/14 | N 55,105.3 E 35,165.9 E Slope of PSSA | 10 | SLF-13-R | 119.1 | 11.7 | 8.1 | 119.1 | 95 | 100 | Fail |
| N113A | 07/27/14 | Retest | 10 | SLF-13-R | 119.1 | 11.7 | 9.7 | 119.1 | 95 | 100 | Pass |
| N114 | 08/08/14 | N 56,019.1 E 35,089.1 W Slope of PSSA | 10 | SLF-15-R | 119.8 | 10.8 | 10.1 | 119.6 | 95 | 100 | Pass |
| N115 | 08/08/14 | N 55,901.3 E 35,009.2 W Slope of PSSA | 10 | SLF-15-R | 119.8 | 10.8 | 10.1 | 119.1 | 95 | 99 | Pass |
| N116 | 08/08/14 | N 55,954.2 E 35,026.4 W Slope of PSSA | 10 | SLF-15-R | 119.8 | 10.8 | 10.1 | 119.8 | 95 | 100 | Pass |
| N117 | 08/09/14 | N 55,983.8 E 35,130.3 N Slope of PSSA | 10 | SLF-15-R | 119.8 | 10.8 | 9.3 | 118.9 | 95 | 99 | Pass |
| N118 | 08/09/14 | N 55,921.4 E 35,111.9 N Slope of PSSA | 10 | SLF-15-R | 119.8 | 10.8 | 9.1 | 119.1 | 95 | 99 | Pass |

Notes:
SLF-Soil Liner Fill
N, S, E, W-Cardinal Directions

Table 12
Cripple Creek & Victor Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Nuclear Gauge Moisture-Density Testing Summary-Soil Liner Fill



| TEST NUMBER | DATE TESTED | LOCATION | DEPTH (inches) | LABORATORY | | | OVEN MOISTURE CONTENT (%) | FIELD | | | PASS/FAIL |
|-------------|-------------|---|----------------|---------------|------------------------|----------------------|---------------------------|-------------------|--------------------------|----------------|-----------|
| | | | | SAMPLE NUMBER | MAX. DRY DENSITY (pcf) | OPTIMUM MOISTURE (%) | | DRY DENSITY (pcf) | SPECIFIED COMPACTION (%) | COMPACTION (%) | |
| N119 | 08/09/14 | N 55,867.5 E 35,154.6 N Slope of PSSA | 10 | SLF-15-R | 119.8 | 10.8 | 9.6 | 117.8 | 95 | 98 | Pass |
| N120 | 08/09/14 | N 55,944.8 E 35,171.1 N Slope of PSSA | 10 | SLF-15-R | 119.8 | 10.8 | 10.2 | 119.4 | 95 | 100 | Pass |
| N121 | 08/09/14 | N 55,913.9 E 35,247.5 N Slope of PSSA | 10 | SLF-16-R | 120.9 | 10.8 | 10.1 | 119.2 | 95 | 99 | Pass |
| N122 | 08/09/14 | N 55,820.3 E 35,203.5 N Slope of PSSA | 10 | SLF-15-R | 119.8 | 10.8 | 10.3 | 119.6 | 95 | 100 | Pass |
| N123 | 08/10/14 | N 55,883.1 E 35,319.4 N Slope of PSSA | 10 | SLF-16-R | 120.9 | 10.8 | 9.8 | 120.8 | 95 | 100 | Pass |
| N124 | 08/13/14 | N 55,731.6 E 35,183.5 N Slope of PSSA | 10 | SLF-16-R | 120.9 | 10.8 | 8.8 | 120.4 | 95 | 100 | Pass |
| N125 | 08/13/14 | N 55,807.3 E 35,136.1 N Slope of PSSA | 10 | SLF-16-R | 120.9 | 10.8 | 8.8 | 119.9 | 95 | 99 | Pass |
| N126 | 08/13/14 | N 55,218.7 E 35,038.1 ADR Haul Road in PSSA | 10 | SLF-13-R | 119.1 | 11.7 | 10.1 | 119.1 | 95 | 100 | Pass |
| N127 | 08/13/14 | N 55,243.9 E 35,085.9 ADR Haul Road in PSSA | 10 | SLF-13-R | 119.1 | 11.7 | 10.3 | 118.9 | 95 | 100 | Pass |
| N128 | 08/13/14 | N 55,277.3 E 35,158.1 ADR Haul Road in PSSA | 10 | SLF-13-R | 119.1 | 11.7 | 10.3 | 119.1 | 95 | 100 | Pass |
| N129 | 08/13/14 | N 55,142.5 E 35,110.9 E Slope of PSSA | 10 | SLF-13-R | 119.1 | 11.7 | 9.7 | 118.9 | 95 | 100 | Pass |
| N130 | 08/13/14 | N 55,124.2 E 35,176.9 E Slope of PSSA | 10 | SLF-13-R | 119.1 | 11.7 | 9.7 | 120.0 | 95 | 100+ | Pass |
| N131 | 08/13/14 | N 55,174.7 E 35,199.0 E Slope of PSSA | 10 | SLF-13-R | 119.1 | 11.7 | 9.9 | 119.3 | 95 | 100+ | Pass |
| N132 | 08/13/14 | N 55,218.3 E 35,203.2 E Slope of PSSA | 10 | SLF-13-R | 119.1 | 11.7 | 9.8 | 119.5 | 95 | 100+ | Pass |
| N133 | 08/13/14 | N 55,304.8 E 35,195.0 E Slope of PSSA | 10 | SLF-13-R | 119.1 | 11.7 | 10.1 | 118.6 | 95 | 100 | Pass |
| N134 | 08/13/14 | N 55,246.5 E 35,226.9 E Slope of PSSA | 10 | SLF-13-R | 119.1 | 11.7 | 10.1 | 118.7 | 95 | 100 | Pass |
| N135 | 08/13/14 | N 55,294.5 E 35,294.6 ADR Haul Road in PSSA | 10 | SLF-13-R | 119.1 | 11.7 | 10.2 | 118.3 | 95 | 99 | Pass |
| N136 | 08/13/14 | N 55,369.2 E 35,264.3 ADR Haul Road in PSSA | 10 | SLF-13-R | 119.1 | 11.7 | 10.3 | 119.1 | 95 | 100 | Pass |
| N137 | 08/13/14 | N 55,328.4 E 35,321.4 E Slope of PSSA | 10 | SLF-13-R | 119.1 | 11.7 | 10.4 | 119.1 | 95 | 100 | Pass |
| N138 | 08/14/14 | N 55,420.4 E 35,287.8 E Slope of PSSA | 10 | SLF-13-R | 119.1 | 11.7 | 9.9 | 118.7 | 95 | 100 | Pass |
| N139 | 08/14/14 | N 55,412.1 E 35,360.8 E Slope of PSSA | 10 | SLF-13-R | 119.1 | 11.7 | 9.7 | 118.6 | 95 | 100 | Pass |
| N140 | 08/14/14 | N 55,374.4 E 35,364.1 E Slope of PSSA | 10 | SLF-13-R | 119.1 | 11.7 | 9.8 | 119.1 | 95 | 100 | Pass |
| N141 | 08/14/14 | N 55,472.9 E 35,388.3 E Slope of PSSA | 10 | SLF-13-R | 119.1 | 11.7 | 9.7 | 117.4 | 95 | 99 | Pass |
| N142 | 08/14/14 | N 55,404.8 E 35,407.6 E Slope of PSSA | 10 | SLF-13-R | 119.1 | 11.7 | 9.7 | 119.1 | 95 | 100 | Pass |
| N143 | 08/14/14 | N 55,487.4 E 35,450.6 E Slope of PSSA | 10 | SLF-13-R | 119.1 | 11.7 | 9.8 | 118.9 | 95 | 100 | Pass |
| N144 | 08/15/14 | N 55,090.8 E 34,671.0 PSSA Floor | 10 | SLF-18-R | 120.3 | 11.6 | 9.6 | 119.8 | 95 | 100 | Pass |
| N145 | 08/15/14 | N 55,039.1 E 34,730.2 PSSA Floor | 10 | SLF-18-R | 120.3 | 11.6 | 9.6 | 120.3 | 95 | 100 | Pass |
| N146 | 08/15/14 | N 55,093.1 E 34,734.3 PSSA Floor | 10 | SLF-18-R | 120.3 | 11.6 | 9.8 | 120.1 | 95 | 100 | Pass |
| N147 | 08/15/14 | N 55,083.8 E 34,777.5 PSSA Floor | 10 | SLF-18-R | 120.3 | 11.6 | 9.9 | 120.1 | 95 | 100 | Pass |
| N148 | 08/16/14 | N 55,179.8 E 34,783.6 PSSA Floor | 10 | SLF-10-R | 120.8 | 11.5 | 10.4 | 120.8 | 95 | 100 | Pass |
| N149 | 08/16/14 | N 55,140.1 E 34,827.6 PSSA Floor | 10 | SLF-10-R | 120.8 | 11.5 | 10.0 | 120.6 | 95 | 100 | Pass |
| N150 | 08/16/14 | N 55,164.0 E 34,870.2 PSSA Floor | 10 | SLF-10-R | 120.8 | 11.5 | 10.1 | 120.8 | 95 | 100 | Pass |

Notes:
SLF-Soil Liner Fill
N, S, E, W-Cardinal Directions

Table 12
Cripple Creek & Victor Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Nuclear Gauge Moisture-Density Testing Summary-Soil Liner Fill



| TEST NUMBER | DATE TESTED | LOCATION | DEPTH (inches) | LABORATORY | | | OVEN MOISTURE CONTENT (%) | FIELD | | | PASS/FAIL |
|-------------|-------------|--|----------------|---------------|------------------------|----------------------|---------------------------|-------------------|--------------------------|----------------|-----------|
| | | | | SAMPLE NUMBER | MAX. DRY DENSITY (pcf) | OPTIMUM MOISTURE (%) | | DRY DENSITY (pcf) | SPECIFIED COMPACTION (%) | COMPACTION (%) | |
| N151 | 08/18/14 | N 55,262.1 E 34,811.4 PSSA Floor | 10 | SLF-10-R | 120.8 | 11.5 | 9.8 | 120.1 | 95 | 99 | Pass |
| N152 | 08/18/14 | N 55,209.0 E 34,894.0 PSSA Floor | 10 | SLF-10-R | 120.8 | 11.5 | 9.9 | 119.8 | 95 | 99 | Pass |
| N153 | 08/18/14 | N 55,223.6 E 34,912.5 PSSA Floor | 10 | SLF-10-R | 120.8 | 11.5 | 10.0 | 120.8 | 95 | 100 | Pass |
| N154 | 08/18/14 | N 55,326.7 E 34,829.9 PSSA Floor | 10 | SLF-10-R | 120.8 | 11.5 | 10.2 | 120.8 | 95 | 100 | Pass |
| N155 | 08/18/14 | N 55,332.1 E 34,973.3 PSSA Floor | 10 | SLF-10-R | 120.8 | 11.5 | 10.0 | 119.4 | 95 | 99 | Pass |
| N156 | 08/18/14 | N 55,298.9 E 35,058.3 PSSA Floor | 10 | SLF-10-R | 120.8 | 11.5 | 10.1 | 120.4 | 95 | 100 | Pass |
| N157 | 08/19/14 | N 55,339.8 E 35,111.5 PSSA E Slope | 10 | SLF-10-R | 120.8 | 11.5 | 9.8 | 120.6 | 95 | 100 | Pass |
| N158 | 08/19/14 | N 55,464.6 E 34,964.2 PSSA Floor | 10 | SLF-10-R | 120.8 | 11.5 | 9.9 | 120.4 | 95 | 100 | Pass |
| N159 | 08/20/14 | N 55,508.1 E 35,009.2 E Slope of PSSA | 10 | SLF-19-R | 119.5 | 11.1 | 11.1 | 119.4 | 95 | 100 | Pass |
| N160 | 08/20/14 | N 55,439.9 E 35,087.4 PSSA Floor | 10 | SLF-19-R | 119.5 | 11.1 | 11.2 | 119.1 | 95 | 100 | Pass |
| N161 | 08/20/14 | N 55,445.2 E 35,241.9 PSSA Floor | 10 | SLF-19-R | 119.5 | 11.1 | 10.9 | 119.5 | 95 | 100 | Pass |
| N162 | 08/20/14 | N 55,528.4 E 35,168.5 E Slope of PSSA | 10 | SLF-19-R | 119.5 | 11.1 | 10.9 | 118.9 | 95 | 99 | Pass |
| N163 | 08/21/14 | N 55,543.9 E 35,047.3 PSSA Floor | 10 | SLF-19-R | 119.5 | 11.1 | 10.8 | 119.5 | 95 | 100 | Pass |
| N164 | 08/21/14 | N 55,486.5 E 35,221.7 E Slope of PSSA | 10 | SLF-19-R | 119.5 | 11.1 | 11.0 | 119.5 | 95 | 100 | Pass |
| N165 | 08/23/14 | N 55,951.1 E 35,078.1 NW Slope of PSSA | 10 | SLF-19-R | 119.5 | 11.1 | 12.5 | 124.5 | 95 | 100+ | Pass |
| N166 | 08/23/14 | N 54,739.3 E 34,419.0 Closure Drain | 10 | SLF-5-R | 119.1 | 11.4 | 13.2 | 117.5 | 95 | 99 | Pass |
| N167 | 08/23/14 | N 55,577.3 E 35,266.0 E Slope of PSSA | 10 | SLF-19-R | 119.5 | 11.1 | 12.4 | 124.6 | 95 | 100+ | Pass |
| N168 | 08/23/14 | N 55,623.9 E 35,136.6 PSSA Floor | 10 | SLF-19-R | 119.5 | 11.1 | 12.0 | 126.2 | 95 | 100+ | Pass |
| N169 | 08/27/14 | N 55,833.7 E 35,348.0 NE Slope of PSSA | 10 | SLF-19-R | 119.5 | 11.1 | 10.9 | 118.9 | 95 | 99 | Pass |
| N170 | 08/27/14 | N 55,768.0 E 35,256.8 NE Slope of PSSA | 10 | SLF-19-R | 119.5 | 11.1 | 11.8 | 119.1 | 95 | 100 | Pass |
| N171 | 08/27/14 | N 55,742.5 E 35,310.9 NE Slope of PSSA | 10 | SLF-19-R | 119.5 | 11.1 | 11.9 | 119.4 | 95 | 100 | Pass |
| N172 | 08/27/14 | N 55,589.1 E 35,304.5 NE Slope of PSSA | 10 | SLF-19-R | 119.5 | 11.1 | 12.1 | 117.8 | 95 | 99 | Pass |
| N173 | 08/27/14 | N 55,604.0 E 35,353.2 NE Slope of PSSA | 10 | SLF-19-R | 119.5 | 11.1 | 11.9 | 118.8 | 95 | 99 | Pass |
| N174 | 08/27/14 | N 55,633.1 E 35,467.1 NE Slope of PSSA | 10 | SLF-19-R | 119.5 | 11.1 | 12.6 | 119.5 | 95 | 100 | Pass |
| N175 | 08/27/14 | N 55,726.4 E 35,479.0 NE Slope of PSSA | 10 | SLF-19-R | 119.5 | 11.1 | 12.1 | 119.2 | 95 | 100 | Pass |

Table 13
Cripple Creek & Victor Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Soil Liner Fill Depth Verification Summary



| DATE | SAMPLE NUMBER | DEPTH (inches) | NORTHING | EASTING | ELEVATION (feet) | PASS/FAIL | COMMENTS |
|-----------|---------------|----------------|----------|----------|------------------|-----------|---------------|
| 6/6/2014 | D-1 | 14 | 54,737.2 | 34,466.3 | 9,327.2 | Pass | |
| 6/6/2014 | D-2 | 14 | 54,756.2 | 34,471.2 | 9,327.3 | Pass | |
| 6/6/2014 | D-3 | 13 | 54,778.2 | 34,489.9 | 9,327.3 | Pass | |
| 6/9/2014 | D-4 | 16 | 55,281.8 | 34,338.0 | 9,439.6 | Pass | |
| 6/9/2014 | D-5 | 14 | 55,200.7 | 34,326.6 | 9,425.5 | Pass | |
| 6/9/2014 | D-6 | 13 | 55,117.3 | 34,311.9 | 9,412.8 | Pass | |
| 6/10/2014 | D-7 | 14 | 55,068.7 | 34,334.6 | 9,395.8 | Pass | |
| 6/10/2014 | D-8 | 13 | 55,005.5 | 34,361.3 | 9,373.9 | Pass | |
| 6/12/2014 | D-9 | 14 | 54,766.8 | 34,037.1 | 9,430.8 | Pass | |
| 6/14/2014 | D-10 | 13 | 54,868.5 | 34,342.6 | 9,376.0 | Pass | |
| 6/16/2014 | D-11 | 14 | 54,724.2 | 34,171.4 | 9,410.2 | Pass | |
| 6/17/2014 | D-12 | 14 | 54,607.0 | 34,174.1 | 9,435.6 | Pass | |
| 6/17/2014 | D-13 | 13 | 54,598.3 | 34,233.8 | 9,424.9 | Pass | |
| 6/18/2014 | D-14 | 13 | 54,491.9 | 34,343.8 | 9,431.9 | Pass | |
| 6/18/2014 | D-15 | 13 | 54,433.7 | 34,360.3 | 9,445.6 | Pass | |
| 6/19/2014 | D-16 | 18 | 54,836.4 | 34,509.4 | 9,339.1 | Pass | Closure Drain |
| 6/19/2014 | D-17 | 18 | 54,872.9 | 34,494.7 | 9,339.4 | Pass | Closure Drain |
| 6/20/2014 | D-18 | 15 | 54,659.5 | 34,533.3 | 9,363.4 | Pass | |
| 6/23/2014 | D-19 | 14 | 54,742.7 | 34,584.3 | 9,356.2 | Pass | |
| 6/23/2014 | D-20 | 13 | 54,697.5 | 34,594.4 | 9,371.4 | Pass | |
| 6/24/2014 | D-21 | 13 | 55,234.5 | 34,539.0 | 9,361.1 | Pass | |
| 6/24/2014 | D-22 | 13 | 55,306.8 | 34,401.7 | 9,423.0 | Pass | |
| 6/26/2014 | D-23 | 14 | 54,812.5 | 34,659.4 | 9,360.1 | Pass | |
| 6/26/2014 | D-24 | 13 | 54,826.9 | 34,713.4 | 9,372.4 | Pass | |
| 6/26/2014 | D-25 | 13 | 55,349.7 | 34,633.3 | 9,366.2 | Pass | |
| 6/27/2014 | D-26 | 13 | 55,482.6 | 34,843.4 | 9,358.7 | Pass | |
| 6/27/2014 | D-27 | 14 | 55,533.4 | 34,871.4 | 9,368.0 | Pass | |
| 6/27/2014 | D-28 | 14 | 55,533.3 | 34,825.6 | 9,379.1 | Pass | |
| 6/27/2014 | D-29 | 13 | 55,420.2 | 34,712.8 | 9,369.9 | Pass | |
| 6/28/2014 | D-30 | 13 | 55,361.5 | 34,794.1 | 9,342.1 | Pass | |
| 6/28/2014 | D-31 | 14 | 55,297.4 | 34,751.3 | 9,342.2 | Pass | |
| 6/28/2014 | D-32 | 13 | 55,272.1 | 34,710.6 | 9,342.0 | Pass | |
| 6/28/2014 | D-33 | 13 | 55,267.6 | 34,672.7 | 9,342.0 | Pass | |
| 6/28/2014 | D-34 | 13 | 55,205.9 | 34,659.7 | 9,342.1 | Pass | |
| 6/28/2014 | D-35 | 14 | 55,190.5 | 34,607.1 | 9,342.1 | Pass | |
| 6/28/2014 | D-36 | 12 | 55,111.1 | 34,571.0 | 9,341.3 | Pass | |
| 6/28/2014 | D-37 | 13 | 55,068.7 | 34,535.7 | 9,341.1 | Pass | |
| 6/28/2014 | D-38 | 13 | 55,030.4 | 34,521.1 | 9,340.7 | Pass | |
| 6/28/2014 | D-39 | 13 | 55,029.1 | 34,557.5 | 9,341.0 | Pass | |
| 7/1/2017 | D-40 | 13 | 55,582.4 | 34,971.5 | 9,359.6 | Pass | |
| 7/1/2017 | D-41 | 13 | 55,612.8 | 34,926.3 | 9,380.2 | Pass | |

Table 13
Cripple Creek & Victor Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Soil Liner Fill Depth Verification Summary



| DATE | SAMPLE NUMBER | DEPTH (inches) | NORTHING | EASTING | ELEVATION (feet) | PASS/FAIL | COMMENTS |
|-----------|---------------|----------------|----------|----------|------------------|-----------|----------|
| 7/1/2017 | D-42 | 14 | 54,994.2 | 34,575.4 | 9,340.6 | Pass | |
| 7/1/2017 | D-43 | 13 | 55,068.3 | 34,619.3 | 9,341.3 | Pass | |
| 7/2/2014 | D-44 | 13 | 55,749.7 | 34,913.8 | 9,420.3 | Pass | |
| 7/2/2014 | D-45 | 12 | 55,740.0 | 34,855.0 | 9,436.4 | Pass | |
| 7/2/2014 | D-46 | 14 | 55,803.7 | 34,894.1 | 9,440.0 | Pass | |
| 7/2/2014 | D-47 | 13 | 55,688.9 | 35,026.5 | 9,370.0 | Pass | |
| 7/8/2014 | D-48 | 13 | 54,889.2 | 34,818.6 | 9,387.6 | Pass | |
| 7/8/2014 | D-49 | 12 | 54,933.9 | 34,823.7 | 9,377.3 | Pass | |
| 7/9/2014 | D-50 | 12 | 54,928.1 | 34,909.2 | 9,405.0 | Pass | |
| 7/9/2014 | D-51 | 13 | 54,973.8 | 34,912.3 | 9,394.2 | Pass | |
| 7/9/2014 | D-52 | 12 | 55,000.3 | 34,968.6 | 9,404.6 | Pass | |
| 7/9/2014 | D-53 | 12 | 55,028.3 | 35,027.1 | 9,415.3 | Pass | |
| 7/9/2014 | D-54 | 13 | 55,063.1 | 35,023.5 | 9,405.2 | Pass | |
| 7/10/2014 | D-55 | 12 | 55,763.2 | 35,061.5 | 9,374.7 | Pass | |
| 7/10/2014 | D-56 | 13 | 55,730.3 | 35,022.2 | 9,381.6 | Pass | |
| 7/22/2014 | D-57 | 13 | 54,914.1 | 34,559.7 | 9,340.2 | Pass | |
| 7/22/2014 | D-58 | 12 | 54,983.8 | 34,605.2 | 9,340.7 | Pass | |
| 7/22/2014 | D-59 | 14 | 54,962.1 | 34,588.4 | 9,340.6 | Pass | |
| 7/22/2014 | D-60 | 13 | 54,929.9 | 34,645.5 | 9,346.4 | Pass | |
| 7/22/2014 | D-61 | 14 | 54,860.3 | 34,607.0 | 9,340.1 | Pass | |
| 7/22/2014 | D-62 | 13 | 54,872.5 | 34,589.7 | 9,340.5 | Pass | |
| 7/23/2014 | D-63 | 14 | 54,958.9 | 34,677.1 | 9,350.9 | Pass | |
| 7/23/2014 | D-64 | 13 | 54,971.6 | 34,730.1 | 9,355.9 | Pass | |
| 7/23/2014 | D-65 | 12 | 54,985.7 | 34,605.1 | 9,340.8 | Pass | |
| 7/23/2014 | D-66 | 14 | 55,020.0 | 34,644.4 | 9,341.1 | Pass | |
| 7/24/2014 | D-67 | 14 | 55,088.3 | 34,879.8 | 9,374.9 | Pass | |
| 7/24/2014 | D-68 | 13 | 55,136.3 | 34,929.5 | 9,381.9 | Pass | |
| 7/26/2014 | D-69 | 13 | 55,665.6 | 35,010.7 | 9,369.2 | Pass | |
| 7/27/2014 | D-70 | 13 | 55,088.4 | 35,068.4 | 9,412.9 | Pass | |
| 7/27/2014 | D-71 | 14 | 55,102.7 | 35,098.9 | 9,419.0 | Pass | |
| 8/9/2014 | D-72 | 14 | 55,978.9 | 35,094.0 | 9,422.3 | Pass | |
| 8/9/2014 | D-73 | 13 | 55,935.3 | 35,156.8 | 9,421.3 | Pass | |
| 8/9/2014 | D-74 | 13 | 55,981.7 | 35,177.7 | 9,441.6 | Pass | |
| 8/9/2014 | D-75 | 14 | 55,931.4 | 35,208.7 | 9,431.6 | Pass | |
| 8/9/2014 | D-76 | 13 | 55,873.3 | 35,241.7 | 9,421.7 | Pass | |
| 8/10/2014 | D-77 | 14 | 55,774.7 | 35,223.0 | 9,387.8 | Pass | |
| 8/13/2014 | D-78 | 14 | 55,213.0 | 35,088.2 | 9,399.0 | Pass | |
| 8/13/2014 | D-79 | 13 | 55,244.8 | 35,124.1 | 9,403.7 | Pass | |
| 8/13/2014 | D-80 | 12 | 55,161.5 | 35,133.2 | 9,414.7 | Pass | |
| 8/13/2014 | D-81 | 13 | 55,152.9 | 35,180.7 | 9,431.7 | Pass | |
| 8/13/2014 | D-82 | 12 | 55,202.2 | 35,200.4 | 9,425.7 | Pass | |

Table 13
Cripple Creek & Victor Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Soil Liner Fill Depth Verification Summary



| DATE | SAMPLE NUMBER | DEPTH (inches) | NORTHING | EASTING | ELEVATION (feet) | PASS/FAIL | COMMENTS |
|-----------|---------------|----------------|----------|----------|------------------|-----------|----------|
| 8/13/2014 | D-83 | 13 | 55,326.1 | 35,227.7 | 9,417.1 | Pass | |
| 8/13/2014 | D-84 | 14 | 55,293.6 | 35,256.6 | 9,420.9 | Pass | |
| 8/13/2014 | D-85 | 14 | 55,375.7 | 35,299.5 | 9,425.7 | Pass | |
| 8/14/2014 | D-86 | 14 | 55,471.4 | 35,413.0 | 9,440.5 | Pass | |
| 8/14/2014 | D-87 | 13 | 55,514.3 | 35,440.2 | 9,445.3 | Pass | |
| 8/15/2014 | D-88 | 13 | 55,076.4 | 34,747.5 | 9,348.4 | Pass | |
| 8/15/2014 | D-89 | 14 | 55,131.4 | 34,685.6 | 9,342.1 | Pass | |
| 8/16/2014 | D-90 | 13 | 55,190.7 | 34,756.5 | 9,342.1 | Pass | |
| 8/16/2014 | D-91 | 13 | 55,225.7 | 34,785.7 | 9,341.9 | Pass | |
| 8/18/2014 | D-92 | 13 | 55,285.8 | 34,838.7 | 9,342.2 | Pass | |
| 8/18/2014 | D-93 | 13 | 55,228.9 | 34,917.0 | 9,361.7 | Pass | |
| 8/18/2014 | D-94 | 14 | 55,316.6 | 34,861.1 | 9,342.1 | Pass | |
| 8/18/2014 | D-95 | 13 | 55,361.5 | 34,897.0 | 9,342.5 | Pass | |
| 8/19/2014 | D-96 | 13 | 55,407.9 | 34,964.0 | 9,343.2 | Pass | |
| 8/19/2014 | D-97 | 13 | 55,381.7 | 35,030.0 | 9,359.1 | Pass | |
| 8/20/2014 | D-98 | 14 | 55,494.0 | 35,047.5 | 9,344.0 | Pass | |
| 8/20/2014 | D-99 | 14 | 55,467.4 | 35,112.3 | 9,363.9 | Pass | |
| 8/20/2014 | D-100 | 15 | 55,463.5 | 35,206.7 | 9,395.0 | Pass | |
| 8/20/2014 | D-101 | 14 | 55,563.7 | 35,081.9 | 9,344.0 | Pass | |
| 8/21/2014 | D-102 | 14 | 55,563.3 | 35,073.4 | 9,344.1 | Pass | |
| 8/21/2014 | D-103 | 15 | 55,544.9 | 35,169.3 | 9,363.5 | Pass | |
| 8/23/2014 | D-104 | 16 | 55,597.3 | 35,172.6 | 9,352.2 | Pass | |
| 8/27/2014 | D-105 | 14 | 55,711.0 | 35,227.3 | 9,370.1 | Pass | |
| 8/27/2014 | D-106 | 14 | 55,683.7 | 35,262.4 | 9,371.0 | Pass | |
| 8/27/2014 | D-107 | 15 | 55,657.3 | 35,168.4 | 9,344.1 | Pass | |
| 8/27/2014 | D-108 | 13 | 55,617.6 | 35,271.8 | 9,378.8 | Pass | |
| 8/27/2014 | D-109 | 13 | 55,630.4 | 35,467.6 | 9,438.9 | Pass | |



Table 14
Cripple Creek & Victor Mining Company
Squaw Gulch VLF Pregnant Solution Storage Area
Nuclear Gauge Moisture-Density Testing Summary-Low Volume Solution Collection Fill

| TEST NUMBER | DATE TESTED | LOCATION | DEPTH (inches) | LABORATORY | | | FIELD | | | | PASS/FAIL |
|----------------|----------------|-----------------------------------|-------------------|------------------|------------------------------|----------------------------|-------------------------|----------------------------|--------------------------------|-------------------|-----------|
| | | | | SAMPLE NUMBER | MAX. DRY DENSITY (pcf) | OPTIMUM MOISTURE (%) | DRY DENSITY (pcf) | MOISTURE CONTENT (%) | SPECIFIED COMPACTION (%) | COMPACTION (%) | |
| N1 | 9/31/14 | N 54,760.6 E 34,424.3 Rise Plate | 12 | LVSCF-14-R | 123.4 | 11.8 | 123.4 | 9.8 | 95 | 100 | Pass |
| N2 | 9/31/14 | N 54,748.4 E 34,440.1 Riser Plate | 12 | LVSCF-14-R | 123.4 | 11.8 | 123.2 | 9.9 | 95 | 100 | Pass |
| N3 | 9/31/14 | N 54,736.2 E 34,456.0 Riser Plate | 12 | LVSCF-14-R | 123.4 | 11.8 | 123.4 | 10.2 | 95 | 100 | Pass |
| N4 | 9/31/14 | N 54,724.0 E 34,471.8 Riser Plate | 12 | LVSCF-14-R | 123.4 | 11.8 | 122.9 | 10.4 | 95 | 100 | Pass |