

**APPENDIX B**  
**BORING LOGS**

<b>Job No.:</b> 23444587 <b>Client:</b> ADEQ <b>Project:</b> Klondyke <b>Location:</b> Klondyke Tailing Site	<h2 style="margin:0;">Boring No. KW-1</h2> <b>ADWR No.</b> 55-903565				
<b>Driller:</b> Prosonic <b>Drilling Method:</b> Rotosonic <b>Sampling Method:</b> Grab <b>Logged by:</b> Sheryl Horton	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;"><b>Start Time:</b> 9:15</td> <td style="width:50%;"><b>Finish Time:</b> 16:15</td> </tr> <tr> <td><b>Start Date:</b> 11/16/05</td> <td><b>Finish Date:</b> 11/17/05</td> </tr> </table>	<b>Start Time:</b> 9:15	<b>Finish Time:</b> 16:15	<b>Start Date:</b> 11/16/05	<b>Finish Date:</b> 11/17/05
<b>Start Time:</b> 9:15	<b>Finish Time:</b> 16:15				
<b>Start Date:</b> 11/16/05	<b>Finish Date:</b> 11/17/05				
<b>Depth to Groundwater:</b> 50.25 ft. <b>Date:</b> 11/21/05					

Depth (ft)	Graphic Log	Lithology	Fines %	Sand %	Gravel %	Description	Sample No.	Sample Type	As-Built	Elevation (ft amsl)
0						Ground Surface				3416
0 - 6		CL				<b>SILTY CLAY</b> silty clay, light brown, clay with medium plasticity, loose, soft clay, dry turns dark brown when wet, some weak cementation, no reaction to HCl	KW1-1	G		3414
6 - 10		SW				increase in silt at 5 feet  <b>WELL GRADED SAND</b> gravelly sand with some silt, light brown, fine to coarse sand, fine gravel, some coarse gravel, sub-angular, trace clay, no plasticity, loose, dry, no cementation, no reaction to HCl	KW1-5	G		3413
10 - 14		SM				decrease in silt and fine sand at 8 to 14 feet, medium to coarse sand, some fine sand, increase in coarse gravel, few cobbles, no reaction to HCl	KW1-10	G	3412	
14 - 16		SM				<b>SILTY SAND WITH GRAVEL</b> silty sand with gravel, light brown, fine to coarse sand, fine to coarse gravel, few cobbles, sub-angular, no plasticity, loose with some medium cementation (looks like gravel), no reaction to HCl, dry			3411	
16 - 18		SW				<b>WELL GRADED SAND</b> gravelly sand with fines, light brown, fine to coarse sand, fine to coarse gravel, some silt, sub-angular, no plasticity, loose with some weak cementation, dry			3410	
18 - 20		SM				<b>SILTY SAND</b> silty sand/sandy silt, some fine gravel, light brown, fine to coarse sand, sub-angular to sub-rounded, no plasticity, loose, dry			3409	
20 - 22		SM				more gravel, few cobbles at 21 feet			3408	
									3407	
									3406	
									3405	
									3404	
									3403	
									3402	
									3401	
									3400	
									3399	
									3398	
									3397	
									3396	
									3395	
									3394	

Job No.: 23444587

Client: ADEQ

Project: Klondyke

# Boring No. KW-1

Depth (ft)	Graphic Log	Lithology	Fines %	Sand %	Gravel %	Description	Sample No.	Sample Type	As-Built	Elevation (ft amsl)
23		SW				<b>WELL GRADED SAND</b> gravelly sand with some silt, light brown, fine to coarse sand, fine to coarse gravel, few cobbles, some silt, sub-angular to sub-rounded, no plasticity, loose, dry				3393
24		CL				<b>SILTY CLAY</b> silty clay, light brown, soft clay, some silt, few fine sand, medium to high plasticity, turns dark brown when wet				3392
25		SW				<b>WELL GRADED SAND</b> gravelly sand, light brown, some silt, fine to coarse sand, fine to coarse gravel, sub-angular, no plasticity, loose, dry				3391
26		SP				<b>POORLY GRADED MEDIUM SAND</b> medium sand, some fine and coarse sand, light brown, few fine gravel, some silt, sub-rounded, no plasticity, loose, dry				3390
27						<b>WELL GRADED SAND</b> gravelly sand, light brown, fine to coarse sand, fine to coarse gravel, few fines, sub-angular to sub-rounded, no plasticity, loose, dry				3389
28						<b>WELL GRADED SAND</b> gravelly sand, light brown, fine to coarse sand, fine to coarse gravel, few fines, sub-angular to sub-rounded, no plasticity, loose, dry				3388
29										3387
30						more silt at 30 feet				3386
31		SW								3385
32										3384
33										3383
34										3382
35										3381
36										3380
37						<b>SILTY SAND WITH GRAVEL</b> fine to coarse sand, fine to coarse gravel, light brown, sub-angular to sub-rounded, no plasticity, loose, dry				3379
38		SM								3378
39										3377
40										3376
41		SW				<b>WELL GRADED SAND</b> gravelly sand, light brown, fine to coarse sand, fine to coarse gravel, sub-angular to sub-rounded, some silt, no plasticity, loose, dry				3375
42		SM				<b>SILTY SAND WITH CLAY</b> fine to medium sand, light brown, some fine to coarse gravel, few cobbles, sub-angular to sub-rounded, clay with low plasticity, loose, dry				3374
43										3373
44		CL								3372



Job No.: 23444587

Client: ADEQ

Project: Klondyke

# Boring No. KW-1

Depth (ft)	Graphic Log	Lithology	Fines %	Sand %	Gravel %	Description	Sample No.	Sample Type	As-Built	Elevation (ft amsl)
45						<b>SILTY CLAY</b> silty clay, light brown, soft clay, some silt, medium to high plasticity, turns dark brown when wet				3371
46						moist at 46 feet				3370
47		CH				<b>FAT CLAY</b> brown, medium stiffness, high plasticity, some silt, moist				3369
48		CH								3368
49		CH				mottling, reddish brown at 49 feet				3367
50		CL				<b>SANDY CLAY</b> fine sand, brown, sub-angular, medium plasticity, soft to medium stiffness, few fine gravel, moist				3366
51		CL								3365
52		CH				<b>FAT CLAY</b> brown with dark brown mottling, high plasticity, medium stiffness, moist				3364
53		CH								3363
54		CL				<b>SANDY CLAY</b> brown, fine sand, sub-rounded, medium plasticity, soft to medium stiffness, moist				3362
55		CL				<b>SILTY CLAY</b> brown, medium plasticity, soft, some fine sand, few gravel, moist				3361
56		CL								3360
57		CL				from 56 to 58 feet, less silt, medium stiffness				3359
58		CL								3358
59		CL								3357
60		CL								3356
61		CH				<b>FAT CLAY</b> brown with dark brown mottling, high plasticity, medium to high stiffness, moist				3355
62		CH								3354
63		CH								3353
64		CH								3352
65		CH				reddish mottling from 64 to 66 feet, wet				3351
66		CH								3350

4" Sch 40 PVC Screened Casing - 0.020" Slot

6-9 Silica Sand

Job No.: 23444587

Client: ADEQ

Project: Klondyke

# Boring No. KW-1

Depth (ft)	Graphic Log	Lithology	Fines %	Sand %	Gravel %	Description	Sample No.	Sample Type	As-Built	Elevation (ft amsl)				
67						wet				3349				
68												3348		
69		SW								3347				
70												3346		
71													3345	
72		SW				<b>WELL GRADED SAND</b> fine to coarse sand, some silt, brown, some fine to coarse gravel, sub-angular to sub-rounded, trace clay, no plasticity, loose, wet				3344				
73												3343		
74											from 75 to 76 feet, more gravel			3342
75														3341
76		GW								3340				
77													3339	
78											<b>WELL GRADED GRAVEL</b> brown, some fine to coarse sand, trace clay, sub-angular to sub-rounded, no plasticity, loose, wet			3338
79		SW								3337				
80													3336	
81		SW				<b>WELL GRADED SAND</b> fine to coarse sand, some gravel, sub-angular to sub-rounded, some silt, brown, trace clay, no plasticity, wet, loose				3335				
82											TD = 82 feet, Groundwater encountered at 53 feet			3334
83										3333				
84										3332				
85										3331				
86										3330				
87										3329				
88										3328				

<b>Job No.:</b> 23444587 <b>Client:</b> ADEQ <b>Project:</b> Klondyke <b>Location:</b> Klondyke Tailing Site	<h2 style="margin:0;">Boring No. KW-2</h2> <b>ADWR No.</b> 55-903566
<b>Driller:</b> Prosonic <b>Drilling Method:</b> Rotosonic <b>Sampling Method:</b> Grab <b>Logged by:</b> Sheryl Horton	<b>Start Time:</b> 11:48 <b>Finish Time:</b> 14:30 <b>Start Date:</b> 11/18/05 <b>Finish Date:</b> 11/18/05
	<b>Depth to Groundwater:</b> 52.15 ft. <b>Date:</b> 11/21/05

Depth (ft)	Graphic Log	Lithology	Fines %	Sand %	Gravel %	Description	Sample No.	Sample Type	As-Built	Elevation (ft amsl)
0						Ground Surface				3413
0 - 1.5		SM				<b>SANDY SILT</b> brown, fine to coarse sand, few fine gravel, some clay, sub-angular, no plasticity, loose, dry	KW2-1	G	4" Sch 40 PVC Casing 	3411
1.5 - 3						<b>CLAYEY SILT</b> brown, few fine sand, low to medium plasticity, loose, dry, some weak to moderate cementation, white mottling				3410
3 - 6						few fine to coarse gravel at 3 to 6 feet	KW2-5	G		3409
6 - 10		ML				more cementation at 6 to 10 feet				3408
10 - 11						more cementation at 10 to 11 feet	KW2-10	G		3407
11 - 13										3406
13 - 14										3405
14 - 16										3404
16 - 17										3403
17 - 18		CL				<b>SILTY CLAY</b> brown, medium plasticity, some weak to moderate cementation, white mottling, loose, dry				3402
18 - 20						moderate to strong cementation at 13 to 14 feet			3401	
20 - 21									3400	
21 - 22									3399	
22 - 23		SM				<b>SILTY SAND</b> brown, fine to coarse sand, some silt, some clay, weak cementation, sub-angular, no plasticity, loose, dry			3398	
23 - 24									3397	
24 - 25									3396	
25 - 26									3395	
26 - 27		CL				<b>SILTY CLAY</b> brown, some weak to moderate cementation, few fine to medium sand, sub-angular to sub-rounded, low to medium plasticity, some loose, dry			3394	
27 - 28									3393	
28 - 29									3392	
29 - 30									3391	
30 - 31									3390	
31 - 32									3389	
32 - 33									3388	



Job No.: 23444587

Client: ADEQ

Project: Klondyke

# Boring No. KW-2

Depth (ft)	Graphic Log	Lithology	Fines %	Sand %	Gravel %	Description	Sample No.	Sample Type	As-Built	Elevation (ft amsl)
26						<b>POORLY GRADED SAND</b> ultrafine to fine sand with silt, brown, sub-angular to sub-rounded, no plasticity, loose, dry, some weak cementation				3387
27		SM				<b>SILTY SAND</b> brown, fine to coarse sand, sub-angular, no plasticity, some cementation, white mottling - weak to medium, loose, dry				3386
28		SM								3385
29		CL				<b>SILTY CLAY</b> brown, medium plasticity, some weak to medium cementation, loose, dry				3384
30		CL				<b>INORGANIC CLAY</b> brown, low to medium plasticity, condensed, dry				3383
31		CL								3382
32		CL								3381
33		CL								3380
34						silty at 34 to 35 feet				3379
35		SM				<b>SANDY SILT WITH CLAY</b> ultrafine sand, brown, low plasticity, loose with some weak cementation, dry				3378
36		CL				<b>INORGANIC CLAY</b> brown, medium plasticity, condensed, white mottling, medium stiffness, dry				3377
37		CL								3376
38		CL				moist at 38 feet, red and dark brown mottling, no more white				3375
39		CL								3374
40						<b>FAT CLAY</b> brown, high plasticity, stiff to very stiff, condensed, moist				3373
41										3372
42										3371
43		CH				few gravel at 45 feet				3370
44		CH								3369
45										3368
46										3367
47						<b>INORGANIC CLAY</b> brown, some fine sand, few gravel, medium plasticity, medium stiff to stiff, moist, black mottling, condensed				3366
48										3365
49						no more sand or gravel, black mottling continues				3364
50										3363
51										3362
52		CL								3361
53										3360
54										3359
55										3358

Job No.: 23444587

Client: ADEQ

Project: Klondyke

# Boring No. KW-2

Depth (ft)	Graphic Log	Lithology	Fines %	Sand %	Gravel %	Description	Sample No.	Sample Type	As-Built	Elevation (ft amsl)
56						some coarse sand at 56 to 57 feet				3357
57						<b>SILTY CLAY</b> brown, some fine to medium sand, medium plasticity, soft to medium stiff, moist, sub-rounded				3356
58		CL								3355
59										3354
60						<b>HIGH PLASTIC CLAY</b> brown with dark brown mottling, high plasticity, stiff to very stiff, sub-angular, few medium sand				3353
61										3352
62		CH								3351
63										3350
64										3349
65						<b>SILTY CLAY</b> brown, medium to high plasticity, some fine sand, sub-rounded, medium stiff, black mottling				3348
66										3347
67						few fine to medium sand at 67 to 69 feet				3346
68										3345
69		CL				almost no silt, mostly clay, stiff, wet				3344
70										3343
71						red mottling				3342
72										3341
73										3340
74										3339
75		SP				<b>POORLY GRADED FINE SAND</b> fine sand, brown, some very fine sand and silt, some medium sand, sub-rounded, no plasticity, loose, wet				3338
76										3337
77						<b>WELL GRADED SAND</b> brown, fine to coarse sand, some silt, some fine gravel, sub-rounded, no plasticity, loose, wet				3336
78										3335
79						some trace clay, some coarse gravel at 78 to 83 feet				3334
80		SW				some cobbles at 81 to 83 feet				3333
81										3332
82						TD = 83 feet, Groundwater encountered at 70 feet				3331
83										3330
84										3329
85										3328

Job No.: 23444587  
 Client: ADEQ  
 Project: Klondyke  
 Location: Klondyke

# Boring No. KW-3

ADWR No. 55-903567

Driller: Prosonic  
 Drilling Method: Rotosonic  
 Sampling Method: Grab  
 Logged by: Sheryl Horton

Start Time: 16:30  
 Start Date: 11/19/05

Finish Time: 09:05  
 Finish Date: 11/20/05

Depth to Groundwater: 51.42 ft.  
 Date: 11/21/05

Depth (ft)	Graphic Log	Lithology	Fines %	Sand %	Gravel %	Description	Sample No.	Sample Type	As-Built	Elevation (ft amsl)
0						Ground Surface				3412
0 - 3		SM				<b>SANDY SILT WITH GRAVEL</b> brown, fine to coarse sand, fine to coarse gravel, few cobbles, sub-angular to sub-rounded, no plasticity, loose, dry, root material  no cobbles after 3 feet	KW3-1	G		3410
3 - 4.5		SM				few gravel after 4.5 feet	KW3-5	G		3408
4.5 - 6		SM				<b>SILTY SAND</b> brown, fine to coarse sand, fine to coarse gravel, sub-angular to sub-rounded, no plasticity, loose, dry	KW3-10	G		3406
6 - 18		SM				some weak cementation				3402
18 - 20		SM				<b>SANDY SILT</b> brown, some fine to coarse sand, few fine to coarse gravel, sub-rounded, no plasticity, loose, dry				3396
20 - 22		CL				<b>SILTY CLAY</b> brown, few fine to coarse sand and fine to coarse gravel, sub-angular, low to medium plasticity, loose, some weak to moderate cementation, dry				3392
22 - 24		CL				<b>SANDY CLAY</b> brown, fine to coarse sand, few fine gravel, low plasticity, moderate cementation, some loose, dry				3389
24 - 25		CL				<b>SILTY SAND</b> brown, fine to coarse sand, fine to coarse gravel, sub-angular, trace clay, no plasticity, weak to moderate cementation, mostly loose, dry				3388
25 - 27		CL				few cobbles at 25 to 27 feet				3386
27 - 28		CL								3385
28		CL								3384

Job No.: 23444587

Client: ADEQ

Project: Klondyke

# Boring No. KW-3

Depth (ft)	Graphic Log	Lithology	Fines %	Sand %	Gravel %	Description	Sample No.	Sample Type	As-Built	Elevation (ft amsl)																		
29		SM				light brown at 33 to 34 feet, no gravel or cobbles				3383																		
30										3382																		
31										3381																		
32										3380																		
33										3379																		
34										3378																		
35										3377																		
36										3376																		
37										3375																		
38										3374																		
39		ML				<b>INORGANIC SILT</b> brown, some fine to medium sand, sub-rounded, low plasticity, some weak cementation, mostly loose, dry				3373																		
40										3372																		
41										3371																		
42										3370																		
43											SW				<b>WELL GRADED SAND</b> brown, fine to coarse sand, fine to coarse gravel, few cobbles, sub-angular to sub-rounded, some silt, no plasticity, loose, dry				3369									
44																			3368									
45																			3367									
46																			3366									
47																				SC				<b>CLAYEY SAND WITH SILT</b> brown, fine to coarse sand, few fine gravel, sub-angular to sub-rounded, some silt, some moderate cementation, no plasticity, dry				3365
48																												3364
49	3363																											
50	3362																											
51	3361																											
52	3360																											
53	3359																											
54		SP				<b>POORLY GRADED FINE SAND WITH CLAY</b> brown, some medium to coarse sand, sub-angular, some clay, some fine to coarse gravel, no plasticity, weak cementation, moist				3358																		
55										3357																		
56										3356																		

Job No.: 23444587  
 Client: ADEQ  
 Project: Klondyke

# Boring No. KW-3

Depth (ft)	Graphic Log	Lithology	Fines %	Sand %	Gravel %	Description	Sample No.	Sample Type	As-Built	Elevation (ft amsl)
57		CL				<p><b>INORGANIC CLAY</b>            brown, medium to high plasticity, stiff to very stiff, few fine to medium sand, sub-angular, wet</p> <p>dark brown mottling at 62 to 70 feet</p> <p>driller indicates water at 74 feet            silty at 74 to 75.5 feet</p>				3355
58										3354
59										3353
60										3352
61										3351
62										3350
63										3349
64										3348
65										3347
66										3346
67										3345
68										3344
69										3343
70										3342
71										3341
72		SP				<p><b>POORLY GRADED FINE SAND</b>            brown, some very fine sand, some silt, sub-rounded, no plasticity, loose, wet</p> <p>some medium sand at 76 to 79 feet</p>				3337
73										3336
74										3335
75		SW				<p><b>WELL GRADED SAND</b>            brown, fine to coarse sand, fine to coarse gravel, some fines, sub-angular to sub-rounded, no plasticity, loose, wet</p> <p>TD = 82 feet, Groundwater encountered at 74 feet</p>				3334
76										3333
77										3332
78										3331
79										3330
80										3329
81										3328
82										
83										
84										

Job No.: 23444587  
 Client: ADEQ  
 Project: Klondyke  
 Location: Klondyke Tailgate

# Boring No. KW-4

ADWR No. 55-903568

Driller: Prosonic  
 Drilling Method: Rotosonic  
 Sampling Method: Grab  
 Logged by: Sheryl Horton

Start Time: 08:34      Finish Time: 11:45  
 Start Date: 11/19/05      Finish Date: 11/19/05

Depth to Groundwater: 46.62  
 Date: 11/21/05

Depth (ft)	Graphic Log	Lithology	Fines %	Sand %	Gravel %	Description	Sample No.	Sample Type	As-Built	Elevation (ft amsl)
0						Ground Surface				3409
0 - 6		ML				<b>INORGANIC SILT</b> brown, trace clay, low plasticity, some root material, trace very fine sand, loose, dry, some weak cementation	KW4-1	G		3407
6 - 8		SM				<b>SANDY SILT</b> brown, fine to coarse sand, some fine gravel, sub-angular to sub-rounded some coarse gravel at 6 feet	KW4-5	G		3405
8 - 10		GM				<b>GRAVELLY SAND WITH SILT</b> brown, fine to coarse sand, fine to coarse gravel, some silt, some cobbles, sub-angular to sub-rounded, loose, dry				3404
10 - 14		SW				<b>WELL GRADED SAND</b> brown, fine to coarse sand, some fine to coarse gravel, few cobbles, some silt, sub-angular, loose, dry, no plasticity more silt, no cobbles at 9 feet	KW4-10	G		3403
14 - 17		SW				cobbles and coarse gravel at 14 feet				3402
17 - 20		SW				no more cobbles at 15.5 feet, some weak to moderate cementation				3401
20 - 22		CL				<b>INORGANIC CLAY</b> brown, some red mottling, some fine to medium sand, some silt, sub-angular, low to medium plasticity, dry				3400
22 - 24		SM				<b>SILTY SAND</b> brown, very fine to fine sand, sub-rounded, trace clay, no plasticity, loose, dry				3399
24 - 26		SC				more clay, some weak to moderate cementation				3398
26 - 28		SP				<b>CLAYEY SAND</b> brown, fine to coarse sand, fine to coarse gravel, few cobbles, sub-angular to sub-rounded, no plasticity, weak to moderate cementation				3397
28 - 30		SP				<b>POORLY GRADED FINE SAND</b> brown, some medium sand, some coarse sand, few fine gravel, sub-rounded, trace silt, no plasticity, weak cementation, dry			3396	
30 - 32		SP							3395	
32 - 34		SP							3394	
34 - 36		SP							3393	
36 - 38		SP							3392	
38 - 40		SP							3391	
40 - 42		SP							3390	
42 - 44		SP							3389	
44 - 46		SP							3388	
46 - 48		SP							3387	
48 - 50		SP							3386	
50 - 52		SP							3385	
52 - 54		SP							3384	
54 - 56		SP							3383	
56 - 58		SP							3382	
58 - 60		SP							3381	

Job No.: 23444587

Client: ADEQ

Project: Klondyke

# Boring No. KW-4

Depth (ft)	Graphic Log	Lithology	Fines %	Sand %	Gravel %	Description	Sample No.	Sample Type	As-Built	Elevation (ft amsl)
30		SW				<b>WELL GRADED SAND</b> brown, fine to coarse sand, fine to coarse gravel, few cobbles, sub-angular to sub-rounded, trace silt, trace clay, no plasticity, weak to moderate cementation, some loose, dry				3379
31						3378				
32		SP				<b>POORLY GRADED FINE SAND</b> brown, some medium to coarse sand, few fine to coarse gravel, sub-angular to sub-rounded, trace silt, no plasticity, loose, dry				3377
33						3376				
34		SW				<b>WELL GRADED SAND</b> brown, fine to coarse sand, some fine to coarse gravel, few cobbles, trace silt, sub-rounded, no plasticity, loose, dry				3375
35						3374				
36		CL				<b>SILTY CLAY</b> brown, some fine to medium sand, sub-angular, low to medium plasticity, medium stiff				3373
37						3372				
38		CL				more sand at 40 feet, low plasticity				3371
39						3370				
40		SP				<b>POORLY GRADED FINE SAND</b> brown, some medium to coarse sand, sub-angular to sub-rounded, some silt, trace clay, no plasticity, loose, dry				3369
41						3368				
42		CL				<b>INORGANIC CLAY</b> brown, some silt, few fine to medium sand, red mottling, medium plasticity, medium stiff to stiff, dry				3367
43						3366				
44		CL				<b>INORGANIC CLAY</b> brown, some silt, few fine to medium sand, red mottling, medium plasticity, medium stiff to stiff, dry				3365
45						3364				
46		CL				<b>SANDY CLAY</b> brown, fine to coarse sand, sub-angular to sub-rounded, low plasticity, medium stiff, dry				3363
47						3362				
48		CL				<b>SANDY CLAY</b> brown, fine to coarse sand, sub-angular to sub-rounded, low plasticity, medium stiff, dry				3361
49						3360				
50		CL				<b>INORGANIC CLAY</b> brown, medium to high plasticity, stiff to very stiff, black-brown mottling, moist				3359
51						3358				
52		CL				<b>INORGANIC CLAY</b> brown, medium to high plasticity, stiff to very stiff, black-brown mottling, moist				3357
53						3356				
54		CL				<b>INORGANIC CLAY</b> brown, medium to high plasticity, stiff to very stiff, black-brown mottling, moist				3355
55						3354				
56		CL				<b>INORGANIC CLAY</b> brown, medium to high plasticity, stiff to very stiff, black-brown mottling, moist				3353
57						3352				
58		CL				<b>INORGANIC CLAY</b> brown, medium to high plasticity, stiff to very stiff, black-brown mottling, moist				3352

Job No.: 23444587

Client: ADEQ

Project: Klondyke

# Boring No. KW-4

Depth (ft)	Graphic Log	Lithology	Fines %	Sand %	Gravel %	Description	Sample No.	Sample Type	As-Built	Elevation (ft amsl)	
59		CL								3350	
60										3349	
61											3348
62											3347
63											3346
64											3345
65								some silt, reddish and light brown mottling, medium stiff			3344
66											3343
67											3342
68								<b>WELL GRADED SAND</b> brown, fine to coarse sand, some fine gravel, some silt, some clay, no plasticity, sub-angular to sub-rounded, loose, wet			3341
69		SW				water hit at 68 feet			3340		
70									3339		
71										3338	
72								coarse gravel at 72 feet		3337	
73										3336	
74								few cobbles at 74 to 76 feet		3335	
75										3334	
76										3333	
77								coarse gravel at 79 feet		3332	
78										3331	
79								3330			
80						TD = 82 feet, Groundwater encountered at 68 feet		3329			
81								3328			
82								3327			
83								3326			
84								3325			
85								3324			
86								3323			
87											