Log BH-1

Project Info.

Project : Example Project #1
Client : ABC Construction Ltd
Location : Burnaby
Job No.: 2011-1

Borehole Info.

Depth: 12.5 (m)
GWL: 2.6 (m)
Drill Date:
Logged By: ER

Elevation: 0.31
Easting: 491540.35
Northing: 5443775.95
Rev. BY: AA

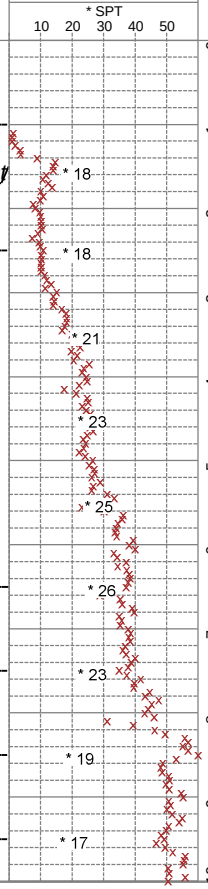
Company Info.

Kandoo Engineering LLC
geotechnical engineering company

COMPANY NAME
YOUR SAMPLE TEXT HERE

Depth (m)	GWL (m)	Sample Type	USCS / AASHTO	Symbol	Lithology Description
0					**FILL** *Includes trace organics and sand and cobbles*
1		+	GM A-7-5(8)		**GRAVEL** *Gravel with some sand, trace silt and clay, occasional cobbles, moist*
2		+	SM A-4(0)		**SAND** *Silty sand with gravel, trace organics, moist*
3	▽	●	SC A-2-6(0)		**CLAYEY SAND** *Clayey sand With gravel, trace silt*
4		●	SC A-2-6(1)		
5		●	SC A-2-6(0)		
6		+	SC A-2-4(0)		
7		●	SC-SM A-2-4(0)		**SAND** *Clayey - Silty Sand With Gravel*
8		●	SC A-2-6(0)		**SAND** *Poorly Graded Sand With Gravel*
9		●	SW-SC A-2-6(0)		**SAND** *Well Graded Sand With Gravel*
10		●	CL A-4(3)		**(continued ...)**

Field Tests



Depth (m)	Sieve Analysis Test: Gravel (%)	Sand (%)	Silt (%)	Clay (%)	Atterberg Limits: LL (%)	PL (%)	PI (%)	w (%)	Unit Weight (gr/cm3): Dry	Bulk	Direct Shear Test: Test Type	C (kg/cm2)	Phi (o)	Triaxial Compression: Test Type	C (kg/cm2)	Phi (o)	C' (kg/cm2)	Phi' (o)	qu (kg/cm2)	Consolidation: Cc	Cs	Pc (kg/cm2)	Compaction: wo (%)	Max. Dry Density (gr/cm3)	K (cm/sec)	Chemical Tests: PH	SO3	CL
1	38.2	19.8	22.7	19.3	67.9	38.9	29				S	0.1		CD	0								14.7	1.76		6.3	0.2	0.07
2	26.1	27.8	17.9	28.2	36	31	5																					
3	19.1	62.5	18.4		35	18	17																			6.7	0.16	0.005
4	26.7	41.1	18.6	13.7	33.7	17.3	16.4																					
5	30.1	43.4	18.7	7.8	32.4	19.1	13.3																					
6	30.5	43.4	21.3	4.9	24.1	14.1	10				S	0.01		CU	0.11		0											
7	29.7	42.5	19.4	8.4	24.2	17.9	6.3													0.18	0.01	4.31						
8	25.4	61.5	13.1		33.6	17.3	16.3																					
9	34.3	59.8	5.9		32.4	19.1	13.3																					
10	14.5	32.8	25.2	27.5	29.9	20.2	9.7																					

Sample Types

- ● Disturbed
- + Undisturbed
- ☐ Shelby / U4
- ■ Core Cutter
- SPT Sample
- Water Sample
- ▽ Groundwater Level

Abreviations

- LL : Liquid Limit
- PL : Plastic Limit
- PI : Plastic Index
- NPI : None PI
- C : Cohesion
- Phi : Friction Angle
- C' : Cohesion (CU)
- Phi' : Friction Angle (CU)
- Cc : Cc
- Cs : Cs
- Pc : Pre-Consolidation Pressure
- K : Permeability Coeff.
- w : Moisture Content
- qu : Unconfined Comp. Qu
- F : Fast
- S : Slow
- CD : Consolidated, Drained
- UU : Unconsolidated, Undrained
- CU : Consolidated, Undrained

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Depth (m)	GWL (m)	Sample Type	USCS / AASHTO	Symbol	Lithology Description	Field Tests (x CPT Qc (MPa); * SPT)
10		●	CL A-4(3)		**SAND** *Clayey Sand With Gravel, Clayey Sand With Gravel,Clayey Sand With Gravel,Clayey Sand With Gravel*	* 15
11					**SILT** *Low Plasticity Silt With Sand*	* 22
12		●	ML A-7-6(8)		End of Log @ 12.5 (m)	

Depth (m)	Sieve Analysis Test: Gravel (%)	Sand (%)	Silt (%)	Clay (%)	Atterberg Limits: LL (%)	PL (%)	PI (%)	w (%)	Unit Weight (gr/cm3): Dry	Bulk	Direct Shear Test: Test Type	C (kg/cm2)	Phi (o)	Triaxial Compression: Test Type	C (kg/cm2)	Phi (o)	C' (kg/cm2)	Phi' (o)	qu (kg/cm2)	Consolidation: Cc	Cs	Pc (kg/cm2)	Compaction: wo (%)	Max. Dry Density (gr/cm3)	K (cm/sec)	Chemical Tests: PH	SO3	CL
10	14.5	32.8	25.2	27.5	29.9	20.2	9.7																					
11																												
12	11.2	32.2	27.3	29.3	45.3	29	16.3																					

Sample Types

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Log BH-2

Project Info.

Project : Example Project #1
Client : ABC Construction Ltd
Location : Burnaby
Job No.: 2011-1

Borehole Info.

Depth: 5.7 (m)
GWL: 3.4 (m)
Drill Date:
Logged By: GR

Elevation: 0.68
Easting: 491570.63
Northing: 5443724.51
Rev. BY: AA

Company Info.

Kandoo Engineering LLC
geotechnical engineering company

COMPANY NAME
YOUR SAMPLE TEXT HERE

Depth (m)	GWL (m)	Sample Type	USCS / AASHTO	Symbol	Lithology Description	Field Tests (* SPT)
0					**Fill Material**	* 19
					Poorly Graded Sand With Gravel	* 16
1						* 11
						* 8
		●	SP A-2-7(0)			* 7
						* 8
2						* 7
		●	ML A-7-6(8)		**Low Plasticity Silt With Sand**	* 19
						* 13
3	▽				**Silty Sand With Gravel**	* 25
						* 28
		●	GM A-7-5(8)			* 26
						* 32
4		●				* 37
		●	SC-SM A-2-4(0)			* 38
						* 30
5		●				* 25
						* 19
					End of Log @ 5.7 (m)	* 16
						* 14
						* 11
						* 10
						* 14
						* 12
						* 9
						* 7
						* 8
						* 7
						* 6
						* 7
						* 11
						* 19

Depth (m)	Sieve Analysis Test: Gravel (%)	Sand (%)	Silt (%)	Clay (%)	Atterberg Limits: LL (%)	PL (%)	PI (%)	w (%)	Unit Weight (gr/cm3): Dry	Bulk	Direct Shear Test: Test Type	C (kg/cm2)	Phi (o)	Triaxial Compression: Test Type	C (kg/cm2)	Phi (o)	C' (kg/cm2)	Phi' (o)	qu (kg/cm2)	Consolidation: Cc	Cs	Pc (kg/cm2)	Compaction: wo (%)	Max. Dry Density (gr/cm3)	K (cm/sec)	Chemical Tests: PH	SO3	CL
0																												
1	24.2	71.2	1.8	2.8	41	20	21	15.2	1.96	2.26																		
2	1.6	29.8	44.7	23.9	40.6	28	12.6																					
3	38.2	19.8	22.7	19.3	67.9	38.9	29	23.1	1.7	2.09																		
4	29.7	42.5	19.4	8.4	67.9	38.9	29																					
					24.2	17.9	6.3																					
5					24.2	17.9	6.3																					

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