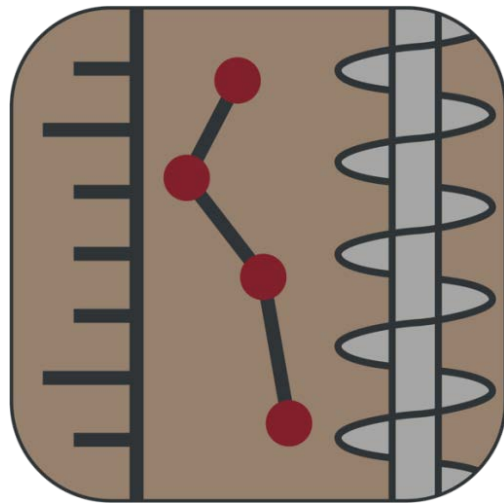

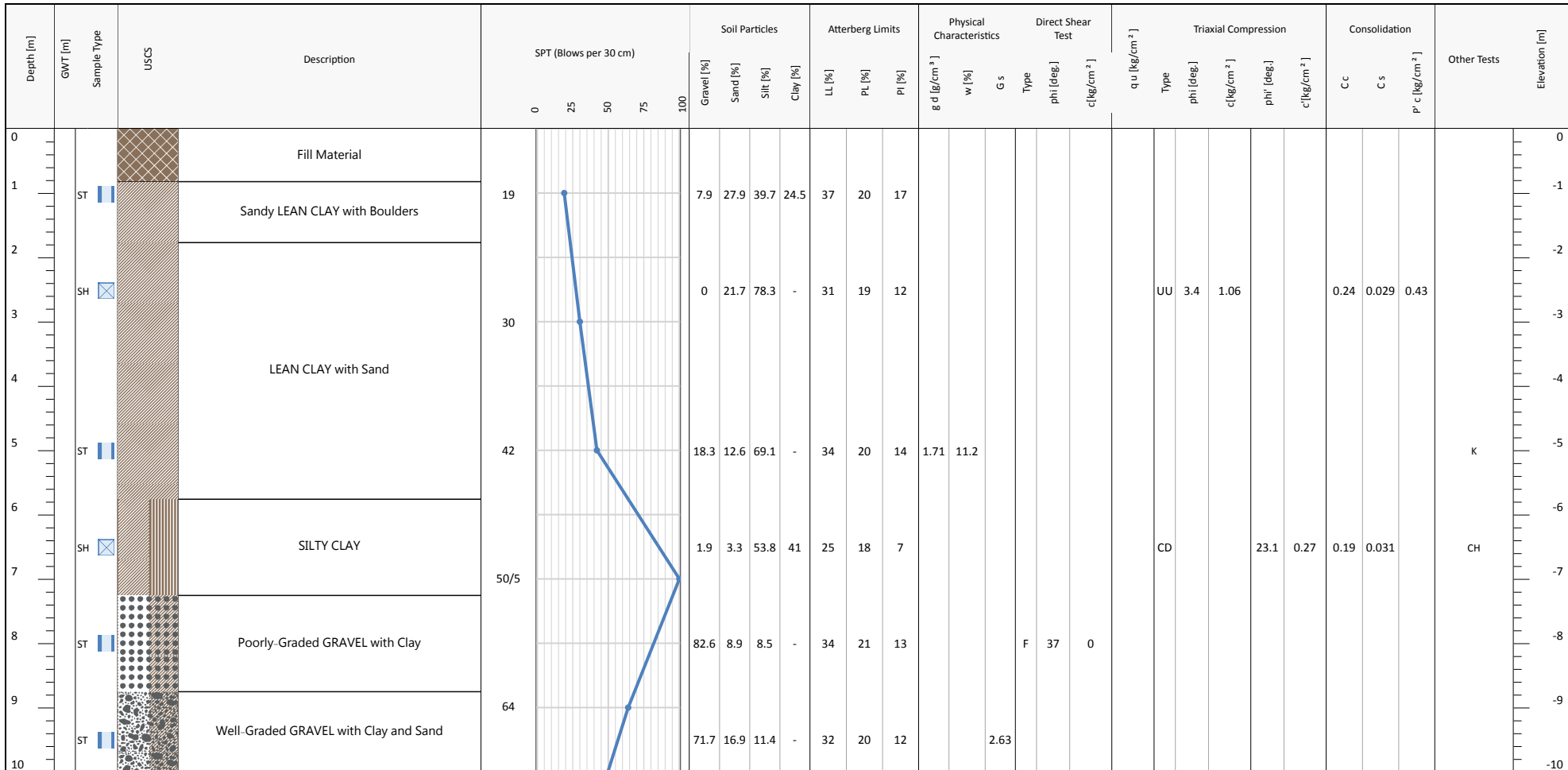





HOIL Office



SO-Log


<b>Project</b>		<b>Bore hole/Test pit</b>		<b>Drilling</b>		<b>Logo</b> 
Name:	Output - Full	Name:	BH-01	Contractor:	Contractor 02	
Client:	Client	Depth [m]:	22	Method:	Continuous coring	
Location:	Location	Elevation [m]:	-	Start date:	2017-08-18	
Code:	Project Code	Water table level [m]:	-	End date:	2017-08-22	



 Disturbed	 Undisturbed	 Rock core	<b>Index</b>	LL: Liquid Limit	gd: Dry unit weight	<b>Strength &amp; Compression</b>	F: Fast	CD: Consolidated Drained	Cc: Coefficient of compression	<b>Other tests</b>	CH: Chemical	<b>Note:</b>
				PL: Plastic Limit	w: Moisture Content		S: Slow	CU: Consolidated Undrained	Cs: Coefficient of swelling		CMP: Compaction	Full details available in supplementary legend.
				PI: Plastic Index	Gs: Specific Gravity		phi, phi': Friction angle	UU: Unconsolidated Undrained			PLT: Plate loading test	
				NP: Non-Plastic			c, c': Cohesion	qu: Unconfined Compression			K: Permeability	






<b>Project</b>		<b>Bore hole/Test pit</b>		<b>Drilling</b>		<b>Logo</b> 
Name:	Output - a	Name:	TP-01	Contractor:	Contractor 01	
Client:	Client	Depth [m]:	12	Method:	Test pit	
Location:	Location	Elevation [m]:	-	Start date:	2017-08-19	
Code:	Project Code	Water table level [m]:	-	End date:	2017-08-25	

Depth [m]	GWT [m]	Sample Type	USCS	Description	DP (Blows per 20 cm)					Soil Particles				Atterberg limits [%]			Physical characteristics		Direct Shear		Insitu Direct Shear			Other Tests	Elev. [m]	
					0	80	160	240	320	G	S	M	C	LL	PL	PI	g d [g/cm <sup>3</sup> ]	w [%]	G s	Type	phi [deg.]	c [kg/cm <sup>2</sup> ]	Type			phi [deg.]
0				Top Soil																					0	
2		BL	⊗	FAT CLAY	98					0	14.6	56.3	29.1	57	27	30	1.65	8.2								-2
4		BU	□	FAT CLAY with Sand	142					6.3	17.2	49.7	26.8	66	29	37			2.74				CH		-4	
6		BU	□	ELASTIC SILT with Gravel	226									54	31	23				S	27.7	0.08		K	-6	
7																	1.73	6.4				S	30.2	0.14	PLT	-7
8		CC	⊗	LEAN CLAY	160/6					5.2	3.3	60.1	31.4	38	15	23									-8	
10		BU	□	Silty GRAVEL with Sand	269					41.1	28.6	30.3		NP	NP	NP									-10	

<b>Sample</b>	□ Disturbed	⊗ Undisturbed	▬ Rock core	<b>Index</b>	G: Gravel	S: Sand	M: Silt	C: Clay	LL: Liquid Limit	PL: Plastic Limit	PI: Plastic Index	NP: Non-Plastic	gd: Dry unit weight	w: Moisture Content	Gs: Specific Gravity	<b>Strength</b>	F: Fast	S: Slow	phi: Friction angle	c: Cohesion	<b>Other tests</b>	CH: Chemical	CMP: Compaction	PLT: Plate loading test	K: Permeability	<b>Note:</b>
---------------	-------------	---------------	-------------	--------------	-----------	---------	---------	---------	------------------	-------------------	-------------------	-----------------	---------------------	---------------------	----------------------	-----------------	---------	---------	---------------------	-------------	--------------------	--------------	-----------------	-------------------------	-----------------	--------------


Full details available in supplementary legend.

<b>Project</b>		<b>Bore hole/Test pit</b>		<b>Drilling</b>		<b>Logo</b> 
Name:	Output - a	Name:	TP-01	Contractor:	Contractor 01	
Client:	Client	Depth [m]:	12	Method:	Test pit	
Location:	Location	Elevation [m]:	-	Start date:	2017-08-19	
Code:	Project Code	Water table level [m]:	-	End date:	2017-08-25	




Depth [m]	GWT [m]	Sample Type	USCS	Description	DP (Blows per 20 cm)	Soil Particles				Atterberg limits [%]			Physical characteristics		Direct Shear		Insitu Direct Shear		Other Tests	Elev. [m]
						G	S	M	C	LL	PL	PI	g d [g/cm <sup>3</sup> ]	w [%]	G s	Type	phi [deg.]	c [kg/cm <sup>2</sup> ]		
10		BU		Silty GRAVEL with Sand	269	41.1	28.6	30.3		NP	NP	NP								-10
11																				-11
12		BU		Silty SAND with Cobbles and Boulders																-12
12				End of boring	135	19.3	55.6	15.2	9.9										PLT	-12
13																				-13
14																				-14
15																				-15
16																				-16
17																				-17
18																				-18
19																				-19
20																				-20

Sample	 Disturbed	Index	G: Gravel	LL: Liquid Limit	gd: Dry unit weight	Strength	F: Fast	Other tests	CH: Chemical	Note:
	 Undisturbed		S: Sand	PL: Plastic Limit	w: Moisture Content		S: Slow		CMP: Compaction	
	 Rock core		M: Silt	PI: Plastic Index	Gs: Specific Gravity		phi: Friction angle		PLT: Plate loading test	
			C: Clay	NP: Non-Plastic			c: Cohesion		K: Permeability	

Full details available in supplementary legend.


<b>Project</b>		<b>Bore hole/Test pit</b>		<b>Drilling</b>		<b>Logo</b> 
Name:	Output - b	Name:	BH-01	Contractor:	Contractor 02	
Client:	Client	Depth [m]:	20	Method:	Continuous coring	
Location:	Location	Elevation [m]:	-	Start date:	2017-08-18	
Code:	Project Code	Water table level [m]:	-	End date:	2017-08-22	

Depth [m]	GWT [m]	Sample Type	USCS	Description	SPT (Blows per 30 cm)					Fines [%]	Atterberg limits [%]			Physical characteristics			Direct Shear			q u		Triaxial Compression		Consolidation		Other Tests	Elev. [m]
					0	25	50	75	100		LL	PL	PI	g d [g/cm <sup>3</sup> ]	w [%]	G s	Type	phi [deg.]	c [kg/cm <sup>2</sup> ]	q u [kg/cm <sup>2</sup> ]	Type	phi [deg.]	c [kg/cm <sup>2</sup> ]	C c	C s		
0				Fill Material																						0	
1		ST	U	Sandy LEAN CLAY with Boulders	19					64.2	37	20	17													-1	
2		SH	U	LEAN CLAY with Sand						78.3	31	19	12								UU	3.4	1.06	0.24	0.029	-2	
3						30																					-3
4																										-4	
5		ST	U		42					69.1	34	20	14	1.71	11.2										K	-5	
6		SH	U	SILTY CLAY						94.8	25	18	7								CD	23.1	0.27	0.19	0.031	CH	-6
7					50/5																					-7	
8		ST	U	Poorly-Graded GRAVEL with Clay						8.5	34	21	13				F	37	0							-8	
9		ST	U	Well-Graded GRAVEL with Clay and Sand	64					11.4	32	20	12		2.63											-9	
10																										-10	

 Disturbed	 Undisturbed	 Rock core	<b>Index</b>	LL: Liquid Limit	Fines: M+C	<b>Strength &amp; Compression</b>	F: Fast	CD: Consolidated Drained	Cc: Coefficient of compression	<b>Other tests</b>	CH: Chemical	<b>Note:</b>
				PL: Plastic Limit	gd: Dry unit weight		S: Slow	CU: Consolidated Undrained	Cs: Coefficient of swelling		CMP: Compaction	Full details available in supplementary legend.
				PI: Plastic Index	w: Moisture Content		phi: Friction angle	UU: Unconsolidated Undrained			PLT: Plate loading test	
				NP: Non-Plastic	Gs: Specific Gravity		c: Cohesion	qu: Unconfined Compression			K: Permeability	





<b>Project</b>		<b>Bore hole/Test pit</b>		<b>Drilling</b>		<b>Logo</b> 
Name:	Output - c	Name:	TP-01	Contractor:	Contractor 01	
Client:	Client	Depth [m]:	12	Method:	Test pit	
Location:	Location	Elevation [m]:	-	Start date:	2017-08-19	
Code:	Project Code	Water table level [m]:	-	End date:	2017-08-25	

Depth [m]	GWT [m]	Sample Type	USCS	Description	SPT (Blows per 30 cm)					Soil Particles				Atterberg limits [%]			Physical characteristics		Direct Shear		q <sub>u</sub> [kg/cm <sup>2</sup> ]	Consolidation		Other Tests	Elev. [m]
					0	25	50	75	100	G	S	M	C	LL	PL	PI	g <sub>d</sub> [g/cm <sup>3</sup> ]	w [%]	G <sub>s</sub>	Type		phi [deg.]	c [kg/cm <sup>2</sup> ]		
0				Top Soil																				0	
1																								-1	
2		BL	⊗	FAT CLAY	30					0	14.6	56.3	29.1	57	27	30	1.65	8.2			2.78			-2	
3																								-3	
4		BU	□	FAT CLAY with Sand	>32					6.3	17.2	49.7	26.8	66	29	37			2.74				CH	-4	
5																								-5	
6		BU	□	ELASTIC SILT with Gravel	>32									54	31	23				S	27.7	0.08		K	-6
7																	1.73	6.4					PLT	-7	
8		CC	⊗	LEAN CLAY	Over					5.2	3.3	60.1	31.4	38	15	23					0.32	0.039		-8	
9																								-9	
10		BU	□	Silty GRAVEL with Sand	>50					41.1	28.6	30.3		NP	NP	NP								-10	

<b>Sample</b>	□ Disturbed	⊗ Undisturbed	█ Rock core	<b>Index</b>	G: Gravel	LL: Liquid Limit	gd: Dry unit weight	<b>Strength &amp; Compression</b>	F: Fast	qu: Unconfined Compression	<b>Other tests</b>	CH: Chemical	<b>Note:</b>
					S: Sand	PL: Plastic Limit	w: Moisture Content		S: Slow	Cc: Coefficient of compression		CMP: Compaction	Full details available in supplementary legend.
					M: Silt	PI: Plastic Index	Gs: Specific Gravity		phi: Friction angle	Cs: Coefficient of swelling		PLT: Plate loading test	
					C: Clay	NP: Non-Plastic			c: Cohesion			K: Permeability	











Patterns


Gravel		GW		GW-GC		GP-GC		GC
		GP		GW-GM		GP-GM		GC-GM
Sand		SW		SW-SC		SP-SC		SC
		SP		SW-SM		SP-SM		SC-SM
Fines		CL		CH		OL		PT
		CL-ML		MH		OH		
Rock & Others		ROCK		TS		FL		OTHER
		HWR						

Sample types	Disturbed	BU: Bulk	SS: Split-spoon	
	Undisturbed	BL: Block CC: Core cutter D: Denison	FO: Foil PH: Hydraulic piston PS: Stationary piston	
	Rock core	ST: Single tube DT: Double tube	TT: Triple tube WL: Wire line	
Symbols & Abbreviations	Index	G: Gravel S: Sand M: Silt C: Clay	LL: Liquid limit PL: Plastic limit PI: Plastic index NP: Non-plastic	$g_d$ : Dry unit weight $w$ : Moisture content $G_s$ : Specific gravity
	Strength	F: Fast S: Slow $\phi, \phi'$ : Friction Angle $c, c'$ : Cohesion	CD: Consolidated Drained CU: Consolidated Undrained UU: Unconsolidated Undrained $q_u$ : Unconfined compression	
	Compression	$C_c$ : Coefficient of compression	$C_s$ : Coefficient of swelling	
	Other tests	CH: Chemical CMP: Compaction	PLT: Plate Loading Test K: Permeability	




Project		Bore hole/Test pit		Logo
Name:	Output - e	Name:	TP-01	
Client:	Client	Depth [m]:	15	
Location:	Location	Elevation [m]:	100	
Code:	Project Code	Water table level [m]:	12	


Depth [m]	GWT [m]	Sample Type	USCS	Description	SPT	Soil Particles				Atterberg limits [%]		Physical characteristics		Direct Shear			Elev. [m]
						G	S	M	C	LL	PI	g d [g/cm <sup>3</sup> ]	w [%]	Type	phi [deg.]	c [kg/cm <sup>2</sup> ]	
0				Top Soil												100	
		BU		Clayey GRAVEL with Sand and Cobbles	43	36.8	26.9	22.4	13.9	33	16						
2		BL		Clayey GRAVEL with Sand	>50	51.2	20.7	18.3	9.8	37	18			S	34.5	0.05	98
4		BU		Clayey SAND with Gravel	>50	26.4	38.8	34.8	-	32	16	1.97	6.7				96
6		BU		Poorly-Graded GRAVEL with Clay and Sand	>50	67.3	21.2	11.5	-	29	14			F	37.1	0.01	94
8		BU		Poorly-Graded GRAVEL with Sand	>50												92
10		BU		Poorly-Graded GRAVEL with Sand	>50												90
12		CC		Silty, Clayey GRAVEL with Sand	Over	34.1	28.5	23.2	14.2					S	32.8	0.04	88
14		CC		LEAN CLAY with Gravel	Over	12.9	8.6	45.9	32.6	39	19	1.71	10.1				86
16		BL		Gravelly LEAN CLAY with Sand	>30									S	29.4	0.13	84
18				End of boring													82
20																	80

Sample		Index	G: Gravel	LL: Liquid Limit	gd: Dry unit weight	Strength	F: Fast	Note:
			S: Sand	PL: Plastic Limit	w: Moisture Content		S: Slow	
			M: Silt	PI: Plastic Index	Gs: Specific Gravity		phi: Friction angle	Full details available in supplementary legend.
			C: Clay	NP: Non-Plastic			c: Cohesion	

Project		Bore hole/Test pit			Logo
Name:	Output - f	Name:	BH-01		
Client:	Client	Depth [m]:	35		
Location:	Location	Elevation [m]:	102.5		
Code:	Project Code	Water table level [m]:	13.4		

Depth [m]	GWT [m]	Sample Type	USCS	Description	SPT	Fines [%]		Atterberg limits [%]		Physical characteristics		Direct Shear		Other Tests	Elev. [m]
						LL	PI	gd [g/cm <sup>3</sup> ]	w [%]	Type	phi [deg.]	c [kg/cm <sup>2</sup> ]			
0				Top Soil											102.5
2		SS		Clayey GRAVEL with Sand	28	43.1	37	17	1.99	5.3				CMP	100.5
4		SS		Clayey GRAVEL with Sand	23	29.3	31	12						K-CH	98.5
6		ST		Clayey SAND with Gravel	34	31.7	34	14			S	31.8	0.04		96.5
8		ST		Well-Graded SAND with Silty Clay, Gravel and Cobbles	>50	9.7	25	7	1.89	7.2				CH	94.5
10		DT		Clayey GRAVEL with Sand	44	27.7	34	13							92.5
12		SH		Clayey GRAVEL with Sand	50/6	22.8	32	12							90.5
14		SH		Gravelly LEAN CLAY	50/12	78.2	41	22						CH	88.5
16		SH		Gravelly LEAN CLAY	50	59.5	38	16							86.5
18		ST		Poorly-Graded GRAVEL with Sand	>50	3.9	-				F	36.9	0.01	K	84.5
20		SS		Poorly-Graded GRAVEL with Sand	50/9	2.3								CH	82.5


<b>Sample</b>  Disturbed  Undisturbed  Rock core	<b>Index</b> Fines: Silt + Clay LL: Liquid Limit PI: Plastic Index NP: Non-Plastic gd: Dry unit weight w: Moisture Content Gs: Specific Gravity	<b>Strength</b> F: Fast S: Slow phi: Friction angle c: Cohesion	<b>Other tests</b> CH: Chemical CMP: Compaction PLT: Plate loading test K: Permeability	<b>Note:</b> Full details available in supplementary legend.
--	--	---	---	---

Project		Bore hole/Test pit		Logo
Name:	Output - f	Name:	BH-01	
Client:	Client	Depth [m]:	35	
Location:	Location	Elevation [m]:	102.5	
Code:	Project Code	Water table level [m]:	13.4	




Depth [m]	GWT [m]	Sample Type	USCS	Description	SPT	Fines [%]	Atterberg limits [%]		Physical characteristics		Direct Shear		Other Tests	Elev. [m]	
							LL	PI	g d [g/cm <sup>3</sup> ]	w [%]	Type	phi [deg.]			c [kg/cm <sup>2</sup> ]
20		SS		Poorly-Graded GRAVEL with Sand	50/9	2.3							CH	82.5	
22		DT		Clayey GRAVEL with Sand	>50	27								80.5	
24		DT		Well-Graded SAND with Silt and Gravel	50/5	10.2	NP	NP	1.91	8.5	F	35.1	0.02	CH-K	78.5
26														76.5	
28				Highly Weathered Rock										74.5	
30														72.5	
32				Rock										70.5	
34														68.5	
36				End of boring										66.5	
38														64.5	
40														62.5	


<b>Sample</b> Disturbed Undisturbed Rock core	<b>Index</b> Fines: Silt + Clay LL: Liquid Limit PI: Plastic Index NP: Non-Plastic gd: Dry unit weight w: Moisture Content Gs: Specific Gravity	<b>Strength</b> F: Fast S: Slow phi: Friction angle c: Cohesion	<b>Other tests</b> CH: Chemical CMP: Compaction PLT: Plate loading test K: Permeability	<b>Note:</b> Full details available in supplementary legend.
--	--	---	---	---






Project			Bore hole/Test pit			Logo		
Name:	Output - g		Name:	TP-01				
Client:	Client		Depth [m]:	18				
Location:	Location		Elevation [m]:	100				
Code:	Project Code		Water table level [m]:	12				


Depth [m]	GWT [m]	Sample Type	USCS	Description	SPT	Fines [%]		Atterberg limits [%]		Physical characteristics		Direct Shear		q u [kg/cm <sup>2</sup> ]	Consolidation		Elev. [m]
						LL	PI	g d [g/cm <sup>3</sup> ]	w [%]	Type	phi [deg.]	c [kg/cm <sup>2</sup> ]	C c		C s		
0				Fill Material													100
1		BU		PEAT	138												98
3		BL		Clayey GRAVEL with Sand	193	28.1	37	18		S	34.5	0.05					96
5		BU		Clayey SAND with Gravel	226	34.8	32	16	1.97		6.7		2.23				94
7		BU		Poorly-Graded GRAVEL with Clay and Sand	301	11.5	29	14		F	37.1	0.01					92
9		BU		Poorly-Graded GRAVEL with Sand	320		-										90
11		CC		Silty, Clayey GRAVEL with Sand	160/7	37.4				S	32.8	0.04					88
13	12	CC		LEAN CLAY with Gravel	160/9	78.5	39	19	1.71	10.1			3.64	0.34	0.048		86
15		BL		Gravelly LEAN CLAY with Sand	294					S	29.4	0.13					84
17				Highly Weathered Rock													82
18				End of boring													80

<b>Sample</b>  Disturbed  Undisturbed  Rock core	<b>Index</b> Fines: Silt + Clay LL: Liquid Limit PI: Plastic Index NP: Non-Plastic gd: Dry unit weight w: Moisture Content Gs: Specific Gravity	<b>Strength &amp; Compression</b> F: Fast S: Slow phi: Friction angle c: Cohesion qu: Unconfined Compression Cc: Coefficient of compression Cs: Coefficient of swelling	<b>Note:</b> Full details available in supplementary legend.
--	--	--	---

Project		Bore hole/Test pit		Logo
Name:	Output - h	Name:	BH-01	
Client:	Client	Depth [m]:	35	
Location:	Location	Elevation [m]:	102.5	
Code:	Project Code	Water table level [m]:	13.4	














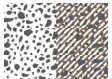

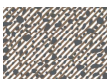



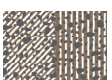














Depth [m]	GWT [m]	Sample Type	USCS	Description	SPT	Soil Particles				Physical characteristics		Direct Shear		q u [kg/cm <sup>2</sup> ]	Consolidation		Elev. [m]
						G	S	M	C	g d [g/cm <sup>3</sup> ]	w [%]	Type	phi [deg.]		c [kg/cm <sup>2</sup> ]	C c	
0				Top Soil													102.5
2		SS		Well-Graded GRAVEL with Sand	28	63.1	35.8	1.1	-	1.99	5.3						100.5
4		SS			23	70.7	25.9	3.4	-								98.5
6		ST		Clayey SAND with Gravel	34	29.4	38.9	17.2	14.5			S	31.8	0.04			96.5
8		ST		Well-Graded SAND with Silty Clay, Gravel and Cobbles	67	22.5	67.8	9.7	-	1.89	7.2						94.5
10		DT			44	47.2	25.1	27.7	-								92.5
12		SH		Clayey GRAVEL with Sand	50/6	50.4	26.8	22.8	-								90.5
14		SH		Gravelly LEAN CLAY	50/12	14.6	7.2	51.4	26.8					0.29	0.041		88.5
16		SH			50	18.9	21.6	25.1	34.4				3.25				86.5
18		ST		Poorly-Graded GRAVEL with Sand	89	71.4	24.7	3.9	-			F	36.9	0.01			84.5
20		SS			50/9	64.8	32.9	2.3	-								82.5

<b>Sample</b>  Disturbed  Undisturbed  Rock core	<b>Index</b> G: Gravel S: Sand M: Silt C: Clay	gd: Dry unit weight w: Moisture Content Gs: Specific Gravity	<b>Strength &amp; Compression</b> F: Fast S: Slow phi: Friction angle c: Cohesion	qu: Unconfined Compression Cc: Coefficient of compression Cs: Coefficient of swelling	<b>Note:</b> Full details available in supplementary legend.
--	--	--	---	---	---

Project		Bore hole/Test pit		Logo
Name:	Output - h	Name:	BH-01	
Client:	Client	Depth [m]:	35	
Location:	Location	Elevation [m]:	102.5	
Code:	Project Code	Water table level [m]:	13.4	

Depth [m]	GWT [m]	Sample Type	USCS	Description	SPT	Soil Particles				Physical characteristics		Direct Shear		q <sub>u</sub> [kg/cm <sup>2</sup> ]	Consolidation		Elev. [m]
						G	S	M	C	g <sub>d</sub> [g/cm <sup>3</sup> ]	w [%]	Type	phi [deg.]		c [kg/cm <sup>2</sup> ]	C <sub>c</sub>	
20		SS		Poorly-Graded GRAVEL with Sand	50/9	64.8	32.9	2.3									82.5
22		DT		Clayey GRAVEL with Sand	100	56.7	16.3	27	-								80.5
24		DT		Well-Graded SAND with Silt and Gravel	50/5	22.9	66.9	10.2	-	1.91	8.5	F	35.1	0.02			78.5
26																	76.5
28				Highly Weathered Rock													74.5
30																	72.5
32				Rock													70.5
34																	68.5
36				End of boring													66.5
38																	64.5
40																	62.5

Sample		Disturbed	Index	G: Gravel	gd: Dry unit weight	Strength & Compression	F: Fast	qu: Unconfined Compression	Note:
		Undisturbed		S: Sand	w: Moisture Content		S: Slow	Cc: Coefficient of compression	
		Rock core		M: Silt	Gs: Specific Gravity		phi: Friction angle	Cs: Coefficient of swelling	Full details available in supplementary legend.
				C: Clay			c: Cohesion		

Sample types		BU: Bulk	SS: Split-spoon			
Sample types	Disturbed					
	Undisturbed	BL: Block CC: Core cutter D: Denison	FO: Foil PH: Hydraulic piston PS: Stationary piston	PT: Pitcher SH: Shelby		
	Rock core	ST: Single tube DT: Double tube	TT: Triple tube WL: Wire line			
Patterns	Gravel	 GW	 GW-GC	 GP-GC	 GC	
		 GP	 GW-GM	 GP-GM	 GC-GM	
					 GM	
		Sand	 SW	 SW-SC	 SP-SC	 SC
			 SP	 SW-SM	 SP-SM	 SC-SM
						 SM
	Fines		 CL	 CH	 OL	
			 CL-ML	 MH	 OH	 PT
			 ML			
		Rock & Others	 ROCK	 TS		
			 HWR	 FL	 OTHER	
Symbols & Abbreviations	Index	G: Gravel S: Sand M: Silt C: Clay	LL: Liquid limit PL: Plastic limit PI: Plastic index NP: Non-plastic	$g_d$ : Dry unit weight w: Moisture content $G_s$ : Specific gravity		
	Strength	F: Fast S: Slow $\phi$ , $\phi'$ : Friction Angle c, c': Cohesion	CD: Consolidated Drained CU: Consolidated Undrained UU: Unconsolidated Undrained $q_u$ : Unconfined compression			
	Compression	$C_c$ : Coefficient of compression		$C_s$ : Coefficient of swelling		
	Other tests	CH: Chemical CMP: Compaction	PLT: Plate Loading Test K: Permeability			