

Client: 1000	Technique: NW	Start date: 05 Octobre 2011
Site: SMALL-DAM	Type of drill:	End date: 07 Octobre 2011
Technician: Jones	Fluid for drilling:	Prepared by: Jones
Contractor:	Diameter of the corer: mm	Verified by: Williams

DEPTH (m)	ELEV. (m)	Stratigraphy DESCRIPTION	SYMBOL	STATE	TYPE and NUMBER	N VALUE	% RECOV.	PARAMETER ANALYZED	VAPOR (PPM)	Organoleptic observation					Water table	DESIGN	NOTES
										Offactory	Medium	Strong	None	Scattered			
0.00	415.20	Natural ground surface															
0.15	415.05	Top soil															
1.60	413.60	Gray-brown silty clay Traces of oxidation Stiff			ST-01		96	PI=36.0; LI=0.31	83								Sand, silt and gravel
2.60	412.60	Gray silty clay Firm becoming softer with depth			ST-02		93	GSA Gs=2.67 PI=33.0; LI=0.55 At 1.1 m Cu=105kPa	13								Sand
4.30		Medium to coarse gravelly sand Presence of cobbles Medium to dense			ST-03		95	At 1.1 m Cur=25kPa PI=28.0; LI=0.83 Cu=78.0 kPa Cur=15.00 kPa	5								Bentonite
4.30		Medium sand horizon from 3.8 to 4.0 m			SS-04		6	PI=28.0; LI=0.83 Cu=78.0 kPa Cur=15.00 kPa	35								
4.30		Cobbles and blocks of dimension between 100 and 200 mm were bored at a depth of 4.3 to 4.8 m			SS-05		R	C _c =0.85; C _u =0.024 e _v =1.39; σ _v =320 kPa γ _s =1692 kg/m ³	45								
4.30					SS-06		4	PI=13.0; LI=1.35 Refusal at 2.6 m									
4.30					DC-07		71.7	GSA GSA GSA									Sand, silt and gravel
5.90	409.30	Sand and gravel Well graded material Dense to very dense till.			SS-08		34	GSA GSA GSA	10								
5.90					SS-09		100	GSA	87								
5.90					SS-10		100	GSA	67								Bentonite
5.90					SS-11		100	GSA	21								
5.90					SS-12		31	Refusal at 8.9 m GSA	58								Sand
5.90					SS-13		0	Refusal at 9.4 m									
9.60	405.60	Rock: granitic gneiss with fuzzy foliation whose dip is subhorizontal.															Bentonite
9.60					DC-14		88	100									Sand and gravel
11.20	404.00	End of borehole															

SAMPLE (STATE)

Intact	Remolded	Lost	Core

LEGEND

	Groundwater table
	Piezometric level
GS	Grain size analysis
N	Standard penetration
Dr	Relative density of the solid grains
Gd	Unit weight

PIEZOMETER

Type of filter:	Casagrande
Length of the filter:	0.3 m
Filter diameter:	25 mm
Aperture size:	mm

COORDINATES

Reference:	Arbitrary
X:	505873.2
Y:	5000565.8
Z:	415.2

SAMPLE (TYPE)

SS	Split spoon
ST	Thin wall sampler (Shelby)
DC	Dimaond rock core

Remarks: