



SOIL BORING LOG

PROJECT NUMBER: 468602

BORING NUMBER: P68

SHEET 1 OF 2

PROJECT : HCO

LOCATION : Cernay, France (963841.18 N, 322195.83 E)

ELEVATION : 289.29 m

DRILLING CONTRACTOR : Hettmannsperger


DRILLING METHOD AND EQUIPMENT : Cable tool

WATER LEVELS : 5.10 m below ground surface

START : 18/02/2013

END : 19/02/2013

LOGGER : A. Charneau

DEPTH BELOW EXISTING GRADE (m)		INTERVAL (m)		RECOVERY (%)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	SYMBOLIC LOG	PID-10.6 (ppm)	PID-11.7 (ppm)	COMMENTS	WELL DIAGRAM
289.3					Pre-drilling by vacuum excavation					
1										
288.3										
2	2.00		100%		1.5-3.5m: SAND & GRAVEL (GW/SW) Dark greyish brown (10YR 4/2) well-graded sand (some; 45%) and gravel (some; 45%) with silt (trace) and cobbles (few; 10%). Sand is medium, angular. Gravel is fine to coarse. Moist.					
287.3				100%						
3	3.00									
286.3				100%						
4	4.00				3.5-5.1m: SAND & GRAVEL (GW/SW) Dark reddish brown (5YR 3/4) well-graded sand (some; 44%) and gravel (some; 44%) with silt (trace; 2%) and cobbles (few; 10%; up to 20 cm). Sand is fine to coarse, mostly medium. Gravel is fine to coarse, subangular. Moist.					
285.3				100%						
5	5.00									
284.3				100%	5.1-8.0m: SAND (SW) Dark yellowish brown (10YR 3/4) well-graded sand (mostly; 54%) with gravel (some; 34%), silt (trace; 2-3%) and cobbles (few; 10%; up to 20 cm). Sand is fine to medium. Gravel is fine to coarse mostly medium, subangular to subrounded. Wet.				Water entry: 5.1mbgs (18/02/13)	
6	6.00									
283.3				100%					Water level: 5.93mbgs (21/02/13)	
7	7.00									
282.3				100%						
8	8.00									
281.3				100%	8.0-13.5m: SAND (SW) Brown (10YR 5/3) well-graded sand (mostly; 63%) with gravel (little; 23%), silt (trace; 4%) and cobbles (few; 10%). Sand is fine to coarse, mostly fine to medium. Gravel is fine to coarse, mostly medium, subangular to subrounded. Wet.					
9	9.00									
280.3				100%						
10	10.00									

04124X0686/P68



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		RECOVERY (%)						
279.3		100%	>12.0-13.0m: Sand is mostly medium, angular.					
11 278.3	11.00	100%						
12 277.3	12.00	100%						
13 276.3	13.00	100%	13.5-15.2m: SAND (SM) Yellowish brown (10YR 5/8) well-graded sand (mostly; 52%) with gravel (some; 32%) with silt (few; 5-6%) and cobbles (few; 10%; up to 20 cm). Sand is fine to coarse, mostly medium to coarse, angular, oxydation traces. Gravel is medium to coarse, subangular.					
14 275.3	14.00	100%						
15 274.3	15.20		Bottom of Boring at 15.20 m below ground surface					

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