



# SOIL BORING LOG

PROJECT NUMBER: 468602

BORING NUMBER: PC08

SHEET 1 OF 2

PROJECT : HCO

LOCATION : Cernay, France (963853,26 N, 322244,83 E)

ELEVATION : 288.03 m

DRILLING CONTRACTOR : Hettmannsperger

DRILLING METHOD AND EQUIPMENT : Cable tool

WATER LEVELS : 4.80 m below ground surface

START : 20/02/2013

END : 21/02/2013

LOGGER : S. Julia

DEPTH BELOW EXISTING GRADE (m)	INTERVAL (m)		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
		RECOVERY (%)						
288.0			Pre-drilling by vacuum excavation					250mm diameter OTT cover Cement grout
1								
287.0								
2								
286.0								
3	3.00	100%	2.5-5.0m: <b>SAND &amp; GRAVEL (GW/SW)</b> Dark reddish brown (5YR 3/4) well-graded sand (some; 45%) and gravel (some; 45%) with silt (trace; <1%) and cobbles (few; 10%; up to 20 cm). Sand is fine to coarse, mostly medium. Gravel is fine to coarse. Moist.					Bentonite (chips)
285.0		100%						
4	4.00							
284.0		100%						
5	5.00							
283.0		100%	5.0-7.5m: <b>SAND (SW)</b> Dark yellowish brown (10YR 3/4) well-graded sand (mostly; 54%) with gravel (some; 44%) and silt (trace; 2%). Sand is fine to coarse, mostly angular. Gravel is fine to coarse, subrounded to subangular. Wet.					
6	6.00							
282.0		100%						
7	7.00							
281.0		100%						
8	8.00		7.5-13.0m: <b>SAND (SW)</b> Dark yellowish brown (10YR 4/6) well-graded sand (mostly; 58%) with gravel (little to some; 28%) and silt (trace; 4%) and cobbles (few; 10%). Sand is fine. Gravel is fine to coarse, mostly fine to medium, subrounded to subangular. Wet.					
280.0		100%						
9	9.00							
279.0		100%						Filter Pack (washed silica sand)
10	10.00							

04124X0693/PC08



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INTERVAL (m)	RECOVERY (%)						
278.0							<p>0.75mm slot 50mm PVC Screen</p> <p>Sump</p> <p>Filter pack</p>
11 277.0	11.00	100%					
12 276.0	12.00	100%					
13 275.0	13.00	100%					
14 274.0	14.00	100%					
15 273.0	15.00	100%					
		<b>13.0-13.5m: SAND (SW-SM)</b> Yellowish brown (10YR 5/8) well-graded sand (mostly) with gravel (some) and silt (few; 6-7%). Sand is coarser, subangular. Silt lumps.					
		<b>13.5-15.3m: SAND (SW-SM)</b> Yellowish brown (10YR 5/8) well-graded sand (mostly; 52%) with gravel (some; 32%), silt (few; 7%) and cobbles (few; 10%). Sand is fine to coarse, mostly medium, angular.					
		> 14.0m: Large lump of silt.					
		Bottom of Boring at 15.30 m below ground surface					

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