



SOIL BORING LOG

PROJECT NUMBER: 428074

BORING NUMBER: PC05

SHEET 1 OF 2

PROJECT : HCU

LOCATION : Cernay, France (963871.32 N, 322324.78 E)

ELEVATION : 287.81 m

DRILLING CONTRACTOR : Hettmannsperger

DRILLING METHOD AND EQUIPMENT : Cable tool

WATER LEVELS : 5.10 m below ground surface

START : 14/01/2013

END : 15/01/2013

LOGGER : S. Julia

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
	START	END							
287.8				Pre-drilling by vacuum excavation					<p>250mm diameter OTT cover Cement grout</p>
1 286.8									
2 285.8									
3 284.8			100%	2.5-6.0m: SAND (SW-SM) Reddish brown (5YR 5/4) well-graded sand (mostly; 50%) with gravel (some; 45%), silt (few; 5%) and cobbles (up to 10 cm, 4 per meter). Sand is fine to coarse (10%F-45%M-45%C), subangular-angular. Gravel is fine to coarse (50%F-50%C), subrounded. Moist.					<p>Bentonite (chips)</p>
4 283.8	4.00		100%						
5 282.8	5.00		100%	> 5.1-6.0m: Wet.				Water entry: 5.1mbgs	
6 281.8	6.00		100%	6.0-12.6m: SAND (SW) Dark yellowish brown (10YR 4/4) well-graded sand (mostly; 60%) with gravel (some; 39%), cobbles (>10 cm ; 4 to 6 per meter) and silt (trace; <1%). Sand is mostly medium, angular-subangular. Gravel is subrounded. Wet.					
7 280.8	7.00		100%						
8 8.00	8.00								



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	Start	End							
279.8			100%						
9	9.00		100%						
278.8			100%						
10	10.00		100%						
277.8			100%						
11	11.00		100%						
276.8			100%						
12	12.00		100%						
275.8			100%						
13	13.00		100%	12.6-15.2m; SAND (SW) Yellowish brown (10YR 5/6) well-graded sand (mostly; 70%) with gravel (little; 28%), silt (trace; 2%) and cobbles. Sand is medium (<1mm). Wet.					
274.8			100%						
14	14.00		100%						
273.8			100%						
15	15.20		100%						
272.8				Bottom of Boring at 15.20 m below ground surface					