



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)			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
	INTERVAL (m)	RECOVERY (%)						
287.8			Pre-drilling by vacuum excavation					
1 286.8								
2 285.8								
3 284.8			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.					
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%						
8 280.8	8.00	100%						

04124X0691/PC05



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		RECOVERY (%)						
279.8		100%						
9	9.00							
278.8		100%						
10	10.00							
277.8		100%						
11	11.00							
276.8		100%						
12	12.00							
275.8		100%						
13	13.00		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							
273.8		100%						
15	15.20							
272.8			Bottom of Boring at 15.20 m below ground surface					

Filter Pack
(washed
silica sand)

0.75mm
slot 50mm
PVC
Screen

Sump

Filter pack

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