



# SOIL BORING LOG

PROJECT NUMBER: 428074

BORING NUMBER: P62

SHEET 1 OF 2

PROJECT : HCU

LOCATION : Cernay, France (963856.59 N, 322345.75 E)

ELEVATION : 288.75 m

DRILLING CONTRACTOR : Hettmannsperger


DRILLING METHOD AND EQUIPMENT : Cable tool

WATER LEVELS : 4.20 m below ground surface

START : 13/12/2012

END : 14/12/2012

LOGGER : N. Cavaleri

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 (%)						
288.8			Pre-drilling by vacuum excavation					
1 287.8								
2 286.8								
3 285.8								
4 284.8	4.00	100%	3.0-5.1m: <b>SAND &amp; GRAVEL (GW/SW)</b> Dark reddish brown (5YR 3/4) well-graded sand and gravel with cobbles and silt (trace). Sand is mostly medium, subangular. Gravel is medium to coarse, subrounded. Moist.					
5 283.8	5.00	100%	> 4.0-5.1m: Layer of cobbles.				Water level: 4.2mbgs (17/12/12)	
6 282.8	6.00	100%	5.1-6.3m: <b>SAND &amp; GRAVEL (GW/SW)</b> Dark yellowish brown (10YR 3/4) well-graded sand and gravel with cobbles and silt (trace). Moist					
7 281.8	7.00	100%	> 5.5-6.3m: Transition to well-graded sand and gravel with silt (trace) and cobbles. Sand and gravel are fine to coarse. Wet.				Water entry: 5.5mbgs (14/12/12)	
8 280.8	8.00	100%	6.3-12.8m: <b>SAND &amp; GRAVEL (GW/SW-GM/SM)</b> Dark greyish brown (10 YR 4/2) well-graded sand and gravel with silt (few) and cobbles. Wet.					

04124X0684/P62



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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 (%)						
280.8			> 8.0-9.0m: Transition to well-graded gravel with sand, silt (few) and cobbles. Wet.					
9	9.00	100%						
279.8			> 9.0m: Presence of cobbles (20 cm).					
10	10.00	100%	> 9.0-9.3m: Transition to well-graded gravel with sand, silt (trace) and cobbles. Wet.					
278.8			> 9.3-12.8m: Transition to well-graded sand and gravel with silt (trace) and cobbles. Wet.					
11	11.00	100%						
277.8								
12	12.00	100%						
276.8								
13	13.00	100%	12.8-13.2m: SILT (ML) Dark yellowish brown (10YR 4/6) silt with sand and gravel. Sand is angular to subangular. Gravel is fine to coarse. Very hard. Moist.					
275.8	13.20	100%	Bottom of Boring at 13.20 m below ground surface					

Filter Pack (washed silica sand)

0.75mm slot 50mm PVC Screen

Filter pack

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