



# SOIL BORING LOG

PROJECT NUMBER: 428074

BORING NUMBER: P67

SHEET 1 OF 2

PROJECT : HCU

LOCATION : Cernay, France (963890.72 N, 322406.10 E)

ELEVATION : 288.54 m

DRILLING CONTRACTOR : Hettmannsperger

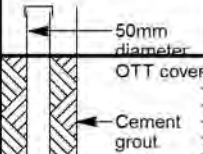






DRILLING METHOD AND EQUIPMENT : Cable tool

WATER LEVELS : 4.90 m below ground surface

START : 08/01/2013

END : 09/01/2013

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 (%)						
288.5			Pre-drilling by vacuum excavation					
1 287.5								
2 286.5								
3 285.5								
4 284.5	4.00	100%	<b>3.0-5.0m: SAND &amp; GRAVEL (GW/SW-GM/SM)</b> Dark reddish brown (5YR 3/4) well-graded sand and gravel with silt and cobbles. Sand is mostly medium, subangular. Gravel is fine to coarse. Moist					
5 283.5	5.00	100%	<b>5.0-8.5m: SAND &amp; GRAVEL (GW/SW-GM/SM)</b> Dark yellowish brown (10YR 3/4) well-graded sand and gravel with silt and cobbles. Cobbles size and content increase. Moist.				Water level: 4.9mbgs (09/01/13)	
6 282.5	6.00	100%	> 5.5m: Presence of a cobble (25 cm). > 5.8m: Silt content decreases. Wet. > 6.0m: Gravel content increases. Wet.				Water entry: 5.0mbgs	
7 281.5	7.00	100%						
8 281.5	8.00	100%	> 7.4m: Cobbles content increases. Presence of cobbles (up to 20 cm).					

04131X0655/P67



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ELEVATION : 288.54 m

DRILLING CONTRACTOR : Hettmannsperger

DRILLING METHOD AND EQUIPMENT : Cable tool

WATER LEVELS : 4.90 m below ground surface

START : 08/01/2013

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LOGGER : N. Cavaleri

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 (%)						
280.5			> 8.0-8.5m: Sand is fine to medium.					
9	9.00	100%	8.5-13.7m: <b>GRAVEL (GW)</b> Dark greyish brown (10 YR 4/2) well-graded gravel with sand and cobbles. Sand is mostly medium, subangular. Wet.					
279.5								
10	10.00	100%						
278.5			> 10.0m: Cobbles size increases.					
11	11.00	100%						
277.5								
12	12.00	100%						
276.5								
13	13.00	100%						
275.5								
14	14.00	100%	> 13.3-13.5m: Cobbles size decreases (up to 10 cm).					
274.5			> 13.5-13.7m: Transition to well-graded gravel with sand, silt and cobbles.					
	14.50	100%	13.7-14.5m: <b>SILT (ML)</b> Yellowish brown (10YR 5/6) silt with sand, gravel and cobbles. Black mottling. Soft. Moist.					
			> 14.0m: Silt becomes hard. Bottom of Boring at 14.50 m below ground surface					

Filter Pack  
(washed  
silica sand)

0.75mm  
slot 50mm  
PVC  
Screen

Filter pack

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