



SOIL BORING LOG

PROJECT NUMBER: 428074

BORING NUMBER: P63

SHEET 1 OF 2

PROJECT : HCU

LOCATION : Cernay, France (963872.98 N, 322337.51 E)

ELEVATION : 288.84 m

DRILLING CONTRACTOR : Hettmannsperger

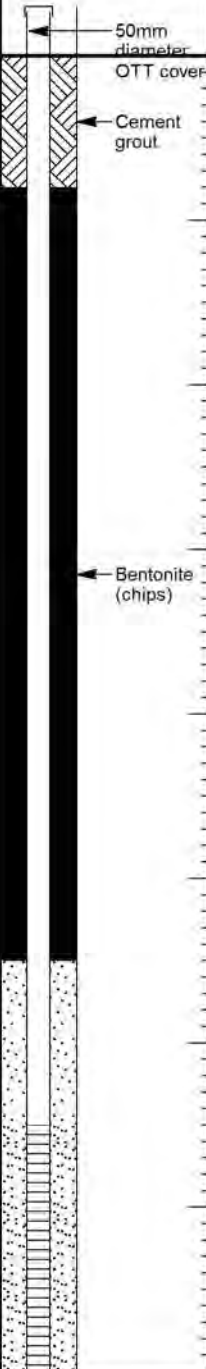
DRILLING METHOD AND EQUIPMENT : Cable tool

WATER LEVELS : 5.50 m below ground surface

START : 18/12/2012

END : 18/12/2012

LOGGER : N. Cavaleri

DEPTH BELOW EXISTING GRADE (m)		SOIL DESCRIPTION		SYMBOLIC LOG	PID-10.6 (ppm)	PID-11.7 (ppm)	COMMENTS	WELL DIAGRAM
INTERVAL (m)	RECOVERY (%)	SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY						
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: GRAVEL (GW-GM) Dark reddish brown (5YR 3/4) well-graded gravel with sand, silt (few) and cobbles (up to 10 cm). Sand is mostly medium. Gravel is fine to coarse. Moist.					
5 283.8	5.00	100%	> 3.8-4.0m: Transition to well-graded gravel with sand, silt (little) and cobbles. Wet. > 4.2-5.1m: Layer of cobbles.					
6 282.8	6.00	100%	5.1-8.4m: GRAVEL (GW-GM) Dark yellowish brown (10YR 3/4) well-graded gravel with sand, silt (few) and cobbles. Moist.				Water level: 5.5mbgs (18/12/12)	
7 281.8	7.00	100%	> 6.0-6.4m: Transition to well-graded gravel with sand, silt (trace) and cobbles. Wet. > 6.4-7.0m: Transition to well-graded gravel with sand, silt (few) and cobbles. Moist.					
8 280.8	8.00	100%	> 7.0-7.5m: Transition to well-graded gravel with sand, silt (trace) and cobbles. Wet.					

04124X0685/P63



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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 (%)							
280.8								
9	9.00	100%	8.4-15.2m: SAND & GRAVEL (GW/SW) Reddish brown (10R 4/6) well-graded sand and gravel. Sand and gravel are coarse. Wet. No silt					
279.8			> 9.0-9.5m: Transition to well-graded sand and gravel with silt (trace). Wet.					
10	10.00	100%	> 9.5-10.0m: Transition to well-graded sand with gravel and cobbles. Sand is fine to coarse, subangular. Wet.					
278.8			> 10.0- 14.4m: Transition to well-graded gravel with sand. Sand is medium to coarse. Gravel is coarse, subangular. Wet.					
11	11.00	100%	> 10.5m: Presence of cobbles (20 cm).					
277.8								
12	12.00	100%	> 12.5m: Presence of cobbles (20 cm).					
276.8								
13	13.00	100%						
275.8								
14	14.00	100%	> 14.4-15.2m: well-graded sand with gravel (some) and silt (trace). Sand is medium, subangular. Gravel is fine to coarse. Wet.					
274.8								
15	15.00	100%						
273.8	15.20	100%						
			Bottom of Boring at 15.20 m below ground surface					

Filter Pack (washed silica sand)

0.75mm slot 50mm PVC Screen

Filter pack

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0.75mm slot 50mm PVC Screen

Filter pack

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