

MONITORING WELL INSTALLATION REPORT

BONNARD & GARDEL Ingénieurs-conseils SAS		Project: HYDRAULIC CONTAINMENT - DU PONT		log-15-eng/181001.dsf Borehole N°: PZ44	
Project N°: FF0211.06		Drilling company: Hettmannsperger		Page N° 1/1	
Site location: CERNAY		Driller:		Well depth (m): 13.20	
Logged by: A. Paillard		Rig type: Cable percussion/bailer		Total boring depth (m): 13.80	
Checked by:		Drilling method:		Static groundwater depth (m):	
Date started: 18.6.08 - 14h30				Steel casing elevation (m):	
Date finished: 19.6.08 - 16h00				PVC casing elevation (m):	
				Static groundwater elevation (m):	

SOIL SYMBOL	SOIL DESCRIPTION	SOIL SAMPLE	SAMPLE DEPTH (m)	PID READING (ppm)	REMARKS	WELL DIAGRAM
0	TOP SOIL: silty sand, fine to coarse, loose, roots, brown, damp.				Very hard and slow drilling	
0.5	GRAVELLY SAND: some COBBLES, fine to coarse, well graded, dense, grey and brown, dry.					
1	From approx. 1.50 m, increase in gravels and cobbles.					
1.5						
2						
2.5	From 2.50 to 2.80 m, boulders.					
3	SAND, GRAVEL and COBBLES: fine to coarse sand and gravel, cobbles are 5-10 cm Ø, well graded, grey and brown, dry.					
3.5	At approx. 3.50 m, becomes damp.					
4						
4.5						
5						
5.5	At approx. 5.50 m, becomes wet, sand becomes medium to coarse, increase in gravels and cobbles.					
6						
6.5	GRAVEL, SAND and COBBLES: fine to coarse gravel and sand, cobbles are 10-25 cm Ø, well graded, grey, wet.					
7						
7.5						
8						
8.5						
9	From approx. 9.00 m, increase in amount and size of cobbles, sand is generally medium to coarse.					
9.5						
10	Presence of large cobbles.					
10.5						
11						
11.5						
12						
12.5	From approx. 12.6 to 13.00 m, sand becomes fine to coarse.				Measured bottom of borehole after having cleaned it with the bailer = 13.55 bgs	
13	SANDY SILT: some clay, trace fine to medium gravel, slightly plastic, damp, mottled reddish-orange, brown and yellow.					
13.5						
14	End of hole at 13.80 m					
14.5						
15						

PROTECTIVE CASING TYPE AND Ø:
 PERMANENT CASING TYPE AND Ø:
 BACKFILL TYPE:
 WELL SEAL TYPE:
 SCREEN TYPE, Ø AND SLOT SIZE:
 FILTER PACK TYPE AND SIZE:
 BOTTOM END CAP TYPE:

REMARKS:

- FIRST ENCOUNTERED GROUNDWATER
- STATIC GROUNDWATER DEPTH

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