

Supplement 3
Volume calculations of facies in the Angstel-Vecht area

line		av. thickness (m)	thickness err (m)	area (m2)	volume (m3)	vol (km3)	% of cl. dep
1	Fluvial deposits						
2	channels	8,3	0,40	12032954	99873517	0,100	31
3	levees	2,7	0,15	3322842	8971675	0,009	3
4	floodbasin	2,4	0,15	21793083	52303400	0,052	16
5	thin floodbasin	0,2	0,05	31196375	6239275	0,006	2
6	crevasse	3,5	0,50	2100746	7352611	0,007	2
7	lakes (sandy)	4,0	0,20	21229667	84918668	0,085	26
8	lakes (clayey)	3,8	0,20	16695380	63442445	0,063	20
9				108371048	323101591	0,32	
10	Sand in organic-clastic lake fills						
11	av. thickness of sand (sandy oclf)	1,7			36090434		
12	av. thickness of sand (clayey oclf)	0,5			8347690		
13					44438124		
14							
15	Organics (in fluvial domain)						
16	underlying levees dep	1,6		3322842	5316548	0,005	
17	underlying floodb dep	3,1		21793083	67558558	0,068	
18	underlying thin floodb dep	5,2		37148880	193174173	0,193	
19					266049279	0,266	
20	Proportions						
21	CDP* (channel deposits proportion)	0,17					
22	ODP* (overbank deposits proportion)	0,38					
23	OP* (organic proportion)	0,45					
24	oclf/fl dep.	0,46					
25	oclf/overbank dep	0,66					
26	oclf-sand/oclf	0,30					
27	oclf-sand/overbank	0,20					
28	oclf-sand/total sand	0,31					