Natural Cement

Contaminated land: risk assessment for building materials: report of analysis of samples after immersion in solution for one year

Table 4. Details of solution A-G

Sol G = water control, all contaminants in mg/l except pH

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Contaminate	SOL A	SOL B	SOL C	SOL D	SOL E	SOL F
pH	7.8	2.5	8.0	7.8	7.0	2.5
Sulfate	4200	4200	4200	4200	4200	4200
Sulfide	34	34	-	-		
Chloride	-	-	218	24		
Arsenic	5	5	65	1		
Cadmium	-	-	-	0.8		
Chromium	23	23	39	41		
Cobalt	-	-	-	11		
Copper	26.5	26.5	180	103		
Lead	91	91	530	130		
Manganese	355	355	-	730		
Mercury	-	-	2	0.1		
Nickel	23.5	23.5	28	43		
Vanadium	-	-	-	47		
Zinc	65	65	351	175		
Phenol	1	1	3.5	-		
Toluene	100	100	100	100		