

# SUMMARY OF CHEMICAL ANALYSES

In accordance with clauses 3, 5, 9 of BS1377:Part 3:1990 and BR279.

Hole Reference	Sample No	Sample Type	Depth m	Sulphate (SO <sub>4</sub> ) Content #			Chloride Content		pH Value	Organic Matter Content %	Total Sulphur %	Percent Passing 2 mm %	Description
				Acid Soluble Sulphate as % SO <sub>4</sub>	Aqueous Extract as g/l SO <sub>4</sub> <sup>+</sup>	Ground-water as g/l SO <sub>4</sub>	Soluble Chloride as g/l Cl	Ground-water as g/l Cl					
BH1	6	B	1.60	2.7	1.6				7.7		0.91	88	Grey mottled brown slightly sandy slightly gravelly CLAY.
BH2	3	B	0.95	0.14	0.46				8.4		0.05	27	Grey mottled reddish brown very clayey GRAVEL.
BH2	9	D	3.50							5.9		94	Dark brown slightly sandy slightly gravelly CLAY.
BH3	7	B	2.20	1.1	1.5				7.7		0.38	95	Brown mottled grey slightly gravelly CLAY.
BH3	13	B	5.70							1.5		100	Grey mottled brown CLAY.
BH4	3	D	1.00							2.2		91	Grey mottled yellowish brown slightly gravelly CLAY.

NOTES : + In 2:1 water:soil extract

# Calculated as SO<sub>3</sub> to BS1377:Part 3:1990, reported as SO<sub>4</sub> (SO<sub>4</sub> = SO<sub>3</sub> x 1.2)

All chemical tests were undertaken by an external laboratory.

SO<sub>4</sub> results for soil are for material <2mm

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**STRUCTURAL SOILS**

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