

Geotechnical Tests (Cont.)

No.	Test	Standard	Laboratory																
			ELEMENT	ACES	ACTS	Gulf Lab	Tech Lab	Pioneer	Teyseer	QEL	DTL	Fugro	QGEC	JEL	BATLABS	ITL	QIL	CTL	Ashghal
8.11	One Dimensional Swell of Cohesive Soils	ASTM D4546	-	√	-	-	-	-	-	√	-	-	-	-	-	-	-	-	-
8.12	Constant Head Permeability Test	BS 1377 Part 5-Sec. 5	-	√	√	-	-	-	-	√	√	-	-	-	-	-	√	-	-
8.13	Vane Shear Test	BS 1377 Part 7-Sec. 3	-	√	-	-	-	-	-	-	√	-	-	-	-	-	-	-	-
Field Tests																			
8.14	Soil Sampling	BS 5930 Cl. 22	-	√	√	√	√	-	-	√	√	√	√	-	-	-	√	-	-
8.15	Ground Water Sampling	BS 5930 Cl. 23	-	√	√	√	√	-	-	√	√	√	√	-	-	-	√	-	-
8.16	Ground Water Level Measurement	BS 5930 Cl. 23, 27, 47	-	√	√	√	√	-	-	√	√	√	√	-	-	-	√	-	-
8.17	Falling Head Permeability Test	BS 5930 Cl. 25	-	√	√	√	√	-	-	√	√	√	√	-	-	-	√	-	-
8.18	Packer Test	BS 5930 Cl. 25	-	√	√	√	√	-	-	√	√	√	√	-	-	-	√	-	-
8.19	Standard Penetration Test (SPT)	BS 1377 Part 9-Sec. 3.3	-	√	√	√	√	-	-	√	√	√	√	-	-	-	√	-	-