

In-situ density test (core cutter method)						
Location	Job ref.					
Soil description	Sample No.					
Test method	BS1377: Part 8: 1990 2.4					
Length of core cutter:			mm			
Volume of core cutter (V_c)			cm^3			
Test no.						
Mass of core cutter and wet soil	(m_s) g					
Mass of core cutter	(m_c) g					
Mass of wet soil	($m_s - m_c$) g					
Bulk density $\rho =$	$\frac{m_s - m_c}{V_c}$	Mg/m^3				
Moisture content container no.						
Moisture content		%				
Dry density $\rho_d =$	$\frac{100 \rho}{100 + w}$	Mg/m^3				
		Operator	Checked	Approved		