BS 1377 : Part 4 : 1990

Dry density/moisture content relationship (vibration)

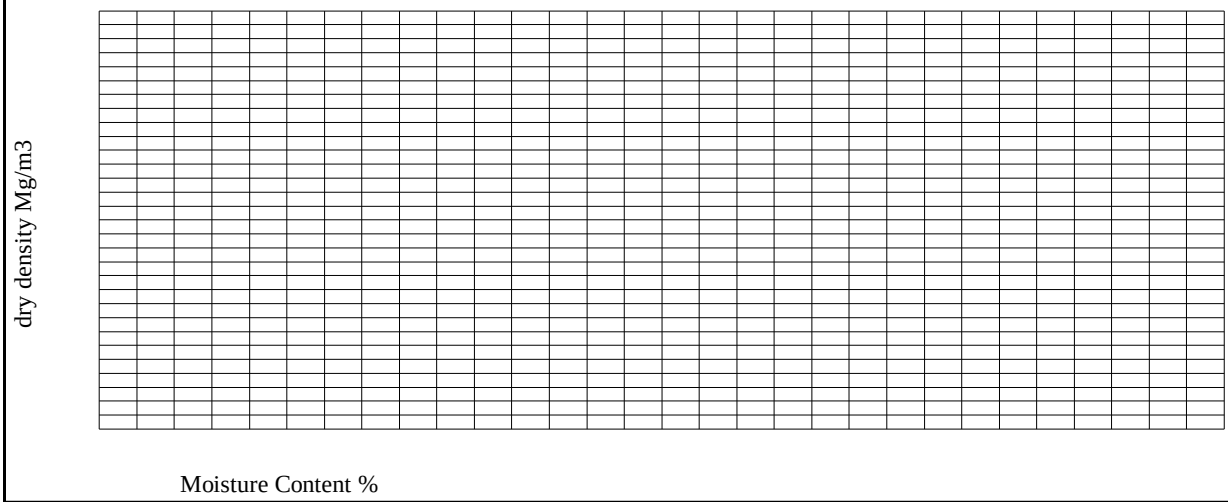
Location		Job ref.	
		Borehole/Pit no.	
Soil description		Sample No.	
		Depth	m
Test method BS1377: Part 4: 1990: 3.7		Date	

Procedure Single sample/separate batches*
_____layers each vibrated for_____seconds

Initial sample mass	g	Particle density				Mg/m3
Retained on 37.5mm sieve	g	%				
Test number	g					
Mass of mould+base+compacted specimen (m2)	g					
Mass mould+base+collar (m1)	g					
Mass compacted specimen (m2-m1)	g					
Height of specimen (h)	mm					
Bulk density P=(m2-m1)/(18.15h)	Mg/m3					
Moisture content container No.						
Moisture content (w)	%					
Dry density Pd=(100p)/(100+w)	Mg/m3					

*Delete as appropriate

Maximum dry density Mg/m3
Optimum moisture content %



	Operator	Checked	Approved

Form 4.A