

Static cone penetrometer test

Location	Job ref.	Date
Test method BS1377: Part 8: 1990	Ground Level (ordnance datum)	Test no.

3.1

Pore water pressure (u) in MPa (during penetration)

0 0.2 0.4 0.6

Cone resistance (qc) in MPa

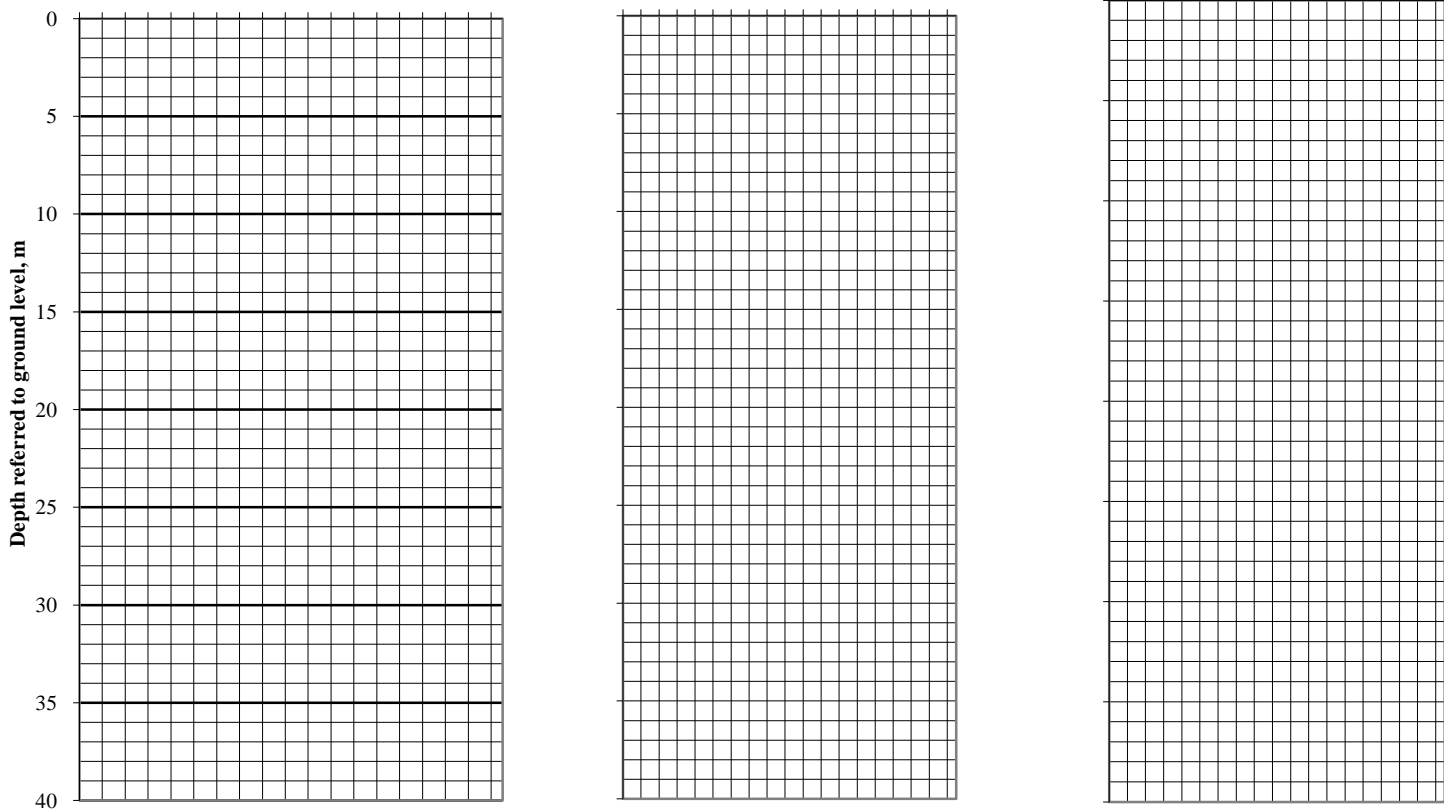
0 4 8 12 16 20 24 28 32

Local friction (fs) MPa

0 0.075 0.15 0.225 0.3 0.375 0.45 0.525

Friction Ratio %

0 1.5 3 4.5 6 7.5 9 10.5



Machine Type	Capacity	Cone no.	Capacity
Measurement system:Elect/Mech*		Sleeve no.	Capacity
Depth of water		Piesocone no.	Capacity
Hole backfilled Yes/No*		Type	Calib Ref
*Delete as appropriate		Filter position	Calib Ref

Checked	Approved