

Unconfined Compressive Strength of soil - load frame method

 Geotech Cutting-Edge Geotechnical	Unconfined Compressive Strength of soil - load frame method			Job Ref	A190707
				Borehole/Pit No.	Val-010
Site Name	Hornsey Gas Works			Mix Design	5% CEMI
Soil Description				Depth	0.00
Specimen Test Age	7 day	Specimen Depth	m	Sample Type	BLK
Specimen Description				KeyLAB ID	CEGL202009161
Test Method	BS EN 13286:Part 41:2003			Date of test	17/09/2020

Test Number
 Length
 Diameter
 Bulk Density
 Moisture Content
 Dry Density

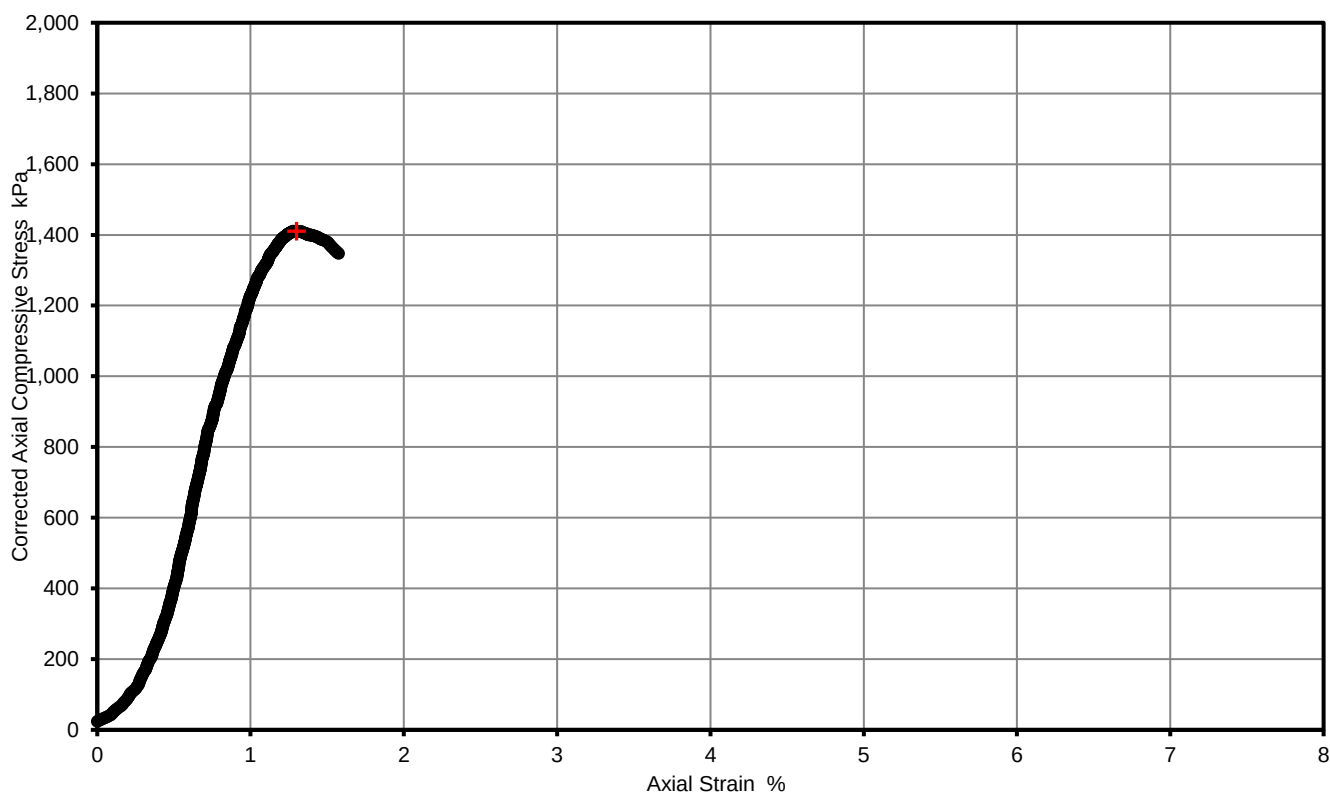
1	
91.0	mm
103.4	mm
1.99	Mg/m ³
	%
	Mg/m ³

Rate of Strain
 At failure

Axial Strain
 Unconfined Compressive Strength
 Mode of Failure

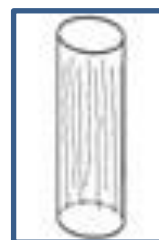
	%/min
1.3	%
1410	kPa
Brittle	

Axial Compressive Stress v Axial Strain



Remarks

Axial compressive stress corrected for area change, and membrane effects (if used)



CE Geotech Ltd
 CEG Laboratories
 Matlock Road, Kelstedge
 Derbyshire. S45 0DX

General remarks

Approved

Chris Salt

25/09/2020