

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-002
Site Name	Hornsey Gas Works			Mix Design	5% CEMI
Soil Description	Dark grey/brown silty sandy fill with aggregate & brick gravel sized particles			Depth	0.00
Specimen Test Age	14 days	Specimen Depth	m	Sample Type	BLK
Specimen Description	Dark grey/brown silty sandy fill with aggregate & brick gravel sized particles			KeyLAB ID	CEGL202008052
Test Method	BS EN 13286:Part 41:2003			Date of test	18/08/2020

Test Number
 Length
 Diameter
 Bulk Density
 Moisture Content
 Dry Density

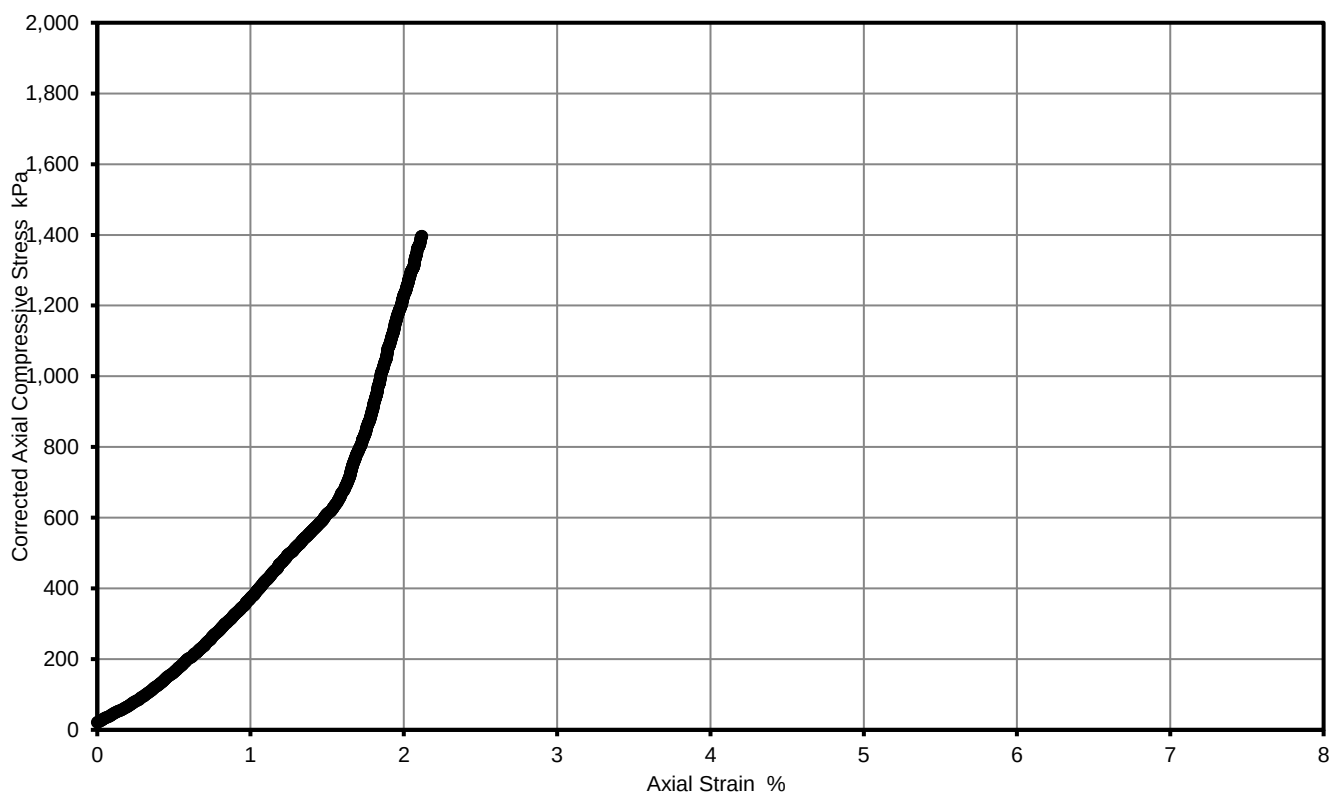
1	
103.7	mm
103.9	mm
2.04	Mg/m ³
	%
	Mg/m ³

Rate of Strain
 At failure

Axial Strain
 Unconfined Compressive Strength
 Mode of Failure

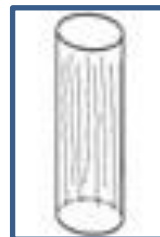
	%/min
	%
1396	kPa
Brittle	

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

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