

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	7 days	Specimen Depth	m	Sample Type	BLK
Specimen Description	Specimen Manufactured on Site			KeyLAB ID	CEGL202008052
Test Method	BS EN 13286:Part 41:2003			Date of test	11/08/2020

Test Number
 Length
 Diameter
 Bulk Density
 Moisture Content
 Dry Density

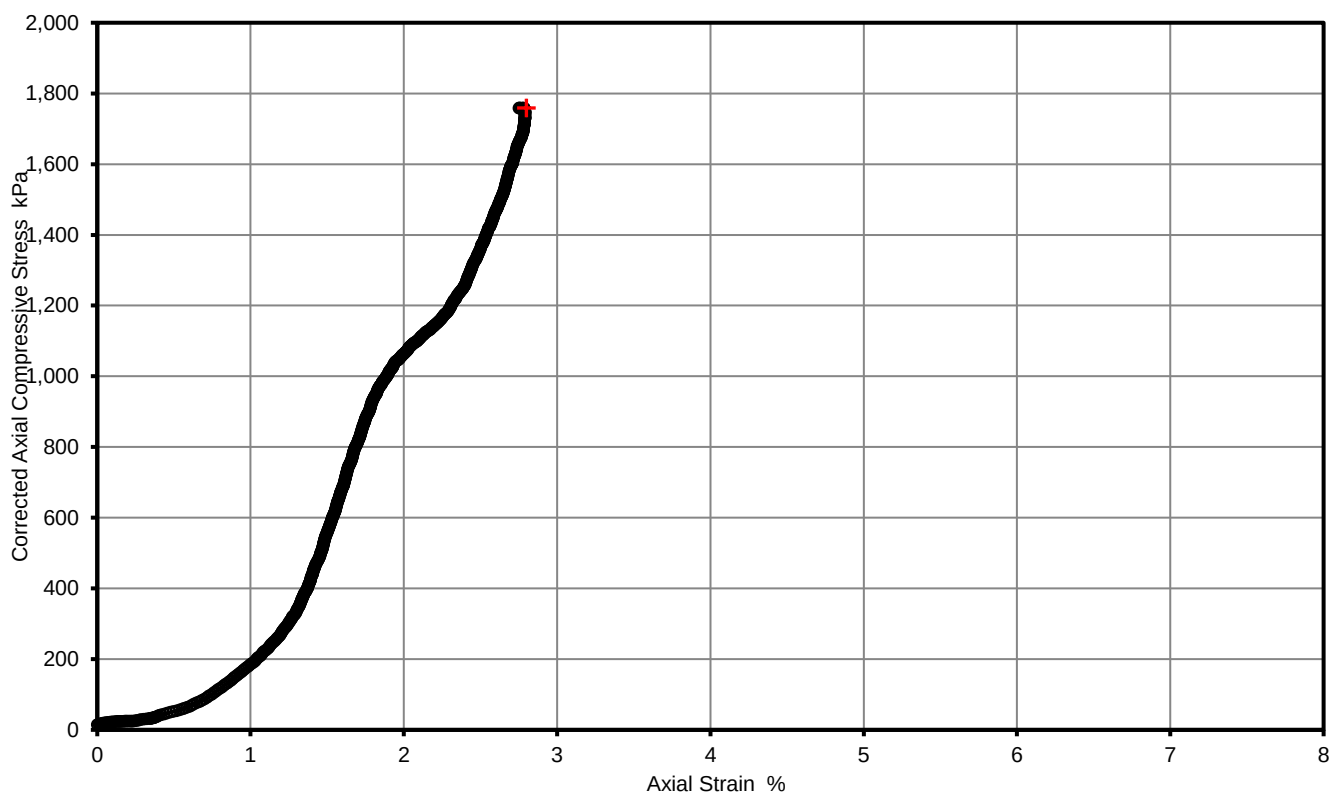
1	
102.3	mm
103.8	mm
2.02	Mg/m ³
15.0	%
1.76	Mg/m ³

Rate of Strain
 At failure

Axial Strain
 Unconfined Compressive Strength
 Mode of Failure

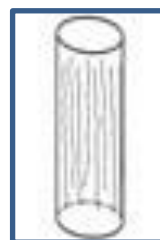
	%/min
2.8	%
1759	kPa
Brittle	

Axial Compressive Stress v Axial Strain



Remarks

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



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General remarks

Approved

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