

**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-009
Site Name	Hornsey Gas Works			Mix Design	5% CEMI
Soil Description				Depth	0.00
Specimen Test Age	14 day	Specimen Depth	m	Sample Type	BLK
Specimen Description				KeyLAB ID	CEGL202009160
Test Method	BS EN 13286:Part 41:2003			Date of test	24/09/2020

Test Number
Length
Diameter
Bulk Density
Moisture Content
Dry Density

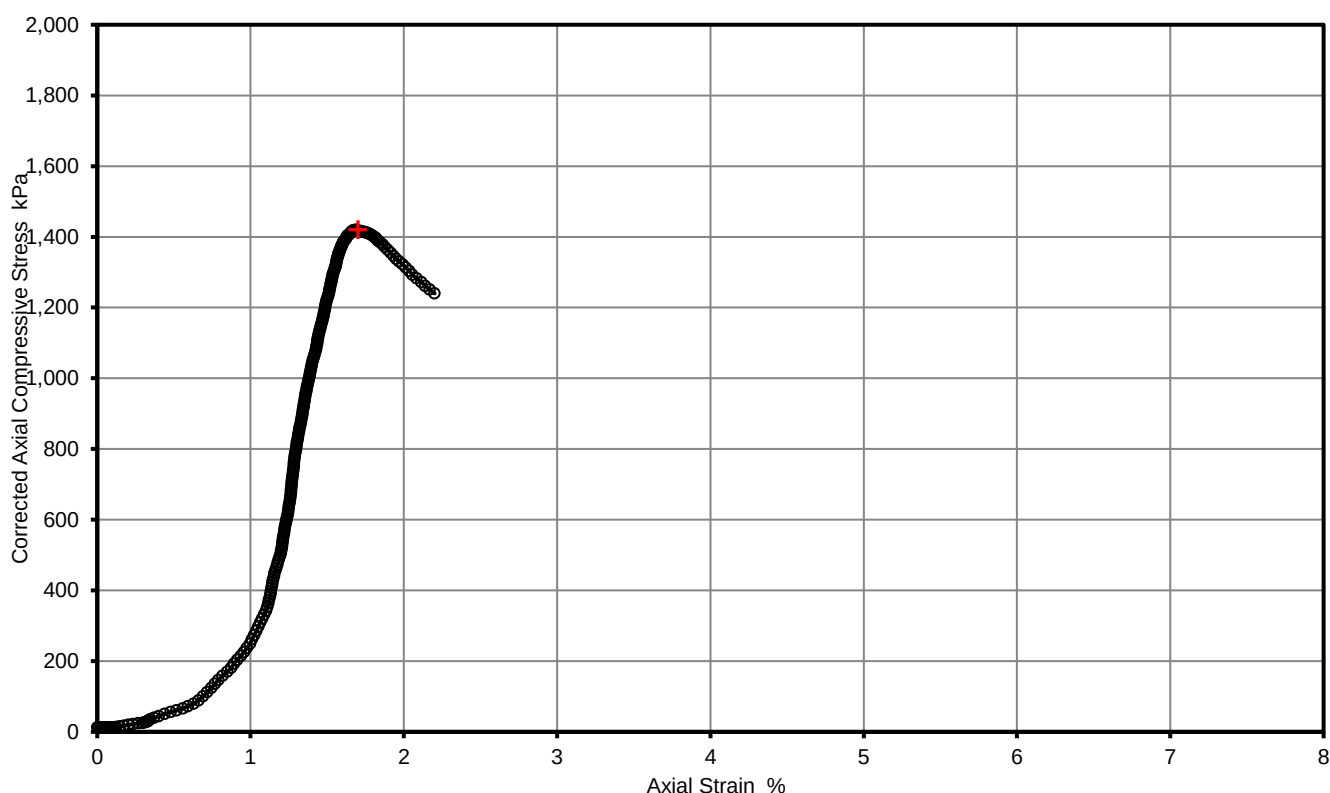
1	
100.2	mm
104.0	mm
1.90	Mg/m ³
	%
	Mg/m ³

Rate of Strain
At failure

Axial Strain
Unconfined Compressive Strength
Mode of Failure

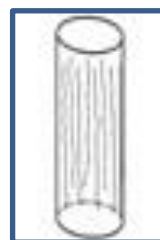
	%/min
1.7	%
1420	kPa
Brittle	

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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25/09/2020