

Unconfined Compressive Strength of Hydraulically Bound Mixtures

 Geotech Cutting-Edge Geotechnical	Unconfined Compressive Strength of Hydraulically Bound Mixtures			Job Ref	A190707
				Sediment Ref	Val-001
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	28 days	Specimen Depth	m	Sample Type	BLK
Specimen Description	Specimen manufactured on site			KeyLAB ID	CEGL202007010
Test Method	BS EN 13286:Part 41:2003			Date of test	24/07/2020

Test Number
Length
Diameter
Bulk Density
Moisture Content
Dry Density

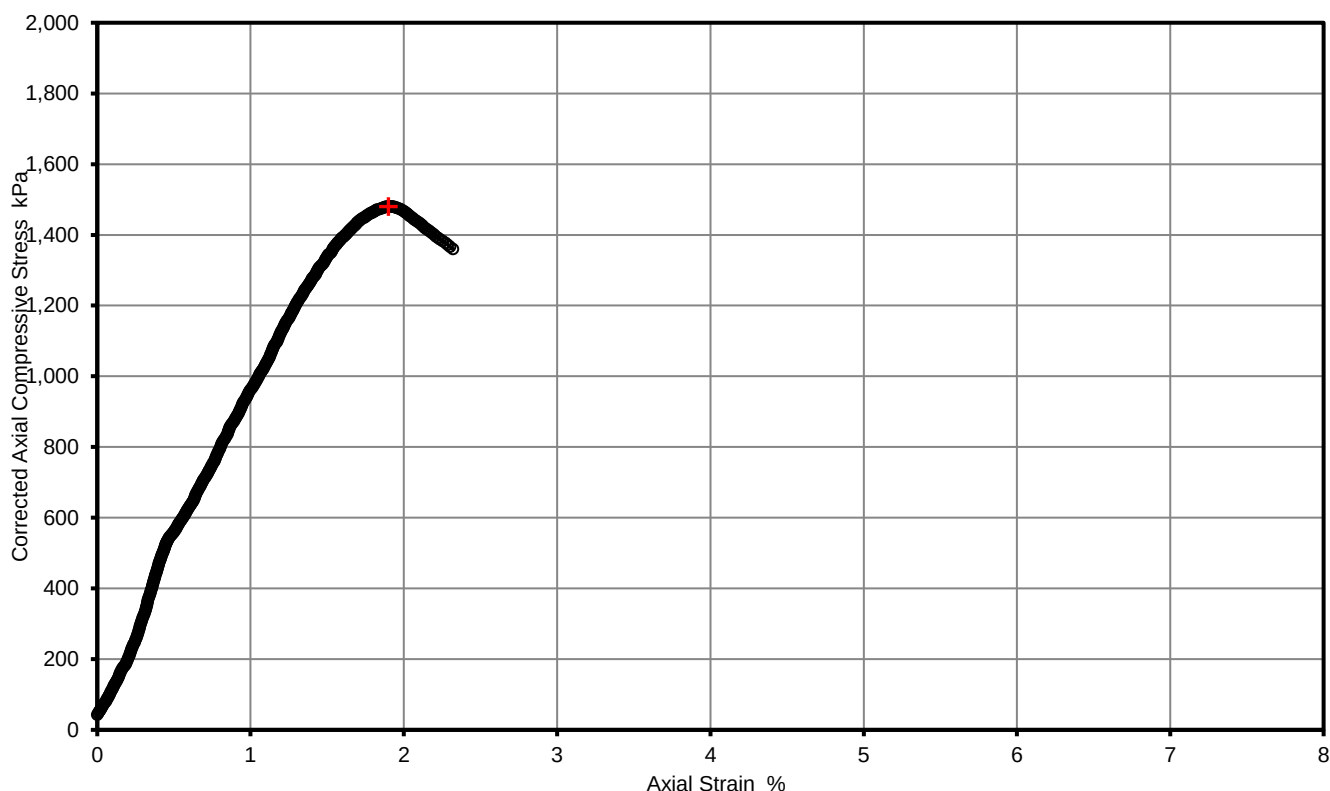
1	
98.0	mm
103.9	mm
1.92	Mg/m ³
20.0	%
1.60	Mg/m ³

Rate of Strain
At failure

Axial Strain
Unconfined Compressive Strength
Mode of Failure

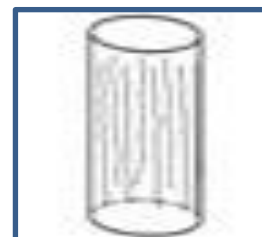
	%/min
1.9	%
1480	kPa
Brittle	

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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27/07/2020