

Unconfined Compressive Strength of Hydraulically Bound Mixtures

 Geotech Cutting-Edge Geotechnical	Unconfined Compressive Strength of Hydraulically Bound Mixtures			Job Ref	A190707
				Sediment Ref	Val-005
Site Name	Hornsey Gas Works			Mix Design	5% CEMI/10% GGBS
Soil Description	Dark grey/brown silty sandy fill with aggregate & brick gravel sized particles			Depth	0.00
Specimen Test Age	28 day	Specimen Depth	m	Sample Type	BLK
Specimen Description				KeyLAB ID	CEGL202009096
Test Method	BS EN 13286:Part 41:2003			Date of test	29/09/2020

Test Number
Length
Diameter
Bulk Density
Moisture Content
Dry Density

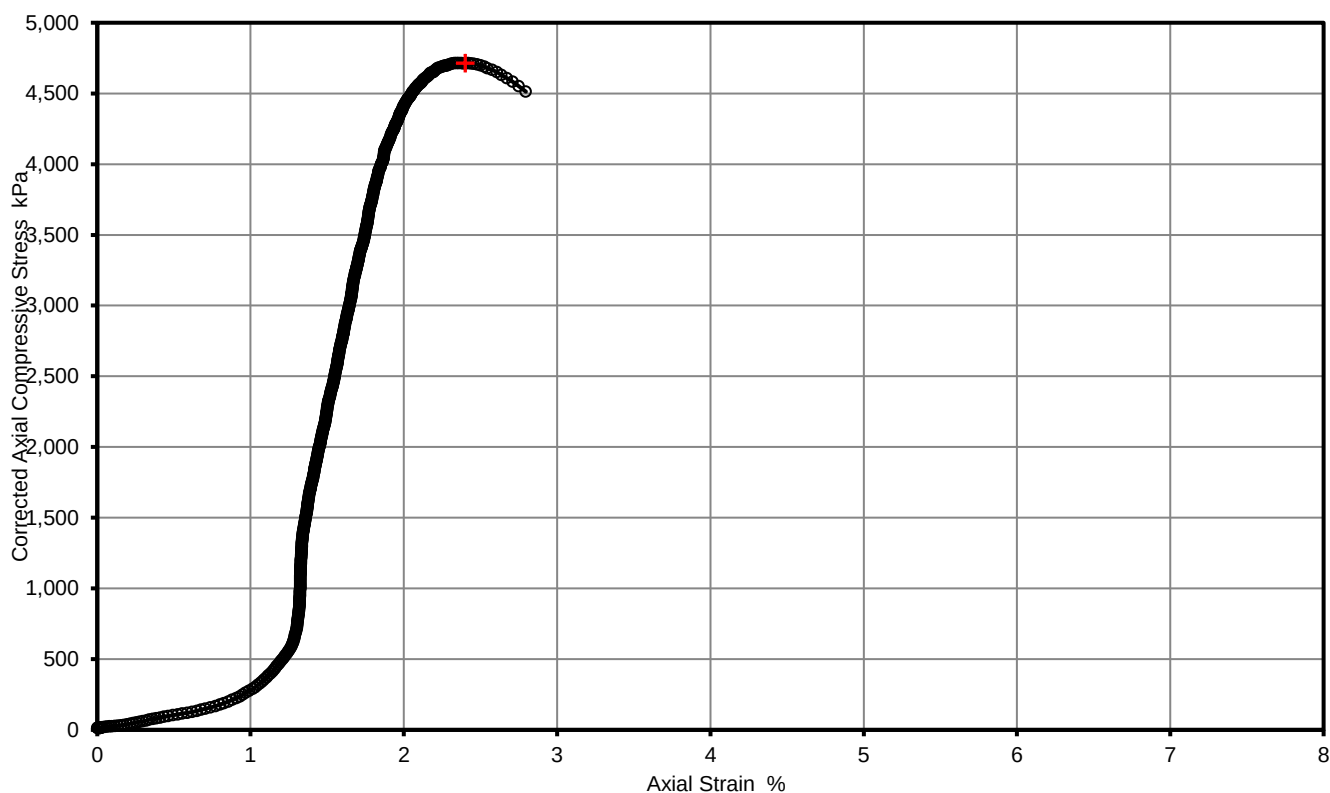
1	
98.5	mm
103.1	mm
1.93	Mg/m ³
	%
	Mg/m ³

Rate of Strain
At failure

Axial Strain
Unconfined Compressive Strength
Mode of Failure

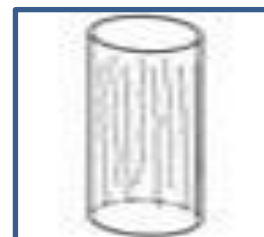
	%/min
2.4	%
4715	kPa
Brittle	

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

30/09/2020