

Unconfined Compressive Strength of soil - load frame method

Job Ref	A190707
Borehole/Pit No.	Val-005
Mix Design	5% CEMI/10% GGBS
Depth	0.00
Sample Type	BLK
KeyLAB ID	CEGL202009096
Date of test	08/09/2020

Site Name	Hornsey Gas Works		
Soil Description	Dark grey/brown silty sandy fill with aggregate & brick gravel sized particles		
Specimen Test Age	7 day	Specimen Depth	m
Specimen Description			
Test Method	BS EN 13286:Part 41:2003		

Test Number
 Length
 Diameter
 Bulk Density
 Moisture Content
 Dry Density

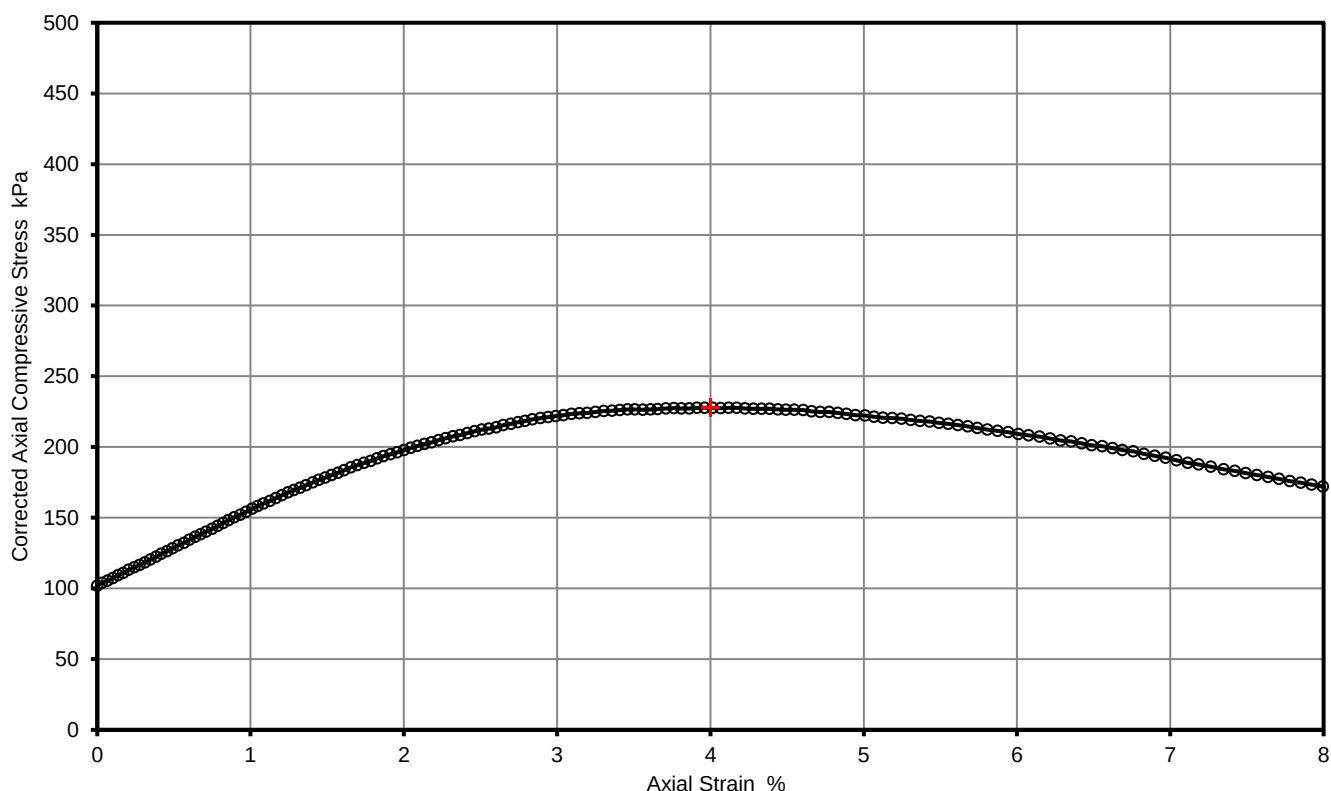
1	
104.3	mm
103.1	mm
1.78	Mg/m ³
	%
	Mg/m ³

Rate of Strain
 At failure

Axial Strain
 Unconfined Compressive Strength
 Mode of Failure

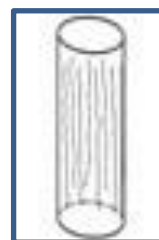
	%/min
4.0	%
228	kPa
Brittle	

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

09/09/2020