

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	15/09/2020

Site Name	Hornsey Gas Works		
Soil Description	Dark grey/brown silty sandy fill with aggregate & brick gravel sized particles		
Specimen Test Age	14 day	Specimen Depth	m
Specimen Description			
Test Method	BS EN 13286:Part 41:2003		

Test Number
 Length
 Diameter
 Bulk Density
 Moisture Content
 Dry Density

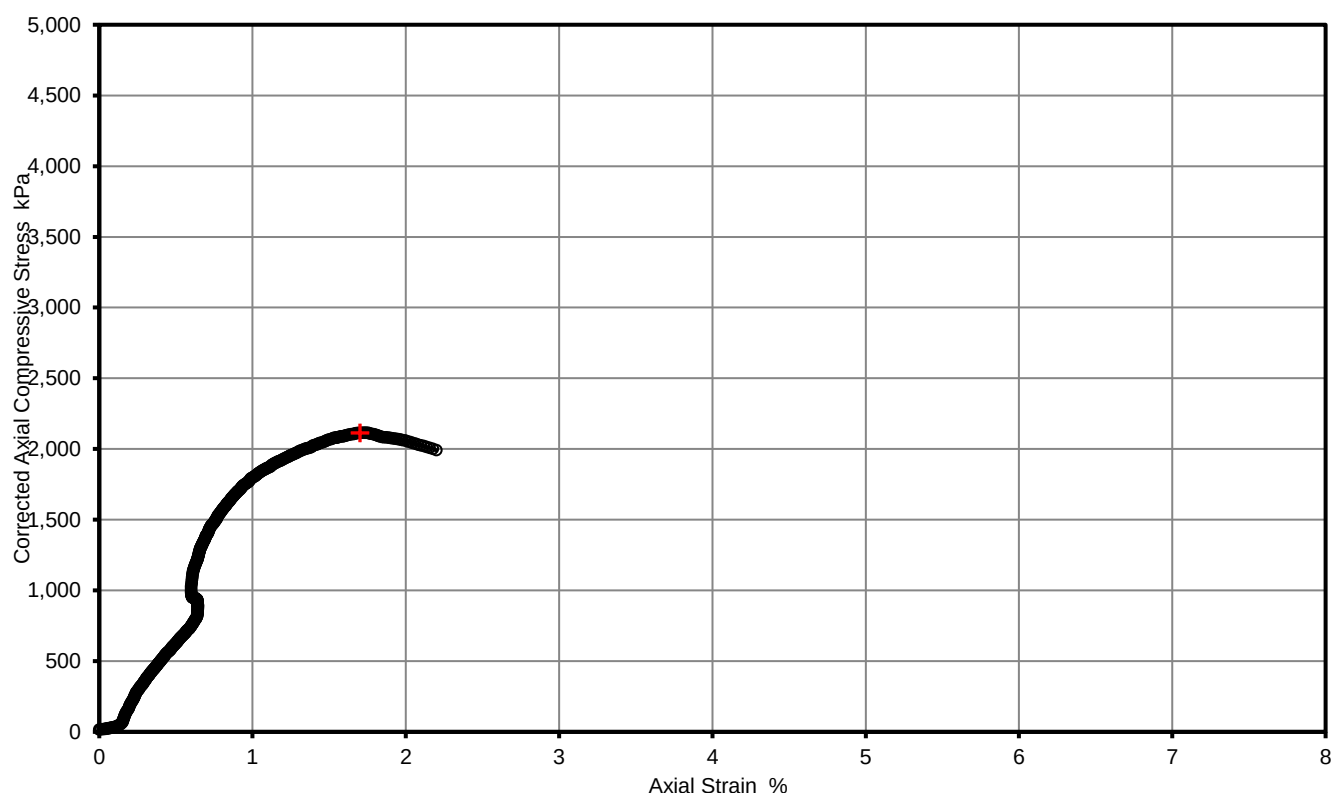
1	
105.0	mm
104.0	mm
1.78	Mg/m ³
	%
	Mg/m ³

Rate of Strain
 At failure

Axial Strain
 Unconfined Compressive Strength
 Mode of Failure

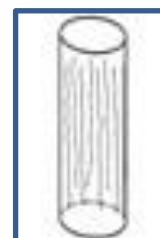
	%/min
1.7	%
2114	kPa
Brittle	

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

Chris Salt

25/09/2020