

Unconfined Compressive Strength of soil - load frame method

Job Ref	A190707
Borehole/Pit No.	Val-003
Mix Design	5% CEMI
Depth	0.00
Sample Type	BLK
KeyLAB ID	CEGL202008053
Date of test	14/08/2020

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

Test Number
Length
Diameter
Bulk Density
Moisture Content
Dry Density

1
101.7
104.1
1.82
28.0
1.42

mm
mm
Mg/m³
%
Mg/m³

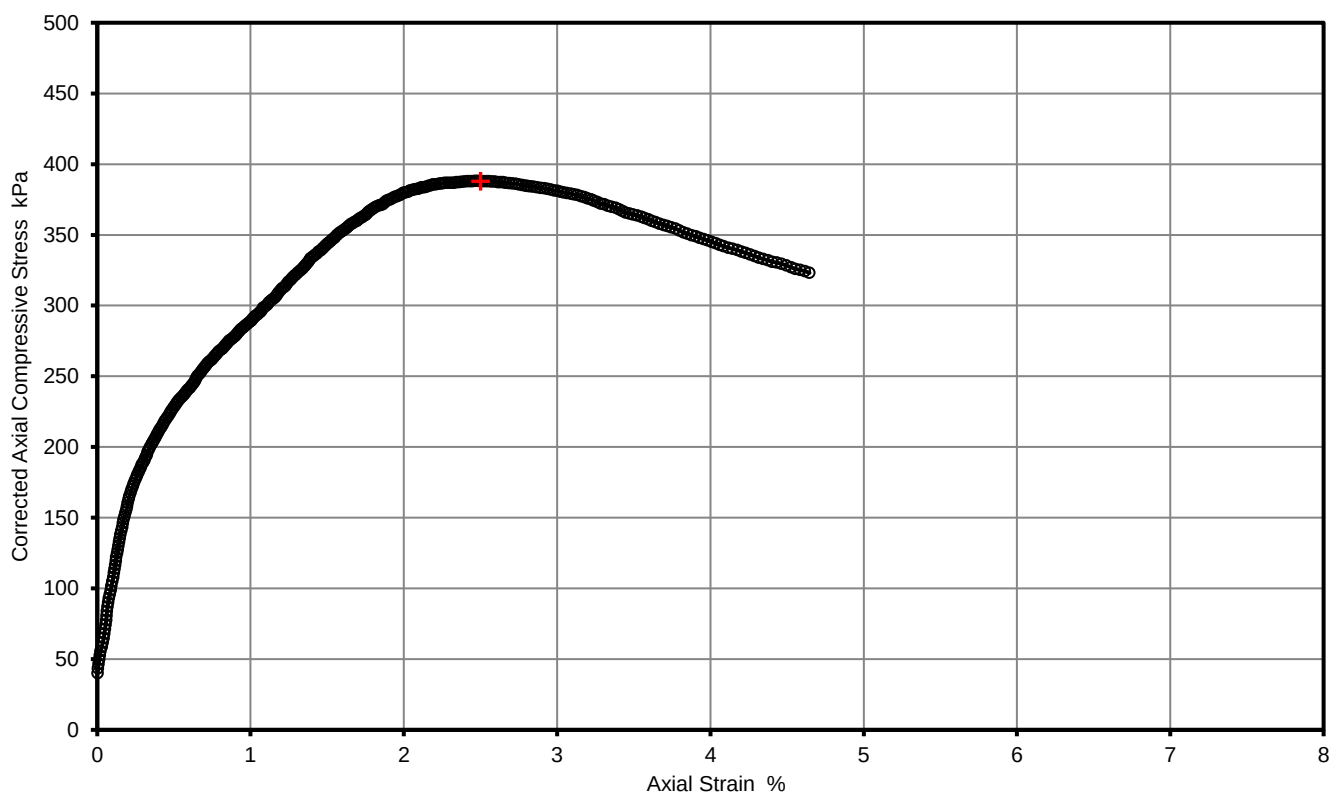
Rate of Strain
At failure

Axial Strain
Unconfined Compressive Strength
Mode of Failure

%/min
2.5
388
Brittle

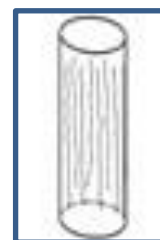
%
kPa

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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09/09/2020