

	Unconfined Compressive Strength of Hydraulically Bound Mixtures			Job Ref	A190707
				Sediment Ref	Val-010
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 day	Specimen Depth	m	Sample Type	BLK
Specimen Description				KeyLAB ID	CEGL202009161
Test Method	BS EN 13286:Part 41:2003			Date of test	08/10/2020

Test Number

Length

Diameter

Bulk Density

Moisture Content

Dry Density

Rate of Strain

At failure

Axial Strain

Unconfined Compressive Strength

Mode of Failure

1

104.0

mm

103.7

mm

2.10

Mg/m3

%

Mg/m3

%/min

3.6

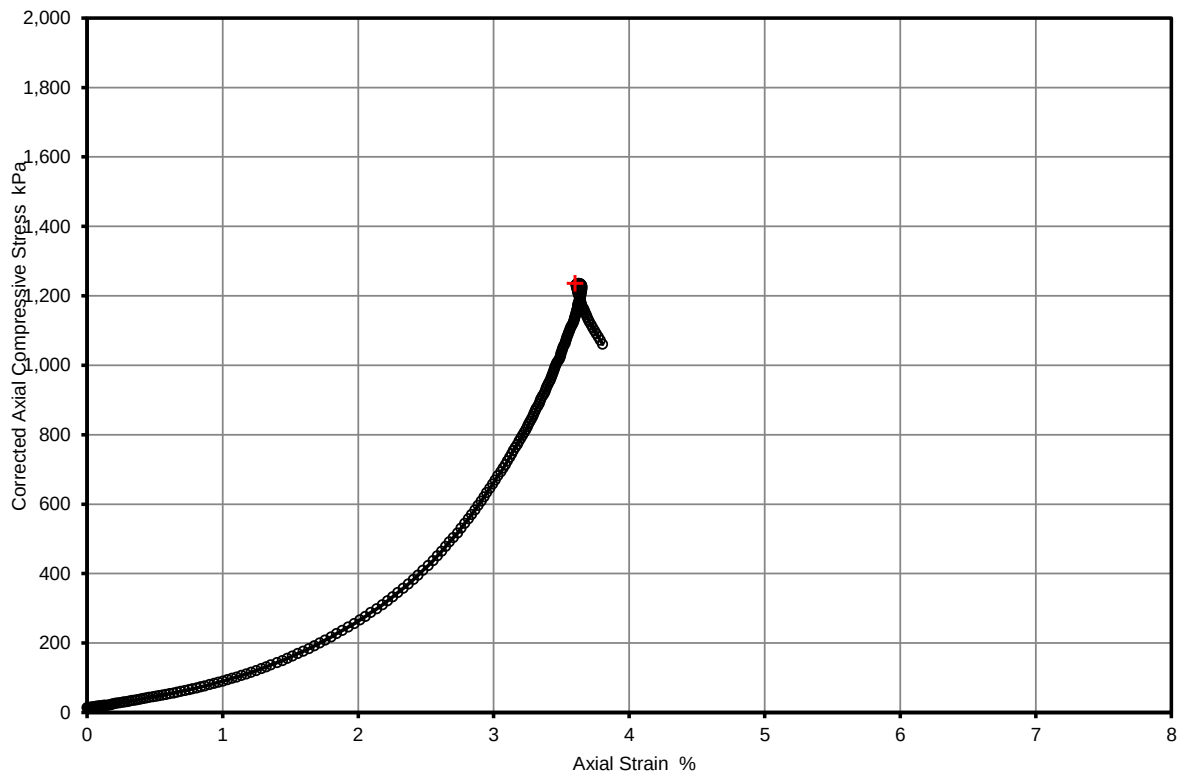
%

1236

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

09/10/2020