

	Unconfined Compressive Strength of Hydraulically Bound Mixtures			Job Ref	A190707
				Sediment Ref	Val-008
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	CEGL202009099
Test Method	BS EN 13286:Part 41:2003			Date of test	08/10/2020

Test Number

1

Length

91.9

mm

Diameter

104.4

mm

Bulk Density

2.19

Mg/m3

Moisture Content

%

Dry Density

Mg/m3

Rate of Strain

%/min

At failure

Axial Strain

2.0

%

Unconfined Compressive Strength

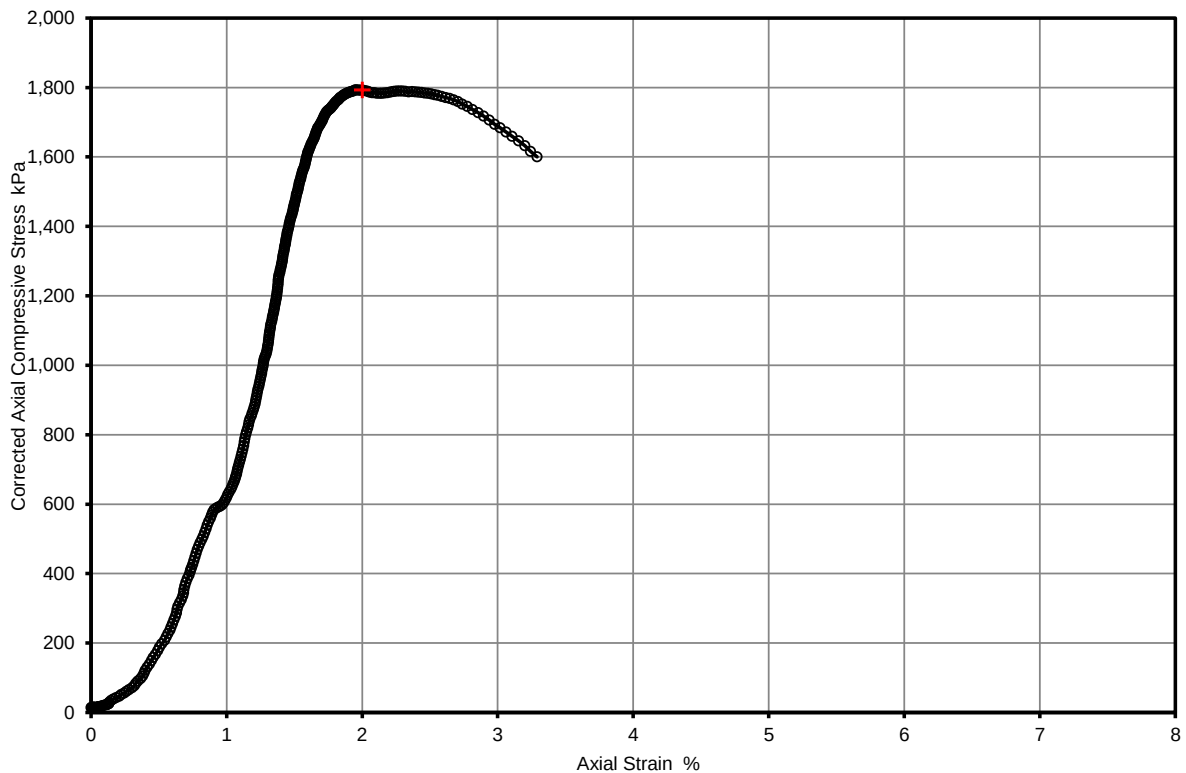
1793

kPa

Mode of Failure

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

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