Biax Experiment

For current calibrations – `gpfs/group/cjm38/default/Calibrations/`

Revised: 30 Nov. 2021

Exp. Name: p5555
Operator(s): clay
Temperature (°C):
Relative Humidity (%):

Date/Time: 2021-11-29
Hydraulics start: 1
Hydraulics end: 2
Data Logger/Control File:

Purpose/Description:
Sample Block Used and Thickness with **no** Sample:

Material:
Particle Size, Distribution:
Benchtop Sample Thickness (mm):
Pre-Compaction Sample Thickness (mm):
Post-Compaction Sample Thickness (mm):

	Block 1	Block 2
Empty Block Weight (g)		
Weight of Material Used (g)		
Sample Block Weight (g)		
Weight of Gouge (g)		

Load Cells: Contact Area: 0.001 m^2

Load cell name	**Calibrations (mV/kN)**	**Target stress (MPa)**	**Init. Voltage**	**Volt. @ load**
44mm Solid Horiz	100.123 (V/MPa): 0.1001	10	0	1.00123
44mm Solid Vert	100.123 (V/MPa): 0.1001	10	1	2.00123

Vessel Pressures:

Calibrations (V/MPa)	**Pressures (MPa)**	**Init. Voltage**	**Volt. @ load**
44mm Solid Horiz	*PpA:* test	0	1.00123
44mm Solid Vert	*PpB:* test	1	2.00123
0.1456	*Pc:* test	1	2.00123

Displacement Transducers

Name	***Gain (mm/V)***
Horiz. Load-point:	
Vert. Load-point	
Horiz. On-Board:	
Vert. On-Board:	

Horizontal Servo Settings	
P:	D_{atten}
I:	Feedback:
D:	E-gain:
Vertical Servo Settings	
P:	D_{atten}
I:	Feedback:
D:	E-gain:

Chilled water at HPS	*Chiller Unit*	*Proc. water @ Chiller*
1. Temp In (°F):	6. Panel Temp (°F):	10. Temp In (°F):
2. Pres. In (psi):	7. Panel Pres. (psi):	11. Pres. In (psi):
3. Temp Out (°F):	8. Near Pres. In (psi):	12. Temp Out (°F):
4. Pres. Out (psi):	9. Near Pres. Out (psi):	13. Pres. Out (psi):
5. Flow (lpm):		
Hyd. Power Supply (HPS)		
14. Tank Temp (°C):	15. Temp. Out (°C):	16. Pres. Out (psi):

Experiment Notes

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