

**BEMAC LABORATORIES**

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Client: HydroCon

Job Number: 10759

Project: HyrdoSTON Quartz

Section: HyrdoSTON 80 206 x 136 80 mm

Sample Location: Not applicable

Mix Details: Not Advised

Date Cast: Sept 2018

Date Cored: 15/03/2019

Sampling Method: Coring

Compaction Method: Not Advised

Date Received: 12/03/2019

Test Date: 29/03/2019

Age at Test Date (Days): -

Curing Period (days): -

Test Type: Water permeability of No Fine Concrete
(Falling head laboratory permeameter)

Test Method: RTA Test Method T377

Permeameter Diameter (mm): 103.5

Specimen	Specimen			Head		Time (Sec)	Hydraulic Gradient <i>i</i>	Permeability (m/s)
	Diameter <i>D_m</i> (mm)	Height <i>h_m</i> (mm)	Density (<i>kgm⁻³</i>)	Initial (mm)	Residual (mm)			
1	101.0	82.8	1940	900	100	76.4	7.04	0.002
2	101.5	83.0	1920	900	100	73.3	7.02	0.002
3	101.4	81.2	2040	900	100	80.4	7.16	0.001

Note: Diameters noted above are the average of 3 measurements


David Mahaffey
Approved Signatory