

PERMEABILITY OF A SOIL

Client:	Construction Sciences Port Hedland Lab	Report Number:	5022/R/70731-1
Client Address:	2/45 Steel Loop, Port Hedland	Project Number:	5022/P/2367
Project:	King Caravans Pty Ltd - Landing Resort Ponds	Lot Number:	Back Pond
Location:	Port Hedland	Internal Test Request:	5022/T/21178
Supplied To:	Fergal	Client Reference/s:	
Area Description:		Report Date / Page:	20/03/2024 Page 1 of 1

Test Procedures:	AS1289.6.7.1		
Sample Number	5022/S/113619	Sample Location	
Sampling Method	AS1289.1.2.1 CI 6.4a	Location	Back Pond
Date Sampled	17/01/2024	Depth	m
Sampled By	[REDACTED]		
Date Tested	13/03/2024		
Material Source	-	Material Type	-

Soil Description:	Brown Red SAND		
Retained on 9.5 mm Sieve (%)	0.0	Compaction Method:	Standard AS1289.5.1.1

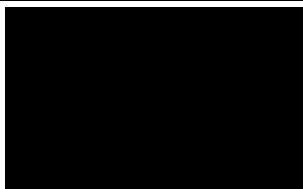
Maximum Dry Density (t/m ³)	1.73	Optimum Moisture Content (%)	13.4
Dry Density of Sample (t/m ³)	1.73	Moisture at Compaction (%)	13.1
Achieved Dry Density Ratio (%)	100.3	Achieved Moisture Ratio (%)	97.8

Surcharge Mass (kg)	2.317	Surcharge Pressure (kPa)	2.8
Moisture % After Permeability (%)	15.7	Hydraulic Gradient	1.4

**Coefficient of
Permeability**
(Constant Head)

5E-006 m/s
(5E-004 cm/s)

Remarks

Accredited for compliance with ISO/IEC 17025 – Testing		
		
Accreditation Number:	1986	Approved Signat
Corporate Site Number:	5022	
		Form ID: W49Rep Rev2