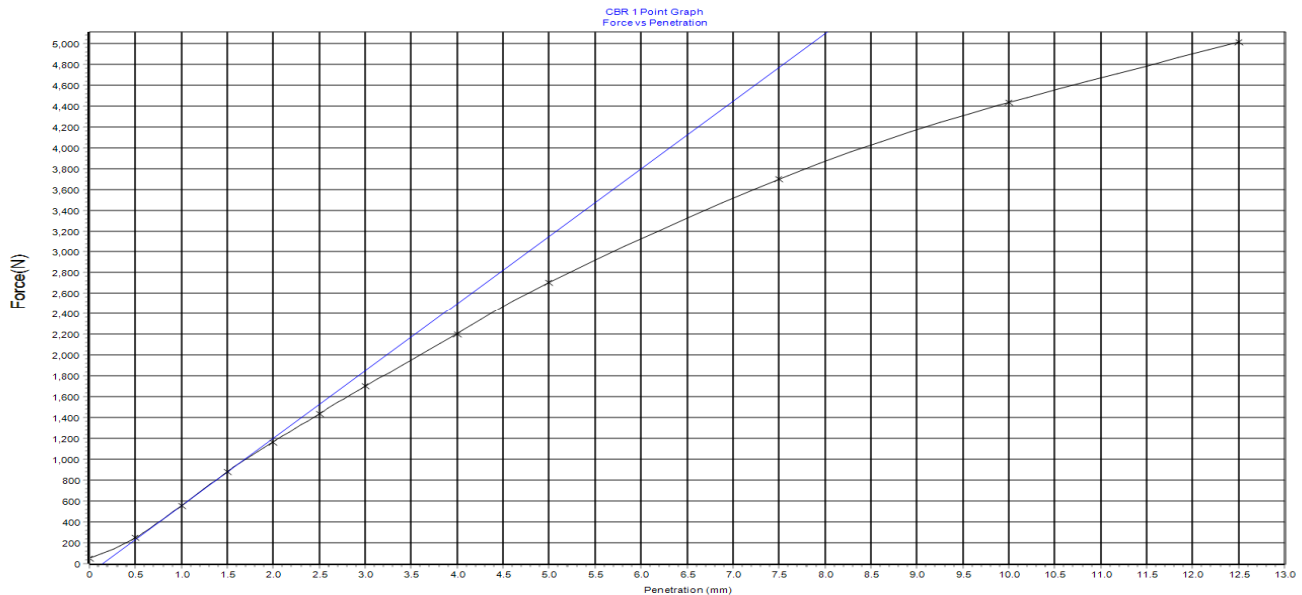




California Bearing Ratio Report (1 Point)

Client:	Geo Design Pty Ltd	Report Number:	1-000-112-294 - 7
Client address:	14 Danbullan Street Smithfield QLD 4878	Report Date:	17/06/2024
Job Number:	1-000-112-294	Order Number:	
Project:	HMAS Cairns Civil Package		
Location:	Piling Platform 24037AA-D, Cairns		Page 1 of 1
Lab No:	24/190	Sample Location:	HMAS Cairns Civil Package
Date Sampled:	7/06/2024		CBR3
Date Tested:	13/06/2024		0.1m - 0.5m
Sampled By:	Dave Hall		In situ Subgrade
Sample Method:	AS1289.1.2.1	Test Method:	AS1289.6.1.1
Material Source:	Insitu	Lot Number:	CBR3
For Use As:	Subgrade	Item Number:	-
Remarks:	-		



Maximum Dry Density - MDD (t/m ³) :	2.031	Dry Density after Soak (t/m ³) :	
Optimum Moisture Content - OMC (%) :	10.1	Moisture Content after Soak (%) :	
Compactive Effort :	Standard	Density Ratio after Soak (%) :	
Nominated % Maximum Dry Density Compaction :	98	Field Moisture Content (%) :	11.6
Nominated % Optimum Moisture Content Compaction :	100	Moisture Content (Top) after Penetration (%) :	11.9
Achieved Dry Density before Soak (t/m ³) :	1.989	Moisture Content (Total) after Penetration (%) :	11.1
Achieved Percentage of Maximum Dry Density (%) :	98	CBR 2.5mm (%) :	11
Achieved Moisture Content (%) :	10.1	CBR 5.0mm (%) :	14
Achieved Percentage of Optimum Moisture Content (%) :	100	Minimum Specified CBR Value (%) :	
Test Condition (Soaked/Unsoaked) / Soaking Period (Days) :	Soaked / 4 days	CBR Value (%) :	14.0
Swell (%) / Surcharge (kg):	0.2 / 4.5 kg		

Soil Description :



Accredited for compliance with ISO/IEC 17025-Testing.

Approved Signatory

Paul Patane

NATA Accred No:9523

Form Number

REP ACBR_1_3-8