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Unconfined Compressive Strength Report

Client :	CONSOLID (COD)	Report Number:	BNS227 - 4/1
Address :	PO Box 595, Cleveland, QLD, 4163	Report Date :	14/12/2016
Project Name :	SOIL STABILISATION	Order Number :	-
Project Number :	BNS227	Test Method :	Q115 (1978)
Location:	Laboratory Testing , Banyo	Page 1 of 1	

Sample Number :	BN11544	BN11546		
Test Number :	1	2		
Sampling Method :	AS1289.1.2.1 - Clause 6.2	AS1289.1.2.1 - Clause 6.2		
Date Sampled :	30/11/2016	30/11/2016		
Date Tested :	7/12/2016	7/12/2016		
Material Type :	Type 2.5 Roadbase	Type 2.5 Roadbase		
Material Source :	Hanson - Ferny Grove Quarry	Hanson - Ferny Grove Quarry		
Lot Number :	-	-		
Sample Location :	Comparative Testing No Additive Type 2.5 Roadbase	Comparative Testing CONSOILD 2% Type 2.5 Roadbase		
Sample Type :	Laboratory	Laboratory		
Curing Details :	Temperature Controlled Room	Temperture Controlled Room		
Details of Replacement :				
Elapsed Time :	7 Days	7 Days		
Additive Type :	No Additive	CONSOLID		
Compactive Effort :	Standard	Standard		
Additive Content (%) :	0	2		
Oversize (%) :	-	-		
Moisture Content 1 2 3 (%) :	7.7 7.7 7.7	7.3 7.3 7.3		
Dry Density 1 2 3 (t/m³) :	2.234 2.224 2.227	2.191 2.18 2.165		
Moisture Ratio 1 (%) :	98.9	90.7		
Moisture Ratio 2 (%) :	98.9	90.7		
Moisture Ratio 3 (%) :	98.9	90.7		
Relative Compaction 1 (%) :	100.8	101		
Relative Compaction 2 (%) :	100.3	100.6		
Relative Compaction 3 (%) :	100.5	99.8		
Target Moisture Content (%) :	7.8	8.0		
Target Dry Density (t/m³) :	2.217	2.168		
UCS Cylinder 1 2 3 (MPa) :	0.2 0.2 0.2	1.8 1.8 1.8		
UCS (MPa) :	0.2	1.8		
Remarks :	-			



Accredited for compliance with ISO/IEC 17025.

APPROVED SIGNATORY

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NATA Accreditation Number
19460

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