

TEST REPORT

Client:	DC Civils & Construction P.O. Box 89192 Heuweloord Centurion 0173	Client Reference:	TerraLoc
Attention:	Will Dundas	Order Number:	
E-mail:	will@dccivils.co.za	Date Received:	2020/07/17
Project:	TerraLoc	Date Tested:	2020/07/09 & 2020/07/10
Job:		Date Reported:	2020/07/21
		Report Status:	Final

SANS 3001 - NG5: Determination of in situ density using a nuclear density gauge

Site Information		
Operator:	Mpho Ramokhanye	Date of Compaction: N/A
Layer:		Material Description: Reddish Brown
Depth:		Number of Counts: 3

Field Reference			Moisture Density Relationship			Field Density Data		
Test Number	Position	Testing Depth (mm)	Lab. Sample Ref.	Maximum Dry Density (kg/m ³)	Optimum Moisture Content (%)	Dry Density (kg/m ³)	Moisture Content (%)	Compaction (%)
1	CH 40 LHS	0-150	155	2271	6,8	2370	4,1	104,4
2	CH 120 LHS	0-150	155	2271	6,8	2416	2,7	106,4
3	CH 200 LHS	0-150	155	2271	6,8	2272	2,6	100,1
4	CH 280 LHS	0-150	155	2271	6,8	2347	4,7	103,4
5	CH 360 LHS	0-150	155	2271	6,8	2379	3,4	104,8
6	CH 420 RHS	0-150	155	2271	6,8	2355	3,3	103,7
7	CH 460 RHS	0-150	155	2271	6,8	2381	5,3	104,8
8	CH 540 RHS	0-150	155	2271	6,8	2485	3,5	109,4

Remarks: The tests were in accordance with Method SANS 3001 NG5

Actual moisture content readings were reported as displayed by the machine.

Standard Count Data: Density = 1665 Moisture = 689 Machine No: 18850

Sketch:

The tests were executed according to test method SANS 3001 NG5.

The results reported relate only to the positions and depths tested.

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