

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
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 (%)
9	CH 793 RHS	0-150	155	2271	6,8	2389	2,8	105,2
10	CH 713 RHS	0-150	155	2271	6,8	2425	3,2	106,8
11	CH 633 RHS	0-150	155	2271	6,8	2326	2,4	102,4
12	CH 553 RHS	0-150	155	2271	6,8	2342	2,4	103,1
13	CH 473 RHS	0-150	155	2271	6,8	2356	2,0	103,7
14	CH 393 RHS	0-150	155	2271	6,8	2361	2,2	104,0
15	CH 313 RHS	0-150	155	2271	6,8	2346	2,6	103,3
16	CH 233 RHS	0-150	155	2271	6,8	2342	2,7	103,1

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 = 1636 Moisture = 659 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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