

## REPORT OF COMPACTION CONTROL (HILF RAPID METHOD)

Job No.: 7336/23/1094

AS 1289 2.1.1, 5.7.1, 5.8.1 RC 316.00		Using Humboldt:	8639	Date field tested :	27/11/23
Compaction Report Ref. No. 7336/23/1094		K Value : 0		Time : 13:30:00	
Project: Estuary II estate Stage 3					
Client : Drapers Civil Contracting Pty Ltd PO Box 287 Belmont VIC 3216					
Material: Clay ex Site		Compactive effort:		Standard	
Sand used: no		Standard count: DS: 2727		MS: 338	
Layer depth of 300 mm		Test depth of 275 mm		for 60 secs	
Test Lot Bounds NA		to NA		Client Ref:	
Site No.	1	2	3		
Location	Lot 1911 E277990 N5769071	Lot 1913 E277991 N5769045	Lot 1912 E277996 N5769048		
wet density (t/m <sup>3</sup> )	2.08	1.95	1.91		
field mc%	18.6	20.1	20.9		
dry density (t/m <sup>3</sup> )	1.75	1.62	1.58		
pcwd (t/m <sup>3</sup> )	2.04	1.92	1.91		
omc (%)	19.0	23.0	24.0		
Oversize material retained on sieve... (mm)	19.0	19.0	19.0		
% wet oversize	0	0	0		
% dry oversize	0	0	0		
adjusted pcwd	2.04	1.92	1.91		
adjusted omc	18.8	22.6	23.5		
moisture variation (+ wet / - dry of omc)	0.0	-2.5	-2.5		
moisture ratio (%)	98.9	88.9	88.9		
<b>density ratio (%)</b>	<b>102.0</b>	<b>101.5</b>	<b>100.5</b>		

Tested over period : 27/11/2023 to 30/11/2023

mean moisture ratio	92.3
mean density ratio	101.3

### Sampling Method Used :

AS1289.1.2.1 Clause 6.4 – from layers in pavement or earthworks

Notes:



NATA Accredited Testing Facility : Accreditation Number : No 10664  
Accredited for compliance with ISO/IEC 17025 - Testing

Approved Signatory:

R. Bennett

Date:

30/11/2023

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