

## REPORT OF COMPACTION CONTROL (HILF RAPID METHOD)

Job No.: 7336/23/1098

AS 1289 2.1.1, 5.7.1, 5.8.1 RC 316.00		Using Humboldt:	8639	Date field tested :	28/11/23
Compaction Report Ref. No. 7336/23/1098		K Value : 0		Time : 12:00:00	
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 1910 E277995 N5769092	Lot 1912 E277992 N5769065	Lot 1913 E277988 N5769042		
wet density (t/m <sup>3</sup> )	1.89	1.95	2.02		
field mc%	19.4	16.6	19.2		
dry density (t/m <sup>3</sup> )	1.58	1.68	1.69		
pcwd (t/m <sup>3</sup> )	1.95	2.03	1.98		
omc (%)	22.0	19.0	21.0		
Oversize material retained on sieve... (mm)	19.0	19.0	19.0		
% wet oversize	0	0	0		
% dry oversize	0	0	0		
adjusted pcwd	1.95	2.03	1.98		
adjusted omc	21.7	18.6	21.0		
moisture variation (+ wet / - dry of omc)	-2.5	-2.0	-2.0		
moisture ratio (%)	89.4	89.2	91.4		
<b>density ratio (%)</b>	<b>96.5</b>	<b>96.0</b>	<b>102.0</b>		

Tested over period : 28/11/2023 to 04/12/2023

mean moisture ratio	90.0
mean density ratio	98.2

### 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:

4/12/2023

Page 1 of 1