

## REPORT OF COMPACTION CONTROL (HILF RAPID METHOD)

Job No.: 7336/23/1077

AS 1289 2.1.1, 5.7.1, 5.8.1 RC 316.00		Using Humboldt:	1762	Date field tested :	22/11/23
Compaction Report Ref. No. 7336/23/1077		K Value : 0		Time : 9:15:00	
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: 1966.7	MS:	386.1
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 1932 Layer 2 E278035 N5768897	Lot 1931 Layer 2 E278034 N5768915	Lot 1929 Layer 2 E278040 N5768938		
wet density (t/m <sup>3</sup> )	1.90	1.93	1.92		
field mc%	22.9	21.2	20.3		
dry density (t/m <sup>3</sup> )	1.54	1.59	1.60		
pcwd (t/m <sup>3</sup> )	1.92	1.86	1.89		
omc (%)	24.0	24.0	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	1.92	1.86	1.89		
adjusted omc	24.3	23.8	23.6		
moisture variation (+ wet / - dry of omc)	-1.5	-2.5	-3.5		
moisture ratio (%)	94.2	89.1	86.0		
<b>density ratio (%)</b>	<b>99.0</b>	<b>104.0</b>	<b>102.0</b>		

Tested over period : 22/11/2023 to 26/11/2023

mean moisture ratio	89.8
mean density ratio	101.7

### 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:

26/11/2023

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