

REPORT OF COMPACTION CONTROL (HILF RAPID METHOD)

Job No.: 7336/23/1086

AS 1289 2.1.1, 5.7.1, 5.8.1 RC 316.00		Using Humboldt:	8639	Date field tested :	24/11/23
Compaction Report Ref. No. 7336/23/1086		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: 2765	MS:	333
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 1909 Layer 1 E277999 N5769106	Lot 1910 E278005 N5769091	Lot 1911 E277992 N5769073		
wet density (t/m ³)	2.01	1.96	1.99		
field mc%	16.2	17.6	16.1		
dry density (t/m ³)	1.73	1.67	1.71		
pcwd (t/m ³)	2.11	2.00	1.99		
omc (%)	16.0	18.0	18.0		
Oversize material retained on sieve...(mm)	19.0	19.0	19.0		
% wet oversize	0	0	0		
% dry oversize	0	0	0		
adjusted pcwd	2.11	2.00	1.99		
adjusted omc	16.4	18.5	18.2		
moisture variation (+ wet / - dry of omc)	0.0	-1.0	-2.0		
moisture ratio (%)	98.8	95.1	88.5		
density ratio (%)	95.5	98.0	100.0		

Tested over period : 24/11/2023 to 28/11/2023

mean moisture ratio	94.1
mean density ratio	97.8

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:

J. Brunacci

Date:

28/11/2023

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