

REPORT OF COMPACTION CONTROL (HILF RAPID METHOD)

Job No.: 7336/23/1067

AS 1289 2.1.1, 5.7.1, 5.8.1 RC 316.00		Using Humboldt:	7819	Date field tested :	20/11/23
Compaction Report Ref. No. 7336/23/1067		K Value : 0		Time : 15:00:00	
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: 2719		MS: 388	
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 1930 E278044 N5768926	Lot 1929 E278043 N5768936	Lot 1928 E278048 N5768947		
wet density (t/m ³)	1.93	1.87	1.85		
field mc%	24.6	20.6	20.0		
dry density (t/m ³)	1.55	1.55	1.54		
pcwd (t/m ³)	1.95	1.97	1.93		
omc (%)	25.0	22.0	22.0		
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	1.97	1.93		
adjusted omc	24.8	22.3	22.3		
moisture variation (+ wet / - dry of omc)	0.0	-1.5	-2.5		
moisture ratio (%)	99.2	92.4	89.7		
density ratio (%)	99.0	95.0	96.0		

Tested over period : 20/11/2023 to 22/11/2023

mean moisture ratio	93.8
mean density ratio	96.7

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:

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J.Brunacci

Date:

22/11/2023

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