

REPORT OF COMPACTION CONTROL (HILF RAPID METHOD)

Job No.: 7336/23/1108

AS 1289 2.1.1, 5.7.1, 5.8.1 RC 316.00		Using Humboldt:	8639	Date field tested :	1/12/23
Compaction Report Ref. No. 7336/23/1108		K Value : 0		Time : 11:10:00	
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: 2746	MS:	336
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 1937 E277976 N5768955	Lot 1934 E277966 N5768920	Lot 1910 E277996 N5769090		
wet density (t/m ³)	1.87	2.15	1.96		
field mc%	19.5	15.0	26.2		
dry density (t/m ³)	1.57	1.87	1.56		
pcwd (t/m ³)	1.97	2.09	1.91		
omc (%)	20.0	15.0	27.0		
Oversize material retained on sieve... (mm)	19.0	19.0	19.0		
% wet oversize	0	0	0		
% dry oversize	0	0	0		
adjusted pcwd	1.97	2.09	1.91		
adjusted omc	19.8	15.1	27.0		
moisture variation (+ wet / - dry of omc)	-0.5	0.0	-1.0		
moisture ratio (%)	98.5	99.3	97.0		
density ratio (%)	95.0	103.0	103.0		

Tested over period : 01/12/2023 to 07/12/2023

mean moisture ratio	98.3
mean density ratio	100.3

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:

de

J.Brunacci

Date:

7/12/2023

Page 1 of 1