

- 8 Rose Avenue, Croydon 3136								
Client WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)   Project REDSTONE ESTATE - STAGE 5B   Location SUNBURY								
CONSTRUCTION LAYE	R	Laye	er thickness	150	mm	Time	: 09:52	
ure AS 1289.2.1.1 & 5.8	.1							
		1	2	3	4	-	-	
		Spinebill	Feather	Origin	Pedro			
		Street	Avenue	Drive	Road	_		
					U Kerb			
depth below FSL								
t depth	тт	125	125	125	125	-	-	
sity	t∕m³	2.02	1.98	2.01	2.11	-	-	
e content	%	17.7	18.1	16.8	22.0	-	-	
ure AS 1289.5.7.1		1	2	3	Л			
offort		I	۷.				-	
	mm	19.0	19.0		1	-	-	
						-	-	
ted Wet Density	t/m³	2.02	1.98	2.00	2.09	-	-	
	t∕m³	-	-	-	-	-	-	
k Converted Wet Density	VIII			17.0	23.0	-	-	
k Converted Wet Density isture Content	%	18.0	18.5	17.0				
		18.0	18.5	17.0	1			
isture Content						-	-	
isture Content ture Variation From		0.5%	0.5%	0.0%	1.0%	-	-	
isture Content	%	0.5% dry	0.5% dry	0.0%	1.0% dry	- full depth of th	- ne layer	
	WINSLOW CONSTRUC REDSTONE ESTATE - S SUNBURY CONSTRUCTION LAYE ure AS 1289.2.1.1 & 5.8 depth below FSL t depth sity e content ure AS 1289.5.7.1 effort < retained on sieve rersize material	e, Croydon 3136 WINSLOW CONSTRUCTORS I REDSTONE ESTATE - STAGE SUNBURY CONSTRUCTION LAYER ure AS 1289.2.1.1 & 5.8.1 depth below FSL t depth mm isity t/m <sup>3</sup> e content % ure AS 1289.5.7.1 effort c retained on sieve mm ersize material wet	e, Croydon 3136 WINSLOW CONSTRUCTORS PTY LTD (CA REDSTONE ESTATE - STAGE 5B SUNBURY CONSTRUCTION LAYER Laye ure AS 1289.2.1.1 & 5.8.1 1 Spinebill Street 140 1.7 east of kerb depth below FSL t depth mm 125 sity t/m <sup>3</sup> 2.02 e content % 17.7 ure AS 1289.5.7.1 1 effort 1 c retained on sieve mm 19.0 ersize material wet 0	e, Croydon 3136 WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIE REDSTONE ESTATE - STAGE 5B SUNBURY CONSTRUCTION LAYER Layer thickness ure AS 1289.2.1.1 & 5.8.1 URE AS 1289.2.1.1 & 5.8.1 Spinebill Feather Street Avenue 140 150 1.7 1.9 east west of kerb of kerb depth below FSL t depth mm 125 125 sity t/m³ 2.02 1.98 e content % 17.7 18.1 URE AS 1289.5.7.1 ARE AS 1280.5.7.1 ARE AS	e, Croydon 3136   WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD) REDSTONE ESTATE - STAGE 5B SUNBURY   CONSTRUCTION LAYER   Layer thickness 150   CONSTRUCTION LAYER   Layer thickness 150   Ure AS 1289.2.1.1 & 5.8.1   CONSTRUCTION LAYER   Layer thickness 150   Ure AS 1289.2.1.1 & 5.8.1   Spinebill   Setter Avenue   Drive 140 150 220   1.7 1.9 2.1 east of kerb of kerb   depth below FSL   4 4 0 6 kerb of kerb of kerb   depth below FSL     1 2 3 1 6.8 8 2.01 9 2.01 9 2.01 9 0 1 1 6 3 3 3 3 3 3 3 1 6.8 3 3 3 3 3 3 3 3 3 3 3 3	Image: Croydon 3136     WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD) REDSTONE ESTATE - STAGE 5B SUNBURY     CONSTRUCTION LAYER   Layer thickness   150 mm     Ure AS 1289.2.1.1 & 5.8.1   Image: Comparison of the state o	Image: Croydon 3136   Date Issued     WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD) REDSTONE ESTATE - STAGE 5B   Tested by Date tested SUNBURY     CONSTRUCTION LAYER   Layer thickness   150 mm   Time     CONSTRUCTION LAYER   Layer thickness   150 mm   Time     Ure AS 1289.2.1.1 & 5.8.1   Feather   Origin Drive   Pedro Road     Spinebill   Feather Avenue   Origin Drive   Pedro Road     140   150   220   30     1.7   1.9   2.1   1.8     east west east north of kerb     of kerb   Image: Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan= 2"     ure AS 1289.5.7.1     Image: Colspan="2">Colspan= 2"     Image: Colspan= 2"     Image: Colspan= 2"     Image: Colspan= 2"     Colspan= 2"     Image: Colspan= 2"     Colspan= 2"     Colspan= 2"     Colspan= 2"     Colspan= 2"     Colspan= 2" <t< td=""></t<>	



AVRLOT HILF V1.10 MAR 13

Approved Signatory : Justin Fry



CIVIL GEOTE	CHNICAL SERVICES	Job No Report No	23920 23920/R002
6 - 8 Rose Aveni	ue, Croydon 3136	Date Issued	04/12/2023
Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	Tested by	BS
Project	REDSTONE ESTATE - STAGE 5B	Date tested	29/11/23
Location	SUNBURY	Checked by	JHF

Feature CAF

CAPPING

Layer thickness 150 / 200 mm

*Time:* 10:45

Test procedure AS 1289.2.1.1 & 5.8.1

Test No		5	6	7	8	-	-
Location		Spinebill	Feather	Pedro	Origin		
		Street	Road	Road	Drive		
		140	150	30	220		
		1.7	1.9	2.0	2.1		
		east	west	north	east		
		of kerb	of kerb	of kerb	of kerb		
Approximate depth below FSL							
Measurement depth	тт	175	125	175	175	-	-
Field wet density	t∕m³	1.88	1.89	1.90	1.99	-	-
Field moisture content	%	30.6	30.0	29.9	30.8	-	-

#### Test procedure AS 1289.5.7.1

Test No		5	6	7	8	-	-
Compactive effort Standard							
Oversize rock retained on sieve	mm	19.0	19.0	19.0	19.0	-	-
Percent of oversize material	wet	0	0	0	0	-	-
Peak Converted Wet Density	t∕m³	1.88	1.88	1.89	2.00	-	-
Adjusted Peak Converted Wet Density	t∕m³	-	-	-	-	-	-
Optimum Moisture Content	%	31.5	30.5	30.5	31.5	-	-

Moisture Variation From	1.0%	0.5%	0.5%	0.5%	-	-
Optimum Moisture Content	dry	dry	dry	dry		
density and moisture ratio results relate of	only to the so	il to the deptl	h of test and	not to the ful	I depth of the	layer
Density Ratio (R <sub>HD</sub> ) %	100.0	100.5	100.5	100.0	-	-

Material description

No 5 - 8 Mudstone



NATA Accredited Laboratory No 9909 Accredited for compliance with ISO/IEC 17025 - Testing

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/IL GEOTECHNICAL SERVICES 8 Rose Avenue, Croydon, Vic 3136					Job No Report No Date Issued	23920 23920/R003 14/12/2023
Client WINSLOW CONSTRUCTORS Project REDSTONE ESTATE - STAGE Location SUNBURY	Tested by Date tested Checked by	BS 14/12/23 JHF				
					Checked by	0111
Feature CLASS 3	Layer thickn	ess	160	mm	Time:	10:16:54
AS 12892.1.1 & 5.8.1						
Test No	9					
Location	Origin Drive					
Chainage Offset	220 1.7 east					
Approximate depth from F.S.L. m	of kerb					
Measurement depth mm	125					
Field wet density t/m <sup>3</sup>	2.40					
Field dry density t/m <sup>3</sup>	2.29					
Field moisture content %	5.0					
		<i></i>			14.0	•
Laboratory Compaction AS 1289.5.2.1 & 5.4. Date of assignment	2 Assigned \	alues (See l		/2023	VV)	
Date of assignment Material source and location		20mm C			lands Junction	
Compactive effort		2011111 0		IFIED		
Maximum Dry Density t/m <sup>3</sup>			2.2			
Optimum Moisture Content %						
·			5.	-		
Test procedure AS 1289.5.4.1		[				1
Oversize rock retained on sieve mm	19.0					
Percent of oversize material wet	-					
Percent of oversize material dry	-					
Adjusted Maximum Dry Density t/m <sup>3</sup>	-					
Adjusted Optimum Moisture Content %	-					
Moisture Variation From	0.5%					
Optimum Moisture Content	dry					
	ury				I	1
Moisture Ratio (R <sub>m</sub> ) %	88.5					
density and moisture ratio results relate		oil to the dep	th of test and	l not to	the full depth of a	the layer
Density Ratio (R <sub>D</sub> ) %	101.0					



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202					Job No	23920			
VIL GEOTECHNICAL SERVICES	Report No	23920 23920/R00							
8 Rose Avenue, Croydon, Vic 3136					Date Issued	14/12/2023			
Client WINSLOW CONST	RUCTORS	PTY LTD (C	AMPBELLFI	ELD)	Tested by	BS			
Project REDSTONE ESTAT		``		/	Date tested	14/12/23			
Location SUNBURY		02			Checked by	JHF			
					•				
Feature CLASS 3		<i>Layer thickness</i> 100 mm		n <i>Time:</i>	10:18:43				
AS 12892.1.1 & 5.8.1									
Test No		10	11	12					
Location		Pedro	Feather	Spinebill					
		Road	Road	Street					
	Chainage	30	150	140					
	Offset	1.7	1.9	1.8					
		north	west	east					
		of kerb	of kerb	of kerb					
Approximate depth from F.S.L.	т								
Measurement depth	mm	75	75	75					
Field wet density t/m <sup>3</sup>		2.39	2.38	2.36					
Field dry density t/m <sup>3</sup>		2.28	2.28	2.26					
Field moisture content	%	5.0	4.5	4.5					
Laboratory Compaction AS 1289.	5218.51	2 Assianad V	alues (See	Report No 2024	(O, IAW)				
Date of assignment	J.Z. T & J. <del>T</del> .	z Assigned		13/09/20					
Material source and location		20mm Class 3 - Holcim, Oaklands Junction							
Compactive effort		MODIFIED							
Maximum Dry Density	t∕m³			2.27					
Optimum Moisture Content	%			5.5					
Test procedure AS 1289.5.4.1									
Oversize rock retained on sieve	mm	19.0	19.0	19.0					
Percent of oversize material	wet	-	-	-					
Percent of oversize material	dry	-	-	-					
Adjusted Maximum Dry Density	t/m³	-	-	-					
Adjusted Optimum Moisture Conte	ent %	-	-	-					
		0.5%	1.00/	1.00/					
		11 6 1/2	1.0%	1.0%					
Moisture Variation From						1			
Moisture Variation From Optimum Moisture Conte		dry	dry	dry					
			dry 80.0	dry 79.0					
Optimum Moisture Conte	ent %	dry 88.5	80.0	79.0	ot to the full depth of	the layer			



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