

CIVIL GEOTECHNICAL SERVICES ABN 26 474 013 724

PO Box 678 Croydon Vic 3136 Telephone: 9723 0744 Facsimile: 9723 0799

1st February 2021

Our Reference: 20604:NB878

Winslow Constructors Pty Ltd 50 Barry Road CAMPBELLFIELD VIC 3061

Dear Sirs/Madams,

RE: LEVEL 1 EARTHWORKS INSPECTION AND TESTING CORNERSTONE – STAGE 16 (WYNDHAM VALE)

Please find attached our Report No's 20604/R001 to 20604/R008 which relate to the field density testing that was conducted within the filled allotments at the above subdivision. The level 1 inspections and associated field density testing was performed in November 2020.

The inspections and testing of the earthworks was undertaken in general accordance with the Level 1 requirements of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments.

The site inspection and testing was performed by experienced geotechnicians from this office. Any areas that were deemed unsatisfactory were reworked and retested under their supervision. The testing was performed to the relevant Australian Standards and the accompanying test reports carry NATA endorsement. The attached compaction results, which were located randomly throughout the fill profile, are considered to be representative of the bulk fill materials that were placed across the reported allotments by Winslow Constructors during the aforementioned period. The approximate locations of the field density tests can be seen on the attached plan (Figure 1).

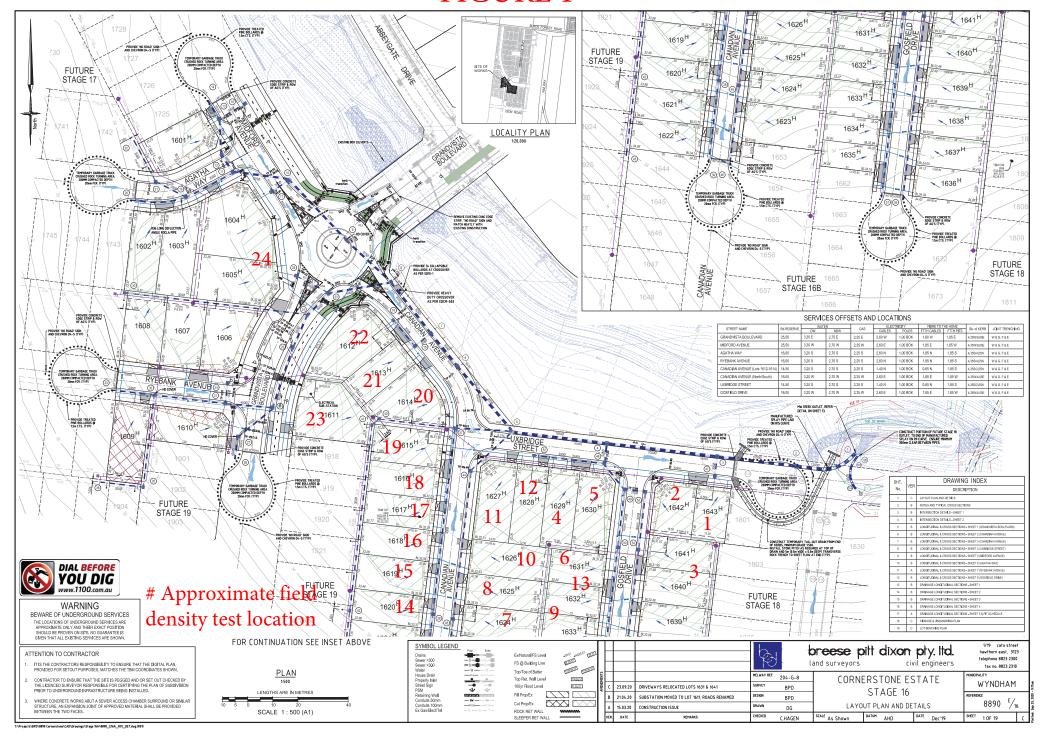
We are of the view that the bulk fill materials that have been placed across the reported allotments by Winslow Constructors during the aforementioned period can be considered as having been placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

Please contact the undersigned if you require any additional information.

Civil Geotechnical Services

Nick Brock

FIGURE 1





Job No 20604 **CIVIL GEOTECHNICAL SERVICES** Report No 20604/R001 Date Issued 23/11/2020 6 - 8 Rose Avenue, Croydon 3136 WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD) Client Tested by AM Project **CORNERSTONE - STAGE 16** Date tested 07/11/20 Location WYNDHAM VALE Checked by JHF

Feature EARTHWORKS Layer thickness 200 mm Time: 08:32

REFER TO TO TO FIGURE 1 FIGURE 1	Test No		1	2	3	-	-	-
Field wet density t/m³ 2.02 2.01 1.96 - - Field moisture content % 20.3 30.1 17.4 - - Test procedure AS 1289.5.7.1 Test No 1 2 3 - - Compactive effort Standard Oversize rock retained on sieve mm 19.0 19.0 - - Percent of oversize material wet 0 0 0 - - Peak Converted Wet Density t/m³ 2.07 2.04 2.04 - - Adjusted Peak Converted Wet Density t/m³ - - - - Optimum Moisture Content % 23.0 27.5 20.0 - -	Location		TO	ТО	ТО			
Field wet density t/m³ 2.02 2.01 1.96 - - Field moisture content % 20.3 30.1 17.4 - - Test procedure AS 1289.5.7.1 Test No 1 2 3 - - Compactive effort Standard Oversize rock retained on sieve mm 19.0 19.0 - - Percent of oversize material wet 0 0 0 - - Peak Converted Wet Density t/m³ 2.07 2.04 2.04 - - Adjusted Peak Converted Wet Density t/m³ - - - - Optimum Moisture Content % 23.0 27.5 20.0 - -	Approximate depth below FSL							
Field moisture content % 20.3 30.1 17.4 - - Test procedure AS 1289.5.7.1 Test No 1 2 3 - - - Compactive effort Standard Oversize rock retained on sieve mm 19.0 19.0 - - - Percent of oversize material wet 0 0 0 - - - Peak Converted Wet Density t/m³ 2.07 2.04 2.04 - - - Adjusted Peak Converted Wet Density t/m³ - - - - - - Optimum Moisture Content % 23.0 27.5 20.0 - - -	Measurement depth	mm	175	175	175	-	-	-
Test procedure AS 1289.5.7.1 Test No		t/m³	2.02	2.01	1.96			-
Test No	Field moisture content	%	20.3	30.1	17.4	-	_	_
Oversize rock retained on sieve mm 19.0 19.0 19.0 -	Tiola moletaro conten	70	20.0	0011				
Percent of oversize material wet 0 0 0 - - Peak Converted Wet Density t/m³ 2.07 2.04 2.04 - - Adjusted Peak Converted Wet Density t/m³ - - - - - Optimum Moisture Content % 23.0 27.5 20.0 - -	Test procedure AS 1289.5.7.1 Test No	70			3		-	-
Peak Converted Wet Density t/m³ 2.07 2.04 2.04 Adjusted Peak Converted Wet Density t/m³	Test procedure AS 1289.5.7.1 Test No Compactive effort	70	1	2	3 Stan		-	<u> </u>
Adjusted Peak Converted Wet Density t/m³ Optimum Moisture Content % 23.0 27.5 20.0	Test procedure AS 1289.5.7.1 Test No Compactive effort Oversize rock retained on sieve		19.0	2	3 Stan 19.0	dard	1	-
Optimum Moisture Content % 23.0 27.5 20.0	Test procedure AS 1289.5.7.1 Test No Compactive effort Oversize rock retained on sieve Percent of oversize material	mm wet	1 19.0 0	2 19.0 0	3 Stand 19.0	dard -	1	<u> </u>
	Test procedure AS 1289.5.7.1 Test No Compactive effort Oversize rock retained on sieve Percent of oversize material Peak Converted Wet Density	mm wet t/m³	1 19.0 0	2 19.0 0	3 Stand 19.0	dard - -	1	<u> </u>
Moisture Variation From 2.5% 2.5%	Test procedure AS 1289.5.7.1 Test No Compactive effort Oversize rock retained on sieve Percent of oversize material Peak Converted Wet Density Adjusted Peak Converted Wet Density	mm wet t/m³	1 19.0 0 2.07	2 19.0 0 2.04	3 Stan 19.0 0 2.04	dard - -	- - -	<u> </u>
Moisture Variation From 2.5% 2.5%	Test procedure AS 1289.5.7.1 Test No Compactive effort Oversize rock retained on sieve Percent of oversize material Peak Converted Wet Density	mm wet t/m³	1 19.0 0 2.07	2 19.0 0 2.04	3 Stan 19.0 0 2.04	dard - - - -	- - -	<u> </u>
	Test procedure AS 1289.5.7.1 Test No Compactive effort Oversize rock retained on sieve Percent of oversize material Peak Converted Wet Density Adjusted Peak Converted Wet Density Optimum Moisture Content	mm wet t/m³	1 19.0 0 2.07 - 23.0	2 19.0 0 2.04 - 27.5	3 Stand 19.0 0 2.04 - 20.0	dard - - - -	- - -	- - -
Optimum Moisture Content dry wet dry	Test procedure AS 1289.5.7.1 Test No Compactive effort Oversize rock retained on sieve Percent of oversize material Peak Converted Wet Density Adjusted Peak Converted Wet Density Optimum Moisture Content Moisture Variation From	mm wet t/m³	1 19.0 0 2.07 - 23.0	2 19.0 0 2.04 - 27.5	3 Stand 19.0 0 2.04 - 20.0	dard	- - -	

Material description

No 1 - 3 Clay Fill



. Julia J

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Job No 20604 CIVIL GEOTECHNICAL SERVICES Report No 20604/R002 Date Issued 26/11/2020 6 - 8 Rose Avenue, Croydon 3136 WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD) Client Tested by AM Project **CORNERSTONE - STAGE 16** Date tested 09/11/20 Location WYNDHAM VALE Checked by JHF

Feature EARTHWORKS Layer thickness 200 mm Time: 12:53

Test No		4	5	6	-	-	-
Location		REFER TO FIGURE 1	REFER TO FIGURE 1	REFER TO FIGURE 1			
Approximate depth below FSL							
Measurement depth	mm	175	175	175	-	-	-
Field wet density	t/m³	1.87	1.81	1.85	-	1	-
Field moisture content	%	19.6	22.2	16.9	-	-	-
Test procedure AS 1289.5.7.1 Test No		4	5	6	-	-	-
Compactive effort				Stan	dard		
Oversize rock retained on sieve	mm	19.0	19.0	19.0	-	-	-
	wet	0	0 1.82	0	-	-	-
Percent of oversize material		4 00		1.91	-	-	-
Percent of oversize material Peak Converted Wet Density	t/m³	1.89					
Percent of oversize material Peak Converted Wet Density Adjusted Peak Converted Wet Density	t/m³ t/m³	-	-	- 10.5	-	-	-
Percent of oversize material Peak Converted Wet Density Adjusted Peak Converted Wet Density	t/m³			- 19.5	-	-	-
Percent of oversize material Peak Converted Wet Density Adjusted Peak Converted Wet Density Optimum Moisture Content Moisture Variation From	t/m³ t/m³	-	-	19.5	-		-
Percent of oversize material Peak Converted Wet Density Adjusted Peak Converted Wet Density Optimum Moisture Content	t/m³ t/m³	- 21.5	24.0	19.5	-	-	-
Percent of oversize material Peak Converted Wet Density Adjusted Peak Converted Wet Density Optimum Moisture Content Moisture Variation From	t/m³ t/m³	21.5	24.0	19.5	-	-	-

Material description

No 4 - 6 Clay Fill



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Job No 20604 **CIVIL GEOTECHNICAL SERVICES** Report No 20604/R003 Date Issued 23/11/2020 6 - 8 Rose Avenue, Croydon 3136 WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD) Client Tested by AM Project **CORNERSTONE - STAGE 16** Date tested 10/11/20 Location WYNDHAM VALE Checked by JHF

Feature EARTHWORKS Layer thickness 200 mm Time: 08:47

Test No		7	8	9	-	-	-
Location		REFER TO FIGURE 1	REFER TO FIGURE 1	REFER TO FIGURE 1			
Approximate depth below FSL							
Measurement depth	mm	175	175	175	-	-	-
Field wet density	t/m³	1.91	1.92	1.81	-	-	-
Field moisture content	%	23.1	24.4	27.9	-	-	-
		7	8	9	-	-	-
Test No Compactive effort				Stan		-	-
Test No Compactive effort Oversize rock retained on sieve	mm	19.0	19.0	Stan 19.0		-	-
Test No Compactive effort Oversize rock retained on sieve Percent of oversize material	wet	19.0	19.0 0	Stan 19.0 0	dard - -	-	
Test No Compactive effort Oversize rock retained on sieve Percent of oversize material Peak Converted Wet Density	wet t/m³	19.0 0 2.00	19.0 0 1.95	Stan 19.0	dard - - -	- - -	
Test No Compactive effort Oversize rock retained on sieve Percent of oversize material Peak Converted Wet Density Adjusted Peak Converted Wet Density	wet t/m³ t/m³	19.0 0 2.00	19.0 0 1.95	Stan 19.0 0 1.91	dard - -	- - -	
Test No Compactive effort Oversize rock retained on sieve Percent of oversize material Peak Converted Wet Density	wet t/m³	19.0 0 2.00	19.0 0 1.95	Stan 19.0 0	dard - - -	- - -	
Test No Compactive effort Oversize rock retained on sieve Percent of oversize material Peak Converted Wet Density Adjusted Peak Converted Wet Density	wet t/m³ t/m³	19.0 0 2.00	19.0 0 1.95	Stan 19.0 0 1.91	dard - - -	- - -	

Material description

No 7 - 9 Clay Fill

NATA

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The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards.

Accredited for compliance with ISO/IEC 17025 - Testing

Accreditation No 9909

Approved Signatory : Justin Fry



Job No 20604 **CIVIL GEOTECHNICAL SERVICES** Report No 20604/R004 Date Issued 25/11/2020 6 - 8 Rose Avenue, Croydon 3136 WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD) Client Tested by JB Project **CORNERSTONE - STAGE 16** Date tested 11/11/20 Location WYNDHAM VALE Checked by JHF

Feature **EARTHWORKS** Layer thickness 200 mm Time: 13:00

Test No		10	11	12	-	-	-
Location		REFER TO FIGURE 1	REFER TO FIGURE 1	REFER TO FIGURE 1			
							<u> </u>
Approximate depth below FSL							
• • • • • • • • • • • • • • • • • • • •	mm	175	175	175	-		
Measurement depth	mm t/m³	175 2.02	175 1.98	175 2.01	<u>-</u>		<u>-</u>
Approximate depth below FSL Measurement depth Field wet density Field moisture content				_	-	- - -	-
Measurement depth Field wet density Field moisture content Test procedure AS 1289.5.7.1 Test No	t/m³	2.02	1.98	2.01 25.3	-	- - -	-
Measurement depth Field wet density Field moisture content Test procedure AS 1289.5.7.1 Test No Compactive effort	t/m³	2.02 24.9	1.98 23.8	2.01 25.3 12 Stan	-		
Measurement depth Field wet density Field moisture content Test procedure AS 1289.5.7.1 Test No Compactive effort Oversize rock retained on sieve	t/m³ % mm	2.02 24.9 10	1.98 23.8 11 19.0	2.01 25.3 12 Stan	-		
Measurement depth Field wet density Field moisture content Test procedure AS 1289.5.7.1 Test No Compactive effort Oversize rock retained on sieve Percent of oversize material	t/m³ % mm wet	2.02 24.9 10 19.0 0	1.98 23.8 11 19.0 0	2.01 25.3 12 Stand 19.0 0	- dard	-	·
Measurement depth Field wet density Field moisture content Test procedure AS 1289.5.7.1 Test No Compactive effort Oversize rock retained on sieve Percent of oversize material Peak Converted Wet Density	t/m³ % mm wet t/m³	2.02 24.9 10	1.98 23.8 11 19.0	2.01 25.3 12 Stan	- dard	-	·
Measurement depth Field wet density Field moisture content Test procedure AS 1289.5.7.1 Test No Compactive effort Oversize rock retained on sieve Percent of oversize material Peak Converted Wet Density Adjusted Peak Converted Wet Density	mm wet t/m³ t/m³	2.02 24.9 10 19.0 0 2.07	1.98 23.8 11 19.0 0 2.00	2.01 25.3 12 Stan 19.0 0 2.00	- dard - -	-	·
Measurement depth Field wet density Field moisture content Test procedure AS 1289.5.7.1 Test No Compactive effort Oversize rock retained on sieve Percent of oversize material Peak Converted Wet Density	t/m³ % mm wet t/m³	2.02 24.9 10 19.0 0 2.07	1.98 23.8 11 19.0 0	2.01 25.3 12 Stand 19.0 0	- dard - - -	- - -	·
Measurement depth Field wet density Field moisture content Test procedure AS 1289.5.7.1 Test No Compactive effort Oversize rock retained on sieve Percent of oversize material Peak Converted Wet Density Adjusted Peak Converted Wet Density	mm wet t/m³ t/m³	2.02 24.9 10 19.0 0 2.07 - 27.5	1.98 23.8 11 19.0 0 2.00 - 26.5	2.01 25.3 12 Stand 19.0 0 2.00 - 28.0	- dard - - -	- - -	·
Measurement depth Field wet density Field moisture content Test procedure AS 1289.5.7.1 Test No Compactive effort Oversize rock retained on sieve Percent of oversize material Peak Converted Wet Density Adjusted Peak Converted Wet Density	mm wet t/m³ t/m³	2.02 24.9 10 19.0 0 2.07	1.98 23.8 11 19.0 0 2.00	2.01 25.3 12 Stan 19.0 0 2.00	- dard - - -	- - -	·

Material description

No 10 - 12 Clay Fill



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Accreditation No 9909



Job No 20604 **CIVIL GEOTECHNICAL SERVICES** Report No 20604/R005 Date Issued 27/11/2020 6 - 8 Rose Avenue, Croydon 3136 WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD) Client Tested by JB Project **CORNERSTONE - STAGE 16** Date tested 12/11/20 Location WYNDHAM VALE Checked by JHF

Feature EARTHWORKS Layer thickness 200 mm Time: 13:00

Test No		13	14	15	-	-	-
Location		REFER TO FIGURE 1	REFER TO FIGURE 1	REFER TO FIGURE 1			
Approximate depth below FSL							
Measurement depth	mm	175	175	175	-	-	-
Field wet density	t/m³	2.00	1.96	2.09	-	-	-
Field moisture content	%	25.9	19.2	18.6	_	_	_
riela moistare content	/0	20.9	19.2	10.0		<u> </u>	
Test procedure AS 1289.5.7.1 Test No	/0	13	14	15	-	-	-
Test procedure AS 1289.5.7.1 Test No Compactive effort	76	13	14	15 Stan	-	1	-
Test procedure AS 1289.5.7.1 Test No Compactive effort Oversize rock retained on sieve	mm	13 19.0	14 19.0	15 Stan 19.0	-	1	-
Test procedure AS 1289.5.7.1 Test No Compactive effort Oversize rock retained on sieve Percent of oversize material	mm wet	13 19.0 0	14 19.0 0	15 Stan 19.0 0	-	-	<u> </u>
Test procedure AS 1289.5.7.1 Test No Compactive effort Oversize rock retained on sieve Percent of oversize material Peak Converted Wet Density	mm wet t/m³	13 19.0	14 19.0	15 Stan 19.0	- dard - - -	-	<u> </u>
Test procedure AS 1289.5.7.1 Test No Compactive effort Oversize rock retained on sieve Percent of oversize material Peak Converted Wet Density Adjusted Peak Converted Wet Density	mm wet t/m³	13 19.0 0 2.01	14 19.0 0 1.97	15 Stan 19.0 0 2.14	- dard - - -	- - - -	
Test procedure AS 1289.5.7.1 Test No Compactive effort Oversize rock retained on sieve Percent of oversize material Peak Converted Wet Density	mm wet t/m³	13 19.0 0	14 19.0 0	15 Stan 19.0 0	- dard - - -	- - -	
Test procedure AS 1289.5.7.1 Test No Compactive effort Oversize rock retained on sieve Percent of oversize material Peak Converted Wet Density Adjusted Peak Converted Wet Density	mm wet t/m³	13 19.0 0 2.01	14 19.0 0 1.97	15 Stan 19.0 0 2.14	- dard - - -	- - - -	

Material description

No 13 - 15 Clay Fill

NATA

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Job No 20604 **CIVIL GEOTECHNICAL SERVICES** Report No 20604/R006 Date Issued 29/01/2021 6 - 8 Rose Avenue, Croydon 3136 WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD) Client Tested by BGG Project **CORNERSTONE - STAGE 16** Date tested 13/11/20 Location WYNDHAM VALE Checked by JHF

Feature EARTHWORKS Layer thickness 200 mm Time: 09:07

Test No		16	17	18	-	-	-
Location		REFER TO FIGURE 1	REFER TO FIGURE 1	REFER TO FIGURE 1			
Approximate depth below FSL							
APPIOXIIIIAIE UEPIII DEIUW FOL							
	mm	175	175	175	-	-	-
Measurement depth Field wet density	mm t/m³	175 2.02	175 2.02	175 2.02	-	-	-
Measurement depth Field wet density		_	_	_	- - -	- - -	-
Measurement depth Field wet density Field moisture content Test procedure AS 1289.5.7.1	t/m³	2.02	2.02	2.02	-		-
Measurement depth Field wet density Field moisture content Test procedure AS 1289.5.7.1 Test No	t/m³	2.02 26.8	2.02 23.9	2.02 23.6		- - -	-
Measurement depth Field wet density Field moisture content Test procedure AS 1289.5.7.1 Test No Compactive effort	t/m³	2.02 26.8	2.02 23.9	2.02 23.6		- - -	-
Measurement depth Field wet density Field moisture content Test procedure AS 1289.5.7.1 Test No Compactive effort Oversize rock retained on sieve	t/m³ %	2.02 26.8	2.02 23.9	2.02 23.6 18 Stan	- - dard		<u> </u>
Measurement depth Field wet density Field moisture content Test procedure AS 1289.5.7.1 Test No Compactive effort Oversize rock retained on sieve Percent of oversize material	t/m³ % mm	2.02 26.8 16	2.02 23.9 17 19.0	2.02 23.6 18 Stan 19.0	- - dard		<u> </u>
Measurement depth Field wet density Field moisture content Test procedure AS 1289.5.7.1 Test No Compactive effort Oversize rock retained on sieve Percent of oversize material Peak Converted Wet Density Adjusted Peak Converted Wet Density	t/m³ % mm wet	2.02 26.8 16 19.0 0	2.02 23.9 17 19.0 0	2.02 23.6 18 Stan 19.0 0	- - dard	-	<u> </u>
Measurement depth	t/m³ % mm wet t/m³	2.02 26.8 16 19.0 0	2.02 23.9 17 19.0 0	2.02 23.6 18 Stan 19.0 0	- - dard - -		
Measurement depth Field wet density Field moisture content Test procedure AS 1289.5.7.1 Test No Compactive effort Oversize rock retained on sieve Percent of oversize material Peak Converted Wet Density Adjusted Peak Converted Wet Density	mm wet t/m³ t/m³	2.02 26.8 16 19.0 0 2.09	2.02 23.9 17 19.0 0 2.11	2.02 23.6 18 Stan 19.0 0 2.09	- - dard - -	- - -	
Measurement depth Field wet density Field moisture content Test procedure AS 1289.5.7.1 Test No Compactive effort Oversize rock retained on sieve Percent of oversize material Peak Converted Wet Density Adjusted Peak Converted Wet Density	mm wet t/m³ t/m³	2.02 26.8 16 19.0 0 2.09	2.02 23.9 17 19.0 0 2.11	2.02 23.6 18 Stan 19.0 0 2.09	- - dard - -	- - -	

Material description

No 16 - 18 Clay Fill



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Julia J



Job No 20604 **CIVIL GEOTECHNICAL SERVICES** Report No 20604/R007 Date Issued 29/01/2021 6 - 8 Rose Avenue, Croydon 3136 WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD) Client Tested by BGG Project **CORNERSTONE - STAGE 16** Date tested 14/11/20 Location WYNDHAM VALE Checked by JHF

Feature EARTHWORKS Layer thickness 200 mm Time: 09:13

Test No		19	20	21	-	-	-
Location							
		REFER	REFER	REFER			
		TO	TO	TO			
		FIGURE 1	FIGURE 1	FIGURE 1			
Approximate depth below FSL							
				4			
Measurement depth	mm	175	175	175	-	-	-
·	mm t/m³	175 1.93	175 2.00	2.01	-	-	-
Field wet density		_	_		- - -	- -	-
Field wet density Field moisture content Test procedure AS 1289.5.7.1	t/m³	1.93 25.2	2.00 26.8	2.01 24.6			-
Measurement depth Field wet density Field moisture content Test procedure AS 1289.5.7.1 Test No	t/m³	1.93	2.00	2.01 24.6	-	-	-
Field wet density Field moisture content Test procedure AS 1289.5.7.1 Test No Compactive effort	t/m³ %	1.93 25.2	2.00 26.8 20	2.01 24.6 21 Stan	-	-	-
Field wet density Field moisture content Test procedure AS 1289.5.7.1 Test No Compactive effort Oversize rock retained on sieve	t/m³ % mm	1.93 25.2 19	2.00 26.8 20 19.0	2.01 24.6 21 Stan 19.0	- dard -		-
Field wet density Field moisture content Test procedure AS 1289.5.7.1 Test No Compactive effort Oversize rock retained on sieve Percent of oversize material	t/m³ % mm wet	1.93 25.2 19 19.0 0	2.00 26.8 20 19.0 0	2.01 24.6 21 Stan 19.0 0	- dard - -	-	<u> </u>
Field wet density Field moisture content Test procedure AS 1289.5.7.1 Test No Compactive effort Oversize rock retained on sieve Percent of oversize material Peak Converted Wet Density	t/m³ % mm wet t/m³	1.93 25.2 19	2.00 26.8 20 19.0	2.01 24.6 21 Stan 19.0	- dard -	- - -	
Field wet density Field moisture content Test procedure AS 1289.5.7.1 Test No Compactive effort Oversize rock retained on sieve Percent of oversize material Peak Converted Wet Density Adjusted Peak Converted Wet Density	t/m³ % mm wet t/m³ t/m³	1.93 25.2 19 19.0 0 1.97	2.00 26.8 20 19.0 0 2.02	2.01 24.6 21 Stan 19.0 0 2.08	- dard - - -	- - - -	
Field wet density Field moisture content Test procedure AS 1289.5.7.1 Test No Compactive effort Oversize rock retained on sieve Percent of oversize material	t/m³ % mm wet t/m³	1.93 25.2 19 19.0 0	2.00 26.8 20 19.0 0	2.01 24.6 21 Stan 19.0 0	- dard - -	- - -	
Field wet density Field moisture content Test procedure AS 1289.5.7.1 Test No Compactive effort Oversize rock retained on sieve Percent of oversize material Peak Converted Wet Density Adjusted Peak Converted Wet Density	t/m³ % mm wet t/m³ t/m³	1.93 25.2 19 19.0 0 1.97	2.00 26.8 20 19.0 0 2.02	2.01 24.6 21 Stan 19.0 0 2.08	- dard - - -	- - - -	

Material description

No 19 - 21 Clay Fill

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AVRLOT HILF V1.10 MAR 13





Job No 20604 **CIVIL GEOTECHNICAL SERVICES** Report No 20604/R008 Date Issued 01/02/2021 6 - 8 Rose Avenue, Croydon 3136 WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD) JB Client Tested by Project **CORNERSTONE - STAGE 16** Date tested 16/11/20 Location WYNDHAM VALE Checked by JHF

Feature EARTHWORKS Layer thickness 200 mm Time: 13:00

Test No		22	23	24	-	-	-
Location		REFER TO FIGURE 1	REFER TO FIGURE 1	REFER TO FIGURE 1			
Approximate depth below FSL							
Measurement depth	mm	175	175	175	-	-	-
Field wet density	t/m³	2.02	2.01	1.91	-	-	-
Field moisture content	%	31.3	27.6	30.7	-	-	-
Test procedure AS 1289.5.7.1							
Test No		22	23	24	-	-	-
Test No Compactive effort				Stan	dard	I	
Test No Compactive effort Oversize rock retained on sieve	mm	19.0	19.0	Stan 19.0		-	-
Test No Compactive effort Oversize rock retained on sieve Percent of oversize material	wet	19.0	19.0 0	Stan 19.0 0	dard - -		-
Test No Compactive effort Oversize rock retained on sieve Percent of oversize material Peak Converted Wet Density	wet t/m³	19.0	19.0	Stan 19.0	dard		
Test No Compactive effort Oversize rock retained on sieve Percent of oversize material Peak Converted Wet Density Adjusted Peak Converted Wet Density	wet	19.0	19.0 0	Stan 19.0 0	dard - -		-
Test No Compactive effort Oversize rock retained on sieve Percent of oversize material Peak Converted Wet Density Adjusted Peak Converted Wet Density Optimum Moisture Content Moisture Variation From	wet t/m³ t/m³	19.0 0 2.11	19.0 0 2.10	Stan 19.0 0 1.96	dard - -	- - -	
Test No Compactive effort Oversize rock retained on sieve Percent of oversize material Peak Converted Wet Density Adjusted Peak Converted Wet Density Optimum Moisture Content	wet t/m³ t/m³	19.0 0 2.11 - 31.5	19.0 0 2.10 - 27.5	Stan 19.0 0 1.96 - 30.5	dard - - - -	- - - -	

Material description

No 22 - 24 Clay Fill



AVRLOT HILF V1.10 MAR 13

Julia Jo