



CIVIL GEOTECHNICAL SERVICES
ABN 26 474 013 724
PO Box 678 Croydon Vic 3136
Telephone: 9723 0744 Facsimile: 9723 0799

20th April 2020

Our Reference: 20141:SB015

Mirvac Pty Ltd
Level 5, Building Q3, 6 Riverside Quay,
SOUTHBANK VIC 3006

Dear Sirs/Madams,

**RE: LEVEL 1 EARTHWORKS INSPECTION AND TESTING
SMITHS LANE – STAGE 4, CLYDE NORTH**

Please find attached our Report No's 20141/R001 to 20141/R007 that 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 commenced and completed in March 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).

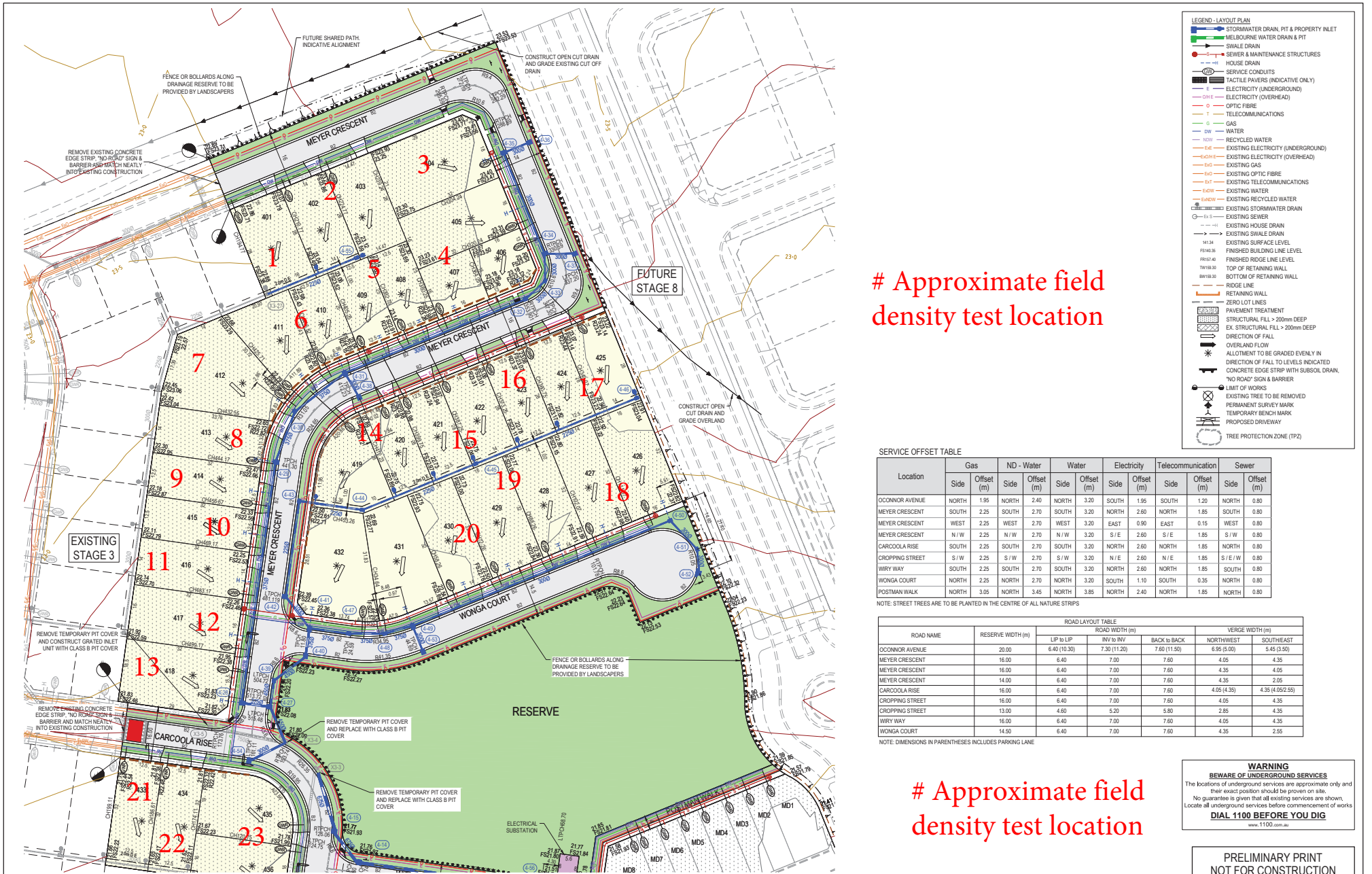
Please contact the undersigned if you require any additional information.

Civil Geotechnical Services

A handwritten signature in blue ink, appearing to read 'Stephen Burns', is written over a light blue horizontal line.

Stephen Burns

FIGURE 1 (1 of 2)



LEGEND - LAYOUT PLAN

- STORMWATER DRAIN, PIT & PROPERTY INLET
- MELBOURNE WATER DRAIN & PIT
- SWALE DRAIN
- SEWER & MAINTENANCE STRUCTURES
- HOUSE DRAIN
- SERVICE CONDUITS
- FACTILE PAVERS (INDICATIVE ONLY)
- ELECTRICITY (UNDERGROUND)
- ELECTRICITY (OVERHEAD)
- OPTIC FIBRE
- TELECOMMUNICATIONS
- GAS
- WATER
- RECYCLED WATER
- EXISTING ELECTRICITY (UNDERGROUND)
- EXISTING ELECTRICITY (OVERHEAD)
- EXISTING GAS
- EXISTING OPTIC FIBRE
- EXISTING TELECOMMUNICATIONS
- EXISTING WATER
- EXISTING RECYCLED WATER
- EXISTING STORMWATER DRAIN
- EXISTING SEWER
- EXISTING HOUSE DRAIN
- EXISTING SWALE DRAIN
- EXISTING SURFACE LEVEL
- FINISHED BUILDING LINE LEVEL
- FINISHED RIDGE LINE LEVEL
- TOP OF RETAINING WALL
- BOTTOM OF RETAINING WALL
- RODGE LINE
- RETAINING WALL
- ZERO LOT LINES
- PAVEMENT TREATMENT
- STRUCTURAL FILL > 200mm DEEP
- EX. STRUCTURAL FILL > 200mm DEEP
- DIRECTION OF FALL
- OVERLAND FLOW
- ALLOTMENT TO BE GRADED EVENLY IN DIRECTION OF FALL LEVELS INDICATED
- CONCRETE EDGE STRIP WITH SUBSOIL DRAIN, "NO ROAD" SIGN & BARRIER
- LIMIT OF WORKS
- EXISTING TREE TO BE REMOVED
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- PROPOSED DRIVEWAY
- TREE PROTECTION ZONE (TPZ)

Approximate field density test location

SERVICE OFFSET TABLE

Location	Gas		ND - Water		Water		Electricity		Telecommunication		Sewer	
	Side	Offset (m)	Side	Offset (m)	Side	Offset (m)	Side	Offset (m)	Side	Offset (m)	Side	Offset (m)
O'CONNOR AVENUE	NORTH	1.95	NORTH	2.40	NORTH	3.20	SOUTH	1.95	SOUTH	1.20	NORTH	0.80
MEYER CRESCENT	SOUTH	2.25	SOUTH	2.70	SOUTH	3.20	NORTH	2.60	NORTH	1.85	SOUTH	0.80
MEYER CRESCENT	WEST	2.25	WEST	2.70	WEST	3.20	EAST	0.90	EAST	0.15	WEST	0.80
MEYER CRESCENT	N/W	2.25	N/W	2.70	N/W	3.20	S/E	2.60	S/E	1.85	S/W	0.80
CARCOOLA RISE	SOUTH	2.25	SOUTH	2.70	SOUTH	3.20	NORTH	2.60	NORTH	1.85	NORTH	0.80
CROPPING STREET	S/W	2.25	S/W	2.70	S/W	3.20	N/E	2.60	N/E	1.85	S/E/W	0.80
WIRRY WAY	SOUTH	2.25	SOUTH	2.70	SOUTH	3.20	NORTH	2.60	NORTH	1.85	SOUTH	0.80
WONGA COURT	SOUTH	2.25	NORTH	2.70	NORTH	3.20	SOUTH	1.10	SOUTH	0.35	NORTH	0.80
POSTMAN WALK	NORTH	3.05	NORTH	3.45	NORTH	3.85	NORTH	2.40	NORTH	1.85	NORTH	0.80

NOTE: STREET TREES ARE TO BE PLANTED IN THE CENTRE OF ALL NATURE STRIPS

ROAD LAYOUT TABLE

ROAD NAME	RESERVE WIDTH (m)	ROAD WIDTH (m)				VERGE WIDTH (m)	
		LIP to LIP	INV to INV	BACK to BACK	NORTHWEST	SOUTHEAST	
O'CONNOR AVENUE	20.00	6.40 (10.30)	7.30 (11.20)	7.60 (11.50)	6.95 (5.00)	5.45 (3.50)	
MEYER CRESCENT	16.00	6.40	7.00	7.60	4.05	4.35	
MEYER CRESCENT	16.00	6.40	7.00	7.60	4.35	4.05	
MEYER CRESCENT	14.00	6.40	7.00	7.60	4.35	2.05	
CARCOOLA RISE	16.00	6.40	7.00	7.60	4.05 (4.35)	4.35 (4.05/2.55)	
CROPPING STREET	16.00	6.40	7.00	7.60	4.05	4.35	
CROPPING STREET	13.00	6.40	5.20	5.80	2.85	4.35	
WIRRY WAY	16.00	6.40	7.00	7.60	4.05	4.35	
WONGA COURT	14.50	6.40	7.00	7.60	4.35	2.55	

NOTE: DIMENSIONS IN PARENTHESES INCLUDES PARKING LANE

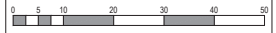
Approximate field density test location

WARNING
BWARE OF UNDERGROUND SERVICES
 The locations of underground services are approximate only and their exact position should be proven on site.
 No guarantee is given that all existing services are shown.
 Locate all underground services before commencement of works
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P2	WIRRY CLOSE CHANGED TO WIRRY WAY	23.01.20	CD	LM
P4	ISSUED FOR INFORMATION	25.12.19	CD	LM



Designed by: C. DAWSON
 Date: 26.12.2019
 Drawn by: L. SUTHERLAND
 Approved by: L. MURRAY
 Date: 20.01.2020
 PLS Number: PSK339625



Project Details
 SMITHS LANE
 STAGE 04
 CITY OF CASEY, SE90001/20
 Drawing Title
 LAYOUT PLAN
 (SHEET 1 OF 2)

Sheet 04 of 28
 Scale
 1:500 @ A1
 Project Ref
 1101438
 Stage No
 04
 Drawing No
 010
 Rev
 P2

K:\Data\101438\110 Smiths Lane_Cybs (MIRVAC)_Eng\Stage 4\Drawings\1101438-04-010-LAY.dwg

FIGURE 1 (2 of 2)

FOR CONTINUATION SEE 1101438-04-010



SERVICE OFFSET TABLE

ROAD NAME	RESERVE WIDTH (m)	ROAD WIDTH (m)						VERGE WIDTH (m)	
		LIP to LIP	INV to INV	BACK to BACK	NORTHWEST	SOUTHEAST			
O'CONNOR AVENUE	20.00	6.40 (10.30)	7.30 (11.20)	7.60 (11.50)	6.95 (5.00)	5.45 (3.50)			
MEYER CRESCENT	16.00	6.40	7.00	7.60	4.05	4.35			
MEYER CRESCENT	16.00	6.40	7.00	7.60	4.35	4.05			
MEYER CRESCENT	14.00	6.40	7.00	7.60	4.35	2.05			
CARCOOLA RISE	16.00	6.40	7.00	7.60	4.05 (4.35)	4.35 (4.05/5.5)			
CROPPING STREET	16.00	6.40	7.00	7.60	4.05	4.35			
CROPPING STREET	13.00	4.60	5.20	5.80	2.85	4.35			
WIRY WAY	16.00	6.40	7.00	7.60	4.05	4.35			
WONGA COURT	14.50	6.40	7.00	7.60	4.35	2.55			

NOTE: DIMENSIONS IN PARENTHESES INCLUDES PARKING LANE

Location	Gas		ND - Water		Water		Electricity		Telecommunication		Sewer	
	Side	Offset (m)	Side	Offset (m)	Side	Offset (m)	Side	Offset (m)	Side	Offset (m)	Side	Offset (m)
O'CONNOR AVENUE	NORTH	1.95	NORTH	2.40	NORTH	3.20	SOUTH	1.95	SOUTH	1.20	NORTH	0.80
MEYER CRESCENT	SOUTH	2.25	SOUTH	2.70	SOUTH	3.20	NORTH	2.60	NORTH	1.85	SOUTH	0.80
MEYER CRESCENT	WEST	2.25	WEST	2.70	WEST	3.20	EAST	0.90	EAST	0.15	WEST	0.80
MEYER CRESCENT	N / W	2.25	N / W	2.70	N / W	3.20	S / E	2.60	S / E	1.85	S / W	0.80
CARCOOLA RISE	SOUTH	2.25	SOUTH	2.70	SOUTH	3.20	NORTH	2.60	NORTH	1.85	NORTH	0.80
CROPPING STREET	S / W	2.25	S / W	2.70	S / W	3.20	N / E	2.60	N / E	1.85	S / E / W	0.80
WIRY WAY	SOUTH	2.25	SOUTH	2.70	SOUTH	3.20	NORTH	2.60	NORTH	1.85	SOUTH	0.80
WONGA COURT	NORTH	2.25	NORTH	2.70	NORTH	3.20	SOUTH	1.10	SOUTH	0.35	SOUTH	0.80
POSTMAN WALK	NORTH	3.05	NORTH	3.45	NORTH	3.85	NORTH	2.40	NORTH	1.85	NORTH	0.80

NOTE: STREET TREES ARE TO BE PLANTED IN THE CENTRE OF ALL NATURE STRIPS

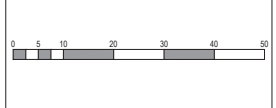
Approximate field density test location

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P2 WIRY CLOSE TO WIRY WAY & LOT 443 CROSSOVER CHANGED 23.01.20 CD LM
P1 ISSUED FOR INFORMATION 20.12.19 CD LM



Designed by: C. DAMSON 20/12/2019
Drawn by: L. SUTHERLAND
Approved by: L. MURRAY 20/01/2020
PIS Number: PSR333625

BW Beveridge Williams
development & environment consultants
1 Glenferrie Road
Malvern VIC 3144
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www.beveridgewilliams.com.au

Project Details
SMITHS LANE
STAGE 04
CITY OF CASEY, SEANG00010/20

Drawing Title
LAYOUT PLAN
(SHEET 2 OF 2)

Sheet 05 of 28

Scale
1:500 @ A1

Drawing Ref
1101438 04 011 P2



COMPACTION ASSESSMENT

Job No 20141
 Report No 20141/R001
 Date Issued 08/04/2020

CIVIL GEOTECHNICAL SERVICES

6 - 8 Rose Avenue, Croydon 3136

Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	Tested by	SB
Project	SMITHS LANE - STAGE 4	Date tested	10/03/20
Location	CLYDE NORTH	Checked by	JHF

Feature	EARTHWORKS	Layer thickness	200 mm	Time: 08:00
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Test procedure AS 1289.2.1.1 & 5.8.1

Test No	1	2	3	4	5	6
Location	REFER TO FIGURE 1	REFER TO FIGURE 1	REFER TO FIGURE 1	REFER TO FIGURE 1	REFER TO FIGURE 1	REFER TO FIGURE 1
Approximate depth below FSL						
Measurement depth	mm	175	175	175	175	175
Field wet density	t/m ³	1.98	1.96	1.97	1.98	1.99
Field moisture content	%	18.0	18.3	18.7	16.8	15.4

Test procedure AS 1289.5.7.1

Test No	1	2	3	4	5	6
Compactive effort	Standard					
Oversize rock retained on sieve	mm	19.0	19.0	19.0	19.0	19.0
Percent of oversize material	wet	0	0	0	0	0
Peak Converted Wet Density	t/m ³	2.06	2.06	2.04	2.06	2.07
Adjusted Peak Converted Wet Density	t/m ³	-	-	-	-	-
Optimum Moisture Content	%	18.0	17.5	17.5	17.5	16.0

Moisture Variation From Optimum Moisture Content	0.0%	0.5% wet	1.5% wet	0.5% dry	0.5% dry	0.5% dry
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Density Ratio (R _{HD})	%	96.0	95.0	96.5	96.0	96.5	97.0
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Material description

No 1 - 6 Clay Fill

AVRLOT HILF V1.10 MAR 13



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



COMPACTION ASSESSMENT

Job No 20141
 Report No 20141/R002
 Date Issued 08/04/2020

CIVIL GEOTECHNICAL SERVICES

6 - 8 Rose Avenue, Croydon 3136

Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	Tested by	SB
Project	SMITHS LANE - STAGE 4	Date tested	11/03/20
Location	CLYDE NORTH	Checked by	JHF

Feature	EARTHWORKS	Layer thickness	200 mm	Time: 09:00
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Test procedure AS 1289.2.1.1 & 5.8.1

Test No	7	8	9	10	11	12
Location	REFER TO FIGURE 1	REFER TO FIGURE 1	REFER TO FIGURE 1	REFER TO FIGURE 1	REFER TO FIGURE 1	REFER TO FIGURE 1
Approximate depth below FSL						
Measurement depth mm	175	175	175	175	175	175
Field wet density t/m³	1.96	1.96	1.96	1.96	1.96	1.97
Field moisture content %	15.4	12.4	18.8	18.1	16.8	18.1

Test procedure AS 1289.5.7.1

Test No	7	8	9	10	11	12
Compactive effort	Standard					
Oversize rock retained on sieve mm	19.0	19.0	19.0	19.0	19.0	19.0
Percent of oversize material wet	0	0	0	0	0	0
Peak Converted Wet Density t/m³	1.97	1.95	1.98	1.97	1.95	1.96
Adjusted Peak Converted Wet Density t/m³	-	-	-	-	-	-
Optimum Moisture Content %	17.5	14.5	19.0	17.5	19.0	17.0

Moisture Variation From Optimum Moisture Content	2.0% dry	2.0% dry	0.0%	0.5% wet	2.5% dry	1.0% wet
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Density Ratio (R_{HD})	%	100.0	100.5	99.0	99.5	100.5	101.0
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Material description

No 7 - 12 Clay Fill

AVRLOT HILF V1.10 MAR 13



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Accreditation No 9909

Approved Signatory : Justin Fry



COMPACTION ASSESSMENT

Job No 20141
 Report No 20141/R003
 Date Issued 07/04/2020

CIVIL GEOTECHNICAL SERVICES

6 - 8 Rose Avenue, Croydon 3136

Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	Tested by	SB
Project	SMITHS LANE - STAGE 4	Date tested	12/03/20
Location	CLYDE NORTH	Checked by	JHF

Feature	EARTHWORKS	Layer thickness	200 mm	Time: 14:00
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Test procedure AS 1289.2.1.1 & 5.8.1

Test No	13	14	15	16	17	18
Location	REFER TO FIGURE 1	REFER TO FIGURE 1	REFER TO FIGURE 1	REFER TO FIGURE 1	REFER TO FIGURE 1	REFER TO FIGURE 1
Approximate depth below FSL						
Measurement depth	mm	175	175	175	175	175
Field wet density	t/m ³	2.02	2.02	2.05	2.06	1.99
Field moisture content	%	15.3	15.0	13.6	13.2	13.4

Test procedure AS 1289.5.7.1

Test No	13	14	15	16	17	18
Compactive effort	Standard					
Oversize rock retained on sieve	mm	19.0	19.0	19.0	19.0	19.0
Percent of oversize material	wet	0	0	0	0	0
Peak Converted Wet Density	t/m ³	2.04	2.07	2.04	2.06	2.03
Adjusted Peak Converted Wet Density	t/m ³	-	-	-	-	-
Optimum Moisture Content	%	16.0	15.5	15.5	15.5	16.0

Moisture Variation From Optimum Moisture Content	0.5% dry	0.0%	2.0% dry	2.0% dry	2.5% dry	0.0%
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Density Ratio (R _{HD})	%	99.0	98.0	100.5	100.0	98.5	97.0
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Material description

No 13 - 18 Clay Fill

AVRLOT HILF V1.10 MAR 13



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Accreditation No 9909

Approved Signatory : Justin Fry



COMPACTION ASSESSMENT

Job No 20141
 Report No 20141/R004
 Date Issued 08/04/2020

CIVIL GEOTECHNICAL SERVICES

6 - 8 Rose Avenue, Croydon 3136

Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	Tested by	SB
Project	SMITHS LANE - STAGE 4	Date tested	12/03/20
Location	CLYDE NORTH	Checked by	JHF

Feature	EARTHWORKS	Layer thickness	200 mm	Time: 15:00
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Test procedure AS 1289.2.1.1 & 5.8.1

Test No	19	20	21	-	-	-
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/m ³	2.05	2.02	2.06	-	-
Field moisture content	%	13.4	14.5	12.9	-	-

Test procedure AS 1289.5.7.1

Test No	19	20	21	-	-	-
Compactive effort	Standard					
Oversize rock retained on sieve	mm	19.0	19.0	19.0	-	-
Percent of oversize material	wet	0	0	0	-	-
Peak Converted Wet Density	t/m ³	2.09	2.07	2.06	-	-
Adjusted Peak Converted Wet Density	t/m ³	-	-	-	-	-
Optimum Moisture Content	%	14.5	15.0	14.5	-	-

Moisture Variation From Optimum Moisture Content	1.0% dry	0.5% dry	1.5% dry	-	-	-
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Density Ratio (R _{HD})	%	98.5	97.5	100.0	-	-
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Material description

No 19 - 21 Clay Fill

AVRLOT HILF V1.10 MAR 13



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Accreditation No 9909

Approved Signatory : Justin Fry



COMPACTION ASSESSMENT

Job No 20141
 Report No 20141/R005
 Date Issued 02/04/2020

CIVIL GEOTECHNICAL SERVICES

6 - 8 Rose Avenue, Croydon 3136

Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	Tested by	SB
Project	SMITHS LANE - STAGE 4	Date tested	13/03/20
Location	CLYDE NORTH	Checked by	JHF

Feature	EARTHWORKS	Layer thickness	200 mm	Time:	14:00
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Test procedure AS 1289.2.1.1 & 5.8.1

Test No	22	23	24	25	26	27
Location	REFER TO FIGURE 1	REFER TO FIGURE 1	REFER TO FIGURE 1	REFER TO FIGURE 1	REFER TO FIGURE 1	REFER TO FIGURE 1
Approximate depth below FSL						
Measurement depth	mm	175	175	175	175	175
Field wet density	t/m ³	2.03	2.04	2.01	1.96	1.98
Field moisture content	%	15.0	14.0	13.7	20.1	18.6

Test procedure AS 1289.5.7.1

Test No	22	23	24	25	26	27
Compactive effort	Standard					
Oversize rock retained on sieve	mm	19.0	19.0	19.0	19.0	19.0
Percent of oversize material	wet	0	0	0	0	0
Peak Converted Wet Density	t/m ³	2.04	2.05	2.02	1.97	1.98
Adjusted Peak Converted Wet Density	t/m ³	-	-	-	-	-
Optimum Moisture Content	%	17.0	16.5	15.5	23.0	21.0

Moisture Variation From Optimum Moisture Content	2.0% dry	2.5% dry	2.0% dry	2.5% dry	2.5% dry	2.0% dry
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Density Ratio (R _{HD})	%	99.5	99.5	99.5	99.5	100.0	99.0
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Material description

No 22 - 27 Clay Fill

AVRLOT HILF V1.10 MAR 13



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



COMPACTION ASSESSMENT

Job No 20141
 Report No 20141/R006
 Date Issued 20/04/2020

CIVIL GEOTECHNICAL SERVICES

6 - 8 Rose Avenue, Croydon 3136

Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	Tested by	SB
Project	SMITHS LANE - STAGE 4	Date tested	16/03/20
Location	CLYDE NORTH	Checked by	JHF

Feature	EARTHWORKS	Layer thickness	200 mm	Time: 12:30
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Test procedure AS 1289.2.1.1 & 5.8.1

Test No	28	29	30	32	33	34
Location	REFER TO FIGURE 1	REFER TO FIGURE 1	REFER TO FIGURE 1	REFER TO FIGURE 1	REFER TO FIGURE 1	REFER TO FIGURE 1
Approximate depth below FSL						
Measurement depth	mm	175	175	175	175	175
Field wet density	t/m ³	2.03	2.03	2.02	2.02	2.06
Field moisture content	%	20.1	18.1	18.4	21.2	15.6

Test procedure AS 1289.5.7.1

Test No	28	29	30	32	33	34
Compactive effort	Standard					
Oversize rock retained on sieve	mm	19.0	19.0	19.0	19.0	19.0
Percent of oversize material	wet	0	0	0	0	0
Peak Converted Wet Density	t/m ³	2.06	2.05	2.04	2.05	2.10
Adjusted Peak Converted Wet Density	t/m ³	-	-	-	-	-
Optimum Moisture Content	%	17.5	20.0	19.5	20.0	17.0

Moisture Variation From Optimum Moisture Content	2.5% wet	2.0% dry	1.0% dry	1.0% wet	1.5% dry	0.5% dry
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Density Ratio (R _{HD})	%	98.5	99.0	99.0	98.5	98.0	98.5
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Material description

No 28 - 34 Clay Fill

AVRLOT HILF V1.10 MAR 13



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



COMPACTION ASSESSMENT

Job No 20141
 Report No 20141/R007
 Date Issued 20/04/2020

CIVIL GEOTECHNICAL SERVICES

6 - 8 Rose Avenue, Croydon 3136

Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	Tested by	SB
Project	SMITHS LANE - STAGE 4	Date tested	16/03/20
Location	CLYDE NORTH	Checked by	JHF

Feature	EARTHWORKS	Layer thickness	200 mm	Time: 13:30
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Test procedure AS 1289.2.1.1 & 5.8.1

Test No	34	35	36	-	-	-
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/m ³	2.04	2.01	2.03	-	-
Field moisture content	%	15.7	15.7	17.5	-	-

Test procedure AS 1289.5.7.1

Test No	34	35	36	-	-	-
Compactive effort	Standard					
Oversize rock retained on sieve	mm	19.0	19.0	19.0	-	-
Percent of oversize material	wet	0	0	0	-	-
Peak Converted Wet Density	t/m ³	2.06	2.09	2.10	-	-
Adjusted Peak Converted Wet Density	t/m ³	-	-	-	-	-
Optimum Moisture Content	%	18.5	15.5	17.0	-	-

Moisture Variation From Optimum Moisture Content	2.5% dry	0.5% wet	0.0%	-	-	-
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Density Ratio (R _{HD})	%	99.5	96.5	96.5	-	-
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Material description

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