COMPACTION ASSESSMENT

CIVIL GEOTECHNICAL SERVICES
6 - 8 Rose Avenue, Croydon, Vic 3136

		Job No	21824
		Report No	21824/R001
		Date Issued	26/11/2021
Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	Tested by	AC
Project	TRIJENA - STAGE 14	Date tested	26/11/21
Location	MICKLEHAM	Checked by	JHF

Feature	CONSTRUCTION LAYER	*Layer thickness*	150 mm	*Time:*	08:32:39

AS 12892.1.1 & 5.8.1

Test No		1	2	3	4	5	6
Location		Potter Circuit			Madura Promenade		
Chainage		220	175	125	40	90	140
Offset		1.8 east of kerb	1.8 north of kerb	1.8 south of kerb	1.8 west of kerb	1.8 east of kerb	1.8 west of kerb
Approximate depth from F.S.L.	*m*						
Measurement depth	*mm*	125	125	125	125	125	125
Field wet density	*t/m³*	2.22	2.22	2.21	2.21	2.20	2.21
Field dry density	*t/m³*	2.07	2.06	2.04	2.05	2.04	2.05
Field moisture content	*%*	7.0	8.0	8.0	7.5	7.5	7.5

Laboratory Compaction AS 1289.5.1.1 & 5.4.2 Assigned Values (See Report No 40SMVDCK)

Date of assignment		23/11/2021
Material source and location		40mm Capping - MVQ, Donnybrook
Compactive effort		STANDARD
Maximum Dry Density	*t/m³*	2.09
Optimum Moisture Content	*%*	10.0

Test procedure AS 1289.5.4.1

Oversize rock retained on sieve	*mm*	37.5	37.5	37.5	37.5	37.5	37.5
Percent of oversize material	*wet*	-	-	-	-	-	-
Percent of oversize material	*dry*	-	-	-	-	-	-
Adjusted Maximum Dry Density	*t/m³*	-	-	-	-	-	-
Adjusted Optimum Moisture Content	*%*	-	-	-	-	-	-

Moisture Variation From Optimum Moisture Content	3.0% dry	2.0% dry	2.0% dry	2.5% dry	2.5% dry	2.5% dry
Moisture Ratio (R_m) *%*	72.0	80.0	80.5	76.5	76.5	76.5

density and moisture ratio results relate only to the soil to the depth of test and not to the full depth of the layer

Density Ratio (R_D) *%*	**99.0**	**98.5**	**98.0**	**98.0**	**98.0**	**98.0**

Approved Signatory : Justin Fry

COMPACTION ASSESSMENT

CIVIL GEOTECHNICAL SERVICES
6 - 8 Rose Avenue, Croydon, Vic 3136

		Job No	21824
		Report No	21824/R002
		Date Issued	26/11/2021
Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	Tested by	AC
Project	TRIJENA - STAGE 14	Date tested	26/11/21
Location	MICKLEHAM	Checked by	JHF

Feature	CONSTRUCTION LAYER	Layer thickness	150 mm	Time:	09:12:12

AS 12892.1.1 & 5.8.1

Test No		7	8	9	10		
Location		Madura Promenade			Strathmore Way		
Chainage		190	240	290	30		
Offset		1.8 west of kerb	1.8 east of kerb	1.8 west of kerb	1.8 south of kerb		
Approximate depth from F.S.L.	m						
Measurement depth	mm	125	125	125	125		
Field wet density	t/m³	2.29	2.30	2.25	2.25		
Field dry density	t/m³	2.10	2.11	2.05	2.06		
Field moisture content	%	9.0	9.5	9.5	9.0		

Laboratory Compaction AS 1289.5.1.1 & 5.4.2 Assigned Values (See Report No 40SMVDCK)

Date of assignment		23/11/2021
Material source and location		40mm Capping - MVQ, Donnybrook
Compactive effort		STANDARD
Maximum Dry Density	t/m³	2.09
Optimum Moisture Content	%	10.0

Test procedure AS 1289.5.4.1

Oversize rock retained on sieve	mm	37.5	37.5	37.5	37.5		
Percent of oversize material	wet	-	-	-	-		
Percent of oversize material	dry	-	-	-	-		
Adjusted Maximum Dry Density	t/m³	-	-	-	-		
Adjusted Optimum Moisture Content	%	-	-	-	-		

Moisture Variation From Optimum Moisture Content		1.0% dry	0.5% dry	0.5% dry	1.0% dry		
Moisture Ratio (R_m)	%	90.5	93.5	96.0	89.5		

density and moisture ratio results relate only to the soil to the depth of test and not to the full depth of the layer

Density Ratio (R_D)	%	**100.5**	**101.0**	**98.5**	**99.0**		

AS61ASSIGNED V1.13 MAR 13

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

Approved Signatory : Justin Fry

COMPACTION ASSESSMENT

CIVIL GEOTECHNICAL SERVICES
6 - 8 Rose Avenue, Croydon 3136

		Job No	21824
		Report No	21824/R003
		Date Issued	20/12/2021
Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	Tested by	AC
Project	TRIJENA - STAGE 14	Date tested	09/12/21
Location	MICKLEHAM	Checked by	JHF

Feature CAPPING *Layer thickness* 150 mm *Time:* 07:28

Test procedure AS 1289.2.1.1 & 5.8.1

Test No		**11**	**12**	**13**	**14**	**15**	**16**
Location		Madura Promenade					
		290 1.8 west of kerb	240 1.8 east of kerb	190 1.8 west of kerb	140 1.8 east of kerb	90 1.8 west of kerb	40 1.8 east of kerb
Approximate depth below FSL							
Measurement depth	mm	125	125	125	125	125	125
Field wet density	t/m³	2.02	2.05	2.05	2.05	1.99	1.99
Field moisture content	%	12.0	10.8	10.9	12.0	11.1	11.7

Test procedure AS 1289.5.7.1

Test No		11	12	13	14	15	16
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	2.07	2.09	2.10	2.08	2.03	2.02
Adjusted Peak Converted Wet Density	t/m³	-	-	-	-	-	-
Optimum Moisture Content	%	14.0	13.0	13.5	14.5	13.0	14.0

Moisture Variation From Optimum Moisture Content		2.0% dry	2.5% dry	2.5% dry	2.5% dry	2.0% dry	2.5% dry

density and moisture ratio results relate only to the soil to the depth of test and not to the full depth of the layer

Density Ratio (R_{HD})	%	**98.0**	**98.0**	**98.0**	**98.5**	**98.0**	**98.5**

Material description

No 11 - 16 Boxhill Mudstone

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

Approved Signatory : Justin Fry

COMPACTION ASSESSMENT

CIVIL GEOTECHNICAL SERVICES
6 - 8 Rose Avenue, Croydon 3136

		Job No	21824
		Report No	21824/R004
		Date Issued	20/12/2021
Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	Tested by	AC
Project	TRIJENA - STAGE 14	Date tested	09/12/21
Location	MICKLEHAM	Checked by	JHF

Feature CAPPING | *Layer thickness* 150 mm | *Time:* 08:35

Test procedure AS 1289.2.1.1 & 5.8.1

Test No		**17**	**18**	**19**	**20**	-	-
Location		Strathmore Way	Potter Circuit				
		30 1.8 north of kerb	125 1.8 south of kerb	175 1.8 north of kerb	220 1.8 east of kerb		
Approximate depth below FSL							
Measurement depth	*mm*	125	125	125	125	-	-
Field wet density	*t/m³*	2.02	2.02	2.03	2.01	-	-
Field moisture content	*%*	11.9	12.9	11.6	12.3	-	-

Test procedure AS 1289.5.7.1

Test No		17	18	19	20	-	-
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*	2.05	2.06	2.06	2.05	-	-
Adjusted Peak Converted Wet Density	*t/m³*	-	-	-	-	-	-
Optimum Moisture Content	*%*	14.5	14.5	14.0	14.5	-	-

Moisture Variation From Optimum Moisture Content		2.5% dry	1.5% dry	2.5% dry	2.5% dry	-	-

density and moisture ratio results relate only to the soil to the depth of test and not to the full depth of the layer

Density Ratio (R_{HD})	*%*	**98.5**	**98.0**	**98.5**	**98.0**	-	-

Material description

No 17 - 20 Boxhill Mudstone

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

Approved Signatory : Justin Fry

COMPACTION ASSESSMENT

CIVIL GEOTECHNICAL SERVICES
6 - 8 Rose Avenue, Croydon, Vic 3136

		Job No	21824
		Report No	21824/R005
		Date Issued	15/12/2021
Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	Tested by	AC
Project	TRIJENA - STAGE 14	Date tested	15/12/21
Location	MICKLEHAM	Checked by	JHF

Feature	CLASS 3	Layer thickness	100 mm	Time:	14:02:52

AS 12892.1.1 & 5.8.1

Test No		21	22	23	24	25	26
Location		Madura Promenade					
Chainage		290	240	190	140	90	40
Offset		1.8 east of kerb	1.8 west of kerb	1.8 east of kerb	1.8 west of kerb	1.8 east of kerb	1.8 west of kerb
Approximate depth from F.S.L.	m						
Measurement depth	mm	75	75	75	75	75	75
Field wet density	t/m³	2.38	2.38	2.39	2.40	2.39	2.38
Field dry density	t/m³	2.25	2.23	2.23	2.24	2.24	2.24
Field moisture content	%	6.0	6.5	7.0	7.0	6.5	6.5

Laboratory Compaction AS 1289.5.2.1 & 5.4.2 Assigned Values (See Report No 203HWES)

Date of assignment		19/11/2021
Material source and location		20mm Class 3 - Hanson, Wollert
Compactive effort		MODIFIED
Maximum Dry Density	t/m³	2.28
Optimum Moisture Content	%	8.5

Test procedure AS 1289.5.4.1

Oversize rock retained on sieve	mm	19.0	19.0	19.0	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 Content	%	-	-	-	-	-	-

Moisture Variation From Optimum Moisture Content	3.0% dry	2.0% dry	2.0% dry	2.0% dry	2.0% dry	2.5% dry
Moisture Ratio (R_m) %	67.5	77.5	79.0	77.5	76.0	72.5

density and moisture ratio results relate only to the soil to the depth of test and not to the full depth of the layer

Density Ratio (R_D)	%	**98.5**	**98.0**	**98.0**	**98.5**	**98.5**	**98.5**

Approved Signatory : Justin Fry

COMPACTION ASSESSMENT

CIVIL GEOTECHNICAL SERVICES
6 - 8 Rose Avenue, Croydon, Vic 3136

		Job No	21824
		Report No	21824/R006
		Date Issued	15/12/2021
Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	Tested by	AC
Project	TRIJENA - STAGE 14	Date tested	15/12/21
Location	MICKLEHAM	Checked by	JHF

Feature	**CLASS 3**	*Layer thickness*	100 mm	*Time:*	14:49:35

AS 12892.1.1 & 5.8.1

Test No		**27**	**28**	**29**	**30**		
Location		Strathmore Way	Potter Circuit				
Chainage		30	125	75	25		
Offset		1.8 south of kerb	1.8 north of kerb	1.8 south of kerb	1.8 west of kerb		
Approximate depth from F.S.L.	*m*						
Measurement depth	*mm*	75	75	75	75		
Field wet density	*t/m³*	2.38	2.37	2.37	2.38		
Field dry density	*t/m³*	2.24	2.24	2.24	2.24		
Field moisture content	*%*	6.0	5.5	6.0	6.0		

Laboratory Compaction AS 1289.5.2.1 & 5.4.2 Assigned Values (See Report No 203HWES)

Date of assignment		19/11/2021
Material source and location		20mm Class 3 - Hanson, Wollert
Compactive effort		MODIFIED
Maximum Dry Density	*t/m³*	2.28
Optimum Moisture Content	*%*	8.5

Test procedure AS 1289.5.4.1

Oversize rock retained on sieve	*mm*	19.0	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 Content	*%*	-	-	-	-		

Moisture Variation From Optimum Moisture Content		3.0% dry	3.0% dry	3.0% dry	2.5% dry		
Moisture Ratio (R_m)	*%*	67.5	65.5	68.5	69.0		

density and moisture ratio results relate only to the soil to the depth of test and not to the full depth of the layer

Density Ratio (R_D)	*%*	**98.5**	**98.5**	**98.0**	**98.5**		

A581ASSIGNED V1.13 MAR 13

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

Approved Signatory : Justin Fry

COMPACTION ASSESSMENT

CIVIL GEOTECHNICAL SERVICES
6 - 8 Rose Avenue, Croydon, Vic 3136

		Job No	21824
		Report No	21824/R007
		Date Issued	14/01/2022
Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	Tested by	AC
Project	TRIJENA - STAGE 14	Date tested	14/01/22
Location	MICKLEHAM	Checked by	JHF

Feature	CLASS 2	*Layer thickness*	130 mm	*Time:*	13:26:54

AS 12892.1.1 & 5.8.1

Test No		31	32	33	34	35	36
Location		Madura Promenade					
Chainage		290	240	190	140	90	40
Offset		1.8 west of kerb	1.8 east of kerb	1.8 west of kerb	1.8 east of kerb	1.8 west of kerb	1.9 east of kerb
Approximate depth from F.S.L.	*m*						
Measurement depth	*mm*	100	100	100	100	100	100
Field wet density	*t/m³*	2.42	2.41	2.41	2.41	2.41	2.42
Field dry density	*t/m³*	2.29	2.30	2.29	2.29	2.30	2.30
Field moisture content	*%*	5.5	4.5	5.0	5.0	5.0	5.0

Laboratory Compaction AS 1289.5.2.1 & 5.4.2 Assigned Values (See Report No 202ABAF)

Date of assignment		19/11/2021
Material source and location		20mm Class 2 - ACM, Beveridge
Compactive effort		MODIFIED
Maximum Dry Density	*t/m³*	2.34
Optimum Moisture Content	*%*	7.0

Test procedure AS 1289.5.4.1

Oversize rock retained on sieve	*mm*	19.0	19.0	19.0	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 Content	*%*	-	-	-	-	-	-

Moisture Variation From Optimum Moisture Content		1.5% dry	2.5% dry	2.0% dry	1.5% dry	2.0% dry	1.5% dry
Moisture Ratio (R_m)	*%*	81.0	64.5	71.0	76.5	73.0	76.0

density and moisture ratio results relate only to the soil to the depth of test and not to the full depth of the layer

Density Ratio (R_D)	*%*	**98.0**	**98.5**	**98.0**	**98.0**	**98.0**	**98.0**

Approved Signatory : Justin Fry

COMPACTION ASSESSMENT

CIVIL GEOTECHNICAL SERVICES
6 - 8 Rose Avenue, Croydon, Vic 3136

		Job No	21824
		Report No	21824/R008
		Date Issued	14/01/2022
Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	Tested by	AC
Project	TRIJENA - STAGE 14	Date tested	14/01/22
Location	MICKLEHAM	Checked by	JHF

Feature	CLASS 2	Layer thickness	130 mm	Time:	14:13:08

AS 12892.1.1 & 5.8.1

Test No		37	38	39	40		
Location		Strathmore Way	Potter Circuit				
Chainage		30	125	175	220		
Offset		1.8 south of kerb	1.8 north of kerb	1.8 south of kerb	1.8 west of kerb		
Approximate depth from F.S.L.	m						
Measurement depth	mm	100	100	100	100		
Field wet density	t/m³	2.40	2.40	2.40	2.40		
Field dry density	t/m³	2.30	2.30	2.30	2.29		
Field moisture content	%	4.5	4.5	4.0	4.5		

Laboratory Compaction AS 1289.5.2.1 & 5.4.2 Assigned Values (See Report No 202ABAF)

Date of assignment		19/11/2021
Material source and location		20mm Class 2 - ACM, Beveridge
Compactive effort		MODIFIED
Maximum Dry Density	t/m³	2.34
Optimum Moisture Content	%	7.0

Test procedure AS 1289.5.4.1

Oversize rock retained on sieve	mm	19.0	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 Content	%	-	-	-	-		

Moisture Variation From Optimum Moisture Content		2.5% dry	2.5% dry	2.5% dry	2.0% dry		
Moisture Ratio (R_m)	%	63.0	65.0	61.0	68.0		

density and moisture ratio results relate only to the soil to the depth of test and not to the full depth of the layer

Density Ratio (R_D)	%	**98.0**	**98.5**	**98.5**	**98.0**		

AS61ASSIGNED V1.13 MAR 13

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

Approved Signatory : Justin Fry

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

16th March 2022

Our Reference: 21795:NB1180

Winslow Constructors Pty Ltd
50 Barry Road
CAMPBELLFIELD VIC 3061

Dear Sirs/Madams,

RE: LEVEL 1 EARTHWORKS INSPECTION AND TESTING
TRIJENA – STAGE 14 (MICKLEHAM)

Please find attached our Report No's 21795/R001 and 21795/R002 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 commenced in December 2021 and was completed in January 2022.

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).

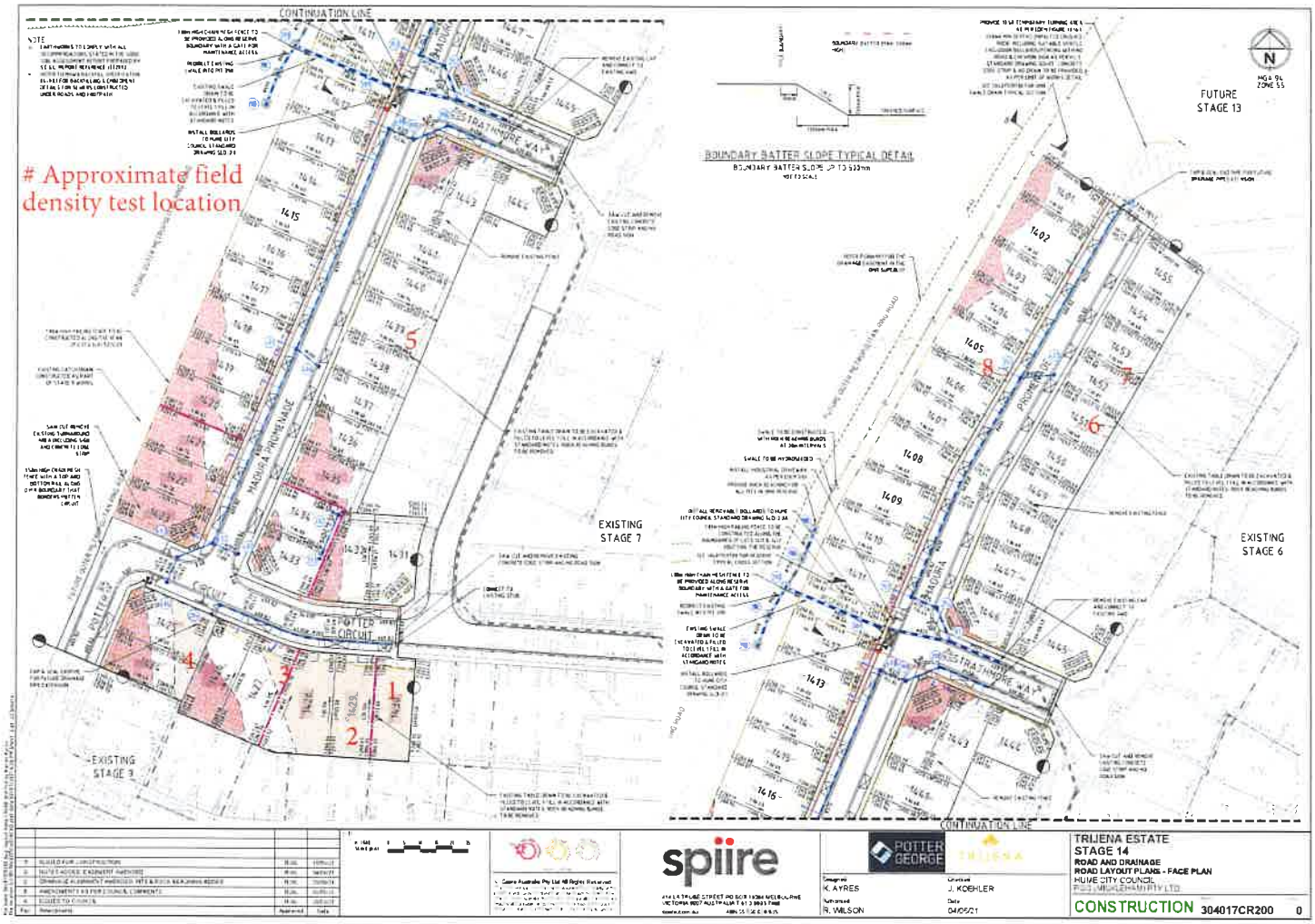
We are of the view that the bulk fill materials that have been placed across the reported allotments by Winslow Constructors during the aforementioned period can be considered as having been placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

Please contact the undersigned if you require any additional information.

Civil Geotechnical Services

Nick Brock

FIGURE 1


Approximate field density test location
CONTINUATION LINE
EXISTING STAGE 7
EXISTING STAGE 3
EXISTING STAGE 6
FUTURE STAGE 13
BOUNDARY BATTER SLOPE TYPICAL DETAIL
MADURA PROMENADE
STRATHMORE WAY
POTTER CIRCUIT
spiire
POTTER GEORGE
TRIJENA
TRIJENA ESTATE
STAGE 14
ROAD AND DRAINAGE
ROAD LAYOUT PLANS - FACE PLAN
HUME CITY COUNCIL
K. AYRES
J. KOEHLER
R. WILSON
04/05/21
CONSTRUCTION
304017CR200
0

COMPACTION ASSESSMENT

CIVIL GEOTECHNICAL SERVICES
6 - 8 Rose Avenue, Croydon 3136

		Job No	21795
		Report No	21795/R001
		Date Issued	24/01/2022
Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	Tested by	AC
Project	TRIJENA - STAGE 14	Date tested	13/12/21
Location	MICKLEHAM	Checked by	JHF

Feature	**EARTHWORKS**	*Layer thickness*	200 mm	*Time:*	15:29

Test procedure AS 1289.2.1.1 & 5.8.1

Test No		1	2	3	4	-	-
Location		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	-	-
Field wet density	*t/m³*	1.93	1.92	1.94	1.93	-	-
Field moisture content	*%*	18.4	18.9	18.8	21.1	-	-

Test procedure AS 1289.5.7.1

Test No		1	2	3	4	-	-
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*	2.00	1.96	2.01	2.01	-	-
Adjusted Peak Converted Wet Density	*t/m³*	-	-	-	-	-	-
Optimum Moisture Content	*%*	21.0	21.5	21.5	23.5	-	-

Moisture Variation From Optimum Moisture Content		2.5% dry	2.5% dry	2.5% dry	2.5% dry	-	-

density and moisture ratio results relate only to the soil to the depth of test and not to the full depth of the layer

Density Ratio (R_{HD})	**%**	**96.5**	**98.5**	**96.5**	**96.0**	**-**	**-**

Material description

No 1 - 4 Clay Fill

Approved Signatory : Justin Fry

COMPACTION ASSESSMENT

CIVIL GEOTECHNICAL SERVICES
6 - 8 Rose Avenue, Croydon 3136

		Job No	21795
		Report No	21795/R002
		Date Issued	18/02/2022
Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	Tested by	AC
Project	TRIJENA - STAGE 14	Date tested	13/01/22
Location	MICKLEHAM	Checked by	JHF

Feature	**EARTHWORKS**	*Layer thickness*	200 mm	*Time:*	10:28

Test procedure AS 1289.2.1.1 & 5.8.1

Test No		**5**	**6**	**7**	**8**	-	-
Location		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	-	-
Field wet density	*t/m³*	1.99	1.96	1.92	1.97	-	-
Field moisture content	*%*	21.6	20.1	18.9	19.2	-	-

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*	2.02	2.02	1.97	1.99	-	-
Adjusted Peak Converted Wet Density	*t/m³*	-	-	-	-	-	-
Optimum Moisture Content	*%*	23.0	22.0	20.0	21.5	-	-

Moisture Variation From Optimum Moisture Content		1.5% dry	2.0% dry	1.0% dry	2.5% dry	-	-

density and moisture ratio results relate only to the soil to the depth of test and not to the full depth of the layer

Density Ratio (R_{HD})	*%*	**98.5**	**97.0**	**97.5**	**99.0**	-	-

Material description

No 5 - 8 Clay Fill

Approved Signatory : Justin Fry

CONTINUATION LINE

NOTE:
- EARTHWORKS TO COMPLY WITH ALL RECOMMENDATIONS STATED IN THE SODIC SOIL ASSESSMENT REPORT PREPARED BY S.E.S.L. REPORT REFERENCE J002893
- REFER TO MRWA BACKFILL SPECIFICATION 04-03-1 FOR BACKFILLING & EMBEDMENT DETAILS FOR SEWERS CONSTRUCTED UNDER ROADS AND FOOTPATH

180m HIGH CHAIN MESH FENCE TO BE PROVIDED ALONG RESERVE BOUNDARY WITH A GATE FOR MAINTENANCE ACCESS

REDIRECT EXISTING SWALE INTO PIT 390

EXISTING SWALE DRAIN TO BE EXCAVATED & FILLED TO LEVEL 1 FILL IN ACCORDANCE WITH STANDARD NOTES

INSTALL BOLLARDS TO HUME CITY COUNCIL STANDARD DRAWING SLD-2.1

REMOVE EXISTING CAP AND CONNECT TO EXISTING SWD

SAW CUT AND REMOVE EXISTING CONCRETE EDGE STRIP AND NO ROAD SIGN

REMOVE EXISTING FENCE

EXISTING TABLE DRAIN TO BE EXCAVATED & FILLED TO LEVEL 1 FILL IN ACCORDANCE WITH STANDARD NOTES ROCK BEACHING BUNDS TO BE REMOVED.

180m HIGH PAILING FENCE TO BE CONSTRUCTED ALONG THE REAR OF LOTS 1401 TO 1423

EXISTING CATCH DRAIN CONSTRUCTED AS PART OF STAGE 9 WORKS

SAW CUT REMOVE EXISTING TURNAROUND AREA INCLUDING SIGN AND CONCRETE EDGE STRIP

150m HIGH CHAIN MESH FENCE WITH A TOP AND BOTTOM RAIL ALONG OMR BOUNDARY THAT BORDERS POTTER CIRCUIT

CAP & SEAL ENDPIPE FOR FUTURE DRAINAGE PIPE EXTENSION

SAW CUT AND REMOVE EXISTING CONCRETE EDGE STRIP AND NO ROAD SIGN

CONNECT TO EXISTING STUB

EXISTING TABLE DRAIN TO BE EXCAVATED & FILLED TO LEVEL 1 FILL IN ACCORDANCE WITH STANDARD NOTES ROCK BEACHING BUNDS TO BE REMOVED

EXISTING STAGE 7

EXISTING STAGE 9

FUTURE OUTER METROPOLITAN RING ROAD

MADURA PROMENADE

STRATHMORE WAY

POTTER CIRCUIT

RESERVE No.1

1411 1412 1413 1414 1415 1416 1417 1418 1419 1420 1421 1422 1423 1424 1425 1426 1427 1428 1429 1430 1431 1432 1433 1434 1435 1436 1437 1438 1439 1440 1441 1442 1443 1444 1445 1446 1447

BOUNDARY BATTER (MAX 500mm HIGH)

TITLE BOUNDARY

100mm

3 IN 2

500mm MAX

100mm MAX

FINISHED SURFACE

BOUNDARY BATTER SLOPE TYPICAL DETAIL

BOUNDARY BATTER SLOPE UP TO 500mm

NOT TO SCALE

Construction Layer
Capping Layer
Class 3
Class 2

PROVIDE 10.5R TEMPORARY TURNING AREA AS PER EDCM FIGURE 10.16.1. 200mm MIN DEPTH COMPACTED CRUSHED ROCK, INCLUDING SUITABLE VEHICLE EXCLUSION BOLLARDS/FENCING WITH NO ROAD & CHEVRON SIGN AS PER HCC STANDARD DRAWING SD407. CONCRETE EDGE STRIP & AG DRAIN TO BE PROVIDED AS PER LIMIT OF WORKS DETAIL

SEE 304017CR700 FOR OMR SWALE DRAIN TYPICAL SECTION

N

MGA 94 ZONE 55

FUTURE STAGE 13

CAP & SEAL END PIPE FOR FUTURE DRAINAGE PIPE EXTENSION

REFER PS806997 FOR THE DRAINAGE EASEMENT IN THE OMR SUPERLOT

SWALE TO BE CONSTRUCTED WITH ROCK BEACHING BUNDS AT 30m INTERVALS

SWALE TO BE HYDROSEEDED

INSTALL INDUSTRIAL DRIVEWAY AS PER EDCM 503

PROVIDE ROCK BEACHING FOR ALL PITS IN OMR RESERVE

INSTALL REMOVABLE BOLLARDS TO HUME CITY COUNCIL STANDARD DRAWING SLD-2.3A

180m HIGH PAILING FENCE TO BE CONSTRUCTED ALONG THE BOUNDARIES OF LOTS 1411 & 1412 ABUTTING THE RESERVE

SEE 304017CR700 FOR RESERVE TYPICAL CROSS SECTION

180m HIGH CHAIN MESH FENCE TO BE PROVIDED ALONG RESERVE BOUNDARY WITH A GATE FOR MAINTENANCE ACCESS

REDIRECT EXISTING SWALE INTO PIT 390

EXISTING SWALE DRAIN TO BE EXCAVATED & FILLED TO LEVEL 1 FILL IN ACCORDANCE WITH STANDARD NOTES

INSTALL BOLLARDS TO HUME CITY COUNCIL STANDARD DRAWING SLD-2.1

EXISTING TABLE DRAIN TO BE EXCAVATED & FILLED TO LEVEL 1 FILL IN ACCORDANCE WITH STANDARD NOTES ROCK BEACHING BUNDS TO BE REMOVED

REMOVE EXISTING FENCE

REMOVE EXISTING CAP AND CONNECT TO EXISTING SWD

EXISTING STAGE 6

SAW CUT AND REMOVE EXISTING CONCRETE EDGE STRIP AND NO ROAD SIGN

REMOVE EXISTING FENCE

FUTURE OUTER METROPOLITAN RING ROAD

PROMENADE

STRATHMORE WAY

RESERVE No.1

1401 1402 1403 1404 1405 1406 1407 1408 1409 1410 1411 1412 1413 1414 1415 1416 1441 1442 1443 1444 1445 1446 1447 1448 1449 1450 1451 1452 1453 1454 1455

CONTINUATION LINE

Rev	Amendments	Approved	Date
0	ISSUED FOR CONSTRUCTION	R.W.	10/06/21
D	NOTES ADDED, EASEMENT AMENDED	R.W.	04/06/21
C	DRAINAGE ALIGNMENT AMENDED, PITS & ROCK BEACHING ADDED	R.W.	20/05/21
B	AMENDMENTS AS PER COUNCIL COMMENTS	R.W.	06/05/21
A	ISSUED TO COUNCIL	R.W.	25/03/21

Scale: H 1:500 SCALE @ A1 (0 5 10 15 20 25)

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POTTER GEORGE TRIJENA

Designed K. AYRES
Checked J. KOEHLER
Authorised R. WILSON
Date 04/06/21

TRIJENA ESTATE STAGE 14

ROAD AND DRAINAGE

ROAD LAYOUT PLANS - FACE PLAN

HUME CITY COUNCIL
PGG (MICKLEHAM) PTY LTD

CONSTRUCTION

Drg No 304017CR200 Rev 0

File name 304017CR200.dwg layout name CR200 plotted by Kieran.Ayres
File location G:\304017CR\CAD\CIVIL\LEAD plot date 22/07/2021 4:28 PM Sheet 2 of 22 Sheets