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

4th September 2024

Our Reference: 24200:NB1989

Winslow Constructors Pty Ltd
50 Barry Road
CAMPBELLFIELD VIC 3061

Dear Sirs/Madams,

RE: LEVEL 1 EARTHWORKS INSPECTION AND TESTING
EYNESBURY – STAGE 15A (EYNESBURY)

Please find attached our Report No's 24200/R001 to 24200/R007 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 April 2024 and was completed in July 2024.

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).

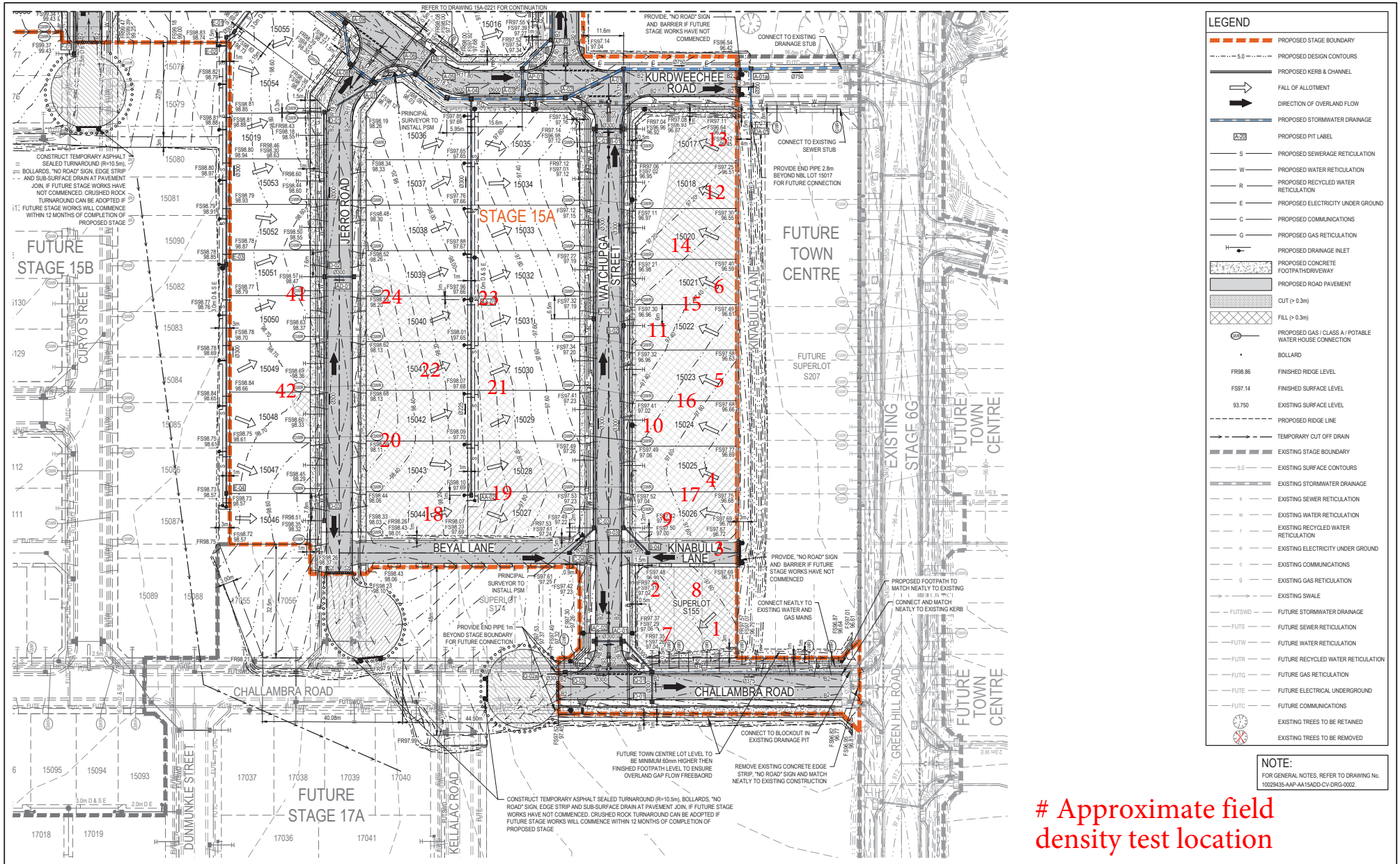
We are of the view that the bulk fill materials that have been placed across the reported allotments by Winslow Constructors during the aforementioned period can be considered as having been placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

Please contact the undersigned if you require any additional information.

Civil Geotechnical Services

Nick Brock

FIGURE 1 (1 of 2)



LEGEND

- PROPOSED STAGE BOUNDARY
- PROPOSED DESIGN CONTOURS
- PROPOSED KERB & CHANNEL
- FALL OF ALLOTMENT
- DIRECTION OF OVERLAND FLOW
- PROPOSED STORMWATER DRAINAGE
- PROPOSED PIT LABEL
- PROPOSED SEWERAGE RETICULATION
- PROPOSED WATER RETICULATION
- PROPOSED RECYCLED WATER RETICULATION
- PROPOSED ELECTRICITY UNDER GROUND
- PROPOSED COMMUNICATIONS
- PROPOSED GAS RETICULATION
- PROPOSED DRAINAGE INLET
- PROPOSED CONCRETE FOOTPATH/DRIVEWAY
- PROPOSED ROAD PAVEMENT
- CUT (> 0.3m)
- FILL (> 0.3m)
- PROPOSED GAS / CLASS A / POTABLE WATER HOUSE CONNECTION
- BOLLARD
- FINISHED RIDGE LEVEL
- FINISHED SURFACE LEVEL
- EXISTING SURFACE LEVEL
- PROPOSED RIDGE LINE
- TEMPORARY CUT OFF DRAIN
- EXISTING STAGE BOUNDARY
- EXISTING SURFACE CONTOURS
- EXISTING STORMWATER DRAINAGE
- EXISTING SEWER RETICULATION
- EXISTING WATER RETICULATION
- EXISTING RECYCLED WATER RETICULATION
- EXISTING ELECTRICITY UNDER GROUND
- EXISTING COMMUNICATIONS
- EXISTING GAS RETICULATION
- EXISTING SWALE
- FUTURE STORMWATER DRAINAGE
- FUTURE SEWER RETICULATION
- FUTURE WATER RETICULATION
- FUTURE RECYCLED WATER RETICULATION
- FUTURE GAS RETICULATION
- FUTURE ELECTRICAL UNDERGROUND
- FUTURE COMMUNICATIONS
- EXISTING TREES TO BE RETAINED
- EXISTING TREES TO BE REMOVED

NOTE:
FOR GENERAL NOTES, REFER TO DRAWING No. 10029435-AAP-AA15ADD-CV-DRG-0002.

Approximate field density test location

Issue	Description	DR	CH	VE	Date
A	ISSUED FOR CONSTRUCTION	RC	JR	AD	06.03.24
05	UPDATES AS PER COUNCIL COMMENTS	CM	JR	SE	11.09.23
04	UPDATES AS PER COUNCIL COMMENTS	CM	JR	SE	21.08.23
03	UPDATES PER DESIGN COORDINATION	CM	JR	SE	27.06.23
02	UPDATES TO LANEWAYS AND STORMWATER	GV	JR	SE	24.02.23
01	ISSUED FOR INFORMATION	WB	JR	SE	30.11.22

Scales: 1 : 500 (0 10 20 30 40 50m)

Planner: RobertsDay planning·design·place

Client: RESIMAX GROUP

Status: FOR CONSTRUCTION

Original Issue Signatures			
Drawn	W.BUMAGAT	Original Size	A1
Designed	K.REGLOS	Height Datum	AHD
Project Manager	A.DERAVI	Grid	MGA
Verified	J.ROCK		

Project: EYNESBURY TOWNSHIP STAGE 15A CITY OF MELTON

Title: ROADWORKS AND DRAINAGE LAYOUT PLAN SHEET 1

ARCADIS
Arcadis Australia Pacific Pty Limited
Level 18, Queen & Collins Tower
376-390 Collins Street
Melbourne VIC 3000 Australia
ABN 76 104 485 289
Tel No: +61 3 8623 4000
www.arcadis.com

Project No.	Originator	Zone/Stage	Phase	Discipline	Type	Drawing No.	Issue
10029435	AAP	AA15AFL	CV	DRG	0220		A

100mm on Original

Date Plotted: 6 Mar 2024 - 01:57pm File Name: C:\Users\cresenci5872\DC\ACCDocs\Arcadis\A-AU-10029435-Eynesbury Estate\Project Files\01_WORK IN PROGRESS\01_Civil_CV\Stage15A\Drawings\10029435-AAP-AA15ADD-CV-DRG-0220-Roadworks.dwg V1

FIGURE 1 (2 of 2)

ROAD LAYOUT TABLE									
ROAD NAME	ROAD CLASSIFICATION	RESERVE WIDTH (m)	ROAD WIDTH			KERB TYPE		VERGE WIDTH (m)	
			LIP TO LIP	INV TO INV	BACK TO BACK	NTH/WEST	STH/EAST	NTH/WEST	STH/EAST
CHALLAMBRA ROAD	AS1	16.00	6.40	7.30	7.60	B2	B2	4.50	3.90
KURDWEECHEE ROAD	AS1	16.00	6.40	7.30	7.60	B2	B2	3.90	4.50
KURDWEECHEE ROAD (LOT 15017)	AS1	16.00	6.40	7.30	7.60	B2	B2	3.90	4.50
JERRO ROAD	AS1	16.00	6.40	7.30	7.60	B2	B2	4.50	3.90
CURYO STREET	AS1	16.00	6.40	7.30	7.60	B2	B2	3.90	4.50
WATCHUPGA STREET	AS1	16.00	6.40	7.30	7.60	B2	B2	4.50	3.90
BRIM CRESCENT (LOT 15016)	AS1	14.50	6.40	7.30	7.60	B2	B2	5.70	1.20
BRIM CRESCENT (LOT 15010)	AS1	16.00	6.40	7.30	7.60	B2	B2	4.50	3.90
BATCHICA STREET	AS1	16.00	6.40	7.30	7.60	B2	B2	4.50	3.90
BEYAL LANE	AL	8.00	6.00	-	-	-	-	-	-
KINABULLA LANE	AL	8.00	6.00	-	-	-	-	-	-

SERVICES OFFSET TABLE										
ROAD NAME	GAS		WATER		RECYCLED WATER		ELECTRICITY		COMMUNICATIONS	
	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)
CHALLAMBRA ROAD	NORTH	2.10	NORTH	3.10	NORTH	2.60	SOUTH	2.30	SOUTH	1.80
KURDWEECHEE ROAD	SOUTH	2.10	SOUTH	3.10	SOUTH	2.60	NORTH	2.30	NORTH	1.80
KURDWEECHEE ROAD (LOT 15017)	SOUTH	2.10	SOUTH	3.10	SOUTH	2.60	NORTH	2.30	NORTH	1.80
JERRO ROAD	WEST	2.10	WEST	3.10	WEST	2.60	EAST	2.30	EAST	1.80
CURYO STREET	EAST	2.10	EAST	3.10	EAST	2.60	WEST	2.30	WEST	1.80
WATCHUPGA STREET	WEST	2.10	WEST	3.10	WEST	2.60	EAST	2.30	EAST	1.80
BRIM CRESCENT (LOT 15016)	WEST	2.35	WEST	3.25	WEST	2.80	WEST	4.15	WEST	1.85
BRIM CRESCENT (LOT 15010)	WEST	2.10	WEST	3.10	WEST	2.60	EAST	2.30	EAST	1.80
BATCHICA STREET	WEST	2.10	WEST	3.10	WEST	2.60	EAST	2.30	EAST	1.80
BEYAL LANE	-	-	-	-	-	-	NORTH	0.50	-	-
KINABULLA LANE	-	-	-	-	-	-	NORTH	0.50	-	-

LEGEND

- EXISTING SWALE
- FUTSWD — FUTURE STORMWATER DRAINAGE
- FUTS — FUTURE SEWER RETICULATION
- FUTW — FUTURE WATER RETICULATION
- FUTR — FUTURE RECYCLED WATER RETICULATION
- FUTG — FUTURE GAS RETICULATION
- FUTE — FUTURE ELECTRICAL UNDERGROUND
- FUTC — FUTURE COMMUNICATIONS
- EXISTING TREES TO BE RETAINED
- EXISTING TREES TO BE REMOVED

NOTE:
FOR GENERAL NOTES, REFER TO DRAWING No. 10029435-AAP-AA15ADD-CV-DRG-0002.

LEGEND

- PROPOSED STAGE BOUNDARY
- 5.0 — PROPOSED DESIGN CONTOURS
- PROPOSED KERB & CHANNEL
- FALL OF ALLOTMENT
- DIRECTION OF OVERLAND FLOW
- PROPOSED STORMWATER DRAINAGE
- A-29 — PROPOSED PIT LABEL
- S — PROPOSED SEWERAGE RETICULATION
- W — PROPOSED WATER RETICULATION
- R — PROPOSED RECYCLED WATER RETICULATION
- E — PROPOSED ELECTRICITY UNDER GROUND
- C — PROPOSED COMMUNICATIONS
- G — PROPOSED GAS RETICULATION
- PROPOSED DRAINAGE INLET
- PROPOSED CONCRETE FOOTPATH/DRIVEWAY
- PROPOSED ROAD PAVEMENT
- CUT (> 0.3m)
- FILL (> 0.3m)
- PROPOSED GAS / CLASS A / POTABLE WATER HOUSE CONNECTION
- BOLLARD
- FR98.86 — FINISHED RIDGE LEVEL
- FS97.14 — FINISHED SURFACE LEVEL
- 93.750 — EXISTING SURFACE LEVEL
- PROPOSED RIDGE LINE
- TEMPORARY CUT OFF DRAIN
- EXISTING STAGE BOUNDARY
- 5.0 — EXISTING SURFACE CONTOURS
- EXISTING STORMWATER DRAINAGE
- S — EXISTING SEWER RETICULATION
- W — EXISTING WATER RETICULATION
- R — EXISTING RECYCLED WATER RETICULATION
- E — EXISTING ELECTRICITY UNDER GROUND
- C — EXISTING COMMUNICATIONS
- G — EXISTING GAS RETICULATION

CONSTRUCT TEMPORARY ASPHALT SEALED TURNAROUND (R=10.5m), BOLLARDS, "NO ROAD" SIGN, EDGE STRIP AND SUB-SURFACE DRAIN AT PAVEMENT JOIN, IF FUTURE STAGE WORKS HAVE NOT COMMENCED. CRUSHED ROCK TURNAROUND CAN BE ADOPTED IF FUTURE STAGE WORKS WILL COMMENCE WITHIN 12 MONTHS OF COMPLETION OF PROPOSED STAGE

PROVIDE END PIPE 1m BEYOND STAGE BOUNDARY FOR FUTURE CONNECTION AND BLANK OFF END

PROVIDE 1m SEWER STUB FOR FUTURE CONNECTION

PROVIDE 300Ø BLOCKOUT AT IL98.973 IN NORTH WALL OF PIT FOR FUTURE CONNECTION

PROPOSED ELECTRICAL KIOSK TO HAVE 1.8m HIGH TIMBER FENCE WITH RAILING FACING INWARDS.

PROVIDE 525Ø BLOCKOUT AT IL94.814 IN NORTH WALL OF PIT FOR FUTURE CONNECTION

PRINCIPAL SURVEYOR TO INSTALL PSM

SPEEDHUMP TO BE INSTALLED AS PER DETAIL ON DRG-0280

WATER AND GAS TO CROSS OVER DRAINAGE, ELECTRICAL AND COMMUNICATIONS

PROVIDE, "NO ROAD" SIGN AND BARRIER IF FUTURE STAGE WORKS HAVE NOT COMMENCED

REFER TO DRAWING 15A-0220 FOR CONTINUATION

FUTURE STAGE 15C

FUTURE STAGE 15D

FUTURE STAGE 15E

FUTURE STAGE 15B

STAGE 15A

KURDWEECHEE ROAD

BATCHICA STREET

BRIM CRESCENT

CURYO STREET

JERRO ROAD

WATCHUPGA STREET

CRYMELON STREET

SUPERLOT S169

SUPERLOT S170

RESERVE No.139

RESERVE No.140

RESERVE No.141

Approximate field density test location

A	ISSUED FOR CONSTRUCTION	RC	JR	AD	06.03.24
04	UPDATES AS PER COUNCIL COMMENTS	CM	JR	SE	11.09.23
03	UPDATES AS PER COUNCIL COMMENTS	CM	JR	SE	21.08.23
02	UPDATES TO LANEWAYS AND STORMWATER	GV	JR	SE	24.02.23
01	ISSUED FOR INFORMATION	WB	JR	SE	30.11.22
Issue	Description	DR	CH	VE	Date

100mm on Original

Scales: 0 10 20 30 40 50m — 1 : 500

Planner: RobertsDay planning·design·place

Client: RESIMAX GROUP

Status: FOR CONSTRUCTION

Original Issue Signatures			
Drawn	W.BUMAGAT	Original Size	A1
Designed	K.REGLOS	Height Datum	AHD
Project Manager	A.DERAVI	Grid	MGA
Verified	J.ROCK		

Project: EYNESBURY TOWNSHIP STAGE 15A CITY OF MELTON

Title: ROADWORKS AND DRAINAGE LAYOUT PLAN SHEET 2

ARCADIS
Arcadis Australia Pacific Pty Limited
Level 18, Queen & Collins Tower
376-390 Collins Street
Melbourne VIC 3000 Australia
ABN 76 104 485 289
Tel No: +61 3 8623 4000
www.arcadis.com

Project No.	Originator	Zone	Stage	Phase	Discipline	Type	Drawing No.	Issue
10029435	AAP	AA15AFL	CV	DRG	0221	A		

Date Plotted: 23 Feb 2024 - 04:54pm File Name: C:\Users\cresencr5872\DC\ACCDocs\Arcadis\A-AU-10029435-Eynesbury Estate\Project Files\01_WORK IN PROGRESS\01_Civil_CV\Stage15A\Drawings\10029435-AAP-AA15ADD-CV-DRG-0221-Roadworks.dwg V1

COMPACTION ASSESSMENT

CIVIL GEOTECHNICAL SERVICES

6 - 8 Rose Avenue, Croydon 3136

		Job No	24200
		Report No	24200/R001
		Date Issued	01/05/24
Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	*Tested by*	BS
Project	EYNESBURY - STAGE 15A	*Date tested*	12/04/24
Location	EYNESBURY	*Checked by*	JHF

Feature **EARTHWORKS** *Layer thickness* 200 mm *Time:* 12:11

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	175
Field wet density	*t/m³*	1.94	1.93	1.97	1.91	1.98	1.92
Field moisture content	*%*	22.1	23.7	21.9	19.0	18.4	19.2

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	19.0
Percent of oversize material	*wet*	0	0	0	0	0	0
Peak Converted Wet Density	*t/m³*	2.00	2.02	1.97	1.93	1.98	1.94
Adjusted Peak Converted Wet Density	*t/m³*	-	-	-	-	-	-
Optimum Moisture Content	*%*	24.0	26.0	23.0	20.5	20.5	21.0

Moisture Variation From Optimum Moisture Content		2.0% dry	2.5% dry	1.0% dry	1.5% dry	2.0% dry	2.0% 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})	*%*	**97.5**	**95.5**	**100.0**	**99.0**	**100.5**	**99.0**

Material description

No 1 - 6 Clay Fill

AVRLOT HILF V1.10 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	24200
		Report No	24200/R002
		Date Issued	22/05/24
Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	*Tested by*	BS
Project	EYNESBURY - STAGE 15A	*Date tested*	15/04/24
Location	EYNESBURY	*Checked by*	JHF

Feature **EARTHWORKS** *Layer thickness* 200 mm *Time:* 12:22

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*	1.91	1.85	1.85	1.92	1.98	1.92
Field moisture content	*%*	19.5	18.8	18.9	19.2	21.6	23.5

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*	1.96	1.87	1.88	1.95	2.02	1.94
Adjusted Peak Converted Wet Density	*t/m³*	-	-	-	-	-	-
Optimum Moisture Content	*%*	21.5	21.0	21.0	21.5	23.5	26.0

Moisture Variation From Optimum Moisture Content		2.0% dry	2.0% dry	2.5% dry	2.5% dry	1.5% 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})	*%*	**97.5**	**98.5**	**98.5**	**98.0**	**98.0**	**99.0**

Material description

No 7 - 12 Clay Fill

Approved Signatory : Justin Fry

COMPACTION ASSESSMENT

CIVIL GEOTECHNICAL SERVICES

6 - 8 Rose Avenue, Croydon 3136

		Job No	24200
		Report No	24200/R003
		Date Issued	01/05/24
Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	*Tested by*	BS
Project	EYNESBURY - STAGE 15A	*Date tested*	17/04/24
Location	EYNESBURY	*Checked by*	JHF

Feature **EARTHWORKS** *Layer thickness* 200 mm *Time:* 14:44

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	175
Field wet density	*t/m³*	2.07	2.04	2.05	1.83	1.85	1.90
Field moisture content	*%*	27.4	28.2	25.4	27.2	26.5	27.2

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	19.0
Percent of oversize material	*wet*	0	0	0	0	0	0
Peak Converted Wet Density	*t/m³*	2.07	2.05	2.05	1.85	1.88	1.94
Adjusted Peak Converted Wet Density	*t/m³*	-	-	-	-	-	-
Optimum Moisture Content	*%*	29.5	31.0	28.0	27.5	28.5	30.0

Moisture Variation From Optimum Moisture Content		2.0% dry	2.0% dry	2.0% dry	0.5% 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})	*%*	**100.0**	**99.5**	**99.5**	**98.5**	**98.5**	**98.0**

Material description

No 13 - 18 Clay Fill

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	24200
		Report No	24200/R004
		Date Issued	01/05/24
Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	*Tested by*	BS
Project	EYNESBURY - STAGE 15A	*Date tested*	22/04/24
Location	EYNESBURY	*Checked by*	JHF

Feature **EARTHWORKS** *Layer thickness* 200 mm *Time:* 13:29

Test procedure AS 1289.2.1.1 & 5.8.1

Test No		**19**	**20**	**21**	**22**	**23**	**24**
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*	1.91	1.87	1.81	1.81	1.81	1.83
Field moisture content	*%*	24.1	21.9	23.2	20.7	21.7	23.5

Test procedure AS 1289.5.7.1

Test No		19	20	21	22	23	24
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*	1.93	1.90	1.84	1.84	1.85	1.83
Adjusted Peak Converted Wet Density	*t/m³*	-	-	-	-	-	-
Optimum Moisture Content	*%*	23.5	24.0	25.5	23.0	23.0	26.0

Moisture Variation From Optimum Moisture Content		0.5% wet	2.0% dry	2.5% dry	2.5% dry	1.5% 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})	*%*	**99.0**	**98.5**	**98.5**	**98.5**	**98.0**	**100.0**

Material description

No 19 - 24 Clay Fill

Approved Signatory : Justin Fry

COMPACTION ASSESSMENT

CIVIL GEOTECHNICAL SERVICES
6 - 8 Rose Avenue, Croydon 3136

		Job No	24200
		Report No	24200/R005
		Date Issued	14/05/24
Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	*Tested by*	BS
Project	EYNESBURY - STAGE 15A	*Date tested*	30/04/24
Location	EYNESBURY	*Checked by*	JHF

Feature	**EARTHWORKS**	*Layer thickness*	200 mm	*Time:*	11:27

Test procedure AS 1289.2.1.1 & 5.8.1

Test No		**25**	**26**	**27**	**28**	**29**	**30**
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*	1.90	1.90	1.94	1.89	1.87	1.89
Field moisture content	*%*	25.3	20.4	24.4	27.3	27.0	26.6

Test procedure AS 1289.5.7.1

Test No		25	26	27	28	29	30
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*	1.91	1.92	1.97	1.96	1.92	1.91
Adjusted Peak Converted Wet Density	*t/m³*	-	-	-	-	-	-
Optimum Moisture Content	*%*	27.5	23.0	27.0	30.0	29.0	29.0

Moisture Variation From Optimum Moisture Content		2.0% dry	2.5% dry	2.0% 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})	*%*	**99.5**	**99.0**	**98.0**	**96.5**	**97.5**	**99.0**

Material description

No 25 - 30 Clay Fill

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	24200
		Report No	24200/R006
		Date Issued	22/05/24
Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	Tested by	BS
Project	EYNESBURY - STAGE 15A	Date tested	01/05/24
Location	EYNESBURY	Checked by	JHF

Feature **EARTHWORKS** *Layer thickness* 200 mm *Time:* 11:39

Test procedure AS 1289.2.1.1 & 5.8.1

Test No		**31**	**32**	**33**	**34**	**35**	**36**
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*	1.81	1.92	1.95	1.94	1.95	1.90
Field moisture content	*%*	21.7	21.8	22.1	24.7	20.3	21.3

Test procedure AS 1289.5.7.1

Test No		31	32	33	34	35	36
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*	1.90	1.96	1.98	1.99	1.99	1.95
Adjusted Peak Converted Wet Density	*t/m³*	-	-	-	-	-	-
Optimum Moisture Content	*%*	22.0	24.5	24.5	26.5	22.5	24.0

Moisture Variation From Optimum Moisture Content		0.5% dry	2.5% dry	2.0% dry	1.5% 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})	*%*	**95.5**	**98.0**	**98.5**	**97.5**	**98.0**	**98.0**

Material description

No 31 - 36 Clay Fill

Approved Signatory : Justin Fry

COMPACTION ASSESSMENT

CIVIL GEOTECHNICAL SERVICES
6 - 8 Rose Avenue, Croydon 3136

		Job No	24200
		Report No	24200/R007
		Date Issued	26/07/24
Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	Tested by	BS
Project	EYNESBURY - STAGE 15A	Date tested	24/07/24
Location	EYNESBURY	Checked by	JHF

Feature	**EARTHWORKS**	*Layer thickness*	200 mm	*Time:*	13:53

Test procedure AS 1289.2.1.1 & 5.8.1

Test No		**37**	**38**	**39**	**40**	**41**	**42**
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*	1.77	1.72	1.75	1.86	1.78	1.83
Field moisture content	*%*	19.8	17.5	19.4	20.3	21.7	16.9

Test procedure AS 1289.5.7.1

Test No		37	38	39	40	41	42
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*	1.87	1.81	1.84	1.93	1.78	1.92
Adjusted Peak Converted Wet Density	*t/m³*	-	-	-	-	-	-
Optimum Moisture Content	*%*	20.0	19.5	19.0	22.5	21.5	19.0

Moisture Variation From Optimum Moisture Content	0.0%	2.0% dry	0.5% wet	2.5% dry	0.5% wet	2.0% 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})	*%*	**95.0**	**95.0**	**95.0**	**96.5**	**100.0**	**95.5**

Material description

No 37 - 42 Clay Fill

Approved Signatory : Justin Fry