



COMPACTION ASSESSMENT

CIVIL GEOTECHNICAL SERVICES

6 - 8 Rose Avenue, Croydon, Vic 3136

Job No 21531
 Report No 21531/R001
 Date Issued 27/07/2021

Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	Tested by	BGG
Project	CORNERSTONE - STAGE 18	Date tested	27/07/21
Location	WYNDHAM VALE	Checked by	JHF

Feature	CONSTRUCTION LAYER	Layer thickness	150 mm	Time:	09:35:20
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AS 12892.1.1 & 5.8.1

Test No	1	2	3	4	5	6
Location	Shale Road					Benson Drive
Chainage	10	60	110	160	210	10
Offset	1.8	1.8	1.8	1.8	1.8	1.8
	east	west	east	west	east	west
	of kerb	of kerb	of kerb	of kerb	of kerb	of kerb
Approximate depth from F.S.L.	m					
Measurement depth	mm	125	125	125	125	125
Field wet density	t/m ³	2.27	2.27	2.27	2.27	2.26
Field dry density	t/m ³	2.02	2.01	2.04	2.05	2.01
Field moisture content	%	12.5	12.5	11.0	10.5	11.0

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

Date of assignment	14/07/2021
Material source and location	40mm Capping - MVQ, Wyndham Vale
Compactive effort	STANDARD
Maximum Dry Density	t/m ³ 2.02
Optimum Moisture Content	%

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/m ³	-	-	-	-	-	-
Adjusted Optimum Moisture Content	%	-	-	-	-	-	-

Moisture Variation From Optimum Moisture Content	0.5%	0.5%	1.0%	1.0%	0.5%	1.0%
	wet	wet	dry	dry	dry	wet

Moisture Ratio (R_m)	%	104.5	106.0	92.0	90.5	94.5	108.0
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Density Ratio (R_D)	%	100.0	100.0	101.5	101.5	101.5	99.5
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COMPACTION ASSESSMENT

CIVIL GEOTECHNICAL SERVICES

6 - 8 Rose Avenue, Croydon, Vic 3136

Job No 21531
 Report No 21531/R002
 Date Issued 27/07/2021

Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	Tested by	BGG
Project	CORNERSTONE - STAGE 18	Date tested	27/07/21
Location	WYNDHAM VALE	Checked by	JHF

Feature	CONSTRUCTION LAYER	Layer thickness	150 mm	Time:	10:39:43
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AS 12892.1.1 & 5.8.1

Test No	7	8	9	10	11	12
Location	Uxbridge Street					Benson Drive
Chainage	30	80	130	180	230	60
Offset	1.8 north of kerb	1.8 south of kerb	1.8 north of kerb	1.8 south of kerb	1.8 north of kerb	1.8 west of kerb
Approximate depth from F.S.L.	m					
Measurement depth	mm					
Field wet density	t/m ³					
Field dry density	t/m ³					
Field moisture content	%					

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

Date of assignment	14/07/2021
Material source and location	40mm Capping - MVQ, Wyndham Vale
Compactive effort	STANDARD
Maximum Dry Density	t/m ³
Optimum Moisture Content	%

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/m ³	-	-	-	-	-	-
Adjusted Optimum Moisture Content	%	-	-	-	-	-	-

Moisture Variation From Optimum Moisture Content	1.0% wet	1.0% wet	1.5% wet	1.0% wet	1.0% wet	1.5% wet
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Moisture Ratio (R_m)	%	107.0	108.5	111.0	109.5	110.0	113.5
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Density Ratio (R_D)	%	100.5	100.5	100.0	100.5	100.5	100.0
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COMPACTION ASSESSMENT

CIVIL GEOTECHNICAL SERVICES

6 - 8 Rose Avenue, Croydon, Vic 3136

Job No 21531
Report No 21531/R003
Date Issued 27/07/2021

Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	Tested by	BGG
Project	CORNERSTONE - STAGE 18	Date tested	27/07/21
Location	WYNDHAM VALE	Checked by	JHF

Feature	DRAINAGE	Layer thickness	200 mm	Time:	11:03:45
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AS 12892.1.1 & 5.8.1

Test No		13	14	15	16	17	18
Location							
	Pit	106 - 2	107 - 114	108 - 115	111 - 118	127 - 122	122 - 128
Approximate depth from F.S.L.	m						
Measurement depth	mm	175	175	175	175	175	175
Field wet density	t/m ³	2.44	2.44	2.41	2.41	2.41	2.41
Field dry density	t/m ³	2.29	2.28	2.27	2.27	2.27	2.27
Field moisture content	%	6.5	6.5	6.0	6.0	6.0	6.5

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

Date of assignment		12/07/2021
Material source and location		20mm Class 3 - MVQ, Wyndham Vale
Compactive effort		MODIFIED
Maximum Dry Density	t/m ³	2.32
Optimum Moisture Content	%	7.5

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/m ³	-	-	-	-	-	-
Adjusted Optimum Moisture Content	%	-	-	-	-	-	-

Moisture Variation From Optimum Moisture Content		1.0% dry	1.0% dry	1.5% dry	1.5% dry	1.5% dry	1.0% dry
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Moisture Ratio (R_m)	%	87.0	89.0	82.5	80.5	81.5	86.0
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Density Ratio (R_D)	%	99.0	98.5	98.0	98.0	98.0	98.0
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COMPACTION ASSESSMENT

CIVIL GEOTECHNICAL SERVICES

6 - 8 Rose Avenue, Croydon, Vic 3136

Job No 21531
Report No 21531/R004
Date Issued 27/07/2021

Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	Tested by	BGG
Project	CORNERSTONE - STAGE 18	Date tested	27/07/21
Location	WYNDHAM VALE	Checked by	JHF

Feature	DRAINAGE	Layer thickness	200 mm	Time:	11:43:22
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AS 12892.1.1 & 5.8.1

Test No		19	20	21			
Location							
	Pit	128 - 129	123 - 130	124 - 131			
Approximate depth from F.S.L.	m						
Measurement depth	mm	175	175	175			
Field wet density	t/m ³	2.42	2.42	2.43			
Field dry density	t/m ³	2.29	2.28	2.31			
Field moisture content	%	6.0	6.5	5.5			

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

Date of assignment		12/07/2021
Material source and location		20mm Class 3 - MVQ, Wyndham Vale
Compactive effort		MODIFIED
Maximum Dry Density	t/m ³	2.32
Optimum Moisture Content	%	7.5

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/m ³	-	-	-			
Adjusted Optimum Moisture Content	%	-	-	-			

Moisture Variation From Optimum Moisture Content		1.5% dry	1.0% dry	2.0% dry			
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Moisture Ratio (R_m)	%	77.0	84.5	71.0			
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Density Ratio (R_D)	%	98.5	98.5	99.5			
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COMPACTION ASSESSMENT

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

Job No 21531
Report No 21531/R005
Date Issued 14/08/2021

Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	Tested by	BS
Project	CORNERSTONE - STAGE 18	Date tested	13/08/21
Location	WYNDHAM VALE	Checked by	JHF

Feature	CAPPING	Layer thickness	150 mm	Time:	15:08:58
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AS 12892.1.1 & 5.8.1

Test No	22	23	24	25	26	27
Location	Benson Drive				Shale Road	
Chainage	30	80	130	170	30	80
Offset	2.1	1.9	1.7	1.8	1.9	1.8
	east	west	east	west	west	east
	of kerb	of kerb	of kerb	of kerb	of kerb	of kerb
Approximate depth from F.S.L.	m					
Measurement depth	mm	125	125	125	125	125
Field wet density	t/m ³	2.29	2.29	2.28	2.29	2.28
Field dry density	t/m ³	2.00	2.01	2.00	2.02	2.01
Field moisture content	%	14.0	14.0	14.5	13.5	13.5

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

Date of assignment	14/07/2021
Material source and location	40mm Capping - MVQ, Wyndham Vale
Compactive effort	STANDARD
Maximum Dry Density	t/m ³ 2.02
Optimum Moisture Content	%

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/m ³	-	-	-	-	-	-
Adjusted Optimum Moisture Content	%	-	-	-	-	-	-

Moisture Variation From Optimum Moisture Content	2.5%	2.5%	2.5%	1.5%	2.0%	1.5%
	wet	wet	wet	wet	wet	wet

Moisture Ratio (R_m)	%	119.5	120.5	121.5	114.5	116.0	113.5
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Density Ratio (R_D)	%	99.5	99.5	99.0	100.0	99.5	100.0
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COMPACTION ASSESSMENT

CIVIL GEOTECHNICAL SERVICES

6 - 8 Rose Avenue, Croydon, Vic 3136

Job No 21531
 Report No 21531/R006
 Date Issued 14/08/2021

Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	Tested by	BS
Project	CORNERSTONE - STAGE 18	Date tested	13/08/21
Location	WYNDHAM VALE	Checked by	JHF

Feature	CAPPING	Layer thickness	150 mm	Time:	15:15:40
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AS 12892.1.1 & 5.8.1

Test No	28	29	30	31	32	
Location	Shale Road		Uxbridge Street			
Chainage	130	170	120	170	220	
Offset	2.0	1.9	1.7	2.1	1.8	
	east	west	north	south	north	
	of kerb	of kerb	of kerb	of kerb	of kerb	
Approximate depth from F.S.L.	m					
Measurement depth	mm	125	125	125	125	125
Field wet density	t/m ³	2.30	2.26	2.29	2.29	2.30
Field dry density	t/m ³	2.04	2.00	2.03	2.03	2.02
Field moisture content	%	12.5	12.5	12.5	12.5	13.5

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

Date of assignment	14/07/2021
Material source and location	40mm Capping - MVQ, Wyndham Vale
Compactive effort	STANDARD
Maximum Dry Density	t/m ³ 2.02
Optimum Moisture Content	%

Test procedure AS 1289.5.4.1

Oversize rock retained on sieve	mm	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/m ³	-	-	-	-	-
Adjusted Optimum Moisture Content	%	-	-	-	-	-

Moisture Variation From Optimum Moisture Content	1.0%	1.0%	1.0%	0.5%	2.0%	
	wet	wet	wet	wet	wet	

Moisture Ratio (R_m)	%	108.5	108.5	107.5	106.5	115.5
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Density Ratio (R_D)	%	101.0	99.5	101.0	101.0	100.0
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COMPACTION ASSESSMENT

CIVIL GEOTECHNICAL SERVICES

6 - 8 Rose Avenue, Croydon, Vic 3136

Job No 21531
Report No 21531/R007
Date Issued 14/08/2021

Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	Tested by	BS
Project	CORNERSTONE - STAGE 18	Date tested	13/08/21
Location	WYNDHAM VALE	Checked by	JHF

Feature	CAPPING	Layer thickness	150 mm	Time:	15:20:30
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AS 12892.1.1 & 5.8.1

Test No		33	34	35			
Location		Benson Drive					
	Chainage	100	150	200			
	Offset	1.8	2.1	2.0			
		east	west	east			
		of kerb	of kerb	of kerb			
Approximate depth from F.S.L.	m						
Measurement depth	mm	125	125	125			
Field wet density	t/m ³	2.24	2.25	2.29			
Field dry density	t/m ³	1.98	1.99	2.03			
Field moisture content	%	13.0	13.0	12.5			

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

Date of assignment		14/07/2021
Material source and location		40mm Capping - MVQ, Wyndham Vale
Compactive effort		STANDARD
Maximum Dry Density	t/m ³	2.02
Optimum Moisture Content	%	12.0

Test procedure AS 1289.5.4.1

Oversize rock retained on sieve	mm	37.5	37.5	37.5			
Percent of oversize material	wet	-	-	-			
Percent of oversize material	dry	-	-	-			
Adjusted Maximum Dry Density	t/m ³	-	-	-			
Adjusted Optimum Moisture Content	%	-	-	-			

Moisture Variation From Optimum Moisture Content		1.5% wet	1.0% wet	1.0% wet			
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Moisture Ratio (R_m)	%	112.0	109.5	107.0			
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Density Ratio (R_D)	%	98.5	99.0	101.0			
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COMPACTION ASSESSMENT

CIVIL GEOTECHNICAL SERVICES

6 - 8 Rose Avenue, Croydon, Vic 3136

Job No 21531
Report No 21531/R008
Date Issued 21/08/2021

Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	Tested by	BGG
Project	CORNERSTONE - STAGE 18	Date tested	19/08/21
Location	WYNDHAM VALE	Checked by	JHF

Feature	CLASS 3 (1st Layer)	Layer thickness	140 mm	Time:	09:12:49
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AS 12892.1.1 & 5.8.1

Test No	36	37	38	39	40	41
Location	Benson Drive				Uxbridge Street	
Chainage	50	100	150	200	40	110
Offset	1.8	1.8	1.8	1.8	1.8	1.8
	east	west	east	west	north	south
	of kerb	of kerb	of kerb	of kerb	of kerb	of kerb
Approximate depth from F.S.L.	m					
Measurement depth	mm	125	125	125	125	125
Field wet density	t/m ³	2.40	2.41	2.39	2.42	2.40
Field dry density	t/m ³	2.28	2.28	2.28	2.28	2.27
Field moisture content	%	5.0	5.5	4.5	6.0	5.5

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

Date of assignment	12/07/2021
Material source and location	20mm Class 3 - MVQ, Wyndham Vale
Compactive effort	MODIFIED
Maximum Dry Density	t/m ³ 2.32
Optimum Moisture Content	% 7.5

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/m ³	-	-	-	-	-	-
Adjusted Optimum Moisture Content	%	-	-	-	-	-	-

Moisture Variation From Optimum Moisture Content	2.5% dry	2.0% dry	3.0% dry	1.5% dry	2.5% dry	1.5% dry
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Moisture Ratio (R_m)	%	68.5	76.0	63.0	82.0	70.0	77.0
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Density Ratio (R_D)	%	98.5	98.5	98.5	98.5	98.5	98.0
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Approved Signatory : Justin Fry



COMPACTION ASSESSMENT

CIVIL GEOTECHNICAL SERVICES

6 - 8 Rose Avenue, Croydon, Vic 3136

Job No 21531
 Report No 21531/R009
 Date Issued 21/08/2021

Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	Tested by	BGG
Project	CORNERSTONE - STAGE 18	Date tested	20/08/21
Location	WYNDHAM VALE	Checked by	JHF

Feature	CLASS 3 (2nd Layer)	Layer thickness	150 mm	Time:	08:22:47
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AS 12892.1.1 & 5.8.1

Test No	42	43	44	45	46	47
Location	Benson Drive				Uxbridge Street	
Chainage	40	90	140	190	125	175
Offset	1.8	1.8	1.8	1.8	1.8	1.8
	east of kerb	west of kerb	east of kerb	west of kerb	north of kerb	south of kerb
Approximate depth from F.S.L.	m					
Measurement depth	mm	125	125	125	125	125
Field wet density	t/m ³	2.39	2.39	2.40	2.39	2.40
Field dry density	t/m ³	2.27	2.28	2.29	2.27	2.28
Field moisture content	%	5.0	5.0	5.0	5.5	5.0

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

Date of assignment	12/07/2021
Material source and location	20mm Class 3 - MVQ, Wyndham Vale
Compactive effort	MODIFIED
Maximum Dry Density	t/m ³ 2.32
Optimum Moisture Content	%

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/m ³	-	-	-	-	-	-
Adjusted Optimum Moisture Content	%	-	-	-	-	-	-

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

Moisture Ratio (R_m)	%	69.0	66.0	67.5	72.0	64.5	66.5
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Density Ratio (R_D)	%	98.0	98.5	98.5	98.0	99.0	98.5
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NATA Accredited Laboratory No 9909
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Approved Signatory : Justin Fry



COMPACTION ASSESSMENT

CIVIL GEOTECHNICAL SERVICES

6 - 8 Rose Avenue, Croydon, Vic 3136

Job No 21531
 Report No 21531/R010
 Date Issued 21/08/2021

Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	Tested by	BGG
Project	CORNERSTONE - STAGE 18	Date tested	20/08/21
Location	WYNDHAM VALE	Checked by	JHF

Feature	CLASS 3	Layer thickness	150 / 180 mm	Time:	09:26:19
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AS 12892.1.1 & 5.8.1

Test No	48	49	50	51	52	
Location	Uxbridge Street	Shale Road				
Chainage	225	175	40	90	140	
Offset	1.8	1.8	1.8	1.8	1.8	
	north of kerb	east of kerb	west of kerb	east of kerb	west of kerb	
Approximate depth from F.S.L.	m					
Measurement depth	mm	125	150	150	150	
Field wet density	t/m ³	2.43	2.43	2.43	2.40	2.41
Field dry density	t/m ³	2.30	2.30	2.30	2.28	2.29
Field moisture content	%	5.5	5.5	5.5	5.5	5.5

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

Date of assignment	12/07/2021
Material source and location	20mm Class 3 - MVQ, Wyndham Vale
Compactive effort	MODIFIED
Maximum Dry Density	t/m ³ 2.32
Optimum Moisture Content	% 7.5

Test procedure AS 1289.5.4.1

Oversize rock retained on sieve	mm	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/m ³	-	-	-	-	-
Adjusted Optimum Moisture Content	%	-	-	-	-	-

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

Moisture Ratio (R_m)	%	72.0	74.0	76.0	70.0	74.5
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Density Ratio (R_D)	%	99.5	99.5	99.5	98.5	99.0
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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 21531
 Report No 21531/R011
 Date Issued 06/09/2021

Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	Tested by	BGG
Project	CORNERSTONE - STAGE 18	Date tested	06/09/21
Location	WYNDHAM VALE	Checked by	JHF

Feature	CLASS 2	Layer thickness	130 mm	Time:	09:38:10
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AS 12892.1.1 & 5.8.1

Test No	53	54	55	56	57	58
Location	Benson Drive				Uxbirdge Street	
Chainage	40	90	140	190	120	170
Offset	1.8	1.8	1.8	1.8	1.8	1.8
	east of kerb	west of kerb	east of kerb	west of kerb	north of kerb	south of kerb
Approximate depth from F.S.L.	m					
Measurement depth	mm	125	125	125	125	125
Field wet density	t/m ³	2.40	2.41	2.40	2.40	2.41
Field dry density	t/m ³	2.27	2.27	2.26	2.26	2.26
Field moisture content	%	6.0	6.0	6.5	6.0	6.5

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

Date of assignment	21/08/2021
Material source and location	20mm Class 2 - MVQ, Wyndham Vale
Compactive effort	MODIFIED
Maximum Dry Density	t/m ³ 2.31
Optimum Moisture Content	%

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/m ³	-	-	-	-	-	-
Adjusted Optimum Moisture Content	%	-	-	-	-	-	-

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

Moisture Ratio (R_m)	%	77.0	80.0	82.0	79.0	80.0	84.0
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Density Ratio (R_D)	%	98.5	98.0	98.0	98.0	98.0	98.0
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6 - 8 Rose Avenue, Croydon, Vic 3136

Job No 21531
 Report No 21531/R012
 Date Issued 06/09/2021

Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	Tested by	BGG
Project	CORNERSTONE - STAGE 18	Date tested	06/09/21
Location	WYNDHAM VALE	Checked by	JHF

Feature	CLASS 2	Layer thickness	130 / 140 mm	Time:	09:41:26
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AS 12892.1.1 & 5.8.1							
Test No	59	60	61	62	63	64	
Location	Uxbridge Street	Shale Road					
Chainage	220	10	60	110	160	210	
Offset	1.8	1.8	1.8	1.8	1.8	1.8	
	north of kerb	east of kerb	west of kerb	east of kerb	west of kerb	east of kerb	
Approximate depth from F.S.L.	m						
Measurement depth	mm	125	125	125	125	125	125
Field wet density	t/m ³	2.40	2.40	2.40	2.40	2.40	2.40
Field dry density	t/m ³	2.27	2.26	2.27	2.26	2.28	2.27
Field moisture content	%	6.0	6.0	5.5	6.0	5.5	6.0
Laboratory Compaction AS 1289.5.2.1 & 5.4.2 Assigned Values (See Report No 202MWVID)							
Date of assignment	21/08/2021						
Material source and location	20mm Class 2 - MVQ, Wyndham Vale						
Compactive effort	MODIFIED						
Maximum Dry Density	t/m ³	2.31					
Optimum Moisture Content	%	7.5					
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/m ³	-	-	-	-	-	-
Adjusted Optimum Moisture Content	%	-	-	-	-	-	-
Moisture Variation From Optimum Moisture Content		2.0% dry	1.5% dry	2.0% dry	1.5% dry	2.0% dry	2.0% dry
Moisture Ratio (R _m)	%	77.0	80.0	73.0	79.0	71.5	76.0
Density Ratio (R _D)	%	98.0	98.0	98.5	98.0	98.5	98.5

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