COMPACTION ASSESSMENT

CIVIL GEOTECHNICAL SERVICES

6 - 8 Rose Avenue, Croydon, Vic 3136

Job No	17150		
Report No	17150/R001		
Date Issued	16/03/17		
Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	*Tested by*	AC
Project	ASPECT - STAGE 9	*Date tested*	14/03/17
Location	GREENVALE	*Checked by*	JHF

Feature	**CLASS 3**	*Layer thickness*	100 mm	*Time:*	09:00:38

AS 12892.1.1 & 5.8.1

Test No		**1**	**2**	**3**	**4**		
Location		Luster Circuit					
Chainage		430	380	330	280		
Offset		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*	75	75	75	75		
Field wet density	*t/m³*	2.35	2.34	2.35	2.33		
Field dry density	*t/m³*	2.23	2.22	2.22	2.21		
Field moisture content	*%*	5.5	6.0	6.0	6.0		

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

Date of assignment		20/02/17
Material source and location		20mm Class 3 - MVQ, Donnybrook
Compactive effort		MODIFIED
Maximum Dry Density	*t/m³*	2.25
Optimum Moisture Content	*%*	8.0

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	2.0% dry	2.5% dry		
Moisture Ratio (R_m)	*%*	67.5	70.0	73.0	70.5		
Density Ratio (R_D)	*%*	**99.0**	**98.5**	**99.0**	**98.0**		

Approved Signatory : Justin Fry

COMPACTION ASSESSMENT

CIVIL GEOTECHNICAL SERVICES

6 - 8 Rose Avenue, Croydon, Vic 3136

Job No	17150		
Report No	17150/R002		
Date Issued	16/03/17		
Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	*Tested by*	AC
Project	ASPECT - STAGE 9	*Date tested*	15/03/17
Location	GREENVALE	*Checked by*	JHF

Feature	**CLASS 3**	*Layer thickness*	200 mm	*Time:*	12:49:47

AS 12892.1.1 & 5.8.1

Test No		**5**	**6**	**7**	**8**	**9**	**10**
Location		Luster Circuit					Ravin Way
Chainage		230	180	130	80	30	45
Offset		1.8 west of kerb	1.8 east of kerb	1.8 west of kerb	1.8 north of kerb	1.8 south of kerb	1.8 north of kerb
Approximate depth from F.S.L.	*m*						
Measurement depth	*mm*	175	175	175	175	175	175
Field wet density	*t/m³*	2.33	2.34	2.33	2.34	2.36	2.36
Field dry density	*t/m³*	2.20	2.21	2.20	2.21	2.23	2.23
Field moisture content	*%*	6.5	5.5	6.0	6.0	6.0	6.0

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

Date of assignment		20/02/17
Material source and location		20mm Class 3 - MVQ, Donnybrook
Compactive effort		MODIFIED
Maximum Dry Density	*t/m³*	2.25
Optimum Moisture Content	*%*	8.0

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		2.0% dry	2.5% dry	2.0% dry	2.5% dry	2.5% dry	2.0% dry
Moisture Ratio (R_m)	*%*	77.0	69.0	74.0	71.5	70.5	73.0
Density Ratio (R_D)	*%*	**98.0**	**98.5**	**98.0**	**98.5**	**99.5**	**99.0**

Approved Signatory : Justin Fry

COMPACTION ASSESSMENT

CIVIL GEOTECHNICAL SERVICES

6 - 8 Rose Avenue, Croydon, Vic 3136

Job No	17150		
Report No	17150/R003		
Date Issued	21/04/2017		
Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	*Tested by*	AC
Project	ASPECT - STAGE 9	*Date tested*	19/04/17
Location	GREENVALE	*Checked by*	JHF

Feature	**CLASS 2**	*Layer thickness*	170 mm	*Time:*	10:22:28

AS 12892.1.1 & 5.8.1

Test No		**11**	**12**	**13**	**14**	**15**	**16**
Location		Luster Circuit					
Chainage		430	380	330	280	230	180
Offset		1.8 north 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*	150	150	150	150	150	150
Field wet density	*t/m³*	2.38	2.41	2.38	2.36	2.40	2.40
Field dry density	*t/m³*	2.26	2.29	2.26	2.25	2.26	2.26
Field moisture content	*%*	5.5	5.5	5.5	5.0	6.5	6.5

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

Date of assignment		22/03/2017
Material source and location		20mm Class 2 - MVQ, Donnybrook
Compactive effort		MODIFIED
Maximum Dry Density	*t/m³*	2.30
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/m³*	-	-	-	-	-	-
Adjusted Optimum Moisture Content	*%*	-	-	-	-	-	-

Moisture Variation From Optimum Moisture Content	2.0% dry	2.0% dry	2.5% dry	2.5% dry	1.5% dry	1.5% dry
Moisture Ratio (R_m) *%*	70.5	70.5	69.5	65.0	83.0	83.0
Density Ratio (R_D) *%*	**98.5**	**99.5**	**98.5**	**98.0**	**98.0**	**98.5**

Approved Signatory : Justin Fry

COMPACTION ASSESSMENT

CIVIL GEOTECHNICAL SERVICES

6 - 8 Rose Avenue, Croydon, Vic 3136

Job No	17150		
Report No	17150/R004		
Date Issued	21/04/2017		
Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	*Tested by*	AC
Project	ASPECT - STAGE 9	*Date tested*	19/04/17
Location	GREENVALE	*Checked by*	JHF

Feature	**CLASS 2**	*Layer thickness*	170 mm	*Time:*	10:25:11

AS 12892.1.1 & 5.8.1

Test No		**17**	**18**	**19**	**20**		
Location		Luster Circuit			Ravine Way		
Chainage		130	80	30	45		
Offset		1.8 south of kerb	1.8 north of kerb	1.8 south of kerb	1.8 north of kerb		
Approximate depth from F.S.L.	*m*						
Measurement depth	*mm*	150	150	150	150		
Field wet density	*t/m³*	2.41	2.42	2.43	2.39		
Field dry density	*t/m³*	2.26	2.25	2.25	2.27		
Field moisture content	*%*	7.0	7.5	7.5	5.5		

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

Date of assignment		22/03/2017
Material source and location		20mm Class 2 - MVQ, Donnybrook
Compactive effort		MODIFIED
Maximum Dry Density	*t/m³*	2.30
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		
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		0.5% dry	0.0% wet	0.0% wet	2.5% dry		
Moisture Ratio (R_m)	*%*	92.5	101.5	103.5	68.5		
Density Ratio (R_D)	*%*	**98.0**	**98.0**	**98.0**	**99.0**		