

 CIVIL GEOTECHNICAL SERVICES
 Job No
 14253

 6 - 8 Rose Avenue, Croydon, Vic 3136
 Report No
 14253/R001

 Date Issued
 29/07/14

 Client
 WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)
 Tested by
 JWM

 Project
 ASTON - STAGE 14
 Date tested
 17/07/14

 Location
 CRAIGIEBURN
 Checked by
 JHF

Feature SUBBASE Layer thickness 75 mm Time: 11:00:13

		1	2	3	4	5	6
Location		E	uphoria Stre	et	Zealou	ıs Way	Stud
						•	Road
(Chainage	120	180	240	15	85	75
	Offset	2m	2m	1m	1.5m	2m	1.5m
		east	west	east	north	south	north
		of kerb	of kerb	of kerb	of kerb	of kerb	of kerb
Approximate depth from F.S.L.	m						
Measurement depth	mm	50	50	50	50	50	50
Field wet density	t/m³	2.43	2.54	2.41	2.39	2.40	2.40
Field dry density	t/m³	2.24	2.35	2.20	2.21	2.21	2.20
Field moisture content	%	8.0	8.0	9.0	8.0	8.5	8.5
Compactive effort	4/203				IFIED		
Laboratory Compaction AS 1289.5.2 Date of assignment		- ioughtur		•	7/14		
Maximum Dry Density	t/m³			2.:			
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	-	-	-	-	-	-
	./ 0			_	_	-	
Adjusted Maximum Dry Density	t/m³	-	-	_			-
Adjusted Maximum Dry Density Adjusted Optimum Moisture Conten		-	-	-	-	-	-
		-	-	-	-		-
		0.5%	0.5%	0.5%	0.5%		0.0%
Adjusted Optimum Moisture Conten	t %					-	
Adjusted Optimum Moisture Conten Moisture Variation From Optimum Moisture Conter	t %	0.5% dry	0.5% dry	0.5% wet	0.5% dry	- 0.0% dry	0.0% wet
Adjusted Optimum Moisture Conten Moisture Variation From	t %	0.5%	0.5%	0.5%	0.5%	0.0%	0.0%



Approved Signatory: Justin Fry



		Job No	14253	
CIVIL GEOTE	ECHNICAL SERVICES	Report No	14253/R002	
6 - 8 Rose Ave	enue, Croydon, Vic 3136	Date Issued	29/07/14	
Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	Tested by	JWM	
Project	ASTON - STAGE 14	Date tested	17/07/14	
Location	CRAIGIEBURN	Checked by	JHF	

FeatureSUBBASELayer thickness75 mmTime:11:30:24

Test No		7				
Location		Stud				
20041077		Road				
C	hainage	15				
	Offset	1.5m				
	0.11001	south				
		of kerb				
Approximate depth from F.S.L.	т	0				
Measurement depth	mm	50				
Field wet density	t/m³	2.42				
Field dry density	t/m³	2.22				
Field moisture content	%	9.0				
	t/m³		2.	OIFIED 25		
Maximum Dry Density				_		
Optimum Moisture Content	%		8	.5		
Test procedure AS 1289.5.4.1						
•	mm	19.0	1		1	Ι
Oversize rock retained on sieve	mm wet	19.0				
Oversize rock retained on sieve Percent of oversize material		19.0 - -				
Oversize rock retained on sieve Percent of oversize material Percent of oversize material	wet	-				
Oversize rock retained on sieve Percent of oversize material Percent of oversize material Adjusted Maximum Dry Density	wet dry	-				
Oversize rock retained on sieve Percent of oversize material Percent of oversize material Adjusted Maximum Dry Density Adjusted Optimum Moisture Content	wet dry t/m³	- - -				
Oversize rock retained on sieve Percent of oversize material Percent of oversize material Adjusted Maximum Dry Density	wet dry t/m³	-				
Oversize rock retained on sieve Percent of oversize material Percent of oversize material Adjusted Maximum Dry Density Adjusted Optimum Moisture Content	wet dry t/m³ %	- - -				
Oversize rock retained on sieve Percent of oversize material Percent of oversize material Adjusted Maximum Dry Density Adjusted Optimum Moisture Content Moisture Variation From Optimum Moisture Content	wet dry t/m³ %	- - - - 0.5% wet				
	wet dry t/m³ %					



July 3



 CIVIL GEOTECHNICAL SERVICES
 Job No
 14253

 6 - 8 Rose Avenue, Croydon, Vic 3136
 Report No
 14253/R003

 Date Issued
 15/12/2014

 Client
 WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)
 Tested by
 JWM

 Project
 ASTON - STAGE 14
 Date tested
 30/07/14

 Location
 CRAIGIEBURN
 Checked by
 JHF

FeatureSUBBASELayer thickness75 mmTime:08:01:19

Test No		8	9	10	11	12
Location	Ì		Natural Drive)		Fame Way
C	hainage	260.0	340.0	430.0	160.0	80.0
	Offset	2m	1.5m	2.5m	2m	3m
		west	east	east	north	south
		of kerb	of kerb	of kerb	of kerb	of kerb
Approximate depth from F.S.L.	т					
Measurement depth	mm	50	50	50	50	50
Field wet density	t/m³	2.23	2.23	2.18	2.26	2.28
Field dry density	t/m³	2.03	1.89	1.99	2.03	2.05
Field moisture content	%	9.5	16.0	9.0	10.5	10.5
Compactive effort				MOD	IFIED	
Maximum Dry Density Optimum Moisture Content Test procedure AS 1289.5.4.1	t/m³ %			2.: 9.		
		19.0	19.0			19.0
Optimum Moisture Content Test procedure AS 1289.5.4.1	%	19.0	19.0	9.	0	19.0
Optimum Moisture Content Test procedure AS 1289.5.4.1 Oversize rock retained on sieve	%	19.0	19.0	9.	19.0	19.0
Optimum Moisture Content Test procedure AS 1289.5.4.1 Oversize rock retained on sieve Percent of oversize material	mm wet	-	-	19.0	19.0	-
Optimum Moisture Content Test procedure AS 1289.5.4.1 Oversize rock retained on sieve Percent of oversize material Percent of oversize material	mm wet dry	-	-	19.0	19.0	-
Optimum Moisture Content Test procedure AS 1289.5.4.1 Oversize rock retained on sieve Percent of oversize material Percent of oversize material Adjusted Maximum Dry Density	mm wet dry t/m³ %	- - -	-	19.0	19.0	-
Optimum Moisture Content Test procedure AS 1289.5.4.1 Oversize rock retained on sieve Percent of oversize material Percent of oversize material Adjusted Maximum Dry Density Adjusted Optimum Moisture Content Moisture Variation From	mm wet dry t/m³ %	1.0%	9.0%	9. 19.0 - - - - 0.5%	19.0 - - - - - 2.5%	2.0%



Approved Signatory: Justin Fry



 CIVIL GEOTECHNICAL SERVICES
 Job No
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 6 - 8 Rose Avenue, Croydon, Vic 3136
 Report No
 14253/R004

 Date Issued
 15/12/2014

 Client
 WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)
 Tested by
 JWM

 Project
 ASTON - STAGE 14
 Date tested
 01/09/14

 Location
 CRAIGIEBURN
 Checked by
 JHF

FeatureBASELayer thickness150 mmTime:10:35:50

Test No		13	14	15	16	17	18
Location		Fame Way		Natural Drive		Euphoria Street	
	Chainage	85	160	450	330	165	230
	Offset	1.2	1.5	2	1.8	1.2	1.8
		north	south	west	east	west	east
		of kerb	of kerb	of kerb	of kerb	of kerb	of kerb
Approximate depth from F.S.L.	т						
Measurement depth	mm	125	125	125	125	125	125
Field wet density	t/m³	2.35	2.37	2.32	2.30	2.28	2.30
Field dry density	t/m³	2.22	2.26	2.21	2.19	2.19	2.19
Field moisture content	%	6.0	5.0	5.0	5.0	4.5	5.0
Compactive effort Maximum Dry Density	t/m³			2			
Maximum Dry Density Optimum Moisture Content	t/m³ %				27		
Maximum Dry Density Optimum Moisture Content Test procedure AS 1289.5.4.1		19.0	19.0	2	27	19.0	19.0
Maximum Dry Density Optimum Moisture Content Test procedure AS 1289.5.4.1 Oversize rock retained on sieve	%	19.0	19.0	2 7	27 .5	19.0	19.0
Maximum Dry Density	%	19.0	19.0	2 7	27 .5	19.0	19.0
Maximum Dry Density Optimum Moisture Content Test procedure AS 1289.5.4.1 Oversize rock retained on sieve Percent of oversize material	mm wet	19.0	19.0	2 7	27 .5	19.0	19.0
Maximum Dry Density Optimum Moisture Content Test procedure AS 1289.5.4.1 Oversize rock retained on sieve Percent of oversize material Percent of oversize material Adjusted Maximum Dry Density	mm wet dry t/m³	19.0	-	2 7	27 .5	19.0	19.0
Maximum Dry Density Optimum Moisture Content Test procedure AS 1289.5.4.1 Oversize rock retained on sieve Percent of oversize material Percent of oversize material	mm wet dry t/m³	19.0 - - - - 1.5%	- - -	2 7	27 .5	19.0 - - - - - 3.5%	19.0
Maximum Dry Density Optimum Moisture Content Test procedure AS 1289.5.4.1 Oversize rock retained on sieve Percent of oversize material Percent of oversize material Adjusted Maximum Dry Density Adjusted Optimum Moisture Conter	mm wet dry t/m³ at %	- - - -	- - -	2.: 7	27 .5 19.0 - - -	- - -	- - -
Maximum Dry Density Optimum Moisture Content Test procedure AS 1289.5.4.1 Oversize rock retained on sieve Percent of oversize material Percent of oversize material Adjusted Maximum Dry Density Adjusted Optimum Moisture Conter	mm wet dry t/m³ at %	- - - - 1.5%	3.0%	2.5%	27 5 19.0 - - - - - 2.5%	3.5%	- - - - 2.5%



July J



 CIVIL GEOTECHNICAL SERVICES
 Report No
 14253/R005

 6 - 8 Rose Avenue, Croydon, Vic 3136
 Date Issued
 15/12/14

ClientWINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)Tested byJWMProjectASTON - STAGE 14Date tested02/09/14LocationCRAIGIEBURNChecked byJHF

FeatureBASELayer thickness150 mmTime:08:30:39

Test No		19	20	21	22	23	24
Location		Euphor	ria Street	Stud	Natura	al Drive	Zealous
		I	ļ	Road			Way
ı	Chainage	225.0	140.0	50.0	295.0	420.0	55.0
	Offset	1.2	1.8	1.5	1.2	1.5	1.2
		east	west	north	east	west	south
		of kerb	of kerb	of kerb	of kerb	of kerb	of kerb
Approximate depth from F.S.L.	т						
Measurement depth	mm	125	125	125	125	125	125
Field wet density	t/m³	2.37	2.33	2.33	2.36	2.36	2.36
Field dry density	t/m³	2.25	2.21	2.21	2.22	2.23	2.23
Field moisture content	%	6.0	5.5	5.5	6.0	6.0	6.0
Material source and location Compactive effort		<u> </u>			2 - ACM, Eppi DIFIED	ing	
Date of assignment Material source and location			2	0mm Class 2	10/14 2 - ACM, Eppi	ina	
,	1/22						
Maximum Dry Density	t/m³ %			2.2 7.			
Optimum Moisture Content	70			1.	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 Conten	nt %	-	-	-	-	-	-
Moisture Variation From		1.5%	2.0%	2.0%	1.5%	1.5%	1.5%
Optimum Moisture Conter	1t	dry	dry	dry	dry	dry	dry
							-
Moisture Ratio (R_m)	%	77.5	72.0	73.5	80.0	79.0	77.5
		_	_	_	_		_
Density Ratio (R _D)	%	99.0	97.5	97.5	98.0	98.5	98.0



July Jz



	Job No	14253
CIVIL GEOTECHNICAL SERVICES	Report No	14253/R006
6 - 8 Rose Avenue, Croydon, Vic 3136	Date Issued	15/12/14

 Client
 WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)
 Tested by
 JWM

 Project
 ASTON - STAGE 14
 Date tested
 02/09/14

 Location
 CRAIGIEBURN
 Checked by
 JHF

FeatureBASELayer thickness150 mmTime:09:00:49

Test No		25	26				
Location		Fame	e Way				
Ci	hainage	160.0	85.0				
	Offset	1.2	1.5				
		north	south	1			
		of kerb	of kerb				
Approximate depth from F.S.L.	т						
Measurement depth	mm	125	125				
Field wet density	t/m³	2.24	2.29				
Field dry density	t/m³	2.13	2.14				
Field moisture content	%	6.0	7.0				
Material source and location Compactive effort Maximum Dry Density	t/m³			0mm Class 2 MOD 2.3	IFIED	oing	
·	t/m3						
Optimum Moisture Content	%			7.			
Test procedure AS 1289.5.4.1		12.2		1		1	T
O			10.0				
Oversize rock retained on sieve	mm	19.0	19.0				
Percent of oversize material	wet	19.0	-				
Percent of oversize material Percent of oversize material	wet dry	-	-				
Percent of oversize material Percent of oversize material Adjusted Maximum Dry Density	wet dry t/m³						
Percent of oversize material Percent of oversize material Adjusted Maximum Dry Density	wet dry	-	-				
Percent of oversize material Percent of oversize material Adjusted Maximum Dry Density Adjusted Optimum Moisture Content	wet dry t/m³	- - -	- - - -				
Percent of oversize material Percent of oversize material Adjusted Maximum Dry Density Adjusted Optimum Moisture Content Moisture Variation From	wet dry t/m³ %	2.0%					
Percent of oversize material Percent of oversize material Adjusted Maximum Dry Density Adjusted Optimum Moisture Content	wet dry t/m³ %	- - -	- - - -				
Percent of oversize material Percent of oversize material Adjusted Maximum Dry Density Adjusted Optimum Moisture Content Moisture Variation From	wet dry t/m³ %	2.0%					
Percent of oversize material Percent of oversize material Adjusted Maximum Dry Density Adjusted Optimum Moisture Content Moisture Variation From Optimum Moisture Content	wet dry t/m³ %	- - - - 2.0% dry	- - - - 0.5% dry				



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