

Appendix 3 Test Results

The Lakes Subdivision

Stage 2K - Summary of Results of Compaction Tests by Opus (2006) and Coffey (2008)

Test No.	Date	Soil Type	Percentage Air Voids	Undrained Shear Strength (kPa)
1	25/09/2006	Ash	9.8	166+
2	25/09/2006	Ash	5.8	168+
4	25/09/2006	Ash	7.0	168+
5	25/09/2006	Ash	3.2	142
6	25/09/2006	Ash	4.5	143
7	28/09/2006	Ash	5.2	191+
8	28/09/2006	Ash	5.3	183+
9	28/09/2006	Ash	5.9	179+
10	28/09/2006	Ash	5.3	153
12	28/09/2006	Ash	5.5	160
13	28/09/2006	Ash	10.3	UTP
14	28/09/2006	Ash	4.3	195+
17	18/10/2006	Ash	4.9	UTP
18	19/10/2006	Ash	6.6	179+
19	20/10/2006	Ash	3.6	179+
20	18/10/2006	Ash	6.4	179+
21	22/05/2008	Ash	1.1	208+
22	22/05/2008	Ash	8.2	223+

**The Lakes Stage 2K
Compaction Test Results
Undertaken by Opus 2013**

Position Lot No	Date	Soil Type	Percentage Air Voids	Undrained Shear Strength (kPa)	Scala penetrometer blows/100m
600	24/02/2013	Ash	14	UTP	6-10
601	24/02/2013	Ash			8-12
602	24/02/2013	Ash	18	UTP	5-14
603	24/02/2013	Ash			4-26
604	24/02/2013	Ash			3-11
605	24/02/2013	Ash			5-15
606	24/02/2013	Ash			4-13
637	24/02/2013	Ash	16.5	UTP	4-10
639	24/02/2013	Ash			4-13
640	28/02/2013	Ash			3-8
604	1/03/2013	Ash	6.0	UTP	
639	2/03/2013	Ash	8.1	UTP	
640	3/03/2013	Ash	7.4	UTP	
643	4/03/2013	Ash	14.7	UTP	
644	5/03/2013	Ash	13.9	UTP	
598(pond)	11/03/2013	Ash	19.3	UTP	4-7
599(pond)	12/03/2013	Ash	27.1	UTP	4-9