

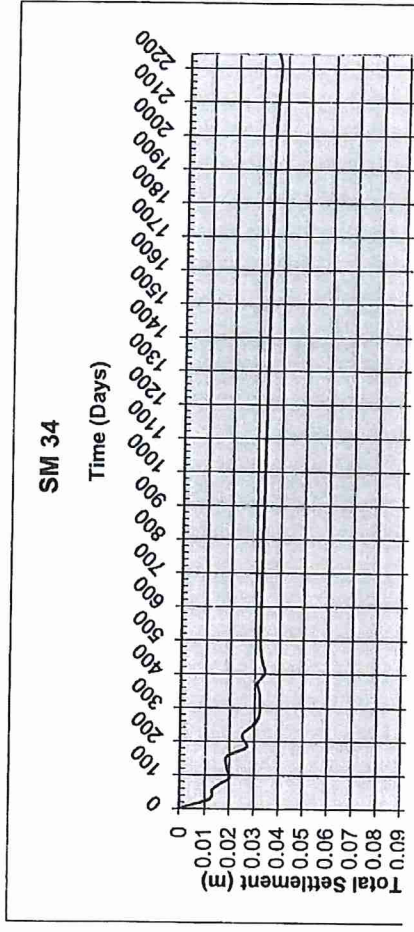
Appendix 3

Compaction Test Results
Settlement Monitoring Results

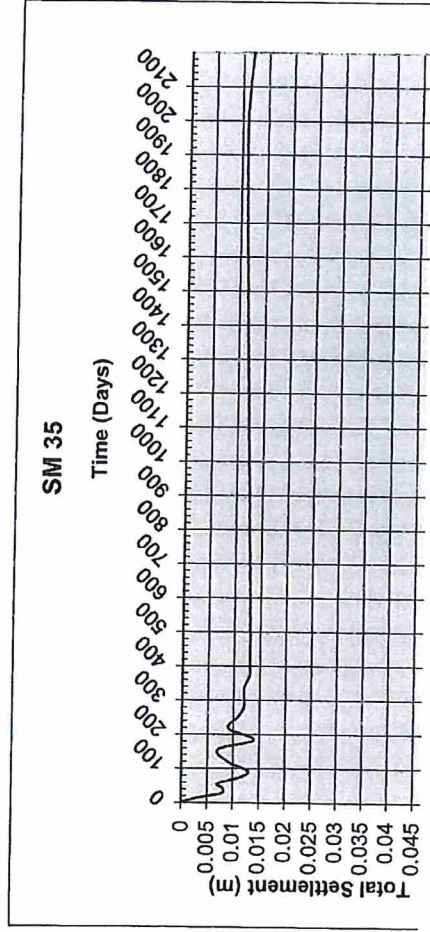
Summary of Compaction Test Results - Stage 2H

Test No	Date Tested	Air Voids	Undrained Shear Strength kPa
179	14/02/2007	6.8	UTP
180	14/02/2007	6.2	154
181	14/02/2007	5.8	UTP
182	14/02/2007	3.4	UTP
183	14/02/2007	7.1	>188
196	20/02/2007	0.6	UTP
197	20/02/2007	7.6	UTP
198	20/02/2007	8.4	>188
199	20/02/2007	7.9	UTP
<hr/>			
218	27/02/2007	0.4	>176
221	27/02/2007	5.5	UTP
222	27/02/2007		
<hr/>			
266	21/03/2007	1.4	162
268	22/03/2007	6.2	UTP
269	22/03/2007	0.7	>176
270	22/03/2007	0	>170
271	22/03/2007	1.5	UTP
272	22/03/2007	4.3	UTP
<hr/>			
323	17/04/2007	1	171
324	17/04/2007	4.4	157
325	17/04/2007	0	UTP
326	17/04/2007	3.8	158
327	17/04/2007	0.7	>180
328	17/04/2007	5.7	UTP
329	17/04/2007	2.3	UTP
<hr/>			
403	27/11/2007	9.6	UTP
404	27/11/2007	4.8	>205
405	27/11/2007	11.7	UTP
406	27/11/2007	0	193
407	27/11/2007	1.7	>185
408	27/11/2007	0	>221
<hr/>			
460	18/01/2008	1.7	167
461	18/01/2008	1.8	183
462	18/01/2008	0	UTP
463	18/01/2008	0	UTP
464	18/01/2008	0	UTP
465	18/01/2008	0.4	UTP

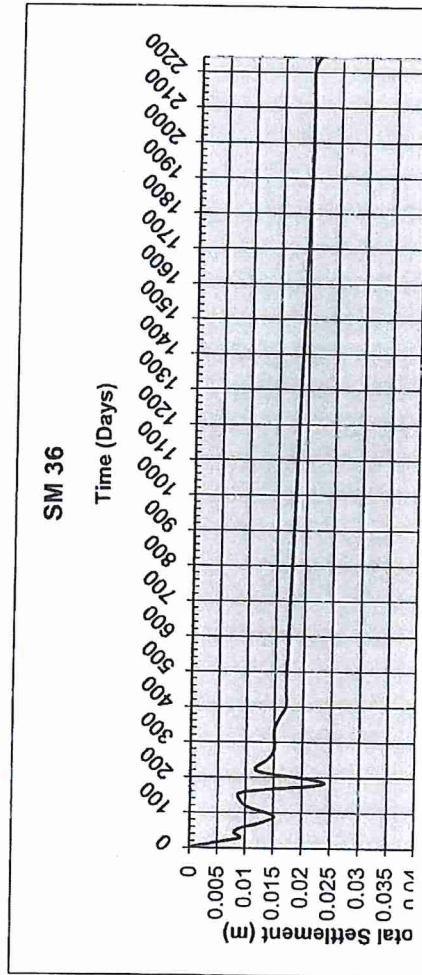
<u>Settlement Mark</u>	<u>Date</u>	<u>Warratah RL</u>	<u>Settlement</u>	<u>Total Settlement</u>	<u>Days Between readings</u>	<u>Total Days</u>	<u>Comments</u>	<u>Equipment</u>
SM34	13 June 2007	8.835	0	0	0	0	Warratah	Level
SM34	26 June 2007	8.829	0.006	0.006	13	13	Warratah	Level
SM34	11 July 2007	8.823	0.006	0.012	15	28	Warratah	Level
SM34	26 July 2007	8.822	0.001	0.013	15	43	Warratah	Level
SM34	7 August 2007	8.822	0	0.013	12	55	Warratah	Level
SM34	24 August 2007	8.819	0.003	0.016	17	72	Warratah	Level
SM34	#####	8.815	0.004	0.02	19	91	Warratah	Level
SM34	10 October 2007	8.816	-0.001	0.019	28	119	Warratah	Level
SM34	#####	8.816	0	0.019	36	155	Warratah	Level
SM34	#####	8.808	0.008	0.027	28	183	Warratah	Level
SM34	16 January 2008	8.81	-0.002	0.025	34	217	Warratah	Level
SM34	20 February 2008	8.805	0.005	0.03	35	252	Warratah	Level
SM34	20 March 2008	8.803	0.002	0.032	29	281	Warratah	Level
SM34	18 April 2008	8.803	0	0.032	29	310	Warratah	Level
SM34	14 May 2008	8.804	0	0.032	26	336	Warratah	Level
SM34	19 June 2008	8.804	-0.001	0.031	36	372	Warratah	Level
SM34	18 July 2008	8.801	0.003	0.034	29	401	Warratah	Level
SM34	20 August 2008	8.802	-0.001	0.033	33	434	Warratah	Level
SM34	15 October 2008	8.803	-0.001	0.032	56	490	Warratah	Level
SM34	2 October 2012	8.8	0.003	0.035	1448	1938	Warratah	Level
SM34	20 June 2013	8.798	0.002	0.037	261	2199	Warratah	Level
SM34	1 August 2013	8.799	-0.001	0.036	42	2241	Warratah	Level



<u>Settlement Mark</u>	<u>Date</u>	<u>Warratah RL</u>	<u>Settlement</u>	<u>Total Settlement</u>	<u>Days Between readings</u>	<u>Total Days</u>	<u>Comments</u>	<u>Equipment</u>
SM35	13 June 2007	10.142	0	0	0	0	Warratah	Level
SM35	26 June 2007	10.139	0.003	0.003	13	13	Warratah	Level
SM35	11 July 2007	10.134	0.005	0.008	15	28	Warratah	Level
SM35	26 July 2007	10.134	0	0.008	15	43	Warratah	Level
SM35	7 August 2007	10.135	-0.001	0.007	12	55	Warratah	Level
SM35	24 August 2007	10.131	0.004	0.011	17	72	Warratah	Level
SM35	#####	10.129	0.002	0.013	19	91	Warratah	Level
SM35	10 October 2007	10.133	-0.004	0.009	28	119	Warratah	Level
SM35	15 November 2007	10.135	-0.002	0.007	36	155	Warratah	Level
SM35	13 December 2007	10.128	0.007	0.014	28	183	Warratah	Level
SM35	16 January 2008	10.133	-0.005	0.009	34	217	Warratah	Level
SM35	20 February 2008	10.131	0.002	0.011	35	252	Warratah	Level
SM35	20 March 2008	10.13	0.001	0.012	29	281	Warratah	Level
SM35	18 April 2008	10.13	0	0.012	29	310	Warratah	Level
SM35	14 May 2008	10.13	0	0.012	26	336	Warratah	Level
SM35	19 June 2008	10.129	0.001	0.013	36	372	Warratah	Level
SM35	18 July 2008	10.129	0	0.013	29	401	Warratah	Level
SM35	20 August 2008	10.129	0	0.013	33	434	Warratah	Level
SM35	15 October 2008	10.129	0	0.013	56	490	Warratah	Level
SM35	2 October 2012	10.131	-0.002	0.011	1448	1938	Warratah	Level
SM35	20 June 2013	10.13	0.001	0.012	261	2199	Warratah	Level
SM35	1 August 2013	10.13	0	0.012	42	2241	Warratah	Level



<u>Settlement Mark</u>	<u>Date</u>	<u>Warratah RL</u>	<u>Settlement</u>	<u>Total Settlement Days Between readings</u>	<u>Total Days</u>	<u>Comments</u>	<u>Equipment</u>
SM36	13 June 2007	10.001	0	0	0	Warratah	Level
SM36	26 June 2007	9.997	0.004	13	13	Warratah	Level
SM36	11 July 2007	9.992	0.005	15	28	Warratah	Level
SM36	26 July 2007	9.993	-0.001	15	43	Warratah	Level
SM36	7 August 2007	9.992	0.001	0.009	55	Warratah	Level
SM36	24 August 2007	9.988	0.004	0.013	72	Warratah	Level
SM36	#####	9.986	0.002	0.015	91	Warratah	Level
SM36	10 October 2007	9.991	-0.005	0.01	119	Warratah	Level
SM36	#####	9.992	-0.001	0.009	155	Warratah	Level
SM36	#####	9.977	0.015	0.024	183	Warratah	Level
SM36	16 January 2008	9.989	-0.012	0.012	217	Warratah	Level
SM36	20 February 2008	9.987	0.002	0.014	252	Warratah	Level
SM36	18 March 2008	9.986	0.001	0.015	279	Warratah	Level
SM36	14 May 2008	9.986	0	0.015	336	Warratah	Level
SM36	19 June 2008	9.985	0.001	0.016	372	Warratah	Level
SM36	18 July 2008	9.984	0.001	0.017	401	Warratah	Level
SM36	20 August 2008	9.984	0	0.017	434	Warratah	Level
SM36	15 October 2008	9.984	0	0.017	490	Warratah	Level
SM36	2 October 2012	9.981	0.003	0.02	1448	Warratah	Level
SM36	20 June 2013	9.981	0	0.02	2199	Warratah	Level
SM36	1 August 2013	9.98	0.001	0.021	2241	Warratah	Level



<u>Settlement Mark</u>	<u>Date</u>	<u>Warratah RL</u>	<u>Settlement</u>	<u>Total Settlement</u>	<u>Days Between readings</u>	<u>Total Days</u>	<u>Comments</u>	<u>Equipment</u>
SM37	13 June 2007	10.348	0	0	0	0	Warratah	Level
SM37	26 June 2007	10.342	0.006	0.006	13	13	Warratah	Level
SM37	11 July 2007	10.336	0.006	0.012	15	28	Warratah	Level
SM37	26 July 2007	10.335	0.001	0.013	15	43	Warratah	Level
SM37	7 August 2007	10.335	0	0.013	12	55	Warratah	Level
SM37	22 August 2007	10.33	0.005	0.018	15	70	Warratah	Level
SM37	#####	10.328	0.002	0.02	21	91	Warratah	Level
SM37	10 October 2007	10.332	-0.004	0.016	28	119	Warratah	Level
SM37	#####	10.33	0.002	0.018	36	155	Warratah	Level
SM37	#####	10.319	0.011	0.029	28	183	Warratah	Level
SM37	16 January 2008	10.321	-0.002	0.027	34	217	Warratah	Level
SM37	20 February 2008	10.317	0.004	0.031	35	252	Warratah	Level
SM37	18 April 2008	10.315	0.002	0.033	58	310	Warratah	Level
SM37	14 May 2008	10.316	-0.001	0.032	26	336	Warratah	Level
SM37	19 June 2008	10.315	0.001	0.033	36	372	Warratah	Level
SM37	18 July 2008	10.313	0.002	0.035	29	401	Warratah	Level
SM37	18 August 2008	10.314	-0.001	0.034	33	434	Warratah	Level
SM37	20 August 2008	10.315	-0.001	0.033	56	490	Warratah	Level
SM37	15 October 2008	10.292	0.023	0.056	1448	1938	Warratah	Level
SM37	2 October 2012	10.287	0.005	0.061	261	2199	Warratah	Level
SM37	20 June 2013	10.286	0.001	0.062	42	2241	Warratah	Level
SM37	1 August 2013							

