MURRAY**FUTURES**
Lower Lakes & Coorong Recovery

Acid Sulfate Soils Research Program

Quantification of Acidity Flux Rates to the Lower Murray Lakes

Report 2 | Part 3 of 3: Attachments K – P | April 2010

Australian Government
Government of South Australia
WATER FOR GOOD

Attachment K:

Sediment moisture data – Point Sturt and Campbell Park locations

Point Sturt				
Date and Time	**Moisture Content 10 cm below ground level (vol% H_2O)**	**Moisture Content 20 cm below ground level (vol% H_2O)**	**Moisture Content 30 cm below ground level (vol% H_2O)**	**Moisture Content 40 cm below ground level (vol% H_2O)**
28/08/2009 13:00:00	6.08	25.09	-	-
28/08/2009 14:00:00	6.20	24.78	-	-
28/08/2009 15:00:00	6.18	24.61	-	-
28/08/2009 16:00:00	6.15	24.52	-	-
28/08/2009 17:00:00	6.12	24.46	-	-
28/08/2009 18:00:00	6.08	24.37	-	-
28/08/2009 19:00:00	6.06	24.32	-	-
28/08/2009 20:00:00	6.15	24.31	-	-
28/08/2009 21:00:00	6.56	24.35	-	-
28/08/2009 22:00:00	6.78	24.39	-	-
28/08/2009 23:00:00	6.93	24.44	-	-
29/08/2009 00:00:00	7.02	24.48	-	-
29/08/2009 01:00:00	7.08	24.49	-	-
29/08/2009 02:00:00	7.12	24.52	-	-
29/08/2009 03:00:00	7.14	24.53	-	-
29/08/2009 04:00:00	7.99	24.62	-	-
29/08/2009 05:00:00	10.47	24.83	-	-
29/08/2009 06:00:00	11.19	25.28	-	-
29/08/2009 07:00:00	10.80	25.64	-	-
29/08/2009 08:00:00	10.40	25.83	-	-
29/08/2009 09:00:00	10.12	25.94	-	-
29/08/2009 10:00:00	9.80	26.00	-	-
29/08/2009 11:00:00	9.41	26.03	-	-
29/08/2009 12:00:00	9.07	26.05	-	-
29/08/2009 13:00:00	11.63	26.41	-	-
29/08/2009 14:00:00	11.90	26.90	-	-
29/08/2009 15:00:00	11.03	27.23	-	-
29/08/2009 16:00:00	10.45	27.29	-	-
29/08/2009 17:00:00	10.39	27.32	-	-
29/08/2009 18:00:00	10.08	27.32	-	-
29/08/2009 19:00:00	9.80	27.28	-	-
29/08/2009 20:00:00	9.59	27.24	-	-
29/08/2009 21:00:00	9.42	27.19	-	-
29/08/2009 22:00:00	9.25	27.15	-	-
29/08/2009 23:00:00	9.09	27.11	-	-
30/08/2009 00:00:00	8.96	27.07	-	-
30/08/2009 01:00:00	8.84	27.02	-	-
30/08/2009 02:00:00	8.73	26.99	-	-
30/08/2009 03:00:00	8.63	26.95	-	-
30/08/2009 04:00:00	8.53	26.91	-	-
30/08/2009 05:00:00	8.44	26.86	-	-
30/08/2009 06:00:00	8.36	26.82	-	-
30/08/2009 07:00:00	8.29	26.82	-	-
30/08/2009 08:00:00	8.28	26.83	-	-
30/08/2009 09:00:00	8.23	26.83	-	-
30/08/2009 10:00:00	8.17	26.80	-	-
30/08/2009 11:00:00	8.10	26.79	-	-
30/08/2009 12:00:00	8.04	26.78	-	-
30/08/2009 13:00:00	7.97	26.77	-	-
30/08/2009 14:00:00	7.90	26.76	-	-
30/08/2009 15:00:00	7.83	26.73	-	-
30/08/2009 16:00:00	7.75	26.70	-	-
30/08/2009 17:00:00	7.68	26.68	-	-
30/08/2009 18:00:00	7.62	26.64	-	-
30/08/2009 19:00:00	7.55	26.60	-	-
30/08/2009 20:00:00	7.50	26.55	-	-
30/08/2009 21:00:00	7.45	26.51	-	-

Point Sturt				
Date and Time	**Moisture Content 10 cm below ground level (vol% H_2O)**	**Moisture Content 20 cm below ground level (vol% H_2O)**	**Moisture Content 30 cm below ground level (vol% H_2O)**	**Moisture Content 40 cm below ground level (vol% H_2O)**
30/08/2009 22:00:00	7.40	26.47	-	-
30/08/2009 23:00:00	7.35	26.44	-	-
31/08/2009 00:00:00	7.31	26.40	-	-
31/08/2009 01:00:00	7.27	26.37	-	-
31/08/2009 02:00:00	7.24	26.33	-	-
31/08/2009 03:00:00	7.20	26.30	-	-
31/08/2009 04:00:00	7.17	26.27	-	-
31/08/2009 05:00:00	7.13	26.24	-	-
31/08/2009 06:00:00	7.10	26.20	-	-
31/08/2009 07:00:00	7.14	26.17	-	-
31/08/2009 08:00:00	7.18	26.16	-	-
31/08/2009 09:00:00	7.20	26.14	-	-
31/08/2009 10:00:00	7.22	26.14	-	-
31/08/2009 11:00:00	7.21	26.14	-	-
31/08/2009 12:00:00	7.19	26.14	-	-
31/08/2009 13:00:00	7.17	26.14	-	-
31/08/2009 14:00:00	7.15	26.12	-	-
31/08/2009 15:00:00	7.11	26.12	-	-
31/08/2009 16:00:00	7.07	26.10	-	-
31/08/2009 17:00:00	7.03	26.08	-	-
31/08/2009 18:00:00	6.99	26.05	-	-
31/08/2009 19:00:00	6.96	26.01	-	-
31/08/2009 20:00:00	6.92	25.97	-	-
31/08/2009 21:00:00	6.88	25.93	-	-
31/08/2009 22:00:00	6.84	25.89	-	-
31/08/2009 23:00:00	6.81	25.86	-	-
01/09/2009 00:00:00	6.79	25.83	-	-
01/09/2009 01:00:00	6.76	25.79	-	-
01/09/2009 02:00:00	6.73	25.76	-	-
01/09/2009 03:00:00	6.70	25.73	-	-
01/09/2009 04:00:00	6.68	25.70	-	-
01/09/2009 05:00:00	6.66	25.66	-	-
01/09/2009 06:00:00	6.64	25.64	-	-
01/09/2009 07:00:00	6.62	25.61	-	-
01/09/2009 08:00:00	6.60	25.58	-	-
01/09/2009 09:00:00	6.58	25.57	-	-
01/09/2009 10:00:00	6.58	25.56	-	-
01/09/2009 11:00:00	6.57	25.57	-	-
01/09/2009 12:00:00	6.56	25.57	-	-
01/09/2009 13:00:00	6.56	25.59	-	-
01/09/2009 14:00:00	6.55	25.59	-	-
01/09/2009 15:00:00	6.53	25.58	-	-
01/09/2009 16:00:00	6.51	25.57	-	-
01/09/2009 17:00:00	6.48	25.56	-	-
01/09/2009 18:00:00	6.46	25.53	-	-
01/09/2009 19:00:00	6.43	25.50	-	-
01/09/2009 20:00:00	6.40	25.46	-	-
01/09/2009 21:00:00	6.37	25.41	-	-
01/09/2009 22:00:00	6.35	25.37	-	-
01/09/2009 23:00:00	6.33	25.34	-	-
02/09/2009 00:00:00	6.31	25.32	-	-
02/09/2009 01:00:00	6.29	25.29	-	-
02/09/2009 02:00:00	6.28	25.27	-	-
02/09/2009 03:00:00	6.26	25.25	-	-
02/09/2009 04:00:00	6.25	25.23	-	-
02/09/2009 05:00:00	6.23	25.20	-	-
02/09/2009 06:00:00	6.22	25.18	-	-

Point Sturt				
Date and Time	**Moisture Content 10 cm below ground level (vol% H_2O)**	**Moisture Content 20 cm below ground level (vol% H_2O)**	**Moisture Content 30 cm below ground level (vol% H_2O)**	**Moisture Content 40 cm below ground level (vol% H_2O)**
02/09/2009 07:00:00	6.20	25.15	-	-
02/09/2009 08:00:00	6.19	25.11	-	-
02/09/2009 09:00:00	6.17	25.09	-	-
02/09/2009 10:00:00	6.16	25.09	-	-
02/09/2009 11:00:00	6.16	25.09	-	-
02/09/2009 12:00:00	6.16	25.09	-	-
02/09/2009 13:00:00	6.13	25.11	-	-
02/09/2009 14:00:00	6.12	25.11	-	-
02/09/2009 15:00:00	6.10	25.09	-	-
02/09/2009 16:00:00	6.10	25.08	-	-
02/09/2009 17:00:00	6.08	25.06	-	-
02/09/2009 18:00:00	6.07	25.02	-	-
02/09/2009 19:00:00	6.05	24.99	-	-
02/09/2009 20:00:00	6.04	24.97	-	-
02/09/2009 21:00:00	6.02	24.94	-	-
02/09/2009 22:00:00	6.01	24.92	-	-
02/09/2009 23:00:00	5.99	24.90	-	-
03/09/2009 00:00:00	5.98	24.85	-	-
03/09/2009 01:00:00	5.96	24.82	-	-
03/09/2009 02:00:00	5.94	24.79	-	-
03/09/2009 03:00:00	5.93	24.77	-	-
03/09/2009 04:00:00	5.92	24.72	-	-
03/09/2009 05:00:00	5.90	24.69	-	-
03/09/2009 06:00:00	5.89	24.64	-	-
03/09/2009 07:00:00	5.88	24.67	-	-
03/09/2009 08:00:00	5.87	24.63	-	-
03/09/2009 09:00:00	5.86	24.60	-	-
03/09/2009 10:00:00	5.85	24.59	-	-
03/09/2009 11:00:00	5.89	24.64	-	-
03/09/2009 12:00:00	5.88	24.62	-	-
03/09/2009 13:00:00	5.86	24.62	-	-
03/09/2009 14:00:00	5.85	24.61	-	-
03/09/2009 15:00:00	5.83	24.58	-	-
03/09/2009 16:00:00	5.82	24.56	-	-
03/09/2009 17:00:00	5.81	24.54	-	-
03/09/2009 18:00:00	5.79	24.50	-	-
03/09/2009 19:00:00	5.78	24.47	-	-
03/09/2009 20:00:00	5.76	24.44	-	-
03/09/2009 21:00:00	5.75	24.40	-	-
03/09/2009 22:00:00	5.73	24.37	-	-
03/09/2009 23:00:00	6.18	24.43	-	-
04/09/2009 00:00:00	6.43	24.49	-	-
04/09/2009 01:00:00	6.64	24.53	-	-
04/09/2009 02:00:00	7.02	24.62	-	-
04/09/2009 03:00:00	7.78	24.88	-	-
04/09/2009 04:00:00	8.01	25.05	-	-
04/09/2009 05:00:00	8.13	25.13	-	-
04/09/2009 06:00:00	8.13	25.16	-	-
04/09/2009 07:00:00	8.10	25.16	-	-
04/09/2009 08:00:00	8.07	25.14	-	-
04/09/2009 09:00:00	8.03	25.13	-	-
04/09/2009 10:00:00	7.95	25.11	-	-
04/09/2009 11:00:00	7.84	25.10	-	-
04/09/2009 12:00:00	7.70	25.09	-	-
04/09/2009 13:00:00	7.58	25.07	-	-
04/09/2009 14:00:00	7.47	25.06	-	-
04/09/2009 15:00:00	7.38	25.06	-	-

Point Sturt				
Date and Time	**Moisture Content 10 cm below ground level (vol% H_2O)**	**Moisture Content 20 cm below ground level (vol% H_2O)**	**Moisture Content 30 cm below ground level (vol% H_2O)**	**Moisture Content 40 cm below ground level (vol% H_2O)**
04/09/2009 16:00:00	7.56	25.06	-	-
04/09/2009 17:00:00	7.56	25.06	-	-
04/09/2009 18:00:00	7.50	25.04	-	-
04/09/2009 19:00:00	7.43	25.01	-	-
04/09/2009 20:00:00	7.36	24.98	-	-
04/09/2009 21:00:00	7.29	24.95	-	-
04/09/2009 22:00:00	7.23	24.91	-	-
04/09/2009 23:00:00	7.18	24.88	-	-
05/09/2009 00:00:00	7.13	24.83	-	-
05/09/2009 01:00:00	7.08	24.81	-	-
05/09/2009 02:00:00	7.03	24.79	-	-
05/09/2009 03:00:00	6.99	24.77	-	-
05/09/2009 04:00:00	6.95	24.75	-	-
05/09/2009 05:00:00	6.91	24.72	-	-
05/09/2009 06:00:00	6.86	24.68	-	-
05/09/2009 07:00:00	6.82	24.71	-	-
05/09/2009 08:00:00	6.79	24.68	-	-
05/09/2009 09:00:00	6.76	24.68	-	-
05/09/2009 10:00:00	6.73	24.67	-	-
05/09/2009 11:00:00	6.70	24.65	-	-
05/09/2009 12:00:00	6.67	24.64	-	-
05/09/2009 13:00:00	6.64	24.64	-	-
05/09/2009 14:00:00	6.61	24.64	-	-
05/09/2009 15:00:00	6.58	24.64	-	-
05/09/2009 16:00:00	6.54	24.63	-	-
05/09/2009 17:00:00	6.51	24.62	-	-
05/09/2009 18:00:00	6.47	24.61	-	-
05/09/2009 19:00:00	6.44	24.57	-	-
05/09/2009 20:00:00	6.41	24.54	-	-
05/09/2009 21:00:00	6.38	24.51	-	-
05/09/2009 22:00:00	6.35	24.47	-	-
05/09/2009 23:00:00	6.32	24.43	-	-
06/09/2009 00:00:00	6.30	24.40	-	-
06/09/2009 01:00:00	6.28	24.38	-	-
06/09/2009 02:00:00	6.26	24.37	-	-
06/09/2009 03:00:00	6.25	24.37	-	-
06/09/2009 04:00:00	6.23	24.35	-	-
06/09/2009 05:00:00	6.21	24.33	-	-
06/09/2009 06:00:00	6.19	24.29	-	-
06/09/2009 07:00:00	6.17	24.27	-	-
06/09/2009 08:00:00	6.16	24.27	-	-
06/09/2009 09:00:00	6.14	24.24	-	-
06/09/2009 10:00:00	6.13	24.22	-	-
06/09/2009 11:00:00	6.12	24.20	-	-
06/09/2009 12:00:00	6.11	24.19	-	-
06/09/2009 13:00:00	6.10	24.17	-	-
06/09/2009 14:00:00	6.08	24.14	-	-
06/09/2009 15:00:00	6.06	24.12	-	-
06/09/2009 16:00:00	6.03	24.11	-	-
06/09/2009 17:00:00	6.01	24.10	-	-
06/09/2009 18:00:00	5.99	24.07	-	-
06/09/2009 19:00:00	5.97	24.05	-	-
06/09/2009 20:00:00	5.95	24.01	-	-
06/09/2009 21:00:00	5.93	23.98	-	-
06/09/2009 22:00:00	5.91	23.95	-	-
06/09/2009 23:00:00	5.90	23.93	-	-
07/09/2009 00:00:00	5.89	23.91	-	-

Point Sturt				
Date and Time	**Moisture Content 10 cm below ground level (vol% H_2O)**	**Moisture Content 20 cm below ground level (vol% H_2O)**	**Moisture Content 30 cm below ground level (vol% H_2O)**	**Moisture Content 40 cm below ground level (vol% H_2O)**
07/09/2009 01:00:00	5.87	23.89	-	-
07/09/2009 02:00:00	5.87	23.88	-	-
07/09/2009 03:00:00	5.90	23.88	-	-
07/09/2009 04:00:00	5.98	23.87	-	-
07/09/2009 05:00:00	6.05	23.85	-	-
07/09/2009 06:00:00	6.10	23.84	-	-
07/09/2009 07:00:00	6.14	23.83	-	-
07/09/2009 08:00:00	6.39	23.84	-	-
07/09/2009 09:00:00	6.91	23.97	-	-
07/09/2009 10:00:00	7.38	24.11	-	-
07/09/2009 11:00:00	7.59	24.23	-	-
07/09/2009 12:00:00	7.65	24.29	-	-
07/09/2009 13:00:00	7.61	24.34	-	-
07/09/2009 14:00:00	7.51	24.34	-	-
07/09/2009 15:00:00	7.40	24.34	-	-
07/09/2009 16:00:00	7.29	24.33	-	-
07/09/2009 17:00:00	7.20	24.32	-	-
07/09/2009 18:00:00	7.11	24.29	-	-
07/09/2009 19:00:00	7.03	24.24	-	-
07/09/2009 20:00:00	6.97	24.22	-	-
07/09/2009 21:00:00	6.91	24.19	-	-
07/09/2009 22:00:00	6.85	24.16	-	-
07/09/2009 23:00:00	6.80	24.12	-	-
08/09/2009 00:00:00	6.75	24.10	-	-
08/09/2009 01:00:00	6.70	24.07	-	-
08/09/2009 02:00:00	6.66	24.04	-	-
08/09/2009 03:00:00	6.62	24.01	-	-
08/09/2009 04:00:00	6.59	23.98	-	-
08/09/2009 05:00:00	6.55	23.95	-	-
08/09/2009 06:00:00	6.52	23.93	-	-
08/09/2009 07:00:00	6.49	23.89	-	-
08/09/2009 08:00:00	6.45	23.86	-	-
08/09/2009 09:00:00	6.42	23.83	-	-
08/09/2009 10:00:00	6.39	23.81	-	-
08/09/2009 11:00:00	6.36	23.79	-	-
08/09/2009 12:00:00	6.33	23.78	-	-
08/09/2009 13:00:00	6.31	23.77	-	-
08/09/2009 14:00:00	6.28	23.76	-	-
08/09/2009 15:00:00	6.00	23.70	-	-
08/09/2009 16:00:00	5.98	23.69	-	-
08/09/2009 17:00:00	5.96	23.67	-	-
08/09/2009 18:00:00	5.93	23.65	-	-
08/09/2009 19:00:00	5.90	23.62	-	-
08/09/2009 20:00:00	5.88	23.59	-	-
08/09/2009 21:00:00	5.86	23.57	-	-
08/09/2009 22:00:00	5.83	23.55	-	-
08/09/2009 23:00:00	5.82	23.52	-	-
09/09/2009 00:00:00	5.80	23.50	-	-
09/09/2009 01:00:00	5.78	23.48	-	-
09/09/2009 02:00:00	5.76	23.46	-	-
09/09/2009 03:00:00	5.75	23.44	-	-
09/09/2009 04:00:00	5.73	23.41	-	-
09/09/2009 05:00:00	5.71	23.39	-	-
09/09/2009 06:00:00	5.70	23.36	-	-
09/09/2009 07:00:00	5.68	23.33	-	-
09/09/2009 08:00:00	5.67	23.30	-	-
09/09/2009 09:00:00	5.65	23.27	-	-

Point Sturt				
Date and Time	**Moisture Content 10 cm below ground level (vol% H_2O)**	**Moisture Content 20 cm below ground level (vol% H_2O)**	**Moisture Content 30 cm below ground level (vol% H_2O)**	**Moisture Content 40 cm below ground level (vol% H_2O)**
09/09/2009 10:00:00	5.64	23.25	-	-
09/09/2009 11:00:00	5.64	23.25	-	-
09/09/2009 12:00:00	5.62	23.24	-	-
09/09/2009 13:00:00	5.61	23.24	-	-
09/09/2009 14:00:00	5.59	23.23	-	-
09/09/2009 15:00:00	5.57	23.21	-	-
09/09/2009 16:00:00	5.55	23.20	-	-
09/09/2009 17:00:00	5.54	23.20	-	-
09/09/2009 18:00:00	5.51	23.17	-	-
09/09/2009 19:00:00	5.49	23.14	-	-
09/09/2009 20:00:00	5.48	23.12	-	-
09/09/2009 21:00:00	5.47	23.09	-	-
09/09/2009 22:00:00	5.45	23.06	-	-
09/09/2009 23:00:00	5.44	23.03	-	-
10/09/2009 00:00:00	5.43	23.01	-	-
10/09/2009 01:00:00	5.42	22.98	-	-
10/09/2009 02:00:00	5.41	22.96	-	-
10/09/2009 03:00:00	5.40	22.93	-	-
10/09/2009 04:00:00	5.38	22.89	-	-
10/09/2009 05:00:00	5.37	22.86	-	-
10/09/2009 06:00:00	5.36	22.83	-	-
10/09/2009 07:00:00	5.35	22.80	-	-
10/09/2009 08:00:00	5.35	22.76	-	-
10/09/2009 09:00:00	5.34	22.74	-	-
10/09/2009 10:00:00	5.34	22.72	-	-
10/09/2009 11:00:00	5.34	22.71	-	-
10/09/2009 12:00:00	5.33	22.70	-	-
10/09/2009 13:00:00	5.30	22.71	-	-
10/09/2009 14:00:00	5.28	22.72	-	-
10/09/2009 15:00:00	5.27	22.72	-	-
10/09/2009 16:00:00	5.24	22.71	-	-
10/09/2009 17:00:00	5.22	22.70	-	-
10/09/2009 18:00:00	5.21	22.69	-	-
10/09/2009 19:00:00	5.20	22.67	-	-
10/09/2009 20:00:00	5.18	22.64	-	-
10/09/2009 21:00:00	5.17	22.61	-	-
10/09/2009 22:00:00	5.16	22.58	-	-
10/09/2009 23:00:00	5.15	22.56	-	-
11/09/2009 00:00:00	5.14	22.54	-	-
11/09/2009 01:00:00	5.14	22.52	-	-
11/09/2009 02:00:00	5.13	22.51	-	-
11/09/2009 03:00:00	5.12	22.50	-	-
11/09/2009 04:00:00	5.12	22.48	-	-
11/09/2009 05:00:00	5.11	22.46	-	-
11/09/2009 06:00:00	5.10	22.44	-	-
11/09/2009 07:00:00	5.09	22.42	-	-
11/09/2009 08:00:00	4.99	22.40	-	-
11/09/2009 09:00:00	4.98	22.37	-	-
11/09/2009 10:00:00	4.97	22.35	-	-
11/09/2009 11:00:00	4.98	22.33	-	-
11/09/2009 12:00:00	4.97	22.31	-	-
11/09/2009 13:00:00	4.96	22.29	-	-
11/09/2009 14:00:00	4.94	22.27	-	-
11/09/2009 15:00:00	4.92	22.25	-	-
11/09/2009 16:00:00	4.89	22.21	-	-
11/09/2009 17:00:00	4.87	22.19	-	-
11/09/2009 18:00:00	4.85	22.15	-	-

Point Sturt				
Date and Time	**Moisture Content 10 cm below ground level (vol% H_2O)**	**Moisture Content 20 cm below ground level (vol% H_2O)**	**Moisture Content 30 cm below ground level (vol% H_2O)**	**Moisture Content 40 cm below ground level (vol% H_2O)**
11/09/2009 19:00:00	4.83	22.13	-	-
11/09/2009 20:00:00	4.82	22.09	-	-
11/09/2009 21:00:00	4.80	22.06	-	-
11/09/2009 22:00:00	4.80	22.02	-	-
11/09/2009 23:00:00	4.79	22.00	-	-
12/09/2009 00:00:00	4.78	21.96	-	-
12/09/2009 01:00:00	4.77	21.94	-	-
12/09/2009 02:00:00	4.76	21.92	-	-
12/09/2009 03:00:00	4.76	21.91	-	-
12/09/2009 04:00:00	4.76	21.89	-	-
12/09/2009 05:00:00	4.75	21.87	-	-
12/09/2009 06:00:00	4.75	21.85	-	-
12/09/2009 07:00:00	4.74	21.83	-	-
12/09/2009 08:00:00	4.74	21.82	-	-
12/09/2009 09:00:00	4.73	21.80	-	-
12/09/2009 10:00:00	4.73	21.78	-	-
12/09/2009 11:00:00	4.73	21.76	-	-
12/09/2009 12:00:00	4.72	21.74	-	-
12/09/2009 13:00:00	4.71	21.72	-	-
12/09/2009 14:00:00	4.69	21.70	-	-
12/09/2009 15:00:00	4.67	21.69	-	-
12/09/2009 16:00:00	4.65	21.67	-	-
12/09/2009 17:00:00	4.63	21.63	-	-
12/09/2009 18:00:00	4.62	21.60	-	-
12/09/2009 19:00:00	4.60	21.57	-	-
12/09/2009 20:00:00	4.59	21.54	-	-
12/09/2009 21:00:00	4.59	21.50	-	-
12/09/2009 22:00:00	4.58	21.48	-	-
12/09/2009 23:00:00	4.57	21.44	-	-
13/09/2009 00:00:00	4.57	21.41	-	-
13/09/2009 01:00:00	4.56	21.38	-	-
13/09/2009 02:00:00	4.55	21.35	-	-
13/09/2009 03:00:00	4.55	21.33	-	-
13/09/2009 04:00:00	4.54	21.29	-	-
13/09/2009 05:00:00	4.54	21.26	-	-
13/09/2009 06:00:00	4.53	21.23	-	-
13/09/2009 07:00:00	4.31	21.02	-	-
13/09/2009 08:00:00	4.30	20.99	-	-
13/09/2009 09:00:00	4.30	20.96	-	-
13/09/2009 10:00:00	4.29	20.94	-	-
13/09/2009 11:00:00	4.29	20.91	-	-
13/09/2009 12:00:00	4.29	20.89	-	-
13/09/2009 13:00:00	4.28	20.87	-	-
13/09/2009 14:00:00	4.27	20.84	-	-
13/09/2009 15:00:00	4.27	20.81	-	-
13/09/2009 16:00:00	4.25	20.78	-	-
13/09/2009 17:00:00	4.23	20.76	-	-
13/09/2009 18:00:00	4.22	20.72	-	-
13/09/2009 19:00:00	4.20	20.70	-	-
13/09/2009 20:00:00	4.19	20.67	-	-
13/09/2009 21:00:00	4.19	20.64	-	-
13/09/2009 22:00:00	4.18	20.61	-	-
13/09/2009 23:00:00	4.17	20.58	-	-
14/09/2009 00:00:00	4.17	20.56	-	-
14/09/2009 01:00:00	4.16	20.52	-	-
14/09/2009 02:00:00	4.16	20.50	-	-
14/09/2009 03:00:00	4.16	20.47	-	-

Point Sturt				
Date and Time	**Moisture Content 10 cm below ground level (vol% H_2O)**	**Moisture Content 20 cm below ground level (vol% H_2O)**	**Moisture Content 30 cm below ground level (vol% H_2O)**	**Moisture Content 40 cm below ground level (vol% H_2O)**
14/09/2009 04:00:00	4.15	20.43	-	-
14/09/2009 05:00:00	4.15	20.41	-	-
14/09/2009 06:00:00	4.15	20.37	-	-
14/09/2009 07:00:00	4.15	20.33	-	-
14/09/2009 08:00:00	4.14	20.29	-	-
14/09/2009 09:00:00	4.14	20.26	-	-
14/09/2009 10:00:00	4.15	20.23	-	-
14/09/2009 11:00:00	4.15	20.21	-	-
14/09/2009 12:00:00	4.15	20.19	-	-
14/09/2009 13:00:00	4.16	20.18	-	-
14/09/2009 14:00:00	4.14	20.18	-	-
14/09/2009 15:00:00	4.13	20.17	-	-
14/09/2009 16:00:00	4.11	20.16	-	-
14/09/2009 17:00:00	4.09	20.14	-	-
14/09/2009 18:00:00	4.08	20.13	-	-
14/09/2009 19:00:00	4.07	20.10	-	-
14/09/2009 20:00:00	4.05	20.08	-	-
14/09/2009 21:00:00	4.05	20.04	-	-
14/09/2009 22:00:00	4.04	20.01	-	-
14/09/2009 23:00:00	4.04	19.99	-	-
15/09/2009 00:00:00	4.03	19.96	-	-
15/09/2009 01:00:00	4.03	19.94	-	-
15/09/2009 02:00:00	4.03	19.92	-	-
15/09/2009 03:00:00	4.02	19.90	-	-
15/09/2009 04:00:00	4.02	19.88	-	-
15/09/2009 05:00:00	4.02	19.85	-	-
15/09/2009 06:00:00	4.01	19.82	-	-
15/09/2009 07:00:00	4.01	19.79	-	-
15/09/2009 08:00:00	4.01	19.77	-	-
15/09/2009 09:00:00	4.00	19.73	-	-
15/09/2009 10:00:00	4.01	19.71	-	-
15/09/2009 11:00:00	4.01	19.68	-	-
15/09/2009 13:56:00	4.10	19.39	29.83	46.00
15/09/2009 13:57:00	4.10	19.38	29.83	45.99
15/09/2009 13:58:00	4.09	19.38	29.83	45.96
15/09/2009 13:59:00	4.09	19.38	29.83	45.95
15/09/2009 13:50:00	4.12	19.43	29.90	46.15
15/09/2009 13:55:59				
15/09/2009 13:56:00	4.10	19.39	29.83	46.00
15/09/2009 13:57:00	4.10	19.38	29.83	45.99
15/09/2009 13:58:00	4.09	19.38	29.83	45.96
15/09/2009 13:59:00	4.09	19.38	29.83	45.95
15/09/2009 14:38:59				
15/09/2009 14:39:00	4.03	19.50	29.89	45.92
15/09/2009 15:39:00	4.03	19.49	29.90	45.96
15/09/2009 16:39:00	4.03	19.48	29.89	45.99
15/09/2009 17:39:00	4.02	19.47	29.88	46.00
15/09/2009 18:39:00	4.00	19.45	29.87	46.01
15/09/2009 19:39:00	3.99	19.42	29.87	46.01
15/09/2009 20:39:00	3.98	19.40	29.86	46.01
15/09/2009 21:39:00	3.97	19.38	29.85	46.02
15/09/2009 22:39:00	3.96	19.36	29.84	46.01
15/09/2009 23:39:00	3.96	19.34	29.83	46.01
16/09/2009 00:39:00	3.95	19.32	29.83	46.01
16/09/2009 01:39:00	3.95	19.31	29.82	46.00
16/09/2009 02:39:00	3.95	19.30	29.81	46.00
16/09/2009 03:39:00	3.95	19.27	29.80	45.99

Point Sturt				
Date and Time	**Moisture Content 10 cm below ground level (vol% H_2O)**	**Moisture Content 20 cm below ground level (vol% H_2O)**	**Moisture Content 30 cm below ground level (vol% H_2O)**	**Moisture Content 40 cm below ground level (vol% H_2O)**
16/09/2009 04:39:00	3.95	19.25	29.80	45.99
16/09/2009 05:39:00	3.94	19.22	29.80	45.98
16/09/2009 06:39:00	3.94	19.20	29.80	45.98
16/09/2009 07:39:00	3.94	19.19	29.79	45.96
16/09/2009 08:39:00	3.94	19.14	29.79	45.96
16/09/2009 09:39:00	3.93	19.15	29.77	45.95
16/09/2009 10:39:00	3.93	19.14	29.76	45.94
16/09/2009 11:39:00	3.93	19.12	29.76	45.93
16/09/2009 12:39:00	3.93	19.08	29.73	45.90
16/09/2009 13:39:00	3.93	19.07	29.73	45.88
16/09/2009 14:39:00	3.92	19.06	29.73	45.89
16/09/2009 15:39:00	3.92	19.06	29.71	45.88
16/09/2009 16:39:00	3.92	19.05	29.71	45.88
16/09/2009 17:39:00	3.92	19.04	29.69	45.87
16/09/2009 18:39:00	3.92	19.01	29.68	45.84
16/09/2009 19:39:00	3.93	18.99	29.62	45.74
16/09/2009 20:39:00	5.00	19.01	29.47	45.44
16/09/2009 21:39:00	6.80	19.17	29.49	45.41
16/09/2009 22:39:00	7.39	19.38	29.53	45.42
16/09/2009 23:39:00	7.97	19.61	29.58	45.43
17/09/2009 00:39:00	7.95	19.78	29.63	45.49
17/09/2009 01:39:00	7.88	19.90	29.66	45.53
17/09/2009 02:39:00	7.80	19.98	29.69	45.56
17/09/2009 03:39:00	11.79	20.20	29.49	44.80
17/09/2009 04:39:00	11.52	21.00	29.70	44.95
17/09/2009 05:39:00	10.01	21.33	29.92	45.30
17/09/2009 06:39:00	9.32	21.56	30.06	45.51
17/09/2009 07:39:00	8.88	21.70	30.14	45.63
17/09/2009 08:39:00	8.57	21.80	30.20	45.73
17/09/2009 09:39:00	8.31	21.86	30.24	45.80
17/09/2009 10:39:00	8.07	21.90	30.28	45.85
17/09/2009 11:39:00	7.84	21.91	30.30	45.90
17/09/2009 12:39:00	7.60	21.92	30.32	45.94
17/09/2009 13:39:00	7.34	21.91	30.34	46.00
17/09/2009 14:39:00	7.12	21.90	30.36	46.03
17/09/2009 15:39:00	6.93	21.88	30.36	46.05
17/09/2009 16:39:00	6.78	21.86	30.37	46.07
17/09/2009 17:39:00	6.66	21.83	30.37	46.08
17/09/2009 18:39:00	6.58	21.81	30.36	46.08
17/09/2009 19:39:00	6.51	21.77	30.36	46.07
17/09/2009 20:39:00	6.45	21.74	30.36	46.07
17/09/2009 21:39:00	6.40	21.70	30.35	46.05
17/09/2009 22:39:00	6.35	21.68	30.35	46.04
17/09/2009 23:39:00	6.30	21.64	30.35	46.03
18/09/2009 00:39:00	6.26	21.62	30.34	46.02
18/09/2009 01:39:00	6.21	21.58	30.34	46.01
18/09/2009 02:39:00	6.18	21.56	30.33	46.00
18/09/2009 03:39:00	6.14	21.53	30.33	45.98
18/09/2009 04:39:00	6.10	21.50	30.33	45.95
18/09/2009 05:39:00	6.07	21.46	30.32	45.94
18/09/2009 06:39:00	6.04	21.44	30.32	45.93
18/09/2009 07:39:00	6.01	21.40	30.32	45.91
18/09/2009 08:39:00	5.99	21.37	30.32	45.90
18/09/2009 09:39:00	5.98	21.35	30.32	45.89
18/09/2009 10:39:00	5.95	21.34	30.32	45.89
18/09/2009 11:39:00	5.91	21.33	30.31	45.89
18/09/2009 12:39:00	5.88	21.31	30.31	45.89

Point Sturt				
Date and Time	**Moisture Content 10 cm below ground level (vol% H_2O)**	**Moisture Content 20 cm below ground level (vol% H_2O)**	**Moisture Content 30 cm below ground level (vol% H_2O)**	**Moisture Content 40 cm below ground level (vol% H_2O)**
18/09/2009 13:39:00	5.84	21.31	30.30	45.90
18/09/2009 14:39:00	5.79	21.31	30.30	45.92
18/09/2009 15:39:00	5.74	21.29	30.29	45.94
18/09/2009 16:39:00	5.70	21.28	30.29	45.95
18/09/2009 17:39:00	5.66	21.27	30.28	45.98
18/09/2009 18:39:00	5.63	21.25	30.27	45.99
18/09/2009 19:39:00	5.60	21.23	30.26	45.99
18/09/2009 20:39:00	5.57	21.21	30.25	45.99
18/09/2009 21:39:00	5.55	21.18	30.25	45.99
18/09/2009 22:39:00	5.53	21.15	30.25	45.98
18/09/2009 23:39:00	5.51	21.13	30.23	45.98
19/09/2009 00:39:00	5.50	21.12	30.22	45.96
19/09/2009 01:39:00	5.48	21.09	30.21	45.96
19/09/2009 02:39:00	5.47	21.06	30.20	45.91
19/09/2009 03:39:00	5.46	21.04	30.18	45.89
19/09/2009 04:39:00	5.45	21.02	30.18	45.89
19/09/2009 05:39:00	5.44	20.98	30.17	45.88
19/09/2009 06:39:00	5.42	20.95	30.17	45.88
19/09/2009 07:39:00	5.42	20.92	30.16	45.87
19/09/2009 08:39:00	5.47	20.91	30.17	45.83
19/09/2009 09:39:00	5.48	20.93	30.21	45.77
19/09/2009 10:39:00	5.49	20.89	30.20	45.77
19/09/2009 11:39:00	5.47	20.87	30.20	45.77
19/09/2009 12:39:00	5.46	20.85	30.19	45.78
19/09/2009 13:39:00	5.46	20.85	30.18	45.77
19/09/2009 14:39:00	5.43	20.83	30.17	45.79
19/09/2009 15:39:00	5.40	20.82	30.17	45.81
19/09/2009 16:39:00	5.36	20.80	30.17	45.83
19/09/2009 17:39:00	5.33	20.78	30.16	45.84
19/09/2009 18:39:00	5.31	20.76	30.15	45.85
19/09/2009 19:39:00	5.29	20.74	30.14	45.86
19/09/2009 20:39:00	5.27	20.71	30.13	45.85
19/09/2009 21:39:00	5.26	20.68	30.13	45.85
19/09/2009 22:39:00	5.25	20.65	30.12	45.84
19/09/2009 23:39:00	5.24	20.63	30.11	45.84
20/09/2009 00:39:00	5.23	20.60	30.11	45.83
20/09/2009 01:39:00	5.22	20.57	30.10	45.82
20/09/2009 02:39:00	5.21	20.54	30.10	45.82
20/09/2009 03:39:00	5.20	20.51	30.09	45.81
20/09/2009 04:39:00	5.19	20.49	30.09	45.79
20/09/2009 05:39:00	5.18	20.45	30.09	45.79
20/09/2009 06:39:00	5.17	20.41	30.08	45.77
20/09/2009 07:39:00	5.16	20.38	30.07	45.76
20/09/2009 08:39:00	5.16	20.34	30.07	45.75
20/09/2009 09:39:00	5.15	20.31	30.07	45.74
20/09/2009 10:39:00	5.14	20.29	30.06	45.74
20/09/2009 11:39:00	5.13	20.26	30.06	45.73
20/09/2009 12:39:00	5.12	20.24	30.05	45.73
20/09/2009 13:39:00	5.09	20.23	30.04	45.74
20/09/2009 14:39:00	5.06	20.22	30.03	45.75
20/09/2009 15:39:00	5.03	20.20	30.02	45.77
20/09/2009 16:39:00	5.00	20.19	30.02	45.78
20/09/2009 17:39:00	4.98	20.17	30.01	45.79
20/09/2009 18:39:00	4.96	20.15	30.00	45.80
20/09/2009 19:39:00	4.94	20.12	29.99	45.80
20/09/2009 20:39:00	4.93	20.09	29.98	45.80
20/09/2009 21:39:00	4.92	20.07	29.98	45.80

Point Sturt				
Date and Time	**Moisture Content 10 cm below ground level (vol% H_2O)**	**Moisture Content 20 cm below ground level (vol% H_2O)**	**Moisture Content 30 cm below ground level (vol% H_2O)**	**Moisture Content 40 cm below ground level (vol% H_2O)**
20/09/2009 22:39:00	4.91	20.04	29.97	45.79
20/09/2009 23:39:00	4.90	20.03	29.96	45.79
21/09/2009 00:39:00	4.89	19.99	29.95	45.78
21/09/2009 01:39:00	4.89	19.97	29.95	45.77
21/09/2009 02:39:00	4.88	19.96	29.95	45.76
21/09/2009 03:39:00	4.87	19.95	29.94	45.75
21/09/2009 04:39:00	4.87	19.92	29.94	45.73
21/09/2009 05:39:00	4.87	19.90	29.93	45.73
21/09/2009 06:39:00	4.86	19.87	29.92	45.72
21/09/2009 07:39:00	4.85	19.84	29.92	45.71
21/09/2009 08:39:00	4.85	19.84	29.92	45.63
21/09/2009 09:39:00	4.92	19.81	29.89	45.86
21/09/2009 10:39:00	4.91	19.83	29.88	45.85
21/09/2009 11:39:00	4.91	19.84	29.87	45.84
21/09/2009 12:39:00	4.91	19.83	29.83	45.77
21/09/2009 13:39:00	5.09	19.89	29.71	45.46
21/09/2009 14:39:00	5.85	20.15	29.77	45.47
21/09/2009 15:39:00	7.60	20.44	29.71	44.84
21/09/2009 16:39:00	13.65	26.20	31.29	45.39
21/09/2009 17:39:00	12.75	27.08	31.36	45.53
21/09/2009 18:39:00	12.66	27.41	31.39	45.59
21/09/2009 19:39:00	12.51	27.47	31.40	45.60
21/09/2009 20:39:00	12.27	27.47	31.41	45.63
21/09/2009 21:39:00	12.00	27.44	31.41	45.66
21/09/2009 22:39:00	11.74	27.40	31.40	45.68
21/09/2009 23:39:00	11.46	27.37	31.41	45.71
22/09/2009 00:39:00	11.21	27.33	31.40	45.74
22/09/2009 01:39:00	10.96	27.28	31.41	45.77
22/09/2009 02:39:00	10.74	27.24	31.41	45.80
22/09/2009 03:39:00	10.55	27.21	31.40	45.82
22/09/2009 04:39:00	10.36	27.17	31.40	45.84
22/09/2009 05:39:00	10.18	27.13	31.41	45.87
22/09/2009 06:39:00	10.01	27.11	31.41	45.88
22/09/2009 07:39:00	9.87	27.08	31.41	45.90
22/09/2009 08:39:00	9.73	27.04	31.42	45.92
22/09/2009 09:39:00	9.55	27.00	31.42	45.96
22/09/2009 10:39:00	9.38	26.95	31.42	46.00
22/09/2009 11:39:00	9.22	26.89	31.42	46.04
22/09/2009 12:39:00	9.08	26.84	31.41	46.06
22/09/2009 13:39:00	9.02	26.80	31.34	45.90
22/09/2009 14:39:00	9.20	26.82	31.34	45.95
22/09/2009 15:39:00	9.08	26.80	31.34	46.01
22/09/2009 16:39:00	8.94	26.76	31.34	45.99
22/09/2009 17:39:00	11.90	27.06	31.17	45.21
22/09/2009 18:39:00	13.00	27.60	31.25	45.43
22/09/2009 19:39:00	13.04	27.73	31.26	45.45
22/09/2009 20:39:00	16.05	28.19	31.13	45.13
22/09/2009 21:39:00	17.63	28.50	31.16	45.21
22/09/2009 22:39:00	18.56	28.60	31.17	45.23
22/09/2009 23:39:00	18.60	28.62	31.17	45.25
23/09/2009 00:39:00	18.94	28.65	31.17	45.20
23/09/2009 01:39:00	19.03	28.68	31.18	45.25
23/09/2009 02:39:00	20.22	28.74	31.18	45.19
23/09/2009 03:39:00	20.08	28.75	31.19	45.22
23/09/2009 04:39:00	19.77	28.76	31.20	45.24
23/09/2009 05:39:00	19.40	28.78	31.21	45.27
23/09/2009 06:39:00	19.04	28.79	31.22	45.28

Point Sturt				
Date and Time	**Moisture Content 10 cm below ground level (vol% H_2O)**	**Moisture Content 20 cm below ground level (vol% H_2O)**	**Moisture Content 30 cm below ground level (vol% H_2O)**	**Moisture Content 40 cm below ground level (vol% H_2O)**
23/09/2009 07:39:00	18.65	28.80	31.23	45.30
23/09/2009 08:39:00	18.65	28.82	31.24	45.30
23/09/2009 09:39:00	19.27	28.85	31.25	45.29
23/09/2009 10:39:00	18.87	28.83	31.25	45.32
23/09/2009 11:39:00	18.33	28.82	31.26	45.35
23/09/2009 12:39:00	17.70	28.79	31.26	45.39
23/09/2009 13:39:00	17.01	28.76	31.26	45.42
23/09/2009 14:39:00	16.38	28.73	31.26	45.44
23/09/2009 15:39:00	15.83	28.72	31.25	45.46
23/09/2009 16:39:00	15.29	28.72	31.25	45.49
23/09/2009 17:39:00	14.82	28.72	31.25	45.51
23/09/2009 18:39:00	14.41	28.73	31.25	45.53
23/09/2009 19:39:00	14.07	28.74	31.25	45.54
23/09/2009 20:39:00	13.76	28.75	31.25	45.56
23/09/2009 21:39:00	13.49	28.76	31.26	45.58
23/09/2009 22:39:00	13.26	28.76	31.26	45.59
23/09/2009 23:39:00	13.04	28.76	31.26	45.61
24/09/2009 00:39:00	12.84	28.75	31.27	45.63
24/09/2009 01:39:00	12.65	28.75	31.26	45.64
24/09/2009 02:39:00	12.46	28.74	31.27	45.65
24/09/2009 03:39:00	12.29	28.73	31.27	45.67
24/09/2009 04:39:00	12.13	28.73	31.27	45.68
24/09/2009 05:39:00	11.98	28.71	31.28	45.69
24/09/2009 06:39:00	11.82	28.68	31.28	45.71
24/09/2009 07:39:00	11.67	28.68	31.29	45.73
24/09/2009 08:39:00	11.52	28.65	31.29	45.75
24/09/2009 09:39:00	11.33	28.61	31.30	45.79
24/09/2009 10:39:00	11.39	28.56	31.28	45.86
24/09/2009 11:39:00	11.17	28.52	31.27	45.89
24/09/2009 12:39:00	10.99	28.47	31.26	45.92
24/09/2009 13:39:00	10.82	28.43	31.25	45.95
24/09/2009 14:39:00	10.66	28.38	31.23	45.98
24/09/2009 15:39:00	10.51	28.34	31.21	46.00
24/09/2009 16:39:00	10.50	28.33	31.21	46.04
24/09/2009 17:39:00	10.37	28.31	31.19	46.06
24/09/2009 18:39:00	10.26	28.27	31.17	46.07
24/09/2009 19:39:00	10.14	28.25	31.17	46.08
24/09/2009 20:39:00	10.03	28.22	31.16	46.09
24/09/2009 21:39:00	9.94	28.20	31.15	46.09
24/09/2009 22:39:00	9.86	28.18	31.13	46.09
24/09/2009 23:39:00	9.76	28.15	31.13	46.09
25/09/2009 00:39:00	9.65	28.14	31.14	46.10
25/09/2009 01:39:00	9.55	28.10	31.14	46.11
25/09/2009 02:39:00	9.48	28.08	31.13	46.09
25/09/2009 03:39:00	9.42	28.07	31.13	46.09
25/09/2009 04:39:00	9.38	28.07	31.13	46.07
25/09/2009 05:39:00	9.49	28.07	31.11	45.96
25/09/2009 06:39:00	9.62	28.06	31.11	45.95
25/09/2009 07:39:00	9.73	28.08	31.13	45.96
25/09/2009 08:39:00	9.69	28.09	31.13	45.99
25/09/2009 09:39:00	9.67	28.09	31.13	45.95
25/09/2009 10:39:00	9.66	28.09	31.13	45.99
25/09/2009 11:39:00	9.58	28.07	31.14	46.02
25/09/2009 12:39:00	9.47	28.04	31.14	46.04
25/09/2009 13:39:00	9.36	28.01	31.07	45.84
25/09/2009 14:39:00	9.78	28.05	31.06	45.78
25/09/2009 15:39:00	9.92	28.09	31.07	45.76

Point Sturt				
Date and Time	**Moisture Content 10 cm below ground level (vol% H_2O)**	**Moisture Content 20 cm below ground level (vol% H_2O)**	**Moisture Content 30 cm below ground level (vol% H_2O)**	**Moisture Content 40 cm below ground level (vol% H_2O)**
25/09/2009 16:39:00	10.68	28.21	31.08	45.62
25/09/2009 17:39:00	10.72	28.27	31.11	45.69
25/09/2009 18:39:00	10.71	28.29	31.13	45.70
25/09/2009 19:39:00	10.68	28.32	31.14	45.74
25/09/2009 20:39:00	10.61	28.33	31.15	45.76
25/09/2009 21:39:00	10.53	28.35	31.17	45.77
25/09/2009 22:39:00	10.44	28.35	31.17	45.79
25/09/2009 23:39:00	10.35	28.35	31.18	45.80
26/09/2009 00:39:00	10.25	28.36	31.19	45.80
26/09/2009 01:39:00	10.16	28.35	31.20	45.81
26/09/2009 02:39:00	10.07	28.35	31.21	45.82
26/09/2009 03:39:00	9.96	28.35	31.21	45.80
26/09/2009 04:39:00	9.99	28.36	31.22	45.79
26/09/2009 05:39:00	10.04	28.38	31.22	45.73
26/09/2009 06:39:00	10.49	28.47	31.21	45.64
26/09/2009 07:39:00	10.63	28.52	31.25	45.67
26/09/2009 08:39:00	10.61	28.54	31.29	45.73
26/09/2009 09:39:00	10.59	28.54	31.30	45.75
26/09/2009 10:39:00	10.52	28.54	31.33	45.80
26/09/2009 11:39:00	10.41	28.51	31.34	45.84
26/09/2009 12:39:00	10.25	28.46	31.34	45.87
26/09/2009 13:39:00	10.10	28.43	31.34	45.90
26/09/2009 14:39:00	9.94	28.38	31.33	45.93
26/09/2009 15:39:00	9.78	28.35	31.31	45.95
26/09/2009 16:39:00	9.62	28.32	31.30	45.98
26/09/2009 17:39:00	9.47	28.30	31.29	46.00
26/09/2009 18:39:00	9.34	28.29	31.29	46.01
26/09/2009 19:39:00	9.34	28.29	31.25	45.87
26/09/2009 20:39:00	9.57	28.33	31.25	45.83
26/09/2009 21:39:00	9.80	28.39	31.25	45.77
26/09/2009 22:39:00	9.97	28.43	31.27	45.80
26/09/2009 23:39:00	9.98	28.46	31.29	45.83
27/09/2009 00:39:00	9.96	28.46	31.29	45.84
27/09/2009 01:39:00	9.94	28.48	31.30	45.84
27/09/2009 02:39:00	9.91	28.48	31.31	45.85
27/09/2009 03:39:00	9.89	28.49	31.31	45.83
27/09/2009 04:39:00	9.87	28.50	31.33	45.85
27/09/2009 05:39:00	9.85	28.50	31.33	45.86
27/09/2009 06:39:00	9.78	28.51	31.34	45.88
27/09/2009 07:39:00	9.70	28.50	31.36	45.90
27/09/2009 08:39:00	9.64	28.50	31.38	45.89
27/09/2009 09:39:00	9.55	28.50	31.38	45.91
27/09/2009 10:39:00	9.48	28.47	31.38	45.90
27/09/2009 11:39:00	9.43	28.46	31.38	45.91
27/09/2009 12:39:00	9.38	28.43	31.38	45.93
27/09/2009 13:39:00	9.29	28.39	31.38	45.92
27/09/2009 14:39:00	9.21	28.36	31.37	45.93
27/09/2009 15:39:00	9.12	28.33	31.35	45.95
27/09/2009 16:39:00	9.03	28.31	31.34	45.98
27/09/2009 17:39:00	8.94	28.29	31.34	45.99
27/09/2009 18:39:00	8.86	28.27	31.33	45.99
27/09/2009 19:39:00	8.78	28.25	31.32	45.99
27/09/2009 20:39:00	8.72	28.25	31.32	46.00
27/09/2009 21:39:00	8.66	28.23	31.32	46.01
27/09/2009 22:39:00	8.60	28.21	31.32	46.01
27/09/2009 23:39:00	8.55	28.20	31.32	46.01
28/09/2009 00:39:00	8.50	28.18	31.32	46.01

Point Sturt				
Date and Time	**Moisture Content 10 cm below ground level (vol% H_2O)**	**Moisture Content 20 cm below ground level (vol% H_2O)**	**Moisture Content 30 cm below ground level (vol% H_2O)**	**Moisture Content 40 cm below ground level (vol% H_2O)**
28/09/2009 01:39:00	8.45	28.17	31.31	46.00
28/09/2009 02:39:00	8.43	28.16	31.31	46.00
28/09/2009 03:39:00	8.39	28.14	31.31	46.00
28/09/2009 04:39:00	8.35	28.13	31.32	46.00
28/09/2009 05:39:00	8.29	28.11	31.32	46.00
28/09/2009 06:39:00	8.27	28.11	31.33	46.00
28/09/2009 07:39:00	8.24	28.11	31.34	46.00
28/09/2009 08:39:00	8.21	28.09	31.34	46.01
28/09/2009 09:39:00	8.19	28.07	31.34	46.00
28/09/2009 10:39:00	8.19	28.04	31.34	46.00
28/09/2009 11:39:00	8.17	28.01	31.34	46.01
28/09/2009 12:39:00	8.16	27.98	31.33	46.02
28/09/2009 13:39:00	8.14	27.95	31.31	46.03
28/09/2009 14:39:00	8.11	27.93	31.29	46.04
28/09/2009 15:39:00	8.10	27.90	31.28	46.05
28/09/2009 16:39:00	8.06	27.89	31.26	46.06
28/09/2009 17:39:00	8.02	27.88	31.25	46.07
28/09/2009 18:39:00	7.98	27.87	31.25	46.08
28/09/2009 19:39:00	7.94	27.85	31.25	46.09
28/09/2009 20:39:00	7.90	27.84	31.24	46.09
28/09/2009 21:39:00	7.87	27.83	31.24	46.09
28/09/2009 22:39:00	7.83	27.82	31.24	46.09
28/09/2009 23:39:00	7.80	27.81	31.24	46.08
29/09/2009 00:39:00	7.77	27.80	31.24	46.08
29/09/2009 01:39:00	7.75	27.79	31.24	46.08
29/09/2009 02:39:00	7.72	27.77	31.24	46.08
29/09/2009 03:39:00	7.69	27.76	31.24	46.08
29/09/2009 04:39:00	7.66	27.74	31.25	46.08
29/09/2009 05:39:00	7.64	27.73	31.25	46.08
29/09/2009 06:39:00	7.61	27.71	31.25	46.09
29/09/2009 07:39:00	7.58	27.69	31.25	46.09
29/09/2009 08:39:00	7.55	27.68	31.26	46.09
29/09/2009 09:39:00	7.54	27.66	31.26	46.09
29/09/2009 10:39:00	7.53	27.63	31.25	46.08
29/09/2009 11:39:00	7.52	27.60	31.25	46.07
29/09/2009 12:39:00	7.51	27.57	31.23	46.07
29/09/2009 13:39:00	7.50	27.52	31.21	46.09
29/09/2009 14:39:00	7.49	27.50	31.19	46.09
29/09/2009 15:39:00	7.48	27.47	31.18	46.07
29/09/2009 16:39:00	7.46	27.45	31.17	46.08
29/09/2009 17:39:00	7.43	27.43	31.15	46.09
29/09/2009 18:39:00	7.41	27.43	31.13	46.10
29/09/2009 19:39:00	7.39	27.40	31.13	46.10
29/09/2009 20:39:00	7.35	27.40	31.12	46.11
29/09/2009 21:39:00	7.32	27.37	31.12	46.11
29/09/2009 22:39:00	7.29	27.36	31.12	46.12
29/09/2009 23:39:00	7.26	27.34	31.12	46.12
30/09/2009 00:39:00	7.23	27.32	31.12	46.12
30/09/2009 01:39:00	7.21	27.30	31.12	46.12
30/09/2009 02:39:00	7.18	27.29	31.12	46.12
30/09/2009 03:39:00	7.16	27.27	31.13	46.13
30/09/2009 04:39:00	7.12	27.26	31.13	46.13
30/09/2009 05:39:00	7.10	27.24	31.13	46.13
30/09/2009 06:39:00	7.06	27.20	31.14	46.14
30/09/2009 07:39:00	7.03	27.18	31.14	46.16
30/09/2009 08:39:00	6.99	27.16	31.14	46.16
30/09/2009 09:39:00	6.97	27.14	31.14	46.16

Point Sturt				
Date and Time	**Moisture Content 10 cm below ground level (vol% H_2O)**	**Moisture Content 20 cm below ground level (vol% H_2O)**	**Moisture Content 30 cm below ground level (vol% H_2O)**	**Moisture Content 40 cm below ground level (vol% H_2O)**
30/09/2009 10:39:00	6.94	27.11	31.14	46.15
30/09/2009 11:39:00	6.93	27.08	31.13	46.16
30/09/2009 12:39:00	6.92	27.05	31.13	46.17
30/09/2009 13:39:00	6.89	27.03	31.12	46.17
30/09/2009 14:39:00	6.86	27.00	31.11	46.18
30/09/2009 15:39:00	6.83	26.97	31.10	46.19
30/09/2009 16:39:00	6.83	26.95	31.08	46.19
30/09/2009 17:39:00	6.78	26.92	31.09	46.21
30/09/2009 18:39:00	6.76	26.89	31.09	46.21
30/09/2009 19:39:00	6.74	26.88	31.08	46.21
30/09/2009 20:39:00	6.73	26.86	31.08	46.21
30/09/2009 21:39:00	6.70	26.83	31.08	46.21
30/09/2009 22:39:00	6.68	26.82	31.08	46.21
30/09/2009 23:39:00	6.66	26.80	31.09	46.22
01/10/2009 00:39:00	6.63	26.78	31.10	46.23
01/10/2009 01:39:00	6.62	26.75	31.11	46.23
01/10/2009 02:39:00	6.60	26.74	31.11	46.23
01/10/2009 03:39:00	6.58	26.72	31.11	46.23
01/10/2009 04:39:00	6.56	26.69	31.13	46.24
01/10/2009 05:39:00	6.54	26.68	31.13	46.24
01/10/2009 06:39:00	6.51	26.65	31.13	46.25
01/10/2009 07:39:00	6.49	26.62	31.14	46.25
01/10/2009 08:39:00	6.46	26.59	31.16	46.25
01/10/2009 09:39:00	6.44	26.56	31.15	46.25
01/10/2009 10:39:00	6.42	26.54	31.16	46.25
01/10/2009 11:39:00	6.39	26.51	31.16	46.26
01/10/2009 12:39:00	6.38	26.50	31.16	46.26
01/10/2009 13:39:00	6.37	26.47	31.14	46.26
01/10/2009 14:39:00	6.34	26.44	31.14	46.26
01/10/2009 15:39:00	6.32	26.41	31.13	46.28
01/10/2009 16:39:00	6.30	26.38	31.13	46.29
01/10/2009 17:39:00	6.29	26.35	31.13	46.29
01/10/2009 18:39:00	6.27	26.33	31.13	46.30
01/10/2009 19:39:00	6.25	26.30	31.13	46.31
01/10/2009 20:39:00	6.24	26.28	31.13	46.31
01/10/2009 21:39:00	6.22	26.25	31.13	46.31
01/10/2009 22:39:00	6.21	26.23	31.13	46.31
01/10/2009 23:39:00	6.20	26.20	31.13	46.31
02/10/2009 00:39:00	6.18	26.17	31.14	46.31
02/10/2009 01:39:00	6.17	26.16	31.14	46.31
02/10/2009 02:39:00	6.17	26.14	31.13	46.28
02/10/2009 03:39:00	6.16	26.12	31.14	46.28
02/10/2009 04:39:00	6.15	26.11	31.15	46.29
02/10/2009 05:39:00	6.14	26.07	31.15	46.29
02/10/2009 06:39:00	6.12	26.04	31.16	46.29
02/10/2009 07:39:00	6.10	26.01	31.16	46.28
02/10/2009 08:39:00	6.10	25.99	31.16	46.24
02/10/2009 09:39:00	6.10	25.97	31.15	46.22
02/10/2009 10:39:00	6.22	25.99	31.13	46.15
02/10/2009 11:39:00	6.32	26.01	31.15	46.18
02/10/2009 12:39:00	6.35	26.02	31.16	46.19
02/10/2009 13:39:00	6.35	26.00	31.17	46.21
02/10/2009 14:39:00	6.32	25.99	31.17	46.23
02/10/2009 15:39:00	6.29	25.96	31.16	46.24
02/10/2009 16:39:00	6.26	25.94	31.16	46.25
02/10/2009 17:39:00	6.23	25.91	31.16	46.26
02/10/2009 18:39:00	6.20	25.89	31.17	46.27

Point Sturt				
Date and Time	**Moisture Content 10 cm below ground level (vol% H_2O)**	**Moisture Content 20 cm below ground level (vol% H_2O)**	**Moisture Content 30 cm below ground level (vol% H_2O)**	**Moisture Content 40 cm below ground level (vol% H_2O)**
02/10/2009 19:39:00	6.18	25.87	31.16	46.26
02/10/2009 20:39:00	6.15	25.85	31.16	46.27
02/10/2009 21:39:00	6.14	25.83	31.17	46.28
02/10/2009 22:39:00	6.12	25.82	31.17	46.28
02/10/2009 23:39:00	6.10	25.80	31.17	46.28
03/10/2009 00:39:00	6.09	25.78	31.18	46.28
03/10/2009 01:39:00	6.08	25.76	31.18	46.28
03/10/2009 02:39:00	6.07	25.74	31.16	46.22
03/10/2009 03:39:00	6.08	25.74	31.16	46.21
03/10/2009 04:39:00	6.10	25.73	31.17	46.20
03/10/2009 05:39:00	6.10	25.71	31.17	46.20
03/10/2009 06:39:00	6.15	25.71	31.17	46.16
03/10/2009 07:39:00	6.20	25.71	31.17	46.14
03/10/2009 08:39:00	6.29	25.73	31.17	46.13
03/10/2009 09:39:00	6.41	25.75	31.14	46.01
03/10/2009 10:39:00	6.70	25.83	31.16	46.02
03/10/2009 11:39:00	6.77	25.88	31.17	46.06
03/10/2009 12:39:00	6.73	25.88	31.19	46.11
03/10/2009 13:39:00	6.66	25.87	31.19	46.13
03/10/2009 14:39:00	6.60	25.85	31.18	46.15
03/10/2009 15:39:00	6.54	25.83	31.17	46.17
03/10/2009 16:39:00	6.49	25.80	31.17	46.19
03/10/2009 17:39:00	6.44	25.77	31.17	46.20
03/10/2009 18:39:00	6.40	25.75	31.17	46.21
03/10/2009 19:39:00	6.36	25.73	31.16	46.22
03/10/2009 20:39:00	6.32	25.71	31.16	46.22
03/10/2009 21:39:00	6.29	25.68	31.16	46.22
03/10/2009 22:39:00	6.26	25.67	31.17	46.22
03/10/2009 23:39:00	6.23	25.66	31.17	46.22
04/10/2009 00:39:00	6.20	25.64	31.17	46.21
04/10/2009 01:39:00	6.18	25.63	31.17	46.21
04/10/2009 02:39:00	6.16	25.62	31.17	46.21
04/10/2009 03:39:00	6.15	25.60	31.17	46.21
04/10/2009 04:39:00	6.13	25.59	31.18	46.21
04/10/2009 05:39:00	6.11	25.56	31.19	46.21
04/10/2009 06:39:00	6.02	25.50	31.13	46.29
04/10/2009 07:39:00	6.01	25.49	31.12	46.28
04/10/2009 08:39:00	6.00	25.47	31.12	46.28
04/10/2009 09:39:00	5.99	25.45	31.12	46.28
04/10/2009 10:39:00	5.97	25.44	31.12	46.29
04/10/2009 11:39:00	5.95	25.41	31.12	46.28
04/10/2009 12:39:00	5.93	25.40	31.12	46.29
04/10/2009 13:39:00	5.91	25.37	31.11	46.30
04/10/2009 14:39:00	5.89	25.35	31.10	46.30
04/10/2009 15:39:00	5.87	25.33	31.09	46.31
04/10/2009 16:39:00	5.85	25.30	31.08	46.32
04/10/2009 17:39:00	5.83	25.29	31.08	46.33
04/10/2009 18:39:00	5.82	25.27	31.07	46.35
04/10/2009 19:39:00	5.80	25.25	31.05	46.35
04/10/2009 20:39:00	5.78	25.23	31.05	46.36
04/10/2009 21:39:00	5.77	25.21	31.04	46.37
04/10/2009 22:39:00	5.76	25.19	31.04	46.37
04/10/2009 23:39:00	5.75	25.18	31.03	46.37
05/10/2009 00:39:00	5.74	25.16	31.03	46.37
05/10/2009 01:39:00	5.73	25.14	31.02	46.36
05/10/2009 02:39:00	5.72	25.12	31.01	46.36
05/10/2009 03:39:00	5.71	25.10	31.01	46.36

Point Sturt				
Date and Time	**Moisture Content 10 cm below ground level (vol% H_2O)**	**Moisture Content 20 cm below ground level (vol% H_2O)**	**Moisture Content 30 cm below ground level (vol% H_2O)**	**Moisture Content 40 cm below ground level (vol% H_2O)**
05/10/2009 04:39:00	5.70	25.06	31.01	46.36
05/10/2009 05:39:00	5.69	25.01	31.01	46.37
05/10/2009 06:39:00	5.67	24.98	31.00	46.37
05/10/2009 07:39:00	5.66	24.95	31.00	46.36
05/10/2009 08:39:00	5.65	24.91	31.00	46.36
05/10/2009 09:39:00	5.64	24.89	31.00	46.35
05/10/2009 10:39:00	5.62	24.86	31.00	46.36
05/10/2009 11:39:00	5.62	24.84	30.98	46.31
05/10/2009 12:39:00	5.64	24.83	30.96	46.27
05/10/2009 13:39:00	5.67	24.82	30.97	46.29
05/10/2009 14:39:00	5.68	24.81	30.97	46.32
05/10/2009 15:39:00	5.67	24.79	30.97	46.33
05/10/2009 16:39:00	5.66	24.77	30.97	46.34
05/10/2009 17:39:00	5.64	24.75	30.97	46.36
05/10/2009 18:39:00	5.63	24.73	30.96	46.36
05/10/2009 19:39:00	5.62	24.70	30.96	46.37
05/10/2009 20:39:00	5.61	24.67	30.96	46.37
05/10/2009 21:39:00	5.60	24.65	30.95	46.37
05/10/2009 22:39:00	5.59	24.64	30.95	46.37
05/10/2009 23:39:00	5.58	24.62	30.95	46.37
06/10/2009 00:39:00	5.57	24.59	30.95	46.38
06/10/2009 01:39:00	5.56	24.58	30.94	46.37
06/10/2009 02:39:00	5.56	24.55	30.93	46.36
06/10/2009 03:39:00	5.55	24.52	30.93	46.36
06/10/2009 04:39:00	5.54	24.50	30.93	46.36
06/10/2009 05:39:00	5.53	24.47	30.92	46.36
06/10/2009 06:39:00	5.52	24.44	30.92	46.36
06/10/2009 07:39:00	5.51	24.41	30.92	46.36
06/10/2009 08:39:00	5.49	24.39	30.92	46.35
06/10/2009 09:39:00	5.43	24.39	30.92	46.34
06/10/2009 10:39:00	5.42	24.37	30.92	46.33
06/10/2009 11:39:00	5.40	24.34	30.92	46.34
06/10/2009 12:39:00	5.39	24.31	30.91	46.33
06/10/2009 13:39:00	5.37	24.28	30.91	46.34
06/10/2009 14:39:00	5.35	24.27	30.90	46.35
06/10/2009 15:39:00	5.32	24.24	30.88	46.36
06/10/2009 16:39:00	5.29	24.21	30.88	46.38
06/10/2009 17:39:00	5.27	24.18	30.87	46.39
06/10/2009 18:39:00	5.26	24.16	30.86	46.40
06/10/2009 19:39:00	5.25	24.12	30.84	46.41
06/10/2009 20:39:00	5.24	24.10	30.84	46.41
06/10/2009 21:39:00	5.23	24.06	30.83	46.41
06/10/2009 22:39:00	5.22	24.03	30.82	46.41
06/10/2009 23:39:00	5.21	24.01	30.82	46.41
07/10/2009 00:39:00	5.21	23.98	30.81	46.41
07/10/2009 01:39:00	5.20	23.95	30.81	46.40
07/10/2009 02:39:00	5.19	23.93	30.80	46.40
07/10/2009 03:39:00	5.18	23.90	30.80	46.39
07/10/2009 04:39:00	5.17	23.87	30.80	46.39
07/10/2009 05:39:00	5.17	23.83	30.80	46.38
07/10/2009 06:39:00	5.16	23.79	30.79	46.38
07/10/2009 07:39:00	5.15	23.76	30.78	46.37
07/10/2009 08:39:00	5.14	23.73	30.78	46.36
07/10/2009 09:39:00	5.14	23.69	30.78	46.35
07/10/2009 10:39:00	5.12	23.66	30.78	46.35
07/10/2009 11:39:00	5.10	23.62	30.78	46.34
07/10/2009 12:39:00	5.09	23.60	30.77	46.35

Point Sturt				
Date and Time	**Moisture Content 10 cm below ground level (vol% H_2O)**	**Moisture Content 20 cm below ground level (vol% H_2O)**	**Moisture Content 30 cm below ground level (vol% H_2O)**	**Moisture Content 40 cm below ground level (vol% H_2O)**
07/10/2009 13:39:00	5.07	23.57	30.76	46.35
07/10/2009 14:39:00	5.05	23.55	30.76	46.37
07/10/2009 15:39:00	5.02	23.53	30.75	46.38
07/10/2009 16:39:00	5.00	23.49	30.74	46.40
07/10/2009 17:39:00	4.98	23.47	30.72	46.41
07/10/2009 18:39:00	4.97	23.44	30.72	46.42
07/10/2009 19:39:00	4.96	23.41	30.71	46.42
07/10/2009 20:39:00	4.95	23.37	30.71	46.42
07/10/2009 21:39:00	4.95	23.34	30.70	46.42
07/10/2009 22:39:00	4.94	23.32	30.69	46.42
07/10/2009 23:39:00	4.94	23.29	30.68	46.41
08/10/2009 00:39:00	4.93	23.25	30.68	46.41
08/10/2009 01:39:00	4.92	23.23	30.68	46.41
08/10/2009 02:39:00	4.92	23.20	30.68	46.40
08/10/2009 03:39:00	4.92	23.17	30.67	46.40
08/10/2009 04:39:00	4.91	23.14	30.67	46.39
08/10/2009 05:39:00	4.91	23.10	30.66	46.39
08/10/2009 06:39:00	4.90	23.05	30.66	46.39
08/10/2009 07:39:00	4.90	23.02	30.65	46.38
08/10/2009 08:39:00	4.89	22.98	30.65	46.37
08/10/2009 09:39:00	4.88	22.95	30.65	46.37
08/10/2009 10:39:00	4.87	22.92	30.65	46.37
08/10/2009 11:39:00	4.86	22.90	30.64	46.36
08/10/2009 12:39:00	4.85	22.87	30.64	46.35
08/10/2009 13:39:00	4.82	22.85	30.63	46.35
08/10/2009 14:39:00	4.80	22.82	30.62	46.36
08/10/2009 15:39:00	4.78	22.80	30.61	46.38
08/10/2009 16:39:00	4.76	22.78	30.60	46.39
08/10/2009 17:39:00	4.74	22.75	30.60	46.40
08/10/2009 18:39:00	4.73	22.73	30.59	46.41
08/10/2009 19:39:00	4.72	22.70	30.58	46.41
08/10/2009 20:39:00	4.71	22.67	30.57	46.41
08/10/2009 21:39:00	4.71	22.65	30.56	46.41
08/10/2009 22:39:00	4.70	22.63	30.56	46.41
08/10/2009 23:39:00	4.70	22.61	30.56	46.41
09/10/2009 00:39:00	4.69	22.58	30.56	46.41
09/10/2009 01:39:00	4.69	22.55	30.56	46.41
09/10/2009 02:39:00	4.68	22.53	30.55	46.40
09/10/2009 03:39:00	4.68	22.50	30.55	46.40
09/10/2009 04:39:00	4.67	22.48	30.54	46.40
09/10/2009 05:39:00	4.67	22.44	30.53	46.39
09/10/2009 06:39:00	4.66	22.40	30.53	46.39
09/10/2009 07:39:00	4.66	22.38	30.52	46.38
09/10/2009 08:39:00	4.65	22.34	30.52	46.37
09/10/2009 09:39:00	4.65	22.31	30.52	46.37
09/10/2009 10:39:00	4.64	22.28	30.52	46.35
09/10/2009 11:39:00	4.63	22.25	30.52	46.36
09/10/2009 12:39:00	4.61	22.23	30.51	46.36
09/10/2009 13:39:00	4.59	22.21	30.49	46.35
09/10/2009 14:39:00	4.57	22.18	30.48	46.36
09/10/2009 15:39:00	4.55	22.16	30.48	46.35
09/10/2009 16:39:00	4.53	22.13	30.48	46.37
09/10/2009 17:39:00	4.52	22.11	30.47	46.38
09/10/2009 18:39:00	4.50	22.08	30.46	46.38
09/10/2009 19:39:00	4.49	22.06	30.45	46.39
09/10/2009 20:39:00	4.49	22.04	30.44	46.39
09/10/2009 21:39:00	4.48	22.02	30.44	46.37

Point Sturt				
Date and Time	**Moisture Content 10 cm below ground level (vol% H_2O)**	**Moisture Content 20 cm below ground level (vol% H_2O)**	**Moisture Content 30 cm below ground level (vol% H_2O)**	**Moisture Content 40 cm below ground level (vol% H_2O)**
09/10/2009 22:39:00	4.48	22.00	30.44	45.94
09/10/2009 23:39:00	4.47	21.97	30.44	45.92
10/10/2009 00:39:00	4.47	21.94	30.43	45.91
10/10/2009 01:39:00	4.46	21.92	30.43	45.90
10/10/2009 02:39:00	4.46	21.89	30.42	45.89
10/10/2009 03:39:00	4.46	21.87	30.42	45.88
10/10/2009 04:39:00	4.45	21.84	30.42	45.87
10/10/2009 05:39:00	4.45	21.80	30.41	45.82
10/10/2009 06:39:00	4.44	21.76	30.41	45.80
10/10/2009 07:39:00	4.44	21.73	30.41	45.79
10/10/2009 08:39:00	4.43	21.70	30.40	45.77
10/10/2009 09:39:00	4.43	21.68	30.40	45.76
10/10/2009 10:39:00	4.43	21.68	30.40	45.75
10/10/2009 11:39:00	4.41	21.66	30.39	45.75
10/10/2009 12:39:00	4.39	21.64	30.38	45.74
10/10/2009 13:39:00	4.38	21.64	30.37	45.75
10/10/2009 14:39:00	4.37	21.64	30.39	45.76
10/10/2009 15:39:00	4.33	21.60	30.37	45.78
10/10/2009 16:39:00	4.31	21.59	30.36	45.80
10/10/2009 17:39:00	4.29	21.57	30.35	45.81
10/10/2009 18:39:00	4.28	21.55	30.33	45.82
10/10/2009 19:39:00	4.27	21.53	30.32	45.82
10/10/2009 20:39:00	4.26	21.50	30.31	45.82
10/10/2009 21:39:00	4.25	21.48	30.30	45.82
10/10/2009 22:39:00	4.25	21.46	30.29	45.81
10/10/2009 23:39:00	4.24	21.44	30.29	45.81
11/10/2009 00:39:00	4.24	21.42	30.29	45.80
11/10/2009 01:39:00	4.24	21.39	30.28	45.79
11/10/2009 02:39:00	4.23	21.37	30.28	45.79
11/10/2009 03:39:00	4.23	21.35	30.27	45.78
11/10/2009 04:39:00	4.22	21.33	30.27	45.78
11/10/2009 05:39:00	4.22	21.30	30.27	45.77
11/10/2009 06:39:00	4.21	21.27	30.25	45.77
11/10/2009 07:39:00	4.21	21.25	30.25	45.75
11/10/2009 08:39:00	4.20	21.21	30.25	45.74
11/10/2009 09:39:00	4.19	21.19	30.25	45.73
11/10/2009 10:39:00	4.18	21.18	30.25	45.73
11/10/2009 11:39:00	4.17	21.16	30.24	45.73
11/10/2009 12:39:00	4.15	21.15	30.23	45.74
11/10/2009 13:39:00	4.13	21.13	30.21	45.73
11/10/2009 14:39:00	4.11	21.13	30.20	45.73
11/10/2009 15:39:00	4.10	21.11	30.20	45.73
11/10/2009 16:39:00	4.09	21.09	30.18	45.74
11/10/2009 17:39:00	4.08	21.08	30.17	45.75
11/10/2009 18:39:00	4.07	21.05	30.17	45.75
11/10/2009 19:39:00	4.07	21.04	30.16	45.76
11/10/2009 20:39:00	4.06	21.02	30.15	45.75
11/10/2009 21:39:00	4.06	21.02	30.14	45.75
11/10/2009 22:39:00	4.05	20.99	30.13	45.75
11/10/2009 23:39:00	4.05	20.96	30.13	45.75
12/10/2009 00:39:00	4.05	20.93	30.12	45.73
12/10/2009 01:39:00	4.04	20.90	30.12	45.73
12/10/2009 02:39:00	4.04	20.88	30.12	45.73
12/10/2009 03:39:00	4.03	20.87	30.11	45.72
12/10/2009 04:39:00	4.03	20.84	30.11	45.72
12/10/2009 05:39:00	4.02	20.82	30.11	45.72
12/10/2009 06:39:00	4.02	20.78	30.10	45.71

Point Sturt				
Date and Time	**Moisture Content 10 cm below ground level (vol% H_2O)**	**Moisture Content 20 cm below ground level (vol% H_2O)**	**Moisture Content 30 cm below ground level (vol% H_2O)**	**Moisture Content 40 cm below ground level (vol% H_2O)**
12/10/2009 07:39:00	4.01	20.76	30.11	45.71
12/10/2009 08:39:00	4.00	20.74	30.10	45.70
12/10/2009 09:39:00	3.99	20.70	30.10	45.70
12/10/2009 10:39:00	3.98	20.67	30.10	45.70
12/10/2009 11:39:00	3.97	20.64	30.09	45.69
12/10/2009 12:39:00	3.96	20.61	30.08	45.68
12/10/2009 13:39:00	3.95	20.58	30.07	45.68
12/10/2009 14:39:00	3.93	20.55	30.06	45.68
12/10/2009 15:39:00	3.92	20.52	30.06	45.68
12/10/2009 16:39:00	3.90	20.49	30.06	45.69
12/10/2009 17:39:00	3.89	20.47	30.06	45.70
12/10/2009 18:39:00	3.88	20.45	30.05	45.71
12/10/2009 19:39:00	3.87	20.42	30.04	45.69
12/10/2009 20:39:00	3.86	20.40	30.03	45.69
12/10/2009 21:39:00	3.86	20.39	30.02	45.67
12/10/2009 22:39:00	3.85	20.38	30.02	45.66
12/10/2009 23:39:00	3.86	20.38	29.93	45.50
13/10/2009 00:39:00	4.00	20.54	29.95	45.47
13/10/2009 01:39:00	4.20	20.91	30.05	45.51
13/10/2009 02:39:00	4.51	21.12	30.06	45.41
13/10/2009 03:39:00	5.24	21.40	30.16	45.52
13/10/2009 04:39:00	5.48	21.58	30.22	45.58
13/10/2009 05:39:00	5.57	21.65	30.25	45.60
13/10/2009 06:39:00	5.61	21.68	30.27	45.62
13/10/2009 07:39:00	5.61	21.68	30.29	45.63
13/10/2009 08:39:00	5.59	21.68	30.29	45.63
13/10/2009 09:39:00	5.56	21.66	30.31	45.64
13/10/2009 10:39:00	5.49	21.67	30.32	45.55
13/10/2009 11:39:00	5.44	21.66	30.33	45.56
13/10/2009 12:39:00	5.40	21.64	30.32	45.55
13/10/2009 13:39:00	5.36	21.62	30.32	45.56
13/10/2009 14:39:00	5.33	21.60	30.31	45.56
13/10/2009 15:39:00	5.29	21.58	30.31	45.57
13/10/2009 16:39:00	5.25	21.56	30.30	45.58
13/10/2009 17:39:00	5.23	21.53	30.29	45.54
13/10/2009 18:39:00	5.21	21.50	30.28	45.55
13/10/2009 19:39:00	5.19	21.48	30.28	45.55
13/10/2009 20:39:00	5.19	21.44	30.25	45.49
13/10/2009 21:39:00	5.38	21.44	30.21	45.36
13/10/2009 22:39:00	5.65	21.56	30.24	45.38
13/10/2009 23:39:00	9.77	23.76	30.71	45.20
14/10/2009 00:39:00	9.51	26.48	31.24	45.41
14/10/2009 01:39:00	9.44	26.71	31.25	45.47
14/10/2009 02:39:00	9.62	26.82	31.25	45.44
14/10/2009 03:39:00	9.56	26.86	31.25	45.50
14/10/2009 04:39:00	9.40	26.83	31.26	45.53
14/10/2009 05:39:00	9.24	26.81	31.27	45.56
14/10/2009 06:39:00	9.07	26.77	31.27	45.60
14/10/2009 07:39:00	9.40	26.83	31.25	45.52
14/10/2009 08:39:00	9.27	26.84	31.27	45.55
14/10/2009 09:39:00	9.11	26.82	31.29	45.58
14/10/2009 10:39:00	9.13	26.81	31.29	45.54
14/10/2009 11:39:00	8.99	26.78	31.29	45.58
14/10/2009 12:39:00	8.80	26.72	31.29	45.61
14/10/2009 13:39:00	8.63	26.66	31.29	45.65
14/10/2009 14:39:00	8.48	26.62	31.27	45.67
14/10/2009 15:39:00	8.38	26.57	31.26	45.68

Point Sturt				
Date and Time	**Moisture Content 10 cm below ground level (vol% H_2O)**	**Moisture Content 20 cm below ground level (vol% H_2O)**	**Moisture Content 30 cm below ground level (vol% H_2O)**	**Moisture Content 40 cm below ground level (vol% H_2O)**
14/10/2009 16:39:00	8.26	26.53	31.25	45.71
14/10/2009 17:39:00	8.14	26.50	31.25	45.73
14/10/2009 18:39:00	8.04	26.47	31.25	45.74
14/10/2009 19:39:00	7.95	26.44	31.24	45.75
14/10/2009 20:39:00	7.88	26.41	31.24	45.76
14/10/2009 21:39:00	7.80	26.39	31.24	45.76
14/10/2009 22:39:00	7.74	26.37	31.23	45.75
14/10/2009 23:39:00	7.69	26.35	31.23	45.76
15/10/2009 00:39:00	7.64	26.33	31.22	45.76
15/10/2009 01:39:00	7.61	26.31	31.17	45.63
15/10/2009 02:39:00	7.74	26.34	31.20	45.66
15/10/2009 03:39:00	7.71	26.34	31.21	45.68
15/10/2009 04:39:00	7.70	26.34	31.21	45.67
15/10/2009 05:39:00	7.66	26.34	31.22	45.69
15/10/2009 06:39:00	8.04	26.38	31.17	45.47
15/10/2009 07:39:00	8.40	26.56	31.22	45.51
15/10/2009 08:39:00	8.39	26.62	31.26	45.57
15/10/2009 09:39:00	8.29	26.62	31.28	45.62
15/10/2009 10:39:00	8.17	26.59	31.29	45.66
15/10/2009 11:39:00	8.05	26.54	31.29	45.70
15/10/2009 12:39:00	7.94	26.50	31.29	45.73
15/10/2009 13:39:00	7.83	26.45	31.29	45.76
15/10/2009 14:39:00	7.74	26.40	31.28	45.78
15/10/2009 15:39:00	7.66	26.35	31.27	45.80
15/10/2009 16:39:00	7.58	26.32	31.26	45.82
15/10/2009 17:39:00	7.51	26.30	31.25	45.82
15/10/2009 18:39:00	7.44	26.29	31.25	45.84
15/10/2009 19:39:00	7.38	26.26	31.24	45.82
15/10/2009 20:39:00	7.34	26.25	31.24	45.80
15/10/2009 21:39:00	7.38	26.26	31.21	45.70
15/10/2009 22:39:00	7.62	26.32	31.21	45.68
15/10/2009 23:39:00	7.64	26.35	31.23	45.70
16/10/2009 00:39:00	7.61	26.37	31.25	45.72
16/10/2009 01:39:00	7.58	26.37	31.25	45.73
16/10/2009 02:39:00	7.63	26.39	31.25	45.70
16/10/2009 03:39:00	7.62	26.41	31.26	45.71
16/10/2009 04:39:00	7.59	26.41	31.27	45.71
16/10/2009 05:39:00	7.56	26.41	31.29	45.73
16/10/2009 06:39:00	7.62	26.41	31.29	45.76
16/10/2009 07:39:00	7.58	26.41	31.30	45.78
16/10/2009 08:39:00	7.52	26.38	31.31	45.79
16/10/2009 09:39:00	7.47	26.37	31.32	45.80
16/10/2009 10:39:00	7.41	26.34	31.33	45.82
16/10/2009 11:39:00	7.36	26.30	31.31	45.81
16/10/2009 12:39:00	7.32	26.27	31.30	45.83
16/10/2009 13:39:00	7.27	26.23	31.29	45.85
16/10/2009 14:39:00	7.23	26.20	31.29	45.87
16/10/2009 15:39:00	7.18	26.17	31.28	45.88
16/10/2009 16:39:00	7.13	26.13	31.27	45.91
16/10/2009 17:39:00	7.09	26.11	31.26	45.92
16/10/2009 18:39:00	7.05	26.08	31.26	45.93
16/10/2009 19:39:00	7.01	26.06	31.25	45.94
16/10/2009 20:39:00	6.97	26.04	31.25	45.94
16/10/2009 21:39:00	6.93	26.02	31.25	45.95
16/10/2009 22:39:00	6.90	26.00	31.26	45.95
16/10/2009 23:39:00	6.86	25.97	31.26	45.96
17/10/2009 00:39:00	6.83	25.96	31.26	45.95

Point Sturt				
Date and Time	**Moisture Content 10 cm below ground level (vol% H_2O)**	**Moisture Content 20 cm below ground level (vol% H_2O)**	**Moisture Content 30 cm below ground level (vol% H_2O)**	**Moisture Content 40 cm below ground level (vol% H_2O)**
17/10/2009 01:39:00	6.80	25.94	31.26	45.94
17/10/2009 02:39:00	6.78	25.92	31.26	45.95
17/10/2009 03:39:00	6.74	25.89	31.27	45.95
17/10/2009 04:39:00	6.71	25.87	31.28	45.95
17/10/2009 05:39:00	6.69	25.85	31.29	45.95
17/10/2009 06:39:00	6.67	25.85	31.29	45.96
17/10/2009 07:39:00	6.64	25.83	31.30	45.96
17/10/2009 08:39:00	6.62	25.83	31.31	45.96
17/10/2009 09:39:00	6.59	25.80	31.31	45.98
17/10/2009 10:39:00	6.56	25.77	31.31	45.96
17/10/2009 11:39:00	6.52	25.76	31.31	45.96
17/10/2009 12:39:00	6.51	25.74	31.31	45.98
17/10/2009 13:39:00	6.48	25.72	31.29	45.98
17/10/2009 14:39:00	6.46	25.69	31.29	45.99
17/10/2009 15:39:00	6.43	25.66	31.28	46.01
17/10/2009 16:39:00	6.41	25.63	31.27	46.03
17/10/2009 17:39:00	6.40	25.61	31.27	46.04
17/10/2009 18:39:00	6.38	25.59	31.26	46.05
17/10/2009 19:39:00	6.36	25.56	31.25	46.06
17/10/2009 20:39:00	6.33	25.53	31.25	46.06
17/10/2009 21:39:00	6.31	25.50	31.25	46.06
17/10/2009 22:39:00	6.29	25.47	31.25	46.06
17/10/2009 23:39:00	6.27	25.45	31.26	46.06
18/10/2009 00:39:00	6.25	25.43	31.26	46.06
18/10/2009 01:39:00	6.23	25.39	31.26	46.06
18/10/2009 02:39:00	6.21	25.35	31.27	46.05
18/10/2009 03:39:00	6.19	25.33	31.27	46.05
18/10/2009 04:39:00	6.17	25.29	31.27	46.05
18/10/2009 05:39:00	6.15	25.25	31.29	46.05
18/10/2009 06:39:00	6.14	25.23	31.29	46.05
18/10/2009 07:39:00	6.12	25.21	31.30	46.05
18/10/2009 08:39:00	6.10	25.19	31.30	46.05
18/10/2009 09:39:00	6.07	25.16	31.31	46.04
18/10/2009 10:39:00	6.03	25.14	31.31	46.04
18/10/2009 11:39:00	6.00	25.11	31.30	46.04
18/10/2009 12:39:00	5.96	25.08	31.29	46.05
18/10/2009 13:39:00	5.91	25.04	31.28	46.06
18/10/2009 14:39:00	5.88	25.01	31.26	46.07
18/10/2009 15:39:00	5.84	24.98	31.25	46.09
18/10/2009 16:39:00	5.82	24.95	31.23	46.11
18/10/2009 17:39:00	5.82	24.93	31.17	46.12
18/10/2009 18:39:00	5.81	24.90	31.16	46.13
18/10/2009 19:39:00	5.81	24.87	31.14	46.13
18/10/2009 20:39:00	5.80	24.84	31.13	46.13
18/10/2009 21:39:00	5.79	24.81	31.12	46.13
18/10/2009 22:39:00	5.78	24.78	31.11	46.13
18/10/2009 23:39:00	5.77	24.75	31.09	46.13
19/10/2009 00:39:00	5.76	24.72	31.09	46.12
19/10/2009 01:39:00	5.75	24.71	31.08	46.12
19/10/2009 02:39:00	5.75	24.68	31.08	46.12
19/10/2009 03:39:00	5.74	24.65	31.08	46.11
19/10/2009 04:39:00	5.73	24.63	31.07	46.11
19/10/2009 05:39:00	5.71	24.59	31.06	46.11
19/10/2009 06:39:00	5.70	24.57	31.06	46.05
19/10/2009 07:39:00	5.69	24.54	31.05	46.05
19/10/2009 08:39:00	5.67	24.52	31.05	46.03
19/10/2009 09:39:00	5.64	24.49	31.04	46.02

Point Sturt				
Date and Time	**Moisture Content 10 cm below ground level (vol% H_2O)**	**Moisture Content 20 cm below ground level (vol% H_2O)**	**Moisture Content 30 cm below ground level (vol% H_2O)**	**Moisture Content 40 cm below ground level (vol% H_2O)**
19/10/2009 10:39:00	5.60	24.47	31.04	46.01
19/10/2009 11:39:00	5.55	24.44	31.04	46.02
19/10/2009 12:39:00	5.50	24.42	31.03	46.02
19/10/2009 13:39:00	5.44	24.39	31.02	46.03
19/10/2009 14:39:00	5.37	24.36	31.01	46.03
19/10/2009 15:39:00	5.32	24.33	30.99	46.04
19/10/2009 16:39:00	5.29	24.31	30.97	46.06
19/10/2009 17:39:00	5.27	24.28	30.96	46.07
19/10/2009 18:39:00	5.27	24.27	30.94	46.08
19/10/2009 19:39:00	5.27	24.24	30.93	46.08
19/10/2009 20:39:00	5.27	24.20	30.92	46.08
19/10/2009 21:39:00	5.27	24.17	30.90	46.08
19/10/2009 22:39:00	5.26	24.14	30.89	46.08
19/10/2009 23:39:00	5.26	24.10	30.88	46.08
20/10/2009 00:39:00	5.26	24.08	30.87	46.08
20/10/2009 01:39:00	5.25	24.05	30.86	46.07
20/10/2009 02:39:00	5.25	24.02	30.85	46.07
20/10/2009 03:39:00	5.24	23.98	30.84	46.07
20/10/2009 04:39:00	5.23	23.94	30.84	46.07
20/10/2009 05:39:00	5.23	23.90	30.83	46.07
20/10/2009 06:39:00	5.22	23.87	30.82	46.07
20/10/2009 07:39:00	5.20	23.82	30.80	46.06
20/10/2009 08:39:00	5.15	23.76	30.80	46.05
20/10/2009 09:39:00	5.09	23.71	30.80	46.05
20/10/2009 10:39:00	5.03	23.67	30.79	46.04
20/10/2009 11:39:00	4.97	23.63	30.78	46.05
20/10/2009 12:39:00	4.92	23.59	30.76	46.06
20/10/2009 13:39:00	4.91	23.55	30.76	46.07
20/10/2009 14:39:00	4.89	23.53	30.74	46.07
20/10/2009 15:39:00	4.88	23.50	30.73	46.07
20/10/2009 16:39:00	4.86	23.46	30.72	46.08
20/10/2009 17:39:00	4.85	23.41	30.71	46.08
20/10/2009 18:39:00	4.85	23.39	30.70	46.09
20/10/2009 19:39:00	4.84	23.34	30.69	46.09
20/10/2009 20:39:00	4.83	23.31	30.68	46.10
20/10/2009 21:39:00	4.83	23.27	30.68	46.10
20/10/2009 22:39:00	4.82	23.25	30.68	46.10
20/10/2009 23:39:00	4.82	23.23	30.67	46.10
21/10/2009 00:39:00	4.81	23.19	30.66	46.09
21/10/2009 01:39:00	4.81	23.17	30.66	46.09
21/10/2009 02:39:00	4.80	23.13	30.65	46.09
21/10/2009 03:39:00	4.79	23.09	30.64	46.09
21/10/2009 04:39:00	4.79	23.06	30.64	46.09
21/10/2009 05:39:00	4.78	23.01	30.64	46.09
21/10/2009 06:39:00	4.77	22.97	30.63	46.09
21/10/2009 07:39:00	4.76	22.94	30.63	46.09
21/10/2009 09:39:00	4.70	22.87	30.61	46.05
21/10/2009 10:39:00	4.66	22.83	30.61	46.05
21/10/2009 11:39:00	4.62	22.78	30.60	46.05
21/10/2009 12:39:00	4.57	22.74	30.60	46.05
21/10/2009 13:39:00	4.52	22.70	30.58	46.05
21/10/2009 14:39:00	4.47	22.67	30.57	46.06
21/10/2009 15:39:00	4.43	22.63	30.56	46.07
21/10/2009 16:39:00	4.40	22.61	30.55	46.09
21/10/2009 17:39:00	4.39	22.58	30.55	46.10
21/10/2009 18:39:00	4.38	22.55	30.53	46.11
21/10/2009 19:39:00	4.37	22.52	30.52	46.11

Point Sturt				
Date and Time	**Moisture Content 10 cm below ground level (vol% H_2O)**	**Moisture Content 20 cm below ground level (vol% H_2O)**	**Moisture Content 30 cm below ground level (vol% H_2O)**	**Moisture Content 40 cm below ground level (vol% H_2O)**
21/10/2009 20:39:00	4.36	22.50	30.52	46.11
21/10/2009 21:39:00	4.36	22.48	30.51	46.11
21/10/2009 22:39:00	4.35	22.44	30.50	46.11
21/10/2009 23:39:00	4.35	22.42	30.50	46.10
22/10/2009 00:39:00	4.35	22.39	30.49	46.10
22/10/2009 01:39:00	4.34	22.36	30.48	46.10
22/10/2009 02:39:00	4.34	22.33	30.48	46.09
22/10/2009 03:39:00	4.33	22.30	30.48	46.09
22/10/2009 04:39:00	4.33	22.26	30.47	46.08
22/10/2009 05:39:00	4.32	22.23	30.47	46.08
22/10/2009 06:39:00	4.32	22.19	30.46	46.06
22/10/2009 07:39:00	4.31	22.15	30.45	46.05
22/10/2009 08:39:00	4.30	22.12	30.45	46.04
22/10/2009 09:39:00	4.28	22.08	30.44	46.02
22/10/2009 10:39:00	4.25	22.05	30.44	46.02
22/10/2009 11:39:00	4.21	22.02	30.44	46.01
22/10/2009 12:39:00	4.17	21.99	30.44	46.01
22/10/2009 13:39:00	4.14	21.96	30.42	46.02
22/10/2009 14:39:00	4.10	21.93	30.41	46.03
22/10/2009 15:39:00	4.06	21.90	30.40	46.04
22/10/2009 16:39:00	4.04	21.87	30.39	46.06
22/10/2009 17:39:00	4.02	21.84	30.38	46.07
22/10/2009 18:39:00	4.01	21.82	30.38	46.09
22/10/2009 19:39:00	4.00	21.79	30.37	46.09
22/10/2009 20:39:00	3.99	21.76	30.36	46.07
22/10/2009 21:39:00	3.99	21.74	30.36	45.66
22/10/2009 22:39:00	3.98	21.72	30.36	45.65
22/10/2009 23:39:00	3.98	21.69	30.35	45.64
23/10/2009 00:39:00	3.97	21.66	30.35	45.64
23/10/2009 01:39:00	3.97	21.64	30.34	45.63
23/10/2009 02:39:00	3.97	21.61	30.33	45.62
23/10/2009 03:39:00	3.96	21.57	30.33	45.61
23/10/2009 04:39:00	3.96	21.54	30.32	45.60
23/10/2009 05:39:00	3.96	21.50	30.32	45.55
23/10/2009 06:39:00	3.96	21.46	30.32	45.54
23/10/2009 07:39:00	3.96	21.42	30.31	45.53
23/10/2009 08:39:00	3.94	21.39	30.30	45.51
23/10/2009 09:39:00	3.93	21.35	30.30	45.49
23/10/2009 10:39:00	3.90	21.31	30.29	45.47
23/10/2009 11:39:00	3.88	21.27	30.29	45.48
23/10/2009 12:39:00	3.86	21.24	30.28	45.47
23/10/2009 13:39:00	3.84	21.22	30.27	45.49
23/10/2009 14:39:00	3.80	21.19	30.25	45.49
23/10/2009 15:39:00	3.78	21.17	30.24	45.49
23/10/2009 16:39:00	3.76	21.14	30.23	45.50
23/10/2009 17:39:00	3.74	21.12	30.22	45.52
23/10/2009 18:39:00	3.73	21.10	30.22	45.52
23/10/2009 19:39:00	3.73	21.07	30.21	45.52
23/10/2009 20:39:00	3.72	21.04	30.21	45.52
23/10/2009 21:39:00	3.72	21.02	30.20	45.52
23/10/2009 22:39:00	3.71	21.00	30.19	45.52
23/10/2009 23:39:00	3.71	20.98	30.19	45.51
24/10/2009 00:39:00	3.71	20.95	30.18	45.51
24/10/2009 01:39:00	3.70	20.93	30.17	45.50
24/10/2009 02:39:00	3.70	20.89	30.17	45.49
24/10/2009 03:39:00	3.70	20.87	30.17	45.49
24/10/2009 04:39:00	3.70	20.83	30.17	45.48

Point Sturt				
Date and Time	**Moisture Content 10 cm below ground level (vol% H_2O)**	**Moisture Content 20 cm below ground level (vol% H_2O)**	**Moisture Content 30 cm below ground level (vol% H_2O)**	**Moisture Content 40 cm below ground level (vol% H_2O)**
24/10/2009 05:39:00	3.69	20.80	30.16	45.47
24/10/2009 06:39:00	3.69	20.76	30.15	45.46
24/10/2009 07:39:00	3.69	20.72	30.14	45.45
24/10/2009 08:39:00	3.68	20.69	30.13	45.43
24/10/2009 09:39:00	3.67	20.63	30.13	45.41
24/10/2009 10:39:00	3.65	20.59	30.13	45.41
24/10/2009 11:39:00	3.64	20.56	30.13	45.41
24/10/2009 12:39:00	3.62	20.53	30.12	45.42
24/10/2009 13:39:00	3.61	20.52	30.11	45.42
24/10/2009 14:39:00	3.60	20.50	30.10	45.42
24/10/2009 15:39:00	3.59	20.48	30.10	45.42
24/10/2009 16:39:00	3.58	20.45	30.09	45.42
24/10/2009 17:39:00	3.57	20.42	30.09	45.42
24/10/2009 18:39:00	3.57	20.39	30.08	45.43
24/10/2009 19:39:00	3.56	20.36	30.07	45.43
24/10/2009 20:39:00	3.55	20.33	30.07	45.42
24/10/2009 21:39:00	3.55	20.30	30.06	45.42
24/10/2009 22:39:00	3.55	20.27	30.06	45.42
24/10/2009 23:39:00	3.54	20.24	30.06	45.42
25/10/2009 00:39:00	3.54	20.22	30.06	45.41
25/10/2009 01:39:00	3.54	20.19	30.06	45.41
25/10/2009 02:39:00	3.54	20.16	30.05	45.41
25/10/2009 03:39:00	3.53	20.13	30.05	45.40
25/10/2009 04:39:00	3.53	20.09	30.04	45.40
25/10/2009 05:39:00	3.53	20.05	30.04	45.39
25/10/2009 06:39:00	3.52	20.01	30.03	45.39
25/10/2009 07:39:00	3.52	19.97	30.03	45.39
25/10/2009 08:39:00	3.50	19.94	30.02	45.38
25/10/2009 09:39:00	3.49	19.89	30.02	45.37
25/10/2009 10:39:00	3.48	19.87	30.02	45.37
25/10/2009 11:39:00	3.44	19.75	29.90	45.37
25/10/2009 12:39:00	3.43	19.71	29.88	45.36
25/10/2009 13:39:00	3.42	19.68	29.88	45.36
25/10/2009 14:39:00	3.40	19.65	29.87	45.36
25/10/2009 15:39:00	3.39	19.62	29.87	45.36
25/10/2009 16:39:00	3.37	19.60	29.86	45.32
25/10/2009 17:39:00	3.36	19.57	29.86	45.33
25/10/2009 18:39:00	3.35	19.55	29.85	45.34
25/10/2009 19:39:00	3.35	19.52	29.84	45.35
25/10/2009 20:39:00	3.34	19.50	29.84	45.35
25/10/2009 21:39:00	3.33	19.47	29.84	45.35
25/10/2009 22:39:00	3.33	19.45	29.83	45.35
25/10/2009 23:39:00	3.33	19.42	29.83	45.35
26/10/2009 00:39:00	3.32	19.40	29.83	45.35
26/10/2009 01:39:00	3.32	19.38	29.83	45.35
26/10/2009 02:39:00	3.31	19.35	29.82	45.35
26/10/2009 03:39:00	3.31	19.32	29.82	45.35
26/10/2009 04:39:00	3.31	19.28	29.82	45.34
26/10/2009 05:39:00	3.31	19.25	29.81	45.34
26/10/2009 06:39:00	3.30	19.22	29.81	45.33
26/10/2009 07:39:00	3.30	19.18	29.80	45.32
26/10/2009 08:39:00	3.29	19.15	29.80	45.30
26/10/2009 09:39:00	3.28	19.12	29.78	45.29
26/10/2009 10:39:00	3.28	19.08	29.77	45.27
26/10/2009 11:39:00	3.27	19.05	29.76	45.27
26/10/2009 12:39:00	3.26	19.02	29.76	45.27
26/10/2009 13:39:00	3.25	18.99	29.75	45.27

Point Sturt				
Date and Time	**Moisture Content 10 cm below ground level (vol% H_2O)**	**Moisture Content 20 cm below ground level (vol% H_2O)**	**Moisture Content 30 cm below ground level (vol% H_2O)**	**Moisture Content 40 cm below ground level (vol% H_2O)**
26/10/2009 14:39:00	3.24	18.97	29.73	45.27
26/10/2009 15:39:00	3.22	18.95	29.73	45.29
26/10/2009 16:39:00	3.21	18.93	29.72	45.29
26/10/2009 17:39:00	3.20	18.91	29.71	45.31
26/10/2009 18:39:00	3.19	18.90	29.70	45.32
26/10/2009 19:39:00	3.18	18.88	29.69	45.32
26/10/2009 20:39:00	3.18	18.86	29.69	45.32
26/10/2009 21:39:00	3.17	18.85	29.68	45.33
26/10/2009 22:39:00	3.17	18.82	29.68	45.33
26/10/2009 23:39:00	3.17	18.80	29.67	45.29
27/10/2009 00:39:00	3.16	18.79	29.66	45.29
27/10/2009 01:39:00	3.16	18.77	29.66	45.29
27/10/2009 02:39:00	3.16	18.74	29.65	45.29
27/10/2009 03:39:00	3.15	18.71	29.65	45.28
27/10/2009 04:39:00	3.15	18.68	29.65	45.28
27/10/2009 05:39:00	3.15	18.65	29.64	45.27
27/10/2009 06:39:00	3.15	18.61	29.63	45.26
27/10/2009 07:39:00	3.15	18.58	29.62	45.24
27/10/2009 08:39:00	3.14	18.55	29.62	45.22
27/10/2009 09:39:00	3.14	18.51	29.60	45.21
27/10/2009 10:39:00	3.14	18.48	29.59	45.20
27/10/2009 11:39:00	3.14	18.45	29.58	45.19
27/10/2009 12:39:00	3.13	18.42	29.58	45.19
27/10/2009 13:39:00	3.12	18.40	29.57	45.19
27/10/2009 14:39:00	3.11	18.38	29.55	45.21
27/10/2009 15:39:00	3.10	18.36	29.54	45.21
27/10/2009 16:39:00	3.08	18.34	29.52	45.23
27/10/2009 17:39:00	3.07	18.33	29.51	45.25
27/10/2009 18:39:00	3.06	18.31	29.51	45.26
27/10/2009 19:39:00	3.05	18.29	29.50	45.27
27/10/2009 20:39:00	3.04	18.28	29.49	45.27
27/10/2009 21:39:00	3.03	18.25	29.48	45.27
27/10/2009 22:39:00	3.03	18.24	29.47	45.27
27/10/2009 23:39:00	3.03	18.22	29.47	45.27
28/10/2009 00:39:00	3.02	18.20	29.47	45.27
28/10/2009 01:39:00	3.02	18.18	29.46	45.26
28/10/2009 02:39:00	3.02	18.16	29.45	45.26
28/10/2009 03:39:00	3.02	18.14	29.44	45.25
28/10/2009 04:39:00	3.02	18.11	29.44	45.25
28/10/2009 05:39:00	3.02	18.08	29.44	45.24
28/10/2009 06:39:00	3.02	18.05	29.43	45.23
28/10/2009 07:39:00	3.02	18.02	29.42	45.22
28/10/2009 08:39:00	3.02	18.00	29.41	45.21
28/10/2009 09:39:00	3.02	17.96	29.40	45.19
28/10/2009 10:39:00	3.02	17.92	29.39	45.18
28/10/2009 11:39:00	3.02	17.89	29.38	45.18
28/10/2009 12:39:00	3.01	17.87	29.37	45.17
28/10/2009 13:39:00	3.01	17.85	29.36	45.18
28/10/2009 14:39:00	3.00	17.83	29.34	45.19
28/10/2009 15:39:00	2.99	17.81	29.33	45.22
28/10/2009 16:39:00	2.97	17.79	29.31	45.24
28/10/2009 17:39:00	2.95	17.78	29.30	45.25
28/10/2009 18:39:00	2.94	17.76	29.30	45.27
28/10/2009 19:39:00	2.93	17.75	29.29	45.28
28/10/2009 20:39:00	2.93	17.73	29.28	45.28
28/10/2009 21:39:00	2.92	17.72	29.27	45.29
28/10/2009 22:39:00	2.92	17.71	29.26	45.29

Point Sturt				
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)
28/10/2009 23:39:00	2.91	17.70	29.26	45.29
29/10/2009 00:39:00	2.91	17.69	29.25	45.29
29/10/2009 01:39:00	2.91	17.68	29.24	45.29
29/10/2009 02:39:00	2.91	17.66	29.24	45.29
29/10/2009 03:39:00	2.90	17.65	29.23	45.28
29/10/2009 04:39:00	2.90	17.63	29.23	45.28
29/10/2009 05:39:00	2.90	17.60	29.22	45.27
29/10/2009 06:39:00	2.90	17.58	29.20	45.27
29/10/2009 07:39:00	2.90	17.55	29.19	45.27
29/10/2009 08:39:00	2.90	17.51	29.17	45.25
29/10/2009 09:39:00	2.90	17.47	29.16	45.24
29/10/2009 10:39:00	2.90	17.43	29.14	45.23
29/10/2009 11:39:00	2.90	17.39	29.12	45.22
29/10/2009 12:39:00	2.90	17.35	29.12	45.21
29/10/2009 13:39:00	2.89	17.32	29.10	45.21
29/10/2009 14:39:00	2.89	17.28	29.09	45.22
29/10/2009 15:39:00	2.87	17.26	29.07	45.22
29/10/2009 16:39:00	2.85	17.24	29.05	45.24
29/10/2009 17:39:00	2.83	17.24	29.04	45.26
29/10/2009 18:39:00	2.82	17.23	29.02	45.27
29/10/2009 19:39:00	2.81	17.22	29.02	45.28
29/10/2009 20:39:00	2.80	17.21	29.01	45.29
29/10/2009 21:39:00	2.79	17.20	29.00	45.30
29/10/2009 22:39:00	2.79	17.19	28.99	45.30
29/10/2009 23:39:00	2.78	17.18	28.98	45.30
30/10/2009 00:39:00	2.78	17.17	28.97	45.31
30/10/2009 01:39:00	2.78	17.16	28.96	45.31
30/10/2009 02:39:00	2.78	17.15	28.96	45.31
30/10/2009 03:39:00	2.77	17.14	28.95	45.31
30/10/2009 04:39:00	2.77	17.12	28.94	45.31
30/10/2009 05:39:00	2.77	17.09	28.93	45.31
30/10/2009 06:39:00	2.77	17.06	28.92	45.31
30/10/2009 07:39:00	2.76	17.03	28.91	45.31
30/10/2009 08:39:00	2.76	16.98	28.89	45.29
30/10/2009 09:39:00	2.76	16.92	28.88	45.28
30/10/2009 10:39:00	2.76	16.88	28.87	45.28
30/10/2009 11:39:00	2.75	16.84	28.85	45.27
30/10/2009 12:39:00	2.75	16.79	28.83	45.27
30/10/2009 13:39:00	2.75	16.76	28.82	45.27
30/10/2009 14:39:00	2.74	16.72	28.80	45.27
30/10/2009 15:39:00	2.73	16.70	28.78	45.28
30/10/2009 16:39:00	2.72	16.68	28.78	45.30
30/10/2009 17:39:00	2.71	16.67	28.76	45.31
30/10/2009 18:39:00	2.70	16.66	28.75	45.32
30/10/2009 19:39:00	2.69	16.64	28.74	45.33
30/10/2009 20:39:00	2.68	16.63	28.73	45.33
30/10/2009 21:39:00	2.68	16.61	28.72	45.33
30/10/2009 22:39:00	2.68	16.60	28.72	45.33
30/10/2009 23:39:00	2.67	16.59	28.70	45.33
31/10/2009 00:39:00	2.67	16.58	28.69	45.33
31/10/2009 01:39:00	2.67	16.57	28.68	45.33
31/10/2009 02:39:00	2.67	16.56	28.68	45.33
31/10/2009 03:39:00	2.66	16.54	28.67	45.33
31/10/2009 04:39:00	2.67	16.53	28.65	45.33
31/10/2009 05:39:00	2.66	16.51	28.65	45.32
31/10/2009 06:39:00	2.66	16.49	28.64	45.31
31/10/2009 07:39:00	2.67	16.46	28.65	45.34

Point Sturt				
Date and Time	**Moisture Content 10 cm below ground level (vol% H_2O)**	**Moisture Content 20 cm below ground level (vol% H_2O)**	**Moisture Content 30 cm below ground level (vol% H_2O)**	**Moisture Content 40 cm below ground level (vol% H_2O)**
31/10/2009 08:39:00	2.67	16.44	28.62	45.32
31/10/2009 09:39:00	2.67	16.39	28.61	45.29
31/10/2009 10:39:00	2.67	16.35	28.59	45.28
31/10/2009 11:39:00	2.67	16.31	28.57	45.26
31/10/2009 12:39:00	2.67	16.27	28.56	45.27
31/10/2009 13:39:00	2.67	16.24	28.54	45.27
31/10/2009 14:39:00	2.67	16.22	28.52	45.27
31/10/2009 15:39:00	2.66	16.20	28.50	45.28
31/10/2009 16:39:00	2.65	16.18	28.49	45.30
31/10/2009 17:39:00	2.64	16.18	28.49	45.32
31/10/2009 18:39:00	2.62	16.17	28.47	45.33
31/10/2009 19:39:00	2.61	16.15	28.46	45.34
31/10/2009 20:39:00	2.61	16.15	28.45	45.34
31/10/2009 21:39:00	2.60	16.14	28.43	45.35
31/10/2009 22:39:00	2.60	16.12	28.42	45.34
31/10/2009 23:39:00	2.59	16.11	28.41	45.34
01/11/2009 00:39:00	2.59	16.10	28.40	45.34
01/11/2009 01:39:00	2.59	16.09	28.39	45.33
01/11/2009 02:39:00	2.59	16.08	28.39	45.33
01/11/2009 03:39:00	2.59	16.07	28.38	45.33
01/11/2009 04:39:00	2.59	16.05	28.36	45.33
01/11/2009 05:39:00	2.59	16.04	28.36	45.32
01/11/2009 06:39:00	2.59	16.01	28.34	45.32
01/11/2009 07:39:00	2.57	15.97	28.36	45.37
01/11/2009 08:39:00	2.57	15.93	28.33	45.36
01/11/2009 09:39:00	2.57	15.88	28.32	45.34
01/11/2009 10:39:00	2.58	15.84	28.30	45.33
01/11/2009 11:39:00	2.58	15.80	28.28	45.31
01/11/2009 12:39:00	2.59	15.76	28.27	45.31
01/11/2009 13:39:00	2.59	15.71	28.24	45.30
01/11/2009 14:39:00	2.59	15.68	28.22	45.31
01/11/2009 15:39:00	2.58	15.65	28.20	45.32
01/11/2009 16:39:00	2.57	15.63	28.18	45.33
01/11/2009 17:39:00	2.55	15.62	28.17	45.35
01/11/2009 18:39:00	2.54	15.62	28.16	45.36
01/11/2009 19:39:00	2.53	15.62	28.14	45.37
01/11/2009 20:39:00	2.52	15.61	28.13	45.38
01/11/2009 21:39:00	2.52	15.61	28.11	45.38
01/11/2009 22:39:00	2.51	15.60	28.10	45.38
01/11/2009 23:39:00	2.51	15.60	28.09	45.38
02/11/2009 00:39:00	2.51	15.60	28.08	45.38
02/11/2009 01:39:00	2.50	15.60	28.05	45.34
02/11/2009 02:39:00	2.50	15.60	28.04	45.34
02/11/2009 03:39:00	2.50	15.59	28.03	45.33
02/11/2009 04:39:00	2.50	15.57	28.02	45.32
02/11/2009 05:39:00	2.50	15.57	28.01	45.32
02/11/2009 06:39:00	2.50	15.56	28.00	45.32
02/11/2009 07:39:00	2.50	15.54	27.99	45.31
02/11/2009 08:39:00	2.51	15.51	27.98	45.31
02/11/2009 09:39:00	2.51	15.48	27.97	45.29
02/11/2009 10:39:00	2.52	15.43	27.95	45.27
02/11/2009 11:39:00	2.53	15.38	27.94	45.27
02/11/2009 12:39:00	2.53	15.32	27.92	45.27
02/11/2009 13:39:00	2.52	15.27	27.90	45.27
02/11/2009 14:39:00	2.52	15.24	27.88	45.28
02/11/2009 15:39:00	2.50	15.23	27.86	45.30
02/11/2009 16:39:00	2.49	15.23	27.85	45.32

Point Sturt				
Date and Time	**Moisture Content 10 cm below ground level (vol% H_2O)**	**Moisture Content 20 cm below ground level (vol% H_2O)**	**Moisture Content 30 cm below ground level (vol% H_2O)**	**Moisture Content 40 cm below ground level (vol% H_2O)**
02/11/2009 17:39:00	2.47	15.23	27.83	45.33
02/11/2009 18:39:00	2.46	15.22	27.81	45.34
02/11/2009 19:39:00	2.46	15.21	27.79	45.35
02/11/2009 20:39:00	2.45	15.19	27.79	45.35
02/11/2009 21:39:00	2.45	15.18	27.77	45.36
02/11/2009 22:39:00	2.44	15.17	27.76	45.36
02/11/2009 23:39:00	2.44	15.17	27.75	45.36
03/11/2009 00:39:00	2.43	15.16	27.73	45.36
03/11/2009 01:39:00	2.43	15.15	27.73	45.36
03/11/2009 02:39:00	2.43	15.14	27.71	45.35
03/11/2009 03:39:00	2.43	15.13	27.70	45.35
03/11/2009 04:39:00	2.43	15.11	27.68	45.35
03/11/2009 05:39:00	2.43	15.09	27.67	45.34
03/11/2009 06:39:00	2.43	15.07	27.65	45.34
03/11/2009 07:39:00	2.43	15.04	27.63	45.33
03/11/2009 08:39:00	2.43	15.02	27.60	45.30
03/11/2009 09:39:00	2.43	15.00	27.58	45.30
03/11/2009 10:39:00	2.43	14.95	27.58	45.30
03/11/2009 11:39:00	2.43	14.90	27.55	45.30
03/11/2009 12:39:00	2.44	14.85	27.54	45.29
03/11/2009 13:39:00	2.45	14.81	27.51	45.29
03/11/2009 14:39:00	2.44	14.77	27.49	45.29
03/11/2009 15:39:00	2.44	14.74	27.48	45.30
03/11/2009 16:39:00	2.38	14.69	27.52	44.81
03/11/2009 17:39:00	2.37	14.68	27.51	44.81
03/11/2009 18:39:00	2.37	14.67	27.49	44.83
03/11/2009 19:39:00	2.36	14.66	27.48	44.84
03/11/2009 20:39:00	2.36	14.65	27.46	44.85
03/11/2009 21:39:00	2.36	14.65	27.46	44.85
03/11/2009 22:39:00	2.35	14.64	27.44	44.85
03/11/2009 23:39:00	2.35	14.64	27.43	44.86
04/11/2009 00:39:00	2.35	14.62	27.42	44.86
04/11/2009 01:39:00	2.35	14.62	27.41	44.86
04/11/2009 02:39:00	2.35	14.62	27.40	44.86
04/11/2009 03:39:00	2.35	14.61	27.39	44.87
04/11/2009 04:39:00	2.35	14.60	27.37	44.87
04/11/2009 05:39:00	2.35	14.59	27.37	44.87
04/11/2009 06:39:00	2.35	14.57	27.34	44.87
04/11/2009 07:39:00	2.35	14.56	27.32	44.85
04/11/2009 08:39:00	2.35	14.55	27.30	44.86
04/11/2009 09:39:00	2.35	14.50	27.29	44.86
04/11/2009 10:39:00	2.35	14.46	27.28	44.86
04/11/2009 11:39:00	2.36	14.43	27.26	44.86
04/11/2009 12:39:00	2.36	14.38	27.24	44.85
04/11/2009 13:39:00	2.36	14.34	27.22	44.83
04/11/2009 14:39:00	2.37	14.30	27.21	44.84
04/11/2009 15:39:00	2.36	14.27	27.20	44.84
04/11/2009 16:39:00	2.36	14.26	27.18	44.85
04/11/2009 17:39:00	2.35	14.25	27.17	44.86
04/11/2009 18:39:00	2.34	14.25	27.15	44.87
04/11/2009 19:39:00	2.33	14.25	27.14	44.87
04/11/2009 20:39:00	2.33	14.25	27.12	44.87
04/11/2009 21:39:00	2.32	14.25	27.11	44.88
04/11/2009 22:39:00	2.32	14.24	27.09	44.87
04/11/2009 23:39:00	2.32	14.24	27.08	44.86
05/11/2009 00:39:00	2.31	14.24	27.07	44.87
05/11/2009 01:39:00	2.31	14.23	27.06	44.86

Point Sturt				
Date and Time	**Moisture Content 10 cm below ground level (vol% H_2O)**	**Moisture Content 20 cm below ground level (vol% H_2O)**	**Moisture Content 30 cm below ground level (vol% H_2O)**	**Moisture Content 40 cm below ground level (vol% H_2O)**
05/11/2009 02:39:00	2.31	14.23	27.05	44.87
05/11/2009 03:39:00	2.31	14.22	27.03	44.87
05/11/2009 04:39:00	2.31	14.22	27.02	44.87
05/11/2009 05:39:00	2.31	14.21	27.01	44.87
05/11/2009 06:39:00	2.31	14.20	26.99	44.87
05/11/2009 07:39:00	2.31	14.18	26.98	44.86
05/11/2009 08:39:00	2.35	14.15	26.94	44.98
05/11/2009 09:39:00	2.35	14.12	26.93	44.96
05/11/2009 10:39:00	2.35	14.08	26.91	44.95
05/11/2009 11:39:00	2.36	14.05	26.90	44.97
05/11/2009 12:39:00	2.36	14.01	26.88	44.95
05/11/2009 13:39:00	2.37	13.96	26.86	44.93
05/11/2009 14:39:00	2.37	13.91	26.85	44.93
05/11/2009 15:39:00	2.32	13.81	26.73	45.34
05/11/2009 16:39:00	2.35	13.78	26.72	45.31
05/11/2009 17:39:00	2.35	13.77	26.72	45.31
05/11/2009 18:39:00	2.34	13.78	26.72	45.32
05/11/2009 19:39:00	2.33	13.78	26.70	45.33
05/11/2009 20:39:00	2.32	13.77	26.69	45.33
05/11/2009 21:39:00	2.32	13.77	26.68	45.32
05/11/2009 22:39:00	2.31	13.77	26.66	45.32
05/11/2009 23:39:00	2.31	13.77	26.65	45.31
06/11/2009 00:39:00	2.31	13.77	26.64	45.30
06/11/2009 01:39:00	2.31	13.77	26.63	45.30
06/11/2009 02:39:00	2.31	13.76	26.63	45.30
06/11/2009 03:39:00	2.30	13.76	26.61	45.29
06/11/2009 04:39:00	2.30	13.75	26.60	45.28
06/11/2009 05:39:00	2.30	13.75	26.58	45.27
06/11/2009 06:39:00	2.30	13.74	26.57	45.26
06/11/2009 07:39:00	2.30	13.72	26.56	45.25
06/11/2009 08:39:00	2.31	13.70	26.54	45.24
06/11/2009 09:39:00	2.31	13.66	26.52	45.23
06/11/2009 10:39:00	2.33	13.62	26.52	45.21
06/11/2009 11:39:00	2.34	13.58	26.50	45.19
06/11/2009 12:39:00	2.34	13.53	26.49	45.18
06/11/2009 13:39:00	2.35	13.48	26.48	45.18
06/11/2009 14:39:00	2.35	13.44	26.46	45.18
06/11/2009 15:39:00	2.35	13.40	26.44	45.18
06/11/2009 16:39:00	2.34	13.39	26.43	45.19
06/11/2009 17:39:00	2.33	13.40	26.41	45.21
06/11/2009 18:39:00	2.32	13.40	26.40	45.23
06/11/2009 19:39:00	2.30	13.40	26.39	45.24
06/11/2009 20:39:00	2.29	13.40	26.38	45.26
06/11/2009 21:39:00	2.28	13.41	26.37	45.26
06/11/2009 22:39:00	2.28	13.40	26.35	45.26
06/11/2009 23:39:00	2.27	13.40	26.35	45.26
07/11/2009 00:39:00	2.27	13.40	26.34	45.26
07/11/2009 01:39:00	2.26	13.40	26.33	45.26
07/11/2009 02:39:00	2.26	13.40	26.32	45.25
07/11/2009 03:39:00	2.26	13.40	26.31	45.24
07/11/2009 04:39:00	2.26	13.40	26.30	45.24
07/11/2009 05:39:00	2.26	13.39	26.28	45.23
07/11/2009 06:39:00	2.26	13.39	26.27	45.22
07/11/2009 07:39:00	2.26	13.37	26.25	45.21
07/11/2009 08:39:00	2.27	13.33	26.23	45.20
07/11/2009 09:39:00	2.28	13.29	26.22	45.19
07/11/2009 10:39:00	2.29	13.23	26.20	45.17

Point Sturt				
Date and Time	**Moisture Content 10 cm below ground level (vol% H_2O)**	**Moisture Content 20 cm below ground level (vol% H_2O)**	**Moisture Content 30 cm below ground level (vol% H_2O)**	**Moisture Content 40 cm below ground level (vol% H_2O)**
07/11/2009 11:39:00	2.30	13.18	26.19	45.15
07/11/2009 12:39:00	2.31	13.12	26.17	45.14
07/11/2009 13:39:00	2.32	13.06	26.15	45.14
07/11/2009 14:39:00	2.32	13.01	26.13	45.14
07/11/2009 15:39:00	2.32	12.98	26.11	45.14
07/11/2009 16:39:00	2.31	12.95	26.10	45.15
07/11/2009 17:39:00	2.29	12.95	26.09	45.18
07/11/2009 18:39:00	2.28	12.96	26.07	45.20
07/11/2009 19:39:00	2.26	12.97	26.06	45.22
07/11/2009 20:39:00	2.25	12.97	26.05	45.22
07/11/2009 21:39:00	2.24	12.97	26.04	45.23
07/11/2009 22:39:00	2.23	12.97	26.03	45.23
07/11/2009 23:39:00	2.23	12.97	26.02	45.23
08/11/2009 00:39:00	2.22	12.97	26.02	45.24
08/11/2009 01:39:00	2.22	12.97	26.01	45.23
08/11/2009 02:39:00	2.21	12.97	26.00	45.23
08/11/2009 03:39:00	2.21	12.97	25.99	45.23
08/11/2009 04:39:00	2.21	12.97	25.98	45.22
08/11/2009 05:39:00	2.21	12.97	25.96	45.22
08/11/2009 06:39:00	2.21	12.96	25.95	45.21
08/11/2009 07:39:00	2.21	12.93	25.93	45.20
08/11/2009 08:39:00	2.21	12.89	25.92	45.19
08/11/2009 09:39:00	2.22	12.84	25.90	45.18
08/11/2009 10:39:00	2.23	12.78	25.88	45.15
08/11/2009 11:39:00	2.25	12.72	25.86	45.15
08/11/2009 12:39:00	2.26	12.67	25.84	45.15
08/11/2009 13:39:00	2.27	12.62	25.82	45.15
08/11/2009 14:39:00	2.27	12.58	25.80	45.15
08/11/2009 15:39:00	2.27	12.54	25.78	45.15
08/11/2009 16:39:00	2.26	12.51	25.77	45.16
08/11/2009 17:39:00	2.25	12.51	25.75	45.18
08/11/2009 18:39:00	2.23	12.51	25.74	45.19
08/11/2009 19:39:00	2.21	12.51	25.73	45.21
08/11/2009 20:39:00	2.20	12.52	25.72	45.22
08/11/2009 21:39:00	2.19	12.52	25.71	45.23
08/11/2009 22:39:00	2.18	12.53	25.70	45.23
08/11/2009 23:39:00	2.18	12.53	25.69	45.23
09/11/2009 00:39:00	2.17	12.53	25.69	45.23
09/11/2009 01:39:00	2.17	12.54	25.69	45.24
09/11/2009 02:39:00	2.16	12.54	25.68	45.24
09/11/2009 03:39:00	2.15	12.54	25.67	45.23
09/11/2009 04:39:00	2.15	12.54	25.66	45.23
09/11/2009 05:39:00	2.15	12.54	25.65	45.23
09/11/2009 06:39:00	2.15	12.53	25.64	45.22
09/11/2009 07:39:00	2.15	12.50	25.63	45.22
09/11/2009 08:39:00	2.15	12.46	25.61	45.21
09/11/2009 09:39:00	2.16	12.40	25.59	45.20
09/11/2009 10:39:00	2.18	12.35	25.57	45.18
09/11/2009 11:39:00	2.19	12.30	25.55	45.17
09/11/2009 12:39:00	2.21	12.25	25.53	45.17
09/11/2009 13:39:00	2.22	12.21	25.51	45.17
09/11/2009 14:39:00	2.22	12.18	25.49	45.17
09/11/2009 15:39:00	2.21	12.15	25.47	45.17
09/11/2009 16:39:00	2.20	12.13	25.45	45.19
09/11/2009 17:39:00	2.18	12.12	25.44	45.21
09/11/2009 18:39:00	2.17	12.12	25.42	45.22
09/11/2009 19:39:00	2.15	12.12	25.42	45.23

Point Sturt				
Date and Time	**Moisture Content 10 cm below ground level (vol% H_2O)**	**Moisture Content 20 cm below ground level (vol% H_2O)**	**Moisture Content 30 cm below ground level (vol% H_2O)**	**Moisture Content 40 cm below ground level (vol% H_2O)**
09/11/2009 20:39:00	2.14	12.13	25.41	45.24
09/11/2009 21:39:00	2.12	12.13	25.40	45.25
09/11/2009 22:39:00	2.11	12.13	25.39	45.25
09/11/2009 23:39:00	2.11	12.13	25.39	45.25
10/11/2009 00:39:00	2.10	12.13	25.39	45.26
10/11/2009 01:39:00	2.09	12.13	25.38	45.25
10/11/2009 02:39:00	2.09	12.13	25.37	45.25
10/11/2009 03:39:00	2.08	12.12	25.37	45.25
10/11/2009 04:39:00	2.08	12.12	25.36	45.25
10/11/2009 05:39:00	2.08	12.12	25.34	45.24
10/11/2009 06:39:00	2.08	12.12	25.34	45.24
10/11/2009 07:39:00	2.08	12.09	25.32	45.23
10/11/2009 08:39:00	2.09	12.04	25.30	45.22
10/11/2009 09:39:00	2.10	11.99	25.28	45.20
10/11/2009 10:39:00	2.11	11.94	25.27	45.19
10/11/2009 11:39:00	2.13	11.89	25.24	45.18
10/11/2009 12:39:00	2.16	11.84	25.22	45.18
10/11/2009 13:39:00	2.16	11.82	25.20	45.18
10/11/2009 14:39:00	2.15	11.79	25.18	45.18
10/11/2009 15:39:00	2.15	11.77	25.16	45.19
10/11/2009 16:39:00	2.13	11.75	25.14	45.20
10/11/2009 17:39:00	2.12	11.74	25.12	45.22
10/11/2009 18:39:00	2.10	11.73	25.11	45.23
10/11/2009 19:39:00	2.09	11.73	25.10	45.24
10/11/2009 20:39:00	2.07	11.73	25.09	45.25
10/11/2009 21:39:00	2.06	11.73	25.07	45.25
10/11/2009 22:39:00	2.05	11.72	25.07	45.25
10/11/2009 23:39:00	2.04	11.72	25.06	45.25
11/11/2009 00:39:00	2.04	11.72	25.05	45.25
11/11/2009 01:39:00	2.03	11.72	25.05	45.25
11/11/2009 02:39:00	2.03	11.72	25.04	45.24
11/11/2009 03:39:00	2.03	11.72	25.03	45.24
11/11/2009 04:39:00	2.02	11.71	25.02	45.23
11/11/2009 05:39:00	2.02	11.71	25.02	45.23
11/11/2009 06:39:00	2.02	11.70	25.00	45.23
11/11/2009 07:39:00	2.02	11.68	24.98	45.22
11/11/2009 08:39:00	2.03	11.63	24.97	45.20
11/11/2009 09:39:00	2.04	11.58	24.95	45.18
11/11/2009 10:39:00	2.06	11.53	24.93	45.17
11/11/2009 11:39:00	2.08	11.49	24.91	45.17
11/11/2009 12:39:00	2.09	11.47	24.89	45.16
11/11/2009 13:39:00	2.10	11.43	24.87	45.16
11/11/2009 14:39:00	2.10	11.40	24.85	45.16
11/11/2009 15:39:00	2.10	11.37	24.83	45.16
11/11/2009 16:39:00	2.09	11.34	24.81	45.18
11/11/2009 17:39:00	2.08	11.33	24.80	45.19
11/11/2009 18:39:00	2.06	11.32	24.78	45.20
11/11/2009 19:39:00	2.05	11.32	24.77	45.21
11/11/2009 20:39:00	2.03	11.32	24.76	45.22
11/11/2009 21:39:00	2.02	11.32	24.75	45.22
11/11/2009 22:39:00	2.01	11.32	24.74	45.22
11/11/2009 23:39:00	2.00	11.32	24.73	45.22
12/11/2009 00:39:00	2.00	11.31	24.73	45.22
12/11/2009 01:39:00	1.99	11.31	24.73	45.22
12/11/2009 02:39:00	1.99	11.31	24.72	45.21
12/11/2009 03:39:00	1.98	11.31	24.71	45.21
12/11/2009 04:39:00	1.98	11.30	24.71	45.20

Point Sturt				
Date and Time	**Moisture Content 10 cm below ground level (vol% H_2O)**	**Moisture Content 20 cm below ground level (vol% H_2O)**	**Moisture Content 30 cm below ground level (vol% H_2O)**	**Moisture Content 40 cm below ground level (vol% H_2O)**
12/11/2009 05:39:00	1.98	11.30	24.70	45.19
12/11/2009 06:39:00	1.98	11.30	24.69	45.18
12/11/2009 07:39:00	1.98	11.28	24.67	45.18
12/11/2009 08:39:00	1.99	11.23	24.66	45.17
12/11/2009 09:39:00	2.00	11.19	24.64	45.15
12/11/2009 10:39:00	2.02	11.14	24.63	45.14
12/11/2009 11:39:00	2.04	11.09	24.61	45.13
12/11/2009 12:39:00	2.06	11.06	24.59	45.13
12/11/2009 13:39:00	2.07	11.04	24.57	45.13
12/11/2009 14:39:00	2.07	11.01	24.55	45.13
12/11/2009 15:39:00	2.06	10.98	24.52	45.14
12/11/2009 16:39:00	2.05	10.96	24.50	45.15
12/11/2009 17:39:00	2.03	10.95	24.50	45.16
12/11/2009 18:39:00	2.02	10.94	24.48	45.17
12/11/2009 19:39:00	2.00	10.94	24.48	45.18
12/11/2009 20:39:00	1.99	10.93	24.47	45.18
12/11/2009 21:39:00	1.98	10.93	24.46	45.19
12/11/2009 22:39:00	1.97	10.92	24.45	45.18
12/11/2009 23:39:00	1.96	10.92	24.44	45.18
13/11/2009 00:39:00	1.96	10.92	24.44	45.17
13/11/2009 01:39:00	1.95	10.92	24.43	45.17
13/11/2009 02:39:00	1.95	10.92	24.43	45.16
13/11/2009 03:39:00	1.95	10.91	24.43	45.16
13/11/2009 04:39:00	1.94	10.91	24.41	45.15
13/11/2009 05:39:00	1.94	10.91	24.41	45.14
13/11/2009 06:39:00	1.95	10.91	24.40	45.13
13/11/2009 07:39:00	1.95	10.90	24.40	45.12
13/11/2009 08:39:00	1.96	10.87	24.39	45.11
13/11/2009 09:39:00	1.97	10.83	24.38	45.10
13/11/2009 10:39:00	1.98	10.79	24.36	45.08
13/11/2009 11:39:00	2.00	10.75	24.35	45.07
13/11/2009 12:39:00	2.03	10.71	24.34	45.07
13/11/2009 13:39:00	2.04	10.68	24.31	45.06
13/11/2009 14:39:00	2.05	10.65	24.29	45.06
13/11/2009 15:39:00	2.05	10.63	24.27	45.06
13/11/2009 16:39:00	2.04	10.61	24.26	45.07
13/11/2009 17:39:00	2.03	10.60	24.25	45.09
13/11/2009 18:39:00	2.01	10.59	24.24	45.10
13/11/2009 19:39:00	1.99	10.58	24.22	45.11
13/11/2009 20:39:00	1.98	10.58	24.22	45.12
13/11/2009 21:39:00	1.97	10.57	24.21	45.12
13/11/2009 22:39:00	1.96	10.56	24.20	45.11
13/11/2009 23:39:00	1.95	10.56	24.20	45.11
14/11/2009 00:39:00	1.94	10.55	24.19	45.11
14/11/2009 01:39:00	1.94	10.55	24.18	45.10
14/11/2009 02:39:00	1.93	10.55	24.18	45.09
14/11/2009 03:39:00	1.93	10.55	24.18	45.09
14/11/2009 04:39:00	1.93	10.55	24.18	45.09
14/11/2009 05:39:00	1.93	10.55	24.17	45.09
14/11/2009 06:39:00	1.93	10.54	24.17	45.08
14/11/2009 07:39:00	1.93	10.51	24.16	45.07
14/11/2009 08:39:00	1.94	10.48	24.14	45.05
14/11/2009 09:39:00	1.95	10.43	24.12	45.04
14/11/2009 10:39:00	1.97	10.39	24.11	45.02
14/11/2009 11:39:00	1.99	10.37	24.08	45.02
14/11/2009 12:39:00	2.00	10.35	24.06	45.02
14/11/2009 13:39:00	2.00	10.32	24.04	45.01

Point Sturt				
Date and Time	**Moisture Content 10 cm below ground level (vol% H_2O)**	**Moisture Content 20 cm below ground level (vol% H_2O)**	**Moisture Content 30 cm below ground level (vol% H_2O)**	**Moisture Content 40 cm below ground level (vol% H_2O)**
14/11/2009 14:39:00	2.01	10.29	24.02	45.01
14/11/2009 15:39:00	2.01	10.26	24.00	45.01
14/11/2009 16:39:00	2.00	10.24	23.98	45.02
14/11/2009 17:39:00	1.99	10.22	23.97	45.03
14/11/2009 18:39:00	1.97	10.21	23.96	45.04
14/11/2009 19:39:00	1.96	10.20	23.95	45.04
14/11/2009 20:39:00	1.95	10.19	23.94	45.05
14/11/2009 21:39:00	1.93	10.19	23.93	45.05
14/11/2009 22:39:00	1.93	10.18	23.92	45.05
14/11/2009 23:39:00	1.92	10.18	23.92	45.04
15/11/2009 00:39:00	1.92	10.18	23.92	45.04
15/11/2009 01:39:00	1.91	10.17	23.91	45.04
15/11/2009 02:39:00	1.91	10.17	23.91	45.03
15/11/2009 03:39:00	1.90	10.17	23.90	45.02
15/11/2009 04:39:00	1.90	10.17	23.89	45.01
15/11/2009 05:39:00	1.90	10.16	23.89	45.00
15/11/2009 06:39:00	1.90	10.16	23.88	44.99
15/11/2009 07:39:00	1.90	10.16	23.87	44.99
15/11/2009 08:39:00	1.91	10.13	23.86	44.98
15/11/2009 09:39:00	1.92	10.10	23.85	44.97
15/11/2009 10:39:00	1.93	10.06	23.84	44.96
15/11/2009 11:39:00	1.95	10.02	23.82	44.95
15/11/2009 12:39:00	1.97	10.00	23.81	44.94
15/11/2009 13:39:00	1.98	9.97	23.79	44.94
15/11/2009 14:39:00	1.98	9.95	23.77	44.93
15/11/2009 15:39:00	1.98	9.92	23.75	44.94
15/11/2009 16:39:00	1.98	9.90	23.73	44.94
15/11/2009 17:39:00	1.97	9.88	23.72	44.96
15/11/2009 18:39:00	1.95	9.87	23.71	44.96
15/11/2009 19:39:00	1.94	9.87	23.71	44.97
15/11/2009 20:39:00	1.93	9.86	23.69	44.97
15/11/2009 21:39:00	1.92	9.86	23.69	44.97
15/11/2009 22:39:00	1.91	9.85	23.69	44.98
15/11/2009 23:39:00	1.90	9.85	23.68	44.97
16/11/2009 00:39:00	1.90	9.85	23.68	44.97
16/11/2009 01:39:00	1.90	9.84	23.67	44.97
16/11/2009 02:39:00	1.89	9.84	23.67	44.96
16/11/2009 03:39:00	1.89	9.84	23.67	44.96
16/11/2009 04:39:00	1.89	9.83	23.66	44.96
16/11/2009 05:39:00	1.89	9.83	23.66	44.95
16/11/2009 06:39:00	1.89	9.82	23.65	44.95
16/11/2009 07:39:00	1.89	9.81	23.64	44.95
16/11/2009 08:39:00	1.89	9.80	23.63	44.94
16/11/2009 09:39:00	1.90	9.77	23.62	44.93
16/11/2009 10:39:00	1.90	9.75	23.60	44.91
16/11/2009 11:39:00	1.90	9.73	23.60	44.90
16/11/2009 12:39:00	1.91	9.71	23.58	44.89
16/11/2009 13:39:00	1.92	9.68	23.57	44.88
16/11/2009 14:39:00	1.92	9.66	23.56	44.88
16/11/2009 15:39:00	1.93	9.64	23.54	44.87
16/11/2009 16:39:00	1.93	9.62	23.53	44.87
16/11/2009 17:39:00	1.92	9.62	23.52	44.88
16/11/2009 18:39:00	1.91	9.61	23.51	44.89
16/11/2009 19:39:00	1.90	9.60	23.49	44.88
16/11/2009 20:39:00	1.89	9.60	23.49	44.88
16/11/2009 21:39:00	1.88	9.59	23.48	44.88
16/11/2009 22:39:00	1.88	9.59	23.48	44.87

Point Sturt				
Date and Time	**Moisture Content 10 cm below ground level (vol% H_2O)**	**Moisture Content 20 cm below ground level (vol% H_2O)**	**Moisture Content 30 cm below ground level (vol% H_2O)**	**Moisture Content 40 cm below ground level (vol% H_2O)**
16/11/2009 23:39:00	1.87	9.58	23.47	44.87
17/11/2009 00:39:00	1.87	9.58	23.47	44.86
17/11/2009 01:39:00	1.87	9.57	23.46	44.86
17/11/2009 02:39:00	1.87	9.57	23.46	44.85
17/11/2009 03:39:00	1.86	9.57	23.45	44.85
17/11/2009 04:39:00	1.86	9.57	23.45	44.83
17/11/2009 05:39:00	1.86	9.56	23.45	44.83
17/11/2009 06:39:00	1.86	9.56	23.43	44.82
17/11/2009 07:39:00	1.86	9.55	23.43	44.82
17/11/2009 08:39:00	1.87	9.53	23.42	44.81
17/11/2009 09:39:00	1.88	9.50	23.41	44.79
17/11/2009 10:39:00	1.89	9.48	23.39	44.77
17/11/2009 11:39:00	1.91	9.45	23.39	44.76
17/11/2009 12:39:00	1.92	9.43	23.37	44.75
17/11/2009 13:39:00	1.93	9.41	23.36	44.74
17/11/2009 14:39:00	1.94	9.39	23.35	44.74
17/11/2009 15:39:00	1.94	9.37	23.33	44.74
17/11/2009 16:39:00	1.93	9.35	23.32	44.75
17/11/2009 17:39:00	1.92	9.34	23.32	44.76
17/11/2009 18:39:00	1.90	9.33	23.30	44.77
17/11/2009 19:39:00	1.89	9.33	23.30	44.77
17/11/2009 20:39:00	1.88	9.32	23.28	44.76
17/11/2009 21:39:00	1.87	9.31	23.28	44.76
17/11/2009 22:39:00	1.86	9.31	23.28	44.76
17/11/2009 23:39:00	1.86	9.30	23.27	44.76
18/11/2009 00:39:00	1.85	9.30	23.26	44.75
18/11/2009 01:39:00	1.85	9.29	23.26	44.74
18/11/2009 02:39:00	1.85	9.29	23.26	44.73
18/11/2009 03:39:00	1.85	9.29	23.25	44.72
18/11/2009 04:39:00	1.84	9.29	23.24	44.71
18/11/2009 05:39:00	1.84	9.29	23.24	44.70
18/11/2009 06:39:00	1.84	9.29	23.24	44.70

Campbell Park					
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)	Moisture Content 50 cm below ground level (vol% H_2O)
27/08/2009 18:00:00	6.80	16.60	47.43	-	-
27/08/2009 19:00:00	6.69	16.42	47.05	-	-
27/08/2009 20:00:00	6.59	16.28	47.01	-	-
27/08/2009 21:00:00	6.52	16.14	46.98	-	-
27/08/2009 22:00:00	6.46	16.03	46.94	-	-
27/08/2009 23:00:00	6.41	15.93	46.89	-	-
28/08/2009 00:00:00	6.38	15.86	46.86	-	-
28/08/2009 01:00:00	6.35	15.79	46.82	-	-
28/08/2009 02:00:00	6.32	15.73	46.79	-	-
28/08/2009 03:00:00	6.31	15.68	46.76	-	-
28/08/2009 04:00:00	6.29	15.64	46.73	-	-
28/08/2009 05:00:00	6.27	15.60	46.69	-	-
28/08/2009 06:00:00	6.26	15.56	46.65	-	-
28/08/2009 07:00:00	6.25	15.53	46.62	-	-
28/08/2009 08:00:00	6.25	15.51	46.59	-	-
28/08/2009 09:00:00	6.25	15.50	46.56	-	-
28/08/2009 10:00:00	6.28	15.51	46.56	-	-
28/08/2009 11:00:00	6.33	15.56	46.56	-	-
28/08/2009 12:00:00	6.36	15.68	46.58	-	-
28/08/2009 13:00:00	6.45	15.68	46.68	-	-
28/08/2009 14:00:00	6.45	15.73	46.75	-	-
28/08/2009 15:00:00	6.40	15.72	46.84	-	-
28/08/2009 16:00:00	6.35	15.69	46.90	-	-
28/08/2009 17:00:00	6.32	15.66	46.96	-	-
28/08/2009 18:00:00	6.28	15.62	46.98	-	-
28/08/2009 19:00:00	6.26	15.59	47.00	-	-
28/08/2009 20:00:00	6.27	15.58	47.00	-	-
28/08/2009 21:00:00	6.33	15.67	47.01	-	-
28/08/2009 22:00:00	6.35	15.72	47.01	-	-
28/08/2009 23:00:00	6.35	15.74	47.01	-	-
29/08/2009 00:00:00	6.36	15.75	47.00	-	-
29/08/2009 01:00:00	6.37	15.76	47.00	-	-
29/08/2009 02:00:00	6.37	15.76	47.00	-	-
29/08/2009 03:00:00	6.37	15.76	46.99	-	-
29/08/2009 04:00:00	6.58	16.01	47.01	-	-
29/08/2009 05:00:00	6.81	16.59	47.08	-	-
29/08/2009 06:00:00	7.01	17.30	47.22	-	-
29/08/2009 07:00:00	7.07	17.41	47.27	-	-
29/08/2009 08:00:00	7.08	17.41	47.27	-	-
29/08/2009 09:00:00	7.08	17.38	47.26	-	-
29/08/2009 10:00:00	7.08	17.36	47.25	-	-
29/08/2009 11:00:00	7.08	17.34	47.25	-	-
29/08/2009 12:00:00	7.08	17.30	47.25	-	-
29/08/2009 13:00:00	7.04	17.26	47.28	-	-
29/08/2009 14:00:00	7.52	18.47	47.57	-	-
29/08/2009 15:00:00	7.69	18.94	48.22	-	-
29/08/2009 16:00:00	7.67	18.87	48.29	-	-
29/08/2009 17:00:00	7.87	19.22	48.73	-	-
29/08/2009 18:00:00	7.84	19.17	49.09	-	-
29/08/2009 19:00:00	7.77	19.07	49.02	-	-
29/08/2009 20:00:00	7.69	18.98	48.76	-	-
29/08/2009 21:00:00	7.61	18.88	48.40	-	-
29/08/2009 22:00:00	7.56	18.80	48.15	-	-
29/08/2009 23:00:00	7.58	18.82	48.10	-	-
30/08/2009 00:00:00	7.54	18.76	47.93	-	-
30/08/2009 01:00:00	7.52	18.72	47.76	-	-
30/08/2009 02:00:00	7.49	18.68	47.66	-	-
30/08/2009 03:00:00	7.46	18.63	47.54	-	-

Campbell Park					
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)	Moisture Content 50 cm below ground level (vol% H_2O)
30/08/2009 04:00:00	7.44	18.60	47.45	-	-
30/08/2009 05:00:00	7.43	18.58	47.36	-	-
30/08/2009 06:00:00	7.49	18.61	47.39	-	-
30/08/2009 07:00:00	7.51	18.64	47.41	-	-
30/08/2009 08:00:00	7.51	18.61	47.35	-	-
30/08/2009 09:00:00	7.50	18.60	47.30	-	-
30/08/2009 10:00:00	7.49	18.60	47.27	-	-
30/08/2009 11:00:00	7.50	18.61	47.27	-	-
30/08/2009 12:00:00	7.51	18.61	47.27	-	-
30/08/2009 13:00:00	7.48	18.58	47.26	-	-
30/08/2009 14:00:00	7.43	18.52	47.23	-	-
30/08/2009 15:00:00	7.38	18.45	47.21	-	-
30/08/2009 16:00:00	7.32	18.36	47.18	-	-
30/08/2009 17:00:00	7.28	18.31	47.19	-	-
30/08/2009 18:00:00	7.33	18.37	47.25	-	-
30/08/2009 19:00:00	7.32	18.35	47.25	-	-
30/08/2009 20:00:00	7.30	18.31	47.22	-	-
30/08/2009 21:00:00	7.27	18.27	47.19	-	-
30/08/2009 22:00:00	7.25	18.24	47.15	-	-
30/08/2009 23:00:00	7.24	18.21	47.12	-	-
31/08/2009 00:00:00	7.22	18.18	47.08	-	-
31/08/2009 01:00:00	7.21	18.16	47.05	-	-
31/08/2009 02:00:00	7.27	18.21	47.07	-	-
31/08/2009 03:00:00	7.31	18.25	47.09	-	-
31/08/2009 04:00:00	7.35	18.30	47.11	-	-
31/08/2009 05:00:00	7.36	18.30	47.12	-	-
31/08/2009 06:00:00	7.36	18.29	47.10	-	-
31/08/2009 07:00:00	7.36	18.28	47.07	-	-
31/08/2009 08:00:00	7.35	18.26	47.05	-	-
31/08/2009 09:00:00	7.36	18.25	47.04	-	-
31/08/2009 10:00:00	7.37	18.27	47.03	-	-
31/08/2009 11:00:00	7.38	18.27	47.03	-	-
31/08/2009 12:00:00	7.37	18.28	47.05	-	-
31/08/2009 13:00:00	7.36	18.26	47.07	-	-
31/08/2009 14:00:00	7.32	18.23	47.10	-	-
31/08/2009 15:00:00	7.26	18.15	47.13	-	-
31/08/2009 16:00:00	7.21	18.05	47.17	-	-
31/08/2009 17:00:00	7.16	17.95	47.18	-	-
31/08/2009 18:00:00	7.20	17.96	47.22	-	-
31/08/2009 19:00:00	7.20	17.99	47.25	-	-
31/08/2009 20:00:00	7.19	17.98	47.24	-	-
31/08/2009 21:00:00	7.16	17.93	47.22	-	-
31/08/2009 22:00:00	7.14	17.89	47.19	-	-
31/08/2009 23:00:00	7.13	17.86	47.14	-	-
01/09/2009 00:00:00	7.13	17.84	47.11	-	-
01/09/2009 01:00:00	7.28	17.99	47.14	-	-
01/09/2009 02:00:00	7.33	18.10	47.21	-	-
01/09/2009 03:00:00	7.34	18.10	47.21	-	-
01/09/2009 04:00:00	7.35	18.09	47.18	-	-
01/09/2009 05:00:00	7.34	18.07	47.14	-	-
01/09/2009 06:00:00	7.34	18.05	47.11	-	-
01/09/2009 07:00:00	7.32	18.04	47.09	-	-
01/09/2009 08:00:00	7.31	18.01	47.06	-	-
01/09/2009 09:00:00	7.31	18.01	47.04	-	-
01/09/2009 10:00:00	7.35	18.02	47.03	-	-
01/09/2009 11:00:00	7.37	18.05	47.04	-	-
01/09/2009 12:00:00	7.38	18.09	47.08	-	-
01/09/2009 13:00:00	7.38	18.09	47.12	-	-

Campbell Park					
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)	Moisture Content 50 cm below ground level (vol% H_2O)
01/09/2009 14:00:00	7.37	18.08	47.15	-	-
01/09/2009 15:00:00	7.36	18.07	47.19	-	-
01/09/2009 16:00:00	7.31	18.05	47.22	-	-
01/09/2009 17:00:00	7.25	18.00	47.25	-	-
01/09/2009 18:00:00	7.19	17.94	47.26	-	-
01/09/2009 19:00:00	7.13	17.87	47.25	-	-
01/09/2009 20:00:00	7.09	17.80	47.23	-	-
01/09/2009 21:00:00	7.06	17.74	47.19	-	-
01/09/2009 22:00:00	7.04	17.70	47.14	-	-
01/09/2009 23:00:00	7.03	17.66	47.10	-	-
02/09/2009 00:00:00	7.02	17.64	47.07	-	-
02/09/2009 01:00:00	7.02	17.61	47.04	-	-
02/09/2009 02:00:00	7.01	17.58	47.02	-	-
02/09/2009 03:00:00	7.00	17.56	47.00	-	-
02/09/2009 04:00:00	6.99	17.53	46.98	-	-
02/09/2009 05:00:00	6.98	17.51	46.95	-	-
02/09/2009 06:00:00	6.98	17.48	46.93	-	-
02/09/2009 07:00:00	6.96	17.45	46.90	-	-
02/09/2009 08:00:00	6.94	17.40	46.87	-	-
02/09/2009 09:00:00	6.94	17.38	46.85	-	-
02/09/2009 10:00:00	6.97	17.38	46.84	-	-
02/09/2009 11:00:00	7.00	17.40	46.84	-	-
02/09/2009 12:00:00	7.03	17.42	46.87	-	-
02/09/2009 13:00:00	7.04	17.42	46.91	-	-
02/09/2009 14:00:00	6.99	17.36	46.99	-	-
02/09/2009 15:00:00	6.94	17.28	47.04	-	-
02/09/2009 16:00:00	6.91	17.23	47.09	-	-
02/09/2009 17:00:00	6.89	17.19	47.11	-	-
02/09/2009 18:00:00	6.86	17.12	47.11	-	-
02/09/2009 19:00:00	6.82	17.05	47.10	-	-
02/09/2009 20:00:00	6.79	16.98	47.09	-	-
02/09/2009 21:00:00	6.75	16.91	47.07	-	-
02/09/2009 22:00:00	6.73	16.86	47.05	-	-
02/09/2009 23:00:00	6.72	16.80	47.03	-	-
03/09/2009 00:00:00	6.70	16.76	47.01	-	-
03/09/2009 01:00:00	6.68	16.71	46.98	-	-
03/09/2009 02:00:00	6.66	16.66	46.96	-	-
03/09/2009 03:00:00	6.64	16.62	46.94	-	-
03/09/2009 04:00:00	6.63	16.57	46.90	-	-
03/09/2009 05:00:00	6.63	16.54	46.87	-	-
03/09/2009 06:00:00	6.62	16.51	46.85	-	-
03/09/2009 07:00:00	6.61	16.48	46.83	-	-
03/09/2009 08:00:00	6.60	16.45	46.81	-	-
03/09/2009 09:00:00	6.61	16.44	46.78	-	-
03/09/2009 10:00:00	6.64	16.45	46.77	-	-
03/09/2009 11:00:00	6.67	16.46	46.78	-	-
03/09/2009 12:00:00	6.70	16.48	46.80	-	-
03/09/2009 13:00:00	6.69	16.49	46.85	-	-
03/09/2009 14:00:00	6.65	16.45	46.90	-	-
03/09/2009 15:00:00	6.66	16.42	46.95	-	-
03/09/2009 16:00:00	6.63	16.38	46.99	-	-
03/09/2009 17:00:00	6.60	16.32	47.01	-	-
03/09/2009 18:00:00	6.56	16.25	47.03	-	-
03/09/2009 19:00:00	6.53	16.19	47.03	-	-
03/09/2009 20:00:00	6.49	16.12	47.02	-	-
03/09/2009 21:00:00	6.46	16.06	46.99	-	-
03/09/2009 22:00:00	6.45	16.01	46.97	-	-
03/09/2009 23:00:00	6.55	16.12	46.97	-	-

Campbell Park					
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)	Moisture Content 50 cm below ground level (vol% H_2O)
04/09/2009 00:00:00	6.59	16.26	46.96	-	-
04/09/2009 01:00:00	6.65	16.31	46.93	-	-
04/09/2009 02:00:00	6.68	16.40	46.91	-	-
04/09/2009 03:00:00	6.70	16.42	46.89	-	-
04/09/2009 04:00:00	6.70	16.41	46.86	-	-
04/09/2009 05:00:00	6.70	16.39	46.83	-	-
04/09/2009 06:00:00	6.69	16.37	46.79	-	-
04/09/2009 07:00:00	6.67	16.34	46.76	-	-
04/09/2009 08:00:00	6.67	16.32	46.73	-	-
04/09/2009 09:00:00	6.68	16.32	46.70	-	-
04/09/2009 10:00:00	6.71	16.33	46.68	-	-
04/09/2009 11:00:00	6.74	16.36	46.68	-	-
04/09/2009 12:00:00	6.75	16.38	46.70	-	-
04/09/2009 13:00:00	6.76	16.39	46.73	-	-
04/09/2009 14:00:00	6.76	16.38	46.79	-	-
04/09/2009 15:00:00	6.72	16.35	46.86	-	-
04/09/2009 16:00:00	6.66	16.29	46.93	-	-
04/09/2009 17:00:00	6.60	16.23	46.97	-	-
04/09/2009 18:00:00	6.56	16.16	46.99	-	-
04/09/2009 19:00:00	6.54	16.16	46.99	-	-
04/09/2009 20:00:00	6.52	16.12	46.97	-	-
04/09/2009 21:00:00	6.51	16.10	46.94	-	-
04/09/2009 22:00:00	6.49	16.06	46.89	-	-
04/09/2009 23:00:00	6.49	16.04	46.85	-	-
05/09/2009 00:00:00	6.47	16.01	46.82	-	-
05/09/2009 01:00:00	6.47	16.00	46.78	-	-
05/09/2009 02:00:00	6.47	15.98	46.75	-	-
05/09/2009 03:00:00	6.46	15.98	46.73	-	-
05/09/2009 04:00:00	6.45	15.97	46.71	-	-
05/09/2009 05:00:00	6.44	15.94	46.69	-	-
05/09/2009 06:00:00	6.43	15.92	46.67	-	-
05/09/2009 07:00:00	6.42	15.90	46.64	-	-
05/09/2009 08:00:00	6.41	15.88	46.62	-	-
05/09/2009 09:00:00	6.42	15.87	46.60	-	-
05/09/2009 10:00:00	6.44	15.88	46.59	-	-
05/09/2009 11:00:00	6.48	15.92	46.61	-	-
05/09/2009 12:00:00	6.49	15.94	46.64	-	-
05/09/2009 13:00:00	6.52	15.98	46.70	-	-
05/09/2009 14:00:00	6.53	16.00	46.75	-	-
05/09/2009 15:00:00	6.52	16.02	46.82	-	-
05/09/2009 16:00:00	6.47	16.00	46.89	-	-
05/09/2009 17:00:00	6.43	15.96	46.96	-	-
05/09/2009 18:00:00	6.38	15.91	46.98	-	-
05/09/2009 19:00:00	6.33	15.83	46.98	-	-
05/09/2009 20:00:00	6.30	15.77	46.96	-	-
05/09/2009 21:00:00	6.27	15.71	46.91	-	-
05/09/2009 22:00:00	6.26	15.66	46.87	-	-
05/09/2009 23:00:00	6.25	15.62	46.82	-	-
06/09/2009 00:00:00	6.25	15.59	46.78	-	-
06/09/2009 01:00:00	6.24	15.57	46.74	-	-
06/09/2009 02:00:00	6.24	15.56	46.70	-	-
06/09/2009 03:00:00	6.23	15.54	46.67	-	-
06/09/2009 04:00:00	6.23	15.53	46.63	-	-
06/09/2009 05:00:00	6.23	15.51	46.60	-	-
06/09/2009 06:00:00	6.22	15.49	46.57	-	-
06/09/2009 07:00:00	6.22	15.47	46.55	-	-
06/09/2009 08:00:00	6.24	15.48	46.54	-	-
06/09/2009 09:00:00	6.25	15.52	46.52	-	-

Campbell Park					
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)	Moisture Content 50 cm below ground level (vol% H_2O)
06/09/2009 10:00:00	6.26	15.54	46.50	-	-
06/09/2009 11:00:00	6.30	15.57	46.48	-	-
06/09/2009 12:00:00	6.32	15.60	46.49	-	-
06/09/2009 13:00:00	6.34	15.61	46.51	-	-
06/09/2009 14:00:00	6.35	15.63	46.55	-	-
06/09/2009 15:00:00	6.36	15.64	46.60	-	-
06/09/2009 16:00:00	6.33	15.62	46.65	-	-
06/09/2009 17:00:00	6.29	15.58	46.71	-	-
06/09/2009 18:00:00	6.25	15.54	46.74	-	-
06/09/2009 19:00:00	6.21	15.49	46.74	-	-
06/09/2009 20:00:00	6.18	15.45	46.73	-	-
06/09/2009 21:00:00	6.17	15.41	46.72	-	-
06/09/2009 22:00:00	6.15	15.39	46.69	-	-
06/09/2009 23:00:00	6.14	15.37	46.67	-	-
07/09/2009 00:00:00	6.13	15.35	46.63	-	-
07/09/2009 01:00:00	6.13	15.33	46.61	-	-
07/09/2009 02:00:00	6.13	15.32	46.59	-	-
07/09/2009 03:00:00	6.12	15.32	46.57	-	-
07/09/2009 04:00:00	6.12	15.31	46.56	-	-
07/09/2009 05:00:00	6.11	15.29	46.54	-	-
07/09/2009 06:00:00	6.11	15.27	46.52	-	-
07/09/2009 07:00:00	6.10	15.26	46.50	-	-
07/09/2009 08:00:00	6.10	15.24	46.48	-	-
07/09/2009 09:00:00	6.13	15.25	46.47	-	-
07/09/2009 10:00:00	6.17	15.31	46.47	-	-
07/09/2009 11:00:00	6.21	15.37	46.49	-	-
07/09/2009 12:00:00	6.25	15.41	46.52	-	-
07/09/2009 13:00:00	6.28	15.46	46.57	-	-
07/09/2009 14:00:00	6.29	15.48	46.63	-	-
07/09/2009 15:00:00	6.27	15.47	46.72	-	-
07/09/2009 16:00:00	6.23	15.45	46.78	-	-
07/09/2009 17:00:00	6.19	15.41	46.82	-	-
07/09/2009 18:00:00	6.16	15.37	46.84	-	-
07/09/2009 19:00:00	6.13	15.34	46.84	-	-
07/09/2009 20:00:00	6.10	15.30	46.83	-	-
07/09/2009 21:00:00	6.09	15.27	46.81	-	-
07/09/2009 22:00:00	6.07	15.24	46.80	-	-
07/09/2009 23:00:00	6.05	15.21	46.77	-	-
08/09/2009 00:00:00	6.04	15.18	46.74	-	-
08/09/2009 01:00:00	6.03	15.17	46.72	-	-
08/09/2009 02:00:00	6.02	15.14	46.69	-	-
08/09/2009 03:00:00	6.01	15.12	46.65	-	-
08/09/2009 04:00:00	6.01	15.11	46.63	-	-
08/09/2009 05:00:00	6.00	15.09	46.60	-	-
08/09/2009 06:00:00	5.99	15.08	46.59	-	-
08/09/2009 07:00:00	5.99	15.06	46.57	-	-
08/09/2009 08:00:00	5.99	15.05	46.55	-	-
08/09/2009 09:00:00	5.99	15.05	46.54	-	-
08/09/2009 10:00:00	6.00	15.05	46.53	-	-
08/09/2009 11:00:00	6.03	15.08	46.54	-	-
08/09/2009 12:00:00	6.04	15.10	46.57	-	-
08/09/2009 13:00:00	6.04	15.11	46.61	-	-
08/09/2009 14:00:00	6.05	15.12	46.65	-	-
08/09/2009 15:00:00	6.06	15.14	46.71	-	-
08/09/2009 16:00:00	6.04	15.15	46.77	-	-
08/09/2009 17:00:00	6.00	15.12	46.81	-	-
08/09/2009 18:00:00	5.97	15.09	46.83	-	-
08/09/2009 19:00:00	5.95	15.04	46.83	-	-

Campbell Park					
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)	Moisture Content 50 cm below ground level (vol% H_2O)
08/09/2009 20:00:00	5.93	15.01	46.82	-	-
08/09/2009 21:00:00	5.92	14.98	46.80	-	-
08/09/2009 22:00:00	5.91	14.96	46.78	-	-
08/09/2009 23:00:00	5.90	14.93	46.75	-	-
09/09/2009 00:00:00	5.90	14.92	46.74	-	-
09/09/2009 01:00:00	5.89	14.91	46.72	-	-
09/09/2009 02:00:00	5.88	14.89	46.70	-	-
09/09/2009 03:00:00	5.87	14.88	46.68	-	-
09/09/2009 04:00:00	5.87	14.86	46.65	-	-
09/09/2009 05:00:00	5.86	14.84	46.63	-	-
09/09/2009 06:00:00	5.86	14.83	46.61	-	-
09/09/2009 07:00:00	5.85	14.82	46.60	-	-
09/09/2009 08:00:00	5.86	14.81	46.58	-	-
09/09/2009 09:00:00	5.87	14.81	46.56	-	-
09/09/2009 10:00:00	5.88	14.82	46.56	-	-
09/09/2009 11:00:00	5.91	14.84	46.57	-	-
09/09/2009 12:00:00	5.94	14.88	46.60	-	-
09/09/2009 13:00:00	5.94	14.92	46.65	-	-
09/09/2009 14:00:00	5.93	14.94	46.72	-	-
09/09/2009 15:00:00	5.91	14.94	46.78	-	-
09/09/2009 16:00:00	5.89	14.93	46.82	-	-
09/09/2009 17:00:00	5.86	14.92	46.85	-	-
09/09/2009 18:00:00	5.83	14.89	46.87	-	-
09/09/2009 19:00:00	5.80	14.84	46.87	-	-
09/09/2009 20:00:00	5.78	14.79	46.85	-	-
09/09/2009 21:00:00	5.77	14.75	46.81	-	-
09/09/2009 22:00:00	5.77	14.71	46.77	-	-
09/09/2009 23:00:00	5.77	14.67	46.73	-	-
10/09/2009 00:00:00	5.77	14.64	46.67	-	-
10/09/2009 01:00:00	5.76	14.61	46.61	-	-
10/09/2009 02:00:00	5.76	14.60	46.56	-	-
10/09/2009 03:00:00	5.76	14.57	46.51	-	-
10/09/2009 04:00:00	5.76	14.55	46.46	-	-
10/09/2009 05:00:00	5.76	14.53	46.41	-	-
10/09/2009 06:00:00	5.76	14.51	46.37	-	-
10/09/2009 07:00:00	5.76	14.49	46.32	-	-
10/09/2009 08:00:00	5.77	14.48	46.28	-	-
10/09/2009 09:00:00	5.78	14.48	46.25	-	-
10/09/2009 10:00:00	5.82	14.52	46.23	-	-
10/09/2009 11:00:00	5.86	14.58	46.24	-	-
10/09/2009 12:00:00	5.90	14.65	46.29	-	-
10/09/2009 13:00:00	5.92	14.71	46.37	-	-
10/09/2009 14:00:00	5.93	14.77	46.49	-	-
10/09/2009 15:00:00	5.92	14.81	46.60	-	-
10/09/2009 16:00:00	5.87	14.80	46.71	-	-
10/09/2009 17:00:00	5.80	14.77	46.78	-	-
10/09/2009 18:00:00	5.75	14.74	46.83	-	-
10/09/2009 19:00:00	5.72	14.70	46.85	-	-
10/09/2009 20:00:00	5.69	14.66	46.85	-	-
10/09/2009 21:00:00	5.67	14.62	46.84	-	-
10/09/2009 22:00:00	5.66	14.59	46.82	-	-
10/09/2009 23:00:00	5.65	14.57	46.80	-	-
11/09/2009 00:00:00	5.64	14.54	46.78	-	-
11/09/2009 01:00:00	5.63	14.52	46.75	-	-
11/09/2009 02:00:00	5.62	14.50	46.73	-	-
11/09/2009 03:00:00	5.61	14.49	46.70	-	-
11/09/2009 04:00:00	5.61	14.46	46.68	-	-
11/09/2009 05:00:00	5.60	14.45	46.64	-	-

Campbell Park					
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)	Moisture Content 50 cm below ground level (vol% H_2O)
11/09/2009 06:00:00	5.60	14.43	46.62	-	-
11/09/2009 07:00:00	5.60	14.41	46.59	-	-
11/09/2009 08:00:00	5.60	14.40	46.56	-	-
11/09/2009 09:00:00	5.60	14.39	46.54	-	-
11/09/2009 10:00:00	5.63	14.41	46.53	-	-
11/09/2009 11:00:00	5.85	14.61	46.45	-	-
11/09/2009 12:00:00	5.89	14.66	46.49	-	-
11/09/2009 13:00:00	5.91	14.72	46.56	-	-
11/09/2009 14:00:00	5.92	14.76	46.67	-	-
11/09/2009 15:00:00	5.91	14.79	46.76	-	-
11/09/2009 16:00:00	5.88	14.79	46.85	-	-
11/09/2009 17:00:00	5.83	14.77	46.93	-	-
11/09/2009 18:00:00	5.80	14.74	46.97	-	-
11/09/2009 19:00:00	5.76	14.69	46.99	-	-
11/09/2009 20:00:00	5.73	14.64	46.98	-	-
11/09/2009 21:00:00	5.71	14.59	46.96	-	-
11/09/2009 22:00:00	5.70	14.54	46.93	-	-
11/09/2009 23:00:00	5.69	14.51	46.89	-	-
12/09/2009 00:00:00	5.69	14.48	46.85	-	-
12/09/2009 01:00:00	5.68	14.45	46.82	-	-
12/09/2009 02:00:00	5.68	14.43	46.79	-	-
12/09/2009 03:00:00	5.68	14.42	46.76	-	-
12/09/2009 04:00:00	5.68	14.40	46.73	-	-
12/09/2009 05:00:00	5.68	14.39	46.71	-	-
12/09/2009 06:00:00	5.67	14.38	46.69	-	-
12/09/2009 07:00:00	5.67	14.36	46.65	-	-
12/09/2009 08:00:00	5.67	14.35	46.62	-	-
12/09/2009 09:00:00	5.69	14.35	46.60	-	-
12/09/2009 10:00:00	5.73	14.37	46.59	-	-
12/09/2009 11:00:00	5.77	14.42	46.61	-	-
12/09/2009 12:00:00	5.80	14.48	46.67	-	-
12/09/2009 13:00:00	5.83	14.54	46.75	-	-
12/09/2009 14:00:00	5.84	14.59	46.85	-	-
12/09/2009 15:00:00	5.82	14.62	46.96	-	-
12/09/2009 16:00:00	5.79	14.62	47.05	-	-
12/09/2009 17:00:00	5.76	14.61	47.11	-	-
12/09/2009 18:00:00	5.72	14.59	47.15	-	-
12/09/2009 19:00:00	5.69	14.54	47.18	-	-
12/09/2009 20:00:00	5.67	14.50	47.19	-	-
12/09/2009 21:00:00	5.65	14.45	47.18	-	-
12/09/2009 22:00:00	5.64	14.42	47.15	-	-
12/09/2009 23:00:00	5.63	14.39	47.13	-	-
13/09/2009 00:00:00	5.62	14.35	47.10	-	-
13/09/2009 01:00:00	5.61	14.33	47.08	-	-
13/09/2009 02:00:00	5.60	14.31	47.05	-	-
13/09/2009 03:00:00	5.59	14.28	47.02	-	-
13/09/2009 04:00:00	5.59	14.25	46.99	-	-
13/09/2009 05:00:00	5.59	14.23	46.96	-	-
13/09/2009 06:00:00	5.58	14.21	46.93	-	-
13/09/2009 07:00:00	5.58	14.19	46.89	-	-
13/09/2009 08:00:00	5.57	14.17	46.86	-	-
13/09/2009 09:00:00	5.58	14.16	46.83	-	-
13/09/2009 10:00:00	5.62	14.16	46.81	-	-
13/09/2009 11:00:00	5.65	14.19	46.81	-	-
13/09/2009 12:00:00	5.68	14.22	46.84	-	-
13/09/2009 13:00:00	5.67	14.25	46.90	-	-
13/09/2009 14:00:00	5.67	14.25	46.96	-	-
13/09/2009 15:00:00	5.67	14.26	47.02	-	-

Campbell Park					
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)	Moisture Content 50 cm below ground level (vol% H_2O)
13/09/2009 16:00:00	5.68	14.25	47.04	-	-
13/09/2009 17:00:00	5.65	14.23	47.05	-	-
13/09/2009 18:00:00	5.63	14.19	47.03	-	-
13/09/2009 19:00:00	5.60	14.15	47.00	-	-
13/09/2009 20:00:00	5.59	14.11	46.95	-	-
13/09/2009 21:00:00	5.58	14.08	46.88	-	-
13/09/2009 22:00:00	5.57	14.04	46.83	-	-
13/09/2009 23:00:00	5.57	14.01	46.78	-	-
14/09/2009 00:00:00	5.56	13.99	46.73	-	-
14/09/2009 01:00:00	5.56	13.97	46.68	-	-
14/09/2009 02:00:00	5.56	13.95	46.62	-	-
14/09/2009 03:00:00	5.56	13.93	46.57	-	-
14/09/2009 04:00:00	5.55	13.91	46.52	-	-
14/09/2009 05:00:00	5.55	13.89	46.48	-	-
14/09/2009 06:00:00	5.54	13.87	46.43	-	-
14/09/2009 07:00:00	5.54	13.85	46.38	-	-
14/09/2009 08:00:00	5.55	13.84	46.33	-	-
14/09/2009 09:00:00	5.57	13.83	46.29	-	-
14/09/2009 10:00:00	5.61	13.86	46.27	-	-
14/09/2009 11:00:00	5.66	13.91	46.29	-	-
14/09/2009 12:00:00	5.69	13.97	46.34	-	-
14/09/2009 13:00:00	5.72	14.05	46.42	-	-
14/09/2009 14:00:00	5.72	14.10	46.52	-	-
14/09/2009 15:00:00	5.69	14.12	46.61	-	-
14/09/2009 16:00:00	5.66	14.12	46.69	-	-
14/09/2009 17:00:00	5.62	14.10	46.74	-	-
14/09/2009 18:00:00	5.59	14.07	46.76	-	-
14/09/2009 19:00:00	5.55	14.03	46.76	-	-
14/09/2009 20:00:00	5.54	13.99	46.73	-	-
14/09/2009 21:00:00	5.53	13.96	46.70	-	-
14/09/2009 22:00:00	5.52	13.93	46.64	-	-
14/09/2009 23:00:00	5.52	13.90	46.60	-	-
15/09/2009 00:00:00	5.52	13.88	46.56	-	-
15/09/2009 01:00:00	5.52	13.86	46.51	-	-
15/09/2009 02:00:00	5.52	13.84	46.46	-	-
15/09/2009 03:00:00	5.51	13.82	46.42	-	-
15/09/2009 04:00:00	5.52	13.80	46.37	-	-
15/09/2009 05:00:00	5.52	13.79	46.33	-	-
15/09/2009 06:00:00	5.51	13.77	46.29	-	-
15/09/2009 07:00:00	5.51	13.76	46.26	-	-
15/09/2009 08:00:00	5.51	13.75	46.22	-	-
15/09/2009 09:00:00	5.52	13.74	46.18	-	-
15/09/2009 10:00:00	5.56	13.75	46.17	-	-
15/09/2009 11:00:00	5.60	13.80	46.18	-	-
15/09/2009 12:00:00	5.65	13.87	46.23	-	-
15/09/2009 13:00:00	5.69	13.95	46.32	-	-
15/09/2009 14:00:00	5.70	14.01	46.45	-	-
15/09/2009 15:00:00	5.67	14.05	46.57	-	-
15/09/2009 16:00:00	5.63	14.07	46.68	-	-
15/09/2009 17:00:00	5.58	14.06	46.76	-	-
15/09/2009 18:00:00	5.54	14.04	46.81	-	-
15/09/2009 19:00:00	5.51	14.00	46.83	-	-
15/09/2009 20:00:00	5.48	13.97	46.83	-	-
15/09/2009 21:00:00	5.47	13.93	46.81	-	-
15/09/2009 22:00:00	5.46	13.90	46.78	-	-
15/09/2009 23:00:00	5.43	13.85	46.75	-	-
16/09/2009 00:00:00	5.43	13.83	46.72	-	-
16/09/2009 01:00:00	5.43	13.81	46.68	-	-

Campbell Park					
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)	Moisture Content 50 cm below ground level (vol% H_2O)
16/09/2009 02:00:00	5.43	13.80	46.64	-	-
16/09/2009 03:00:00	5.42	13.78	46.61	-	-
16/09/2009 04:00:00	5.42	13.76	46.57	-	-
16/09/2009 05:00:00	5.42	13.74	46.54	-	-
16/09/2009 06:00:00	5.43	13.73	46.52	-	-
16/09/2009 07:00:00	5.43	13.73	46.49	-	-
16/09/2009 08:00:00	5.43	13.72	46.47	-	-
16/09/2009 09:00:00	5.43	13.71	46.46	-	-
16/09/2009 10:00:00	5.43	13.71	46.45	-	-
16/09/2009 11:00:00	5.46	13.71	46.44	-	-
16/09/2009 12:00:00	5.48	13.74	46.45	-	-
16/09/2009 13:00:00	5.47	13.76	46.49	-	-
16/09/2009 14:00:00	5.47	13.77	46.49	-	-
16/09/2009 15:00:00	5.47	13.77	46.49	-	-
16/09/2009 16:47:30	4.84	14.83	42.98	38.94	44.85
16/09/2009 16:47:30	4.84	14.83	42.98	38.94	44.85
16/09/2009 16:50:30	4.84	14.83	42.97	38.94	44.84
16/09/2009 17:42:00	4.83	14.82	42.91	38.94	44.86
16/09/2009 18:42:00	4.91	14.81	42.88	38.90	44.83
16/09/2009 19:42:00	5.41	14.99	42.85	38.81	44.77
16/09/2009 20:42:00	5.87	15.59	42.92	38.81	44.77
16/09/2009 21:42:00	5.86	16.01	43.04	38.86	44.77
16/09/2009 22:42:00	5.89	16.25	43.12	38.90	44.78
16/09/2009 23:42:00	6.02	16.76	43.27	38.94	44.78
17/09/2009 00:42:00	6.01	17.12	43.45	39.02	44.79
17/09/2009 01:42:00	5.99	17.24	43.54	39.07	44.80
17/09/2009 02:42:00	5.97	17.26	43.58	39.10	44.80
17/09/2009 03:42:00	5.97	17.25	43.58	39.10	44.78
17/09/2009 04:42:00	7.07	19.45	44.42	39.16	44.73
17/09/2009 05:42:00	7.15	19.77	45.11	39.28	44.75
17/09/2009 06:42:00	7.08	19.68	45.11	39.29	44.75
17/09/2009 07:42:00	7.00	19.58	45.05	39.28	44.76
17/09/2009 08:42:00	6.93	19.51	45.00	39.28	44.76
17/09/2009 09:42:00	6.86	19.44	44.95	39.28	44.76
17/09/2009 10:42:00	6.79	19.37	44.89	39.26	44.76
17/09/2009 11:42:00	6.73	19.30	44.83	39.24	44.76
17/09/2009 12:42:00	6.66	19.23	44.76	39.22	44.76
17/09/2009 13:42:00	6.62	19.17	44.71	39.21	44.77
17/09/2009 14:42:00	6.56	19.12	44.66	39.21	44.77
17/09/2009 15:42:00	6.47	19.03	44.61	39.20	44.77
17/09/2009 16:42:00	6.39	18.94	44.55	39.19	44.77
17/09/2009 17:42:00	6.31	18.83	44.47	39.18	44.78
17/09/2009 18:42:00	6.25	18.74	44.40	39.17	44.77
17/09/2009 19:42:00	6.21	18.66	44.31	39.15	44.78
17/09/2009 20:42:00	6.17	18.60	44.24	39.13	44.77
17/09/2009 21:42:00	6.14	18.54	44.17	39.11	44.77
17/09/2009 22:42:00	6.12	18.49	44.10	39.08	44.77
17/09/2009 23:42:00	6.10	18.44	44.04	39.05	44.76
18/09/2009 00:42:00	6.08	18.39	43.96	39.02	44.74
18/09/2009 01:42:00	6.07	18.35	43.90	38.99	44.73
18/09/2009 02:42:00	6.06	18.32	43.84	38.95	44.72
18/09/2009 03:42:00	6.05	18.28	43.78	38.92	44.70
18/09/2009 04:42:00	6.05	18.25	43.73	38.89	44.69
18/09/2009 05:42:00	6.04	18.22	43.68	38.85	44.67
18/09/2009 06:42:00	6.04	18.20	43.63	38.81	44.66
18/09/2009 07:42:00	6.04	18.18	43.59	38.77	44.65
18/09/2009 08:42:00	6.05	18.16	43.56	38.75	44.64
18/09/2009 09:42:00	6.10	18.18	43.55	38.72	44.62

Campbell Park					
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)	Moisture Content 50 cm below ground level (vol% H_2O)
18/09/2009 10:42:00	6.13	18.22	43.57	38.70	44.61
18/09/2009 11:42:00	6.16	18.26	43.62	38.70	44.60
18/09/2009 12:42:00	6.18	18.30	43.70	38.70	44.59
18/09/2009 13:42:00	6.19	18.33	43.79	38.71	44.59
18/09/2009 14:42:00	6.17	18.34	43.88	38.73	44.59
18/09/2009 15:42:00	6.13	18.32	43.96	38.76	44.59
18/09/2009 16:42:00	6.06	18.26	44.01	38.78	44.60
18/09/2009 17:42:00	6.01	18.19	44.03	38.81	44.60
18/09/2009 18:42:00	5.97	18.12	44.03	38.83	44.61
18/09/2009 19:42:00	5.93	18.05	44.01	38.85	44.62
18/09/2009 20:42:00	5.89	17.98	43.98	38.86	44.63
18/09/2009 21:42:00	5.87	17.92	43.95	38.86	44.64
18/09/2009 22:42:00	5.85	17.87	43.92	38.86	44.65
18/09/2009 23:42:00	5.84	17.84	43.89	38.86	44.65
19/09/2009 00:42:00	5.82	17.81	43.87	38.85	44.65
19/09/2009 01:42:00	5.81	17.77	43.84	38.84	44.65
19/09/2009 02:42:00	5.82	17.74	43.81	38.82	44.64
19/09/2009 03:42:00	5.83	17.73	43.80	38.82	44.64
19/09/2009 04:42:00	5.83	17.72	43.78	38.81	44.64
19/09/2009 05:42:00	5.82	17.70	43.77	38.80	44.64
19/09/2009 06:42:00	5.81	17.66	43.74	38.79	44.64
19/09/2009 07:42:00	5.81	17.63	43.72	38.78	44.64
19/09/2009 08:42:00	5.82	17.62	43.70	38.78	44.64
19/09/2009 09:42:00	5.85	17.63	43.70	38.77	44.64
19/09/2009 10:42:00	5.88	17.65	43.72	38.77	44.64
19/09/2009 11:42:00	5.90	17.69	43.77	38.78	44.64
19/09/2009 12:42:00	5.93	17.72	43.84	38.79	44.64
19/09/2009 13:42:00	5.94	17.75	43.93	38.82	44.64
19/09/2009 14:42:00	5.94	17.76	44.02	38.84	44.64
19/09/2009 15:42:00	5.90	17.74	44.10	38.88	44.66
19/09/2009 16:42:00	5.84	17.67	44.15	38.92	44.67
19/09/2009 17:42:00	5.80	17.58	44.16	38.94	44.68
19/09/2009 18:42:00	5.75	17.48	44.14	38.96	44.70
19/09/2009 19:42:00	5.72	17.37	44.10	38.97	44.72
19/09/2009 20:42:00	5.69	17.28	44.05	38.97	44.73
19/09/2009 21:42:00	5.67	17.18	44.00	38.97	44.73
19/09/2009 22:42:00	5.67	17.11	43.94	38.96	44.74
19/09/2009 23:42:00	5.66	17.05	43.88	38.94	44.74
20/09/2009 00:42:00	5.64	16.99	43.83	38.93	44.74
20/09/2009 01:42:00	5.63	16.94	43.79	38.91	44.73
20/09/2009 02:42:00	5.63	16.88	43.74	38.89	44.73
20/09/2009 03:42:00	5.62	16.84	43.69	38.86	44.72
20/09/2009 04:42:00	5.62	16.80	43.64	38.83	44.72
20/09/2009 05:42:00	5.62	16.76	43.60	38.81	44.70
20/09/2009 06:42:00	5.61	16.72	43.57	38.76	44.69
20/09/2009 07:42:00	5.61	16.68	43.53	38.73	44.68
20/09/2009 08:42:00	5.63	16.68	43.50	38.72	44.67
20/09/2009 09:42:00	5.67	16.69	43.49	38.70	44.66
20/09/2009 10:42:00	5.70	16.73	43.52	38.68	44.65
20/09/2009 11:42:00	5.75	16.78	43.57	38.68	44.65
20/09/2009 12:42:00	5.75	16.84	43.64	38.69	44.64
20/09/2009 13:42:00	5.73	16.84	43.73	38.70	44.64
20/09/2009 14:42:00	5.73	16.86	43.81	38.73	44.64
20/09/2009 15:42:00	5.70	16.87	43.89	38.76	44.64
20/09/2009 16:42:00	5.65	16.84	43.95	38.80	44.65
20/09/2009 17:42:00	5.61	16.78	43.98	38.83	44.66
20/09/2009 18:42:00	5.58	16.72	43.98	38.85	44.67
20/09/2009 19:42:00	5.55	16.64	43.96	38.87	44.69

Campbell Park					
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)	Moisture Content 50 cm below ground level (vol% H_2O)
20/09/2009 20:42:00	5.53	16.57	43.93	38.87	44.70
20/09/2009 21:42:00	5.51	16.50	43.88	38.87	44.70
20/09/2009 22:42:00	5.50	16.45	43.82	38.86	44.70
20/09/2009 23:42:00	5.49	16.40	43.77	38.85	44.70
21/09/2009 00:42:00	5.49	16.36	43.71	38.82	44.70
21/09/2009 01:42:00	5.48	16.32	43.65	38.80	44.69
21/09/2009 02:42:00	5.48	16.30	43.61	38.78	44.69
21/09/2009 03:42:00	5.48	16.28	43.56	38.75	44.67
21/09/2009 04:42:00	5.48	16.25	43.51	38.72	44.66
21/09/2009 05:42:00	5.47	16.22	43.46	38.69	44.66
21/09/2009 06:42:00	5.47	16.20	43.42	38.66	44.64
21/09/2009 07:42:00	5.48	16.18	43.38	38.64	44.63
21/09/2009 08:42:00	5.49	16.18	43.36	38.61	44.62
21/09/2009 09:42:00	5.51	16.21	43.35	38.59	44.61
21/09/2009 10:42:00	5.53	16.24	43.36	38.58	44.59
21/09/2009 11:42:00	5.54	16.27	43.38	38.56	44.57
21/09/2009 12:42:00	5.54	16.27	43.39	38.54	44.55
21/09/2009 13:42:00	5.84	16.42	43.38	38.46	44.47
21/09/2009 14:42:00	6.06	16.97	43.52	38.48	44.45
21/09/2009 15:42:00	6.87	17.70	43.58	38.42	44.36
21/09/2009 16:42:00	27.35	34.27	45.28	38.31	44.23
21/09/2009 17:42:00	34.90	33.91	44.83	38.46	44.19
21/09/2009 18:42:00	34.96	33.76	44.67	38.55	44.21
21/09/2009 19:42:00	34.97	33.70	44.65	38.56	44.21
21/09/2009 20:42:00	34.98	33.67	44.64	38.57	44.21
21/09/2009 21:42:00	34.98	33.65	44.62	38.56	44.20
21/09/2009 22:42:00	34.98	33.63	44.61	38.54	44.19
21/09/2009 23:42:00	34.96	33.62	44.61	38.52	44.18
22/09/2009 00:42:00	34.31	33.60	44.59	38.52	44.18
22/09/2009 01:42:00	33.85	33.59	44.55	38.53	44.17
22/09/2009 02:42:00	32.76	33.58	44.52	38.58	44.16
22/09/2009 03:42:00	30.39	33.57	44.49	38.60	44.16
22/09/2009 04:42:00	28.39	33.55	44.47	38.61	44.15
22/09/2009 05:42:00	27.57	33.54	44.46	38.61	44.14
22/09/2009 06:42:00	26.60	33.32	44.45	38.60	44.13
22/09/2009 07:42:00	26.08	33.24	44.44	38.59	44.13
22/09/2009 08:42:00	25.64	33.16	44.44	38.58	44.12
22/09/2009 09:42:00	24.79	32.54	44.45	38.59	44.12
22/09/2009 10:42:00	23.41	31.91	44.53	38.82	44.13
22/09/2009 11:42:00	21.67	31.07	44.82	39.55	44.13
22/09/2009 12:42:00	20.13	30.25	44.90	39.55	44.12
22/09/2009 13:42:00	19.79	29.98	44.98	39.55	44.11
22/09/2009 14:42:00	20.24	30.38	45.07	39.53	44.11
22/09/2009 15:42:00	19.66	30.05	45.07	39.54	44.12
22/09/2009 16:42:00	19.45	29.83	45.11	39.55	44.12
22/09/2009 17:42:00	33.10	33.07	45.78	38.82	44.05
22/09/2009 18:42:00	33.27	33.05	45.66	38.78	44.07
22/09/2009 19:42:00	33.39	33.05	45.57	38.84	44.10
22/09/2009 20:42:00	33.43	33.08	45.52	38.86	44.11
22/09/2009 21:42:00	33.47	33.10	45.49	38.86	44.11
22/09/2009 22:42:00	33.51	33.13	45.48	38.85	44.11
22/09/2009 23:42:00	33.57	33.15	45.49	38.83	44.11
23/09/2009 00:42:00	33.61	33.16	45.49	38.82	44.11
23/09/2009 01:42:00	33.65	33.18	45.49	38.80	44.10
23/09/2009 02:42:00	33.71	33.20	45.49	38.78	44.09
23/09/2009 03:42:00	33.75	33.22	45.47	38.78	44.10
23/09/2009 04:42:00	33.80	33.23	45.46	38.76	44.10
23/09/2009 05:42:00	33.85	33.25	45.45	38.74	44.07

Campbell Park					
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)	Moisture Content 50 cm below ground level (vol% H_2O)
23/09/2009 06:42:00	33.88	33.26	45.44	38.71	44.07
23/09/2009 07:42:00	33.91	33.28	45.43	38.68	44.06
23/09/2009 08:42:00	33.89	33.28	45.42	38.66	44.05
23/09/2009 09:42:00	33.82	33.27	45.43	38.64	44.05
23/09/2009 10:42:00	33.76	33.25	45.43	38.62	44.04
23/09/2009 11:42:00	33.70	33.22	45.46	38.60	44.03
23/09/2009 12:42:00	33.56	33.16	45.46	38.56	44.01
23/09/2009 13:42:00	26.37	32.43	45.39	38.55	44.00
23/09/2009 14:42:00	22.72	31.39	45.41	38.55	44.01
23/09/2009 15:42:00	20.58	30.40	45.46	38.58	44.01
23/09/2009 16:42:00	19.80	29.93	45.50	38.60	44.01
23/09/2009 17:42:00	19.21	29.60	45.52	38.62	44.01
23/09/2009 18:42:00	18.75	29.22	45.53	38.64	44.02
23/09/2009 19:42:00	18.32	28.85	45.52	38.65	44.03
23/09/2009 20:42:00	18.04	28.65	45.51	38.65	44.04
23/09/2009 21:42:00	17.79	28.50	45.49	38.66	44.04
23/09/2009 22:42:00	17.60	28.38	45.47	38.65	44.04
23/09/2009 23:42:00	17.46	28.29	45.45	38.65	44.04
24/09/2009 00:42:00	17.29	28.19	45.43	38.64	44.04
24/09/2009 01:42:00	17.14	28.10	45.41	38.63	44.04
24/09/2009 02:42:00	17.00	28.03	45.39	38.62	44.03
24/09/2009 03:42:00	16.84	27.94	45.38	38.61	44.03
24/09/2009 04:42:00	16.72	27.86	45.37	38.59	44.03
24/09/2009 05:42:00	16.60	27.78	45.36	38.58	44.02
24/09/2009 06:42:00	16.49	27.71	45.34	38.57	44.01
24/09/2009 07:42:00	16.40	27.66	45.33	38.56	44.01
24/09/2009 08:42:00	16.30	27.62	45.33	38.55	44.01
24/09/2009 09:42:00	16.08	27.51	45.34	38.54	44.01
24/09/2009 10:42:00	15.79	27.35	45.33	38.53	44.01
24/09/2009 11:42:00	15.41	27.15	45.33	38.53	44.01
24/09/2009 12:42:00	15.03	26.94	45.37	38.54	44.01
24/09/2009 13:42:00	14.66	26.74	45.41	38.56	44.02
24/09/2009 14:42:00	14.33	26.51	45.44	38.58	44.03
24/09/2009 15:42:00	14.04	26.28	45.41	38.61	44.03
24/09/2009 16:42:00	13.81	26.09	45.39	38.63	44.04
24/09/2009 17:42:00	13.64	25.95	45.34	38.65	44.05
24/09/2009 18:42:00	13.54	25.88	45.33	38.66	44.06
24/09/2009 19:42:00	13.50	25.85	45.31	38.68	44.07
24/09/2009 20:42:00	13.45	25.82	45.26	38.68	44.09
24/09/2009 21:42:00	13.38	25.76	45.22	38.68	44.10
24/09/2009 22:42:00	13.32	25.72	45.18	38.68	44.10
24/09/2009 23:42:00	13.26	25.64	45.11	38.53	44.10
25/09/2009 00:42:00	13.26	25.64	45.08	38.51	44.11
25/09/2009 01:42:00	13.26	25.60	45.04	38.50	44.11
25/09/2009 02:42:00	13.31	25.65	45.06	38.50	44.11
25/09/2009 03:42:00	13.39	25.71	45.07	38.49	44.10
25/09/2009 04:42:00	13.41	25.72	45.05	38.48	44.10
25/09/2009 05:42:00	13.98	26.20	45.23	38.61	44.10
25/09/2009 06:42:00	14.02	26.19	45.33	38.65	44.09
25/09/2009 07:42:00	14.16	26.33	45.50	38.66	44.09
25/09/2009 08:42:00	13.98	26.20	45.44	38.65	44.09
25/09/2009 09:42:00	13.83	26.09	45.34	38.64	44.09
25/09/2009 10:42:00	13.66	25.97	45.25	38.63	44.07
25/09/2009 11:42:00	13.32	25.71	45.09	38.61	44.07
25/09/2009 12:42:00	13.07	25.52	44.99	38.59	44.06
25/09/2009 13:42:00	12.89	25.37	44.94	38.56	44.06
25/09/2009 14:42:00	13.52	25.86	45.19	38.51	44.05
25/09/2009 15:42:00	13.41	25.76	45.20	38.53	44.05

Campbell Park					
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)	Moisture Content 50 cm below ground level (vol% H_2O)
25/09/2009 16:42:00	22.91	32.51	45.76	38.41	43.99
25/09/2009 17:42:00	21.37	31.94	45.66	38.45	44.01
25/09/2009 18:42:00	20.54	31.39	45.63	38.46	44.01
25/09/2009 19:42:00	19.62	30.96	45.58	38.45	44.01
25/09/2009 20:42:00	18.64	30.23	45.55	38.44	44.02
25/09/2009 21:42:00	17.79	29.52	45.52	38.44	44.01
25/09/2009 22:42:00	17.19	29.08	45.46	38.42	44.01
25/09/2009 23:42:00	16.65	28.69	45.43	38.40	44.00
26/09/2009 00:42:00	16.22	28.39	45.41	38.39	43.99
26/09/2009 01:42:00	15.88	28.15	45.38	38.37	43.98
26/09/2009 02:42:00	17.34	29.24	45.50	38.34	43.94
26/09/2009 03:42:00	21.96	32.21	45.55	38.27	43.91
26/09/2009 04:42:00	20.60	31.68	45.43	38.23	43.92
26/09/2009 05:42:00	20.00	31.32	45.39	38.20	43.92
26/09/2009 06:42:00	19.97	31.27	45.38	38.18	43.90
26/09/2009 07:42:00	19.37	30.92	45.35	38.16	43.90
26/09/2009 08:42:00	27.65	32.05	45.45	38.10	43.83
26/09/2009 09:42:00	26.31	32.00	45.36	38.03	43.84
26/09/2009 10:42:00	23.69	31.58	45.31	38.01	43.84
26/09/2009 11:42:00	20.54	30.66	45.27	38.02	43.86
26/09/2009 12:42:00	18.06	29.44	45.30	38.04	43.86
26/09/2009 13:42:00	16.30	28.43	47.29	38.30	43.96
26/09/2009 14:42:00	15.47	28.03	47.27	38.35	43.96
26/09/2009 15:42:00	14.97	27.74	46.63	38.39	43.95
26/09/2009 16:42:00	20.18	31.59	46.76	38.39	43.88
26/09/2009 17:42:00	20.45	31.55	46.61	38.05	43.92
26/09/2009 18:42:00	20.38	31.48	46.58	38.00	43.93
26/09/2009 19:42:00	19.32	30.99	46.61	38.00	43.94
26/09/2009 20:42:00	20.69	31.55	46.60	38.01	43.92
26/09/2009 21:42:00	19.81	31.27	46.54	37.99	43.94
26/09/2009 22:42:00	19.05	30.84	46.57	37.99	43.94
26/09/2009 23:42:00	19.02	30.82	46.56	37.99	43.94
27/09/2009 00:42:00	18.75	30.72	46.55	37.98	43.94
27/09/2009 01:42:00	18.37	30.58	46.56	37.96	43.93
27/09/2009 02:42:00	18.07	30.39	46.56	37.96	43.92
27/09/2009 03:42:00	17.50	30.02	46.57	37.95	43.92
27/09/2009 04:42:00	17.11	29.81	46.56	37.95	43.91
27/09/2009 05:42:00	16.76	29.59	46.56	37.94	43.90
27/09/2009 06:42:00	16.47	29.41	46.51	37.94	43.89
27/09/2009 07:42:00	16.08	29.16	46.42	37.93	43.89
27/09/2009 08:42:00	15.75	28.95	46.35	37.93	43.88
27/09/2009 09:42:00	15.45	28.76	46.31	37.92	43.88
27/09/2009 10:42:00	15.33	28.71	45.95	37.92	43.87
27/09/2009 11:42:00	15.24	28.67	45.93	37.93	43.86
27/09/2009 12:42:00	14.98	28.51	45.88	37.94	43.84
27/09/2009 13:42:00	14.77	28.36	45.74	37.94	43.84
27/09/2009 14:42:00	14.51	28.17	45.68	37.95	43.84
27/09/2009 15:42:00	14.26	27.96	45.43	37.97	43.83
27/09/2009 16:42:00	14.02	27.78	45.36	37.96	43.83
27/09/2009 17:42:00	14.36	28.03	45.48	38.00	43.82
27/09/2009 18:42:00	14.19	27.90	45.46	38.02	43.83
27/09/2009 19:42:00	14.24	27.95	45.47	38.01	43.83
27/09/2009 20:42:00	14.44	28.11	45.53	38.02	43.84
27/09/2009 21:42:00	14.31	28.02	45.52	38.03	43.84
27/09/2009 22:42:00	14.19	27.95	45.47	38.03	43.84
27/09/2009 23:42:00	14.12	27.89	45.41	38.03	43.84
28/09/2009 00:42:00	14.06	27.85	45.35	38.03	43.84
28/09/2009 01:42:00	14.00	27.82	45.30	38.03	43.84

Campbell Park					
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)	Moisture Content 50 cm below ground level (vol% H_2O)
28/09/2009 02:42:00	13.96	27.78	45.25	38.02	43.83
28/09/2009 03:42:00	14.03	27.82	45.22	38.02	43.82
28/09/2009 04:42:00	14.01	27.82	45.21	38.01	43.82
28/09/2009 05:42:00	13.91	27.74	45.15	37.99	43.81
28/09/2009 06:42:00	13.85	27.70	45.08	37.97	43.81
28/09/2009 07:42:00	13.89	27.72	45.04	37.97	43.80
28/09/2009 08:42:00	12.57	25.71	44.81	37.94	43.91
28/09/2009 09:42:00	12.60	25.70	44.86	37.94	43.90
28/09/2009 10:42:00	12.88	25.76	45.09	37.94	43.88
28/09/2009 11:42:00	12.80	25.70	45.12	37.94	43.88
28/09/2009 12:42:00	12.69	25.64	45.14	37.95	43.87
28/09/2009 13:42:00	12.63	25.62	45.17	37.97	43.87
28/09/2009 14:42:00	12.50	25.55	45.17	38.00	43.88
28/09/2009 15:42:00	12.35	25.46	45.18	38.02	43.88
28/09/2009 16:42:00	12.23	25.39	45.19	38.05	43.88
28/09/2009 17:42:00	12.15	25.34	45.18	38.08	43.89
28/09/2009 18:42:00	12.07	25.28	45.17	38.06	43.90
28/09/2009 19:42:00	12.00	25.21	45.11	38.08	43.91
28/09/2009 20:42:00	11.94	25.16	45.07	38.09	43.92
28/09/2009 21:42:00	11.90	25.11	45.02	38.09	43.93
28/09/2009 22:42:00	11.87	25.08	44.96	38.07	43.93
28/09/2009 23:42:00	11.85	25.05	44.92	38.06	43.94
29/09/2009 00:42:00	11.84	25.03	44.88	38.05	43.93
29/09/2009 01:42:00	11.82	25.02	44.85	38.04	43.93
29/09/2009 02:42:00	11.79	24.99	44.81	38.02	43.93
29/09/2009 03:42:00	11.77	24.97	44.77	38.01	43.92
29/09/2009 04:42:00	11.75	24.95	44.73	37.99	43.92
29/09/2009 05:42:00	11.73	24.94	44.68	37.98	43.91
29/09/2009 06:42:00	11.71	24.92	44.65	37.95	43.90
29/09/2009 07:42:00	11.70	24.91	44.62	37.94	43.90
29/09/2009 08:42:00	11.71	24.91	44.60	37.93	43.90
29/09/2009 09:42:00	11.71	24.91	44.60	37.91	43.89
29/09/2009 10:42:00	11.71	24.92	44.62	37.91	43.88
29/09/2009 11:42:00	11.69	24.94	44.68	37.91	43.88
29/09/2009 12:42:00	11.64	24.93	44.77	37.93	43.88
29/09/2009 13:42:00	11.53	24.89	44.86	37.94	43.88
29/09/2009 14:42:00	11.42	24.83	44.96	37.98	43.88
29/09/2009 15:42:00	11.31	24.75	45.02	38.01	43.89
29/09/2009 16:42:00	11.24	24.72	45.08	38.06	43.90
29/09/2009 17:42:00	11.20	24.70	45.12	38.11	43.92
29/09/2009 18:42:00	11.16	24.67	45.14	38.15	43.93
29/09/2009 19:42:00	11.12	24.64	45.15	38.17	43.94
29/09/2009 20:42:00	11.07	24.58	45.12	38.19	43.96
29/09/2009 21:42:00	11.03	24.53	45.08	38.21	43.98
29/09/2009 22:42:00	10.98	24.46	45.06	38.23	43.99
29/09/2009 23:42:00	10.93	24.41	45.02	38.23	44.00
30/09/2009 00:42:00	10.89	24.36	44.98	38.23	44.01
30/09/2009 01:42:00	10.87	24.33	44.95	38.22	44.01
30/09/2009 02:42:00	10.83	24.27	44.90	38.21	44.01
30/09/2009 03:42:00	10.80	24.23	44.86	38.20	44.01
30/09/2009 04:42:00	10.78	24.19	44.82	38.18	44.02
30/09/2009 05:42:00	10.75	24.16	44.79	38.16	44.02
30/09/2009 06:42:00	10.73	24.12	44.75	38.15	44.02
30/09/2009 07:42:00	10.72	24.09	44.72	38.12	44.01
30/09/2009 08:42:00	11.55	24.49	44.53	38.06	44.32
30/09/2009 09:42:00	11.46	24.44	44.50	38.04	44.32
30/09/2009 10:42:00	11.39	24.43	44.51	38.03	44.31
30/09/2009 11:42:00	11.32	24.41	44.55	38.03	44.31

Campbell Park					
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)	Moisture Content 50 cm below ground level (vol% H_2O)
30/09/2009 12:42:00	11.30	24.41	44.61	38.04	44.31
30/09/2009 13:42:00	11.25	24.39	44.67	38.17	44.31
30/09/2009 14:42:00	11.21	24.38	44.75	38.19	44.32
30/09/2009 15:42:00	11.13	24.33	44.82	38.22	44.32
30/09/2009 16:42:00	11.09	24.29	44.86	38.25	44.33
30/09/2009 17:42:00	11.03	24.23	44.87	38.25	44.34
30/09/2009 18:42:00	10.99	24.21	44.89	38.28	44.36
30/09/2009 19:42:00	10.97	24.17	44.88	38.30	44.37
30/09/2009 20:42:00	10.96	24.16	44.88	38.32	44.39
30/09/2009 21:42:00	10.94	24.13	44.86	38.33	44.39
30/09/2009 22:42:00	10.93	24.11	44.83	38.33	44.40
30/09/2009 23:42:00	10.90	24.08	44.79	38.33	44.41
01/10/2009 00:42:00	10.88	24.05	44.77	38.32	44.42
01/10/2009 01:42:00	10.85	24.03	44.74	38.32	44.42
01/10/2009 02:42:00	10.83	24.00	44.72	38.31	44.43
01/10/2009 03:42:00	10.80	23.97	44.70	38.31	44.43
01/10/2009 04:42:00	10.78	23.94	44.66	38.30	44.44
01/10/2009 05:42:00	10.76	23.92	44.64	38.28	44.43
01/10/2009 06:42:00	10.74	23.88	44.61	38.27	44.44
01/10/2009 07:42:00	10.72	23.86	44.58	38.26	44.44
01/10/2009 08:42:00	10.71	23.83	44.56	38.25	44.44
01/10/2009 09:42:00	10.71	23.83	44.56	38.24	44.44
01/10/2009 10:42:00	10.69	23.83	44.57	38.24	44.44
01/10/2009 11:42:00	10.66	23.81	44.60	38.24	44.44
01/10/2009 12:42:00	10.63	23.78	44.64	38.24	44.44
01/10/2009 13:42:00	10.60	23.74	44.67	38.26	44.44
01/10/2009 14:42:00	10.57	23.71	44.71	38.27	44.44
01/10/2009 15:42:00	10.52	23.66	44.74	38.29	44.45
01/10/2009 16:42:00	10.47	23.59	44.77	38.30	44.45
01/10/2009 17:42:00	10.41	23.52	44.77	38.32	44.46
01/10/2009 18:42:00	10.36	23.45	44.74	38.33	44.47
01/10/2009 19:42:00	10.33	23.40	44.72	38.33	44.47
01/10/2009 20:42:00	10.31	23.35	44.66	38.33	44.48
01/10/2009 21:42:00	10.28	23.32	44.63	38.32	44.48
01/10/2009 22:42:00	10.27	23.29	44.59	38.31	44.48
01/10/2009 23:42:00	10.26	23.27	44.55	38.30	44.48
02/10/2009 00:42:00	10.24	23.24	44.51	38.29	44.48
02/10/2009 01:42:00	10.22	23.23	44.49	38.27	44.48
02/10/2009 02:42:00	10.20	23.21	44.46	38.25	44.47
02/10/2009 03:42:00	10.18	23.18	44.44	38.24	44.46
02/10/2009 04:42:00	10.17	23.15	44.40	38.22	44.46
02/10/2009 05:42:00	10.15	23.12	44.37	38.20	44.45
02/10/2009 06:42:00	10.14	23.10	44.34	38.18	44.45
02/10/2009 07:42:00	10.13	23.08	44.31	38.16	44.44
02/10/2009 08:42:00	10.12	23.07	44.30	38.15	44.44
02/10/2009 09:42:00	10.10	23.06	44.29	38.14	44.43
02/10/2009 10:42:00	10.09	23.04	44.29	38.13	44.43
02/10/2009 11:42:00	10.10	23.04	44.30	38.12	44.42
02/10/2009 12:42:00	10.08	23.04	44.33	38.13	44.42
02/10/2009 13:42:00	10.06	23.03	44.37	38.13	44.42
02/10/2009 14:42:00	10.01	22.99	44.42	38.14	44.42
02/10/2009 15:42:00	9.96	22.91	44.45	38.15	44.42
02/10/2009 16:42:00	9.89	22.83	44.47	38.16	44.42
02/10/2009 17:42:00	9.84	22.74	44.48	38.18	44.43
02/10/2009 18:42:00	9.80	22.67	44.47	38.19	44.43
02/10/2009 19:42:00	9.77	22.60	44.44	38.18	44.44
02/10/2009 20:42:00	9.74	22.55	44.41	38.18	44.44
02/10/2009 21:42:00	9.72	22.50	44.37	38.18	44.45

Campbell Park					
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)	Moisture Content 50 cm below ground level (vol% H_2O)
02/10/2009 22:42:00	9.70	22.46	44.34	38.17	44.45
02/10/2009 23:42:00	9.74	22.50	44.30	38.15	44.43
03/10/2009 00:42:00	9.73	22.48	44.28	38.15	44.43
03/10/2009 01:42:00	9.73	22.47	44.25	38.14	44.42
03/10/2009 02:42:00	9.72	22.45	44.22	38.12	44.42
03/10/2009 03:42:00	9.82	22.47	44.16	38.07	44.37
03/10/2009 04:42:00	9.98	22.71	44.19	38.07	44.38
03/10/2009 05:42:00	10.11	22.84	44.17	38.05	44.36
03/10/2009 06:42:00	10.17	22.98	44.21	38.06	44.37
03/10/2009 07:42:00	10.19	23.00	44.20	38.05	44.37
03/10/2009 08:42:00	10.23	23.02	44.18	38.03	44.35
03/10/2009 09:42:00	10.53	23.40	44.26	38.03	44.34
03/10/2009 10:42:00	10.62	23.57	44.35	38.06	44.35
03/10/2009 11:42:00	10.68	23.65	44.40	38.07	44.34
03/10/2009 12:42:00	10.69	23.68	44.47	38.09	44.34
03/10/2009 13:42:00	10.68	23.65	44.52	38.11	44.35
03/10/2009 14:42:00	10.65	23.61	44.58	38.13	44.34
03/10/2009 15:42:00	10.60	23.54	44.62	38.15	44.35
03/10/2009 16:42:00	10.51	23.44	44.64	38.16	44.36
03/10/2009 17:42:00	10.43	23.34	44.64	38.17	44.37
03/10/2009 18:42:00	10.37	23.25	44.62	38.19	44.38
03/10/2009 19:42:00	10.31	23.18	44.59	38.20	44.39
03/10/2009 20:42:00	10.27	23.12	44.54	38.20	44.39
03/10/2009 21:42:00	10.23	23.07	44.50	38.20	44.40
03/10/2009 22:42:00	10.20	23.04	44.45	38.19	44.40
03/10/2009 23:42:00	10.17	23.00	44.40	38.18	44.40
04/10/2009 00:42:00	10.14	22.95	44.35	38.16	44.39
04/10/2009 01:42:00	10.13	22.93	44.31	38.15	44.39
04/10/2009 02:42:00	10.11	22.92	44.27	38.13	44.38
04/10/2009 03:42:00	10.10	22.90	44.23	38.11	44.38
04/10/2009 04:42:00	10.09	22.88	44.20	38.08	44.37
04/10/2009 05:42:00	10.08	22.86	44.17	38.07	44.36
04/10/2009 06:42:00	10.07	22.86	44.14	38.05	44.36
04/10/2009 07:42:00	9.99	22.84	44.11	38.04	44.34
04/10/2009 08:42:00	10.02	22.86	44.11	38.03	44.34
04/10/2009 09:42:00	10.05	22.88	44.11	38.03	44.33
04/10/2009 10:42:00	10.04	22.88	44.14	38.03	44.33
04/10/2009 11:42:00	10.02	22.86	44.19	38.04	44.33
04/10/2009 12:42:00	10.00	22.83	44.24	38.06	44.33
04/10/2009 13:42:00	9.97	22.79	44.30	38.08	44.34
04/10/2009 14:42:00	9.92	22.75	44.38	38.11	44.34
04/10/2009 15:42:00	9.86	22.68	44.45	38.15	44.35
04/10/2009 16:42:00	9.78	22.60	44.51	38.17	44.35
04/10/2009 17:42:00	9.73	22.55	44.54	38.21	44.37
04/10/2009 18:42:00	9.68	22.48	44.55	38.23	44.38
04/10/2009 19:42:00	9.65	22.43	44.54	38.26	44.39
04/10/2009 20:42:00	9.63	22.39	44.53	38.28	44.41
04/10/2009 21:42:00	9.60	22.36	44.51	38.30	44.42
04/10/2009 22:42:00	9.57	22.31	44.49	38.31	44.43
04/10/2009 23:42:00	9.56	22.28	44.46	38.31	44.43
05/10/2009 00:42:00	9.54	22.26	44.43	38.31	44.44
05/10/2009 01:42:00	9.53	22.24	44.41	38.31	44.44
05/10/2009 02:42:00	9.76	22.46	44.38	38.27	44.40
05/10/2009 03:42:00	9.77	22.52	44.38	38.28	44.41
05/10/2009 04:42:00	9.76	22.51	44.37	38.28	44.42
05/10/2009 05:42:00	9.75	22.48	44.34	38.26	44.42
05/10/2009 06:42:00	9.73	22.45	44.32	38.25	44.42
05/10/2009 07:42:00	9.73	22.44	44.28	38.25	44.42

Campbell Park					
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)	Moisture Content 50 cm below ground level (vol% H_2O)
05/10/2009 08:42:00	9.73	22.44	44.26	38.24	44.42
05/10/2009 09:42:00	9.76	22.46	44.27	38.24	44.42
05/10/2009 10:42:00	9.78	22.48	44.30	38.24	44.43
05/10/2009 11:42:00	9.74	22.46	44.36	38.25	44.43
05/10/2009 12:42:00	9.69	22.42	44.44	38.27	44.43
05/10/2009 13:42:00	9.63	22.35	44.50	38.27	44.43
05/10/2009 14:42:00	9.56	22.30	44.56	38.30	44.44
05/10/2009 15:42:00	9.51	22.22	44.59	38.34	44.45
05/10/2009 16:42:00	9.45	22.15	44.60	38.36	44.47
05/10/2009 17:42:00	9.39	22.05	44.60	38.39	44.48
05/10/2009 18:42:00	9.33	21.96	44.58	38.40	44.49
05/10/2009 19:42:00	9.29	21.87	44.55	38.41	44.50
05/10/2009 20:42:00	9.26	21.80	44.51	38.41	44.52
05/10/2009 21:42:00	9.22	21.74	44.46	38.41	44.53
05/10/2009 22:42:00	9.19	21.69	44.42	38.41	44.53
05/10/2009 23:42:00	9.18	21.65	44.39	38.40	44.53
06/10/2009 00:42:00	9.15	21.61	44.34	38.39	44.53
06/10/2009 01:42:00	9.14	21.57	44.31	38.38	44.52
06/10/2009 02:42:00	9.13	21.55	44.27	38.36	44.50
06/10/2009 03:42:00	9.11	21.51	44.23	38.34	44.50
06/10/2009 04:42:00	9.10	21.49	44.21	38.32	44.50
06/10/2009 05:42:00	9.08	21.45	44.17	38.31	44.49
06/10/2009 06:42:00	9.07	21.41	44.14	38.29	44.48
06/10/2009 07:42:00	9.07	21.39	44.11	38.27	44.47
06/10/2009 08:42:00	9.09	21.40	44.09	38.26	44.47
06/10/2009 09:42:00	9.12	21.42	44.09	38.25	44.46
06/10/2009 10:42:00	9.15	21.45	44.12	38.24	44.46
06/10/2009 11:42:00	9.13	21.47	44.17	38.25	44.45
06/10/2009 12:42:00	9.13	21.50	44.25	38.27	44.45
06/10/2009 13:42:00	9.12	21.51	44.33	38.30	44.45
06/10/2009 14:42:00	9.07	21.50	44.43	38.33	44.46
06/10/2009 15:42:00	9.02	21.45	44.50	38.38	44.47
06/10/2009 16:42:00	8.95	21.35	44.55	38.41	44.48
06/10/2009 17:42:00	8.87	21.23	44.56	38.44	44.49
06/10/2009 18:42:00	8.82	21.11	44.53	38.47	44.50
06/10/2009 19:42:00	8.78	21.00	44.49	38.48	44.53
06/10/2009 20:42:00	8.75	20.91	44.43	38.49	44.54
06/10/2009 21:42:00	8.72	20.84	44.38	38.48	44.54
06/10/2009 22:42:00	8.70	20.77	44.32	38.47	44.55
06/10/2009 23:42:00	8.68	20.71	44.27	38.46	44.55
07/10/2009 00:42:00	8.66	20.66	44.21	38.44	44.54
07/10/2009 01:42:00	8.63	20.61	44.16	38.42	44.54
07/10/2009 02:42:00	8.62	20.56	44.11	38.39	44.53
07/10/2009 03:42:00	8.60	20.52	44.06	38.38	44.52
07/10/2009 04:42:00	8.59	20.47	44.01	38.35	44.50
07/10/2009 05:42:00	8.58	20.43	43.96	38.32	44.48
07/10/2009 06:42:00	8.57	20.39	43.91	38.30	44.47
07/10/2009 07:42:00	8.56	20.37	43.86	38.27	44.46
07/10/2009 08:42:00	8.59	20.37	43.83	38.25	44.45
07/10/2009 09:42:00	8.64	20.40	43.82	38.23	44.44
07/10/2009 10:42:00	8.67	20.46	43.86	38.22	44.43
07/10/2009 11:42:00	8.69	20.50	43.93	38.23	44.42
07/10/2009 12:42:00	8.70	20.54	44.02	38.24	44.41
07/10/2009 13:42:00	8.71	20.58	44.12	38.27	44.41
07/10/2009 14:42:00	8.69	20.59	44.23	38.31	44.42
07/10/2009 15:42:00	8.65	20.56	44.33	38.35	44.42
07/10/2009 16:42:00	8.72	20.54	44.31	38.39	44.44
07/10/2009 17:42:00	8.65	20.45	44.33	38.44	44.45

Campbell Park					
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)	Moisture Content 50 cm below ground level (vol% H_2O)
07/10/2009 18:42:00	8.59	20.36	44.33	38.47	44.46
07/10/2009 19:42:00	8.55	20.27	44.30	38.49	44.48
07/10/2009 20:42:00	8.53	20.19	44.26	38.50	44.49
07/10/2009 21:42:00	8.50	20.12	44.22	38.51	44.50
07/10/2009 22:42:00	8.48	20.07	44.17	38.50	44.50
07/10/2009 23:42:00	8.46	20.01	44.12	38.50	44.50
08/10/2009 00:42:00	8.44	19.96	44.08	38.49	44.50
08/10/2009 01:42:00	8.42	19.92	44.04	38.47	44.50
08/10/2009 02:42:00	8.41	19.87	43.99	38.45	44.49
08/10/2009 03:42:00	8.39	19.84	43.94	38.43	44.48
08/10/2009 04:42:00	8.38	19.80	43.89	38.41	44.48
08/10/2009 05:42:00	8.36	19.76	43.85	38.39	44.46
08/10/2009 06:42:00	8.35	19.72	43.80	38.37	44.45
08/10/2009 07:42:00	8.35	19.69	43.76	38.35	44.45
08/10/2009 08:42:00	8.38	19.69	43.73	38.33	44.43
08/10/2009 09:42:00	8.41	19.73	43.72	38.31	44.42
08/10/2009 10:42:00	8.43	19.76	43.74	38.30	44.41
08/10/2009 11:42:00	8.47	19.80	43.78	38.30	44.40
08/10/2009 12:42:00	8.52	19.88	43.86	38.31	44.39
08/10/2009 13:42:00	8.53	19.95	43.96	38.33	44.39
08/10/2009 14:42:00	8.52	19.98	44.07	38.37	44.39
08/10/2009 15:42:00	8.48	19.99	44.18	38.40	44.40
08/10/2009 16:42:00	8.43	19.96	44.26	38.45	44.41
08/10/2009 17:42:00	8.36	19.89	44.29	38.50	44.43
08/10/2009 18:42:00	8.31	19.82	44.30	38.54	44.44
08/10/2009 19:42:00	8.27	19.75	44.28	38.56	44.45
08/10/2009 20:42:00	8.25	19.69	44.26	38.58	44.47
08/10/2009 21:42:00	8.24	19.64	44.22	38.60	44.48
08/10/2009 22:42:00	8.22	19.60	44.19	38.60	44.49
08/10/2009 23:42:00	8.20	19.56	44.15	38.60	44.49
09/10/2009 00:42:00	8.19	19.52	44.12	38.59	44.49
09/10/2009 01:42:00	8.18	19.49	44.08	38.58	44.49
09/10/2009 02:42:00	8.17	19.46	44.05	38.57	44.49
09/10/2009 03:42:00	8.15	19.44	44.02	38.56	44.49
09/10/2009 04:42:00	8.14	19.40	43.99	38.54	44.48
09/10/2009 05:42:00	8.12	19.36	43.95	38.53	44.48
09/10/2009 06:42:00	8.11	19.32	43.90	38.51	44.47
09/10/2009 07:42:00	8.11	19.30	43.86	38.49	44.46
09/10/2009 08:42:00	8.13	19.29	43.83	38.48	44.45
09/10/2009 09:42:00	8.19	19.33	43.82	38.46	44.45
09/10/2009 10:42:00	8.22	19.39	43.85	38.46	44.44
09/10/2009 11:42:00	8.26	19.47	43.92	38.46	44.43
09/10/2009 12:42:00	8.30	19.55	44.01	38.48	44.43
09/10/2009 13:42:00	8.31	19.61	44.12	38.51	44.43
09/10/2009 14:42:00	8.29	19.65	44.24	38.55	44.43
09/10/2009 15:42:00	8.26	19.65	44.34	38.60	44.44
09/10/2009 16:42:00	8.20	19.63	44.42	38.65	44.45
09/10/2009 17:42:00	8.14	19.57	44.45	38.69	44.47
09/10/2009 18:42:00	8.10	19.51	44.45	38.73	44.49
09/10/2009 19:42:00	8.06	19.44	44.44	38.76	44.50
09/10/2009 20:42:00	8.04	19.38	44.41	38.78	44.52
09/10/2009 21:42:00	8.02	19.33	44.37	38.79	44.54
09/10/2009 22:42:00	8.00	19.28	44.33	38.79	44.54
09/10/2009 23:42:00	7.99	19.25	44.29	38.79	44.55
10/10/2009 00:42:00	7.97	19.20	44.25	38.78	44.55
10/10/2009 01:42:00	7.96	19.17	44.21	38.77	44.56
10/10/2009 02:42:00	7.94	19.13	44.17	38.76	44.55
10/10/2009 03:42:00	7.93	19.10	44.12	38.75	44.55

Campbell Park					
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)	Moisture Content 50 cm below ground level (vol% H_2O)
10/10/2009 04:42:00	7.92	19.06	44.07	38.72	44.54
10/10/2009 05:42:00	7.91	19.03	44.03	38.70	44.54
10/10/2009 06:42:00	7.89	18.99	43.98	38.67	44.53
10/10/2009 07:42:00	7.89	18.97	43.93	38.65	44.52
10/10/2009 08:42:00	7.93	18.97	43.90	38.64	44.50
10/10/2009 09:42:00	8.00	19.02	43.89	38.63	44.49
10/10/2009 10:42:00	8.06	19.12	43.94	38.62	44.48
10/10/2009 11:42:00	8.12	19.24	44.03	38.63	44.48
10/10/2009 12:42:00	8.17	19.37	44.16	38.65	44.47
10/10/2009 13:42:00	8.15	19.45	44.31	38.68	44.47
10/10/2009 14:42:00	8.10	19.47	44.44	38.74	44.48
10/10/2009 15:42:00	8.06	19.46	44.55	38.80	44.49
10/10/2009 16:42:00	8.00	19.41	44.61	38.85	44.50
10/10/2009 17:42:00	7.97	19.36	44.63	38.90	44.53
10/10/2009 18:42:00	7.93	19.30	44.63	38.94	44.55
10/10/2009 19:42:00	7.89	19.24	44.62	38.96	44.57
10/10/2009 20:42:00	7.86	19.18	44.59	38.98	44.58
10/10/2009 21:42:00	7.84	19.13	44.55	38.99	44.60
10/10/2009 22:42:00	7.82	19.08	44.50	39.00	44.60
10/10/2009 23:42:00	7.81	19.04	44.46	38.99	44.61
11/10/2009 00:42:00	7.80	19.01	44.41	38.98	44.61
11/10/2009 01:42:00	7.80	18.98	44.37	38.97	44.61
11/10/2009 02:42:00	7.78	18.95	44.33	38.96	44.61
11/10/2009 03:42:00	7.77	18.93	44.30	38.94	44.60
11/10/2009 04:42:00	7.76	18.90	44.26	38.93	44.60
11/10/2009 05:42:00	7.75	18.87	44.22	38.91	44.59
11/10/2009 06:42:00	7.74	18.85	44.18	38.89	44.58
11/10/2009 07:42:00	7.75	18.83	44.15	38.87	44.57
11/10/2009 08:42:00	7.77	18.84	44.12	38.85	44.56
11/10/2009 09:42:00	7.82	18.87	44.11	38.83	44.56
11/10/2009 10:42:00	7.87	18.94	44.14	38.82	44.54
11/10/2009 11:42:00	7.88	19.01	44.21	38.83	44.53
11/10/2009 12:42:00	7.87	19.07	44.29	38.84	44.53
11/10/2009 13:42:00	7.86	19.09	44.37	38.87	44.52
11/10/2009 14:42:00	7.86	19.12	44.44	38.90	44.52
11/10/2009 15:42:00	7.87	19.15	44.50	38.94	44.53
11/10/2009 16:42:00	7.82	19.16	44.58	38.97	44.53
11/10/2009 17:42:00	7.78	19.14	44.63	39.00	44.54
11/10/2009 18:42:00	7.76	19.11	44.65	39.04	44.55
11/10/2009 19:42:00	7.73	19.07	44.66	39.07	44.56
11/10/2009 20:42:00	7.72	19.05	44.66	39.10	44.58
11/10/2009 21:42:00	7.70	19.03	44.65	39.11	44.59
11/10/2009 22:42:00	7.69	19.00	44.64	39.13	44.59
11/10/2009 23:42:00	7.68	18.97	44.63	39.13	44.60
12/10/2009 00:42:00	7.68	18.95	44.61	39.14	44.61
12/10/2009 01:42:00	7.67	18.92	44.59	39.13	44.61
12/10/2009 02:42:00	7.65	18.89	44.57	39.14	44.61
12/10/2009 03:42:00	7.64	18.86	44.55	39.14	44.61
12/10/2009 04:42:00	7.63	18.82	44.51	39.13	44.61
12/10/2009 05:42:00	7.61	18.79	44.47	39.12	44.62
12/10/2009 06:42:00	7.60	18.76	44.43	39.11	44.61
12/10/2009 07:42:00	7.61	18.74	44.40	39.09	44.61
12/10/2009 08:42:00	7.62	18.73	44.36	39.05	44.61
12/10/2009 09:42:00	7.64	18.74	44.36	39.04	44.61
12/10/2009 10:42:00	7.65	18.76	44.36	39.03	44.60
12/10/2009 11:42:00	7.65	18.76	44.38	39.02	44.60
12/10/2009 12:42:00	7.65	18.77	44.39	39.02	44.59
12/10/2009 13:42:00	7.66	18.78	44.40	39.01	44.58

Campbell Park					
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)	Moisture Content 50 cm below ground level (vol% H_2O)
12/10/2009 14:42:00	7.67	18.79	44.42	39.01	44.57
12/10/2009 15:42:00	7.66	18.80	44.46	39.03	44.58
12/10/2009 16:42:00	7.65	18.79	44.47	39.04	44.58
12/10/2009 17:42:00	7.63	18.76	44.48	39.05	44.58
12/10/2009 18:42:00	7.60	18.73	44.46	39.06	44.58
12/10/2009 19:42:00	7.58	18.69	44.43	39.06	44.58
12/10/2009 20:42:00	7.57	18.65	44.40	39.05	44.58
12/10/2009 21:42:00	7.56	18.63	44.36	39.04	44.58
12/10/2009 22:42:00	7.55	18.61	44.31	39.02	44.57
12/10/2009 23:42:00	7.60	18.60	44.25	38.96	44.53
13/10/2009 00:42:00	9.05	18.87	44.05	38.73	44.31
13/10/2009 01:42:00	9.58	20.11	44.19	38.79	44.37
13/10/2009 02:42:00	9.56	20.64	44.20	38.78	44.34
13/10/2009 03:42:00	9.63	21.22	44.28	38.82	44.38
13/10/2009 04:42:00	9.57	21.38	44.28	38.81	44.38
13/10/2009 05:42:00	9.53	21.41	44.26	38.79	44.38
13/10/2009 06:42:00	9.51	21.41	44.22	38.76	44.37
13/10/2009 07:42:00	9.49	21.39	44.18	38.72	44.36
13/10/2009 08:42:00	9.49	21.38	44.16	38.69	44.35
13/10/2009 09:42:00	9.47	21.37	44.16	38.67	44.35
13/10/2009 10:42:00	9.44	21.34	44.18	38.65	44.34
13/10/2009 11:42:00	9.44	21.33	44.21	38.63	44.32
13/10/2009 12:42:00	9.44	21.37	44.26	38.64	44.32
13/10/2009 13:42:00	9.59	21.57	44.31	38.62	44.28
13/10/2009 14:42:00	10.12	22.56	44.41	38.59	44.21
13/10/2009 15:42:00	10.16	23.03	44.53	38.65	44.23
13/10/2009 16:42:00	10.21	23.11	44.56	38.67	44.23
13/10/2009 17:42:00	10.34	23.51	44.64	38.70	44.23
13/10/2009 18:42:00	10.37	23.58	44.66	38.72	44.23
13/10/2009 19:42:00	10.77	24.25	44.70	38.70	44.18
13/10/2009 20:42:00	11.26	25.70	45.14	38.93	44.21
13/10/2009 21:42:00	11.31	25.75	45.20	39.05	44.22
13/10/2009 22:42:00	12.76	28.64	46.15	39.41	44.18
13/10/2009 23:42:00	13.02	28.60	45.99	39.29	44.19
14/10/2009 00:42:00	12.89	28.40	45.89	39.24	44.19
14/10/2009 01:42:00	12.91	28.36	45.84	39.19	44.18
14/10/2009 02:42:00	12.83	28.28	45.80	39.15	44.19
14/10/2009 03:42:00	12.70	28.14	45.77	39.11	44.18
14/10/2009 04:42:00	12.57	28.00	45.74	39.09	44.18
14/10/2009 05:42:00	12.47	27.90	45.71	39.06	44.17
14/10/2009 06:42:00	12.38	27.81	45.69	39.04	44.17
14/10/2009 07:42:00	12.31	27.71	45.67	39.02	44.17
14/10/2009 08:42:00	12.24	27.62	45.66	39.01	44.17
14/10/2009 09:42:00	13.30	28.70	45.79	38.93	44.11
14/10/2009 10:42:00	13.31	28.53	45.69	38.86	44.12
14/10/2009 11:42:00	13.10	28.31	45.67	38.84	44.13
14/10/2009 12:42:00	12.87	28.10	45.70	38.85	44.13
14/10/2009 13:42:00	12.63	27.88	45.77	38.87	44.13
14/10/2009 14:42:00	12.44	27.70	45.83	38.90	44.14
14/10/2009 15:42:00	12.27	27.50	45.77	38.92	44.14
14/10/2009 16:42:00	12.13	27.35	45.64	38.94	44.14
14/10/2009 17:42:00	12.12	27.28	45.57	38.96	44.14
14/10/2009 18:42:00	12.10	27.25	45.57	38.97	44.15
14/10/2009 19:42:00	12.04	27.19	45.50	38.98	44.15
14/10/2009 20:42:00	11.99	27.13	45.44	38.98	44.16
14/10/2009 21:42:00	11.94	27.06	45.38	38.98	44.16
14/10/2009 22:42:00	21.77	32.45	45.88	38.54	44.03
14/10/2009 23:42:00	22.19	32.19	45.62	38.23	44.06

Campbell Park					
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)	Moisture Content 50 cm below ground level (vol% H_2O)
15/10/2009 00:42:00	21.66	32.10	45.56	38.15	44.06
15/10/2009 01:42:00	26.24	32.10	45.51	38.06	44.03
15/10/2009 02:42:00	26.12	32.03	45.48	38.00	44.03
15/10/2009 03:42:00	29.16	32.02	45.42	37.94	43.99
15/10/2009 04:42:00	29.17	32.00	45.40	37.91	43.98
15/10/2009 05:42:00	29.08	31.99	45.39	37.90	43.97
15/10/2009 06:42:00	28.99	31.97	45.38	37.88	43.97
15/10/2009 07:42:00	29.07	31.99	45.37	37.88	43.96
15/10/2009 08:42:00	28.84	31.97	45.36	37.88	43.97
15/10/2009 09:42:00	31.88	31.99	45.23	37.91	43.87
15/10/2009 10:42:00	31.82	31.96	45.25	37.90	43.87
15/10/2009 11:42:00	31.37	31.70	45.12	37.93	43.84
15/10/2009 12:42:00	30.96	31.65	45.19	37.94	43.84
15/10/2009 13:42:00	30.52	31.59	45.25	37.96	43.84
15/10/2009 14:42:00	29.00	31.49	45.33	38.00	43.84
15/10/2009 15:42:00	27.01	31.38	45.42	38.06	43.86
15/10/2009 16:42:00	25.35	31.08	45.48	38.12	43.87
15/10/2009 17:42:00	23.61	30.78	45.52	38.17	43.88
15/10/2009 18:42:00	22.52	30.47	45.55	38.21	43.90
15/10/2009 19:42:00	22.86	30.63	45.56	38.24	43.91
15/10/2009 20:42:00	22.52	30.55	45.55	38.25	43.92
15/10/2009 21:42:00	22.41	30.53	45.53	38.26	43.92
15/10/2009 22:42:00	22.17	30.49	45.52	38.27	43.92
15/10/2009 23:42:00	21.77	30.30	45.51	38.27	43.93
16/10/2009 00:42:00	21.34	30.15	45.50	38.26	43.92
16/10/2009 01:42:00	21.01	30.03	45.50	38.25	43.92
16/10/2009 02:42:00	20.71	29.90	45.49	38.25	43.92
16/10/2009 03:42:00	20.43	29.77	45.49	38.24	43.91
16/10/2009 04:42:00	20.13	29.66	45.48	38.23	43.91
16/10/2009 05:42:00	19.79	29.50	45.48	38.22	43.90
16/10/2009 06:42:00	19.60	29.43	45.48	38.21	43.90
16/10/2009 07:42:00	19.48	29.41	45.49	38.21	43.90
16/10/2009 08:42:00	19.37	29.35	45.50	38.20	43.90
16/10/2009 09:42:00	19.00	29.26	45.52	38.20	43.90
16/10/2009 10:42:00	18.53	29.13	45.58	38.21	43.90
16/10/2009 11:42:00	18.04	28.95	45.65	38.22	43.90
16/10/2009 12:42:00	17.57	28.78	45.74	38.24	43.90
16/10/2009 13:42:00	17.16	28.61	45.82	38.28	43.90
16/10/2009 14:42:00	16.77	28.42	45.90	38.32	43.91
16/10/2009 15:42:00	17.15	28.65	45.95	38.35	43.91
16/10/2009 16:42:00	16.97	28.58	45.99	38.38	43.92
16/10/2009 17:42:00	16.76	28.48	46.01	38.41	43.93
16/10/2009 18:42:00	16.79	28.50	46.01	38.44	43.94
16/10/2009 19:42:00	16.67	28.46	46.02	38.46	43.95
16/10/2009 20:42:00	16.49	28.37	46.01	38.47	43.96
16/10/2009 21:42:00	16.34	28.29	46.00	38.48	43.97
16/10/2009 22:42:00	16.19	28.20	45.98	38.49	43.98
16/10/2009 23:42:00	16.07	28.11	45.96	38.49	43.98
17/10/2009 00:42:00	15.99	28.07	45.94	38.49	43.98
17/10/2009 01:42:00	15.91	28.03	45.02	38.41	43.98
17/10/2009 02:42:00	15.85	27.99	44.95	38.39	43.97
17/10/2009 03:42:00	15.84	27.99	44.90	38.39	43.97
17/10/2009 04:42:00	15.76	27.96	44.85	38.10	43.97
17/10/2009 05:42:00	15.69	27.91	44.82	38.06	43.96
17/10/2009 06:42:00	15.62	27.87	44.77	38.01	43.96
17/10/2009 07:42:00	15.56	27.85	44.75	38.01	43.95
17/10/2009 08:42:00	15.47	27.82	44.74	38.00	43.95
17/10/2009 09:42:00	15.39	27.79	44.74	38.00	43.95

Campbell Park					
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)	Moisture Content 50 cm below ground level (vol% H_2O)
17/10/2009 10:42:00	15.25	27.74	44.77	38.00	43.95
17/10/2009 11:42:00	15.06	27.64	44.81	38.00	43.94
17/10/2009 12:42:00	14.89	27.54	44.84	38.01	43.94
17/10/2009 13:42:00	14.73	27.46	44.87	38.03	43.95
17/10/2009 14:42:00	14.54	27.34	44.91	38.05	43.95
17/10/2009 15:42:00	14.36	27.23	44.92	38.03	43.96
17/10/2009 16:42:00	14.18	27.09	44.92	38.04	43.96
17/10/2009 17:42:00	14.03	26.96	44.91	38.04	43.97
17/10/2009 18:42:00	13.92	26.88	44.89	38.05	43.99
17/10/2009 19:42:00	13.85	26.82	44.85	38.06	43.99
17/10/2009 20:42:00	13.78	26.77	44.79	38.06	44.00
17/10/2009 21:42:00	13.74	26.73	44.74	38.06	44.01
17/10/2009 22:42:00	13.69	26.68	44.68	38.04	44.01
17/10/2009 23:42:00	13.67	26.67	44.64	38.03	44.01
18/10/2009 00:42:00	13.65	26.65	44.59	38.01	44.00
18/10/2009 01:42:00	13.61	26.62	44.55	37.99	44.00
18/10/2009 02:42:00	13.57	26.58	44.50	37.97	43.99
18/10/2009 03:42:00	13.55	26.56	44.46	37.94	43.98
18/10/2009 04:42:00	13.53	26.55	44.42	37.93	43.98
18/10/2009 05:42:00	13.52	26.53	44.38	37.90	43.97
18/10/2009 06:42:00	13.50	26.52	44.36	37.87	43.96
18/10/2009 07:42:00	13.51	26.53	44.34	37.86	43.95
18/10/2009 08:42:00	13.51	26.54	44.34	37.85	43.95
18/10/2009 09:42:00	13.49	26.53	44.36	37.84	43.94
18/10/2009 10:42:00	13.46	26.55	44.42	37.85	43.94
18/10/2009 11:42:00	13.40	26.56	44.51	37.87	43.94
18/10/2009 12:42:00	13.30	26.55	44.62	37.90	43.95
18/10/2009 13:42:00	13.14	26.53	44.78	37.94	43.96
18/10/2009 14:42:00	12.99	26.41	44.88	37.98	43.97
18/10/2009 15:42:00	12.82	26.27	44.96	38.03	43.98
18/10/2009 16:42:00	12.65	26.12	44.99	38.08	43.99
18/10/2009 17:42:00	12.51	25.98	45.00	38.13	44.01
18/10/2009 18:42:00	12.42	25.88	44.94	38.15	44.03
18/10/2009 19:42:00	12.34	25.79	44.90	38.17	44.05
18/10/2009 20:42:00	12.29	25.71	44.84	38.18	44.06
18/10/2009 21:42:00	12.24	25.66	44.78	38.18	44.09
18/10/2009 22:42:00	12.21	25.60	44.73	38.18	44.09
18/10/2009 23:42:00	12.17	25.56	44.67	38.16	44.10
19/10/2009 00:42:00	12.14	25.52	44.61	38.15	44.10
19/10/2009 01:42:00	12.12	25.48	44.56	38.14	44.10
19/10/2009 02:42:00	12.10	25.44	44.51	38.11	44.09
19/10/2009 03:42:00	12.09	25.41	44.47	38.08	44.09
19/10/2009 04:42:00	12.07	25.39	44.42	38.06	44.07
19/10/2009 05:42:00	12.05	25.36	44.38	38.03	44.06
19/10/2009 06:42:00	12.04	25.33	44.34	38.01	44.05
19/10/2009 07:42:00	12.03	25.32	44.31	37.99	44.04
19/10/2009 08:42:00	12.04	25.32	44.29	37.97	44.04
19/10/2009 09:42:00	12.05	25.33	44.30	37.96	44.04
19/10/2009 10:42:00	12.05	25.39	44.36	37.96	44.04
19/10/2009 11:42:00	11.14	24.57	44.50	38.00	44.02
19/10/2009 12:42:00	11.16	24.60	44.62	38.03	44.03
19/10/2009 13:42:00	11.11	24.60	44.76	38.08	44.04
19/10/2009 14:42:00	11.02	24.57	44.90	38.14	44.05
19/10/2009 15:42:00	11.10	24.61	45.04	38.19	44.07
19/10/2009 16:42:00	10.97	24.52	45.12	38.25	44.10
19/10/2009 17:42:00	10.87	24.41	45.17	38.31	44.11
19/10/2009 18:42:00	10.80	24.31	45.18	38.36	44.13
19/10/2009 19:42:00	10.72	24.21	45.17	38.40	44.16

Campbell Park					
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)	Moisture Content 50 cm below ground level (vol% H_2O)
19/10/2009 20:42:00	10.67	24.12	45.15	38.43	44.18
19/10/2009 21:42:00	10.63	24.06	45.11	38.45	44.19
19/10/2009 22:42:00	10.61	24.00	45.08	38.47	44.21
19/10/2009 23:42:00	10.57	23.96	45.04	38.47	44.22
20/10/2009 00:42:00	10.55	23.92	45.01	38.48	44.23
20/10/2009 01:42:00	10.51	23.87	44.98	38.48	44.24
20/10/2009 02:42:00	10.48	23.82	44.95	38.47	44.24
20/10/2009 03:42:00	10.46	23.77	44.91	38.47	44.25
20/10/2009 04:42:00	10.43	23.71	44.87	38.45	44.25
20/10/2009 05:42:00	10.40	23.66	44.84	38.44	44.25
20/10/2009 06:42:00	10.38	23.61	44.80	38.43	44.25
20/10/2009 07:42:00	10.38	23.59	44.77	38.42	44.25
20/10/2009 08:42:00	10.43	23.59	44.76	38.42	44.25
20/10/2009 09:42:00	10.42	23.61	44.78	38.42	44.26
20/10/2009 10:42:00	10.35	23.59	44.83	38.43	44.26
20/10/2009 11:42:00	10.31	23.54	44.88	38.44	44.26
20/10/2009 12:42:00	10.26	23.49	44.94	38.46	44.27
20/10/2009 13:42:00	10.19	23.42	44.99	38.49	44.27
20/10/2009 14:42:00	10.14	23.35	45.03	38.52	44.28
20/10/2009 15:42:00	10.11	23.28	45.05	38.55	44.28
20/10/2009 16:42:00	10.07	23.19	45.05	38.58	44.29
20/10/2009 17:42:00	10.02	23.11	45.05	38.60	44.32
20/10/2009 18:42:00	9.97	23.04	45.05	38.62	44.32
20/10/2009 19:42:00	9.93	22.95	45.02	38.63	44.34
20/10/2009 20:42:00	9.90	22.86	44.99	38.64	44.35
20/10/2009 21:42:00	9.87	22.79	44.96	38.64	44.35
20/10/2009 22:42:00	9.84	22.75	44.92	38.64	44.35
20/10/2009 23:42:00	9.81	22.69	44.89	38.64	44.36
21/10/2009 00:42:00	9.80	22.64	44.85	38.63	44.36
21/10/2009 01:42:00	9.78	22.60	44.82	38.62	44.35
21/10/2009 02:42:00	9.75	22.54	44.79	38.61	44.35
21/10/2009 03:42:00	9.73	22.50	44.76	38.59	44.35
21/10/2009 04:42:00	9.70	22.44	44.72	38.58	44.35
21/10/2009 05:42:00	9.68	22.38	44.66	38.56	44.34
21/10/2009 06:42:00	9.64	22.33	44.62	38.55	44.34
21/10/2009 07:42:00	9.64	22.31	44.58	38.53	44.34
21/10/2009 08:42:00	9.68	22.32	44.56	38.52	44.33
21/10/2009 09:42:00	9.72	22.35	44.57	38.51	44.33
21/10/2009 10:42:00	9.72	22.39	44.61	38.51	44.33
21/10/2009 11:42:00	9.72	22.42	44.68	38.52	44.32
21/10/2009 12:42:00	9.72	22.45	44.78	38.54	44.32
21/10/2009 13:42:00	9.70	22.46	44.88	38.58	44.32
21/10/2009 14:42:00	9.65	22.44	44.98	38.62	44.33
21/10/2009 15:42:00	9.58	22.38	45.07	38.66	44.34
21/10/2009 16:42:00	9.03	21.99	45.02	38.74	44.45
21/10/2009 17:42:00	8.90	21.90	45.04	38.79	44.47
21/10/2009 18:42:00	8.82	21.80	45.02	38.82	44.48
21/10/2009 19:42:00	8.78	21.70	44.98	38.85	44.50
21/10/2009 20:42:00	8.74	21.61	44.93	38.86	44.52
21/10/2009 21:42:00	8.72	21.53	44.88	38.86	44.53
21/10/2009 22:42:00	8.69	21.47	44.82	38.85	44.53
21/10/2009 23:42:00	8.67	21.41	44.78	38.84	44.54
22/10/2009 00:42:00	8.65	21.35	44.73	38.83	44.54
22/10/2009 01:42:00	8.63	21.29	44.67	38.81	44.53
22/10/2009 02:42:00	8.62	21.24	44.62	38.80	44.53
22/10/2009 03:42:00	8.60	21.19	44.57	38.77	44.52
22/10/2009 04:42:00	8.58	21.13	44.52	38.75	44.50
22/10/2009 05:42:00	8.57	21.08	44.46	38.72	44.49

Campbell Park					
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)	Moisture Content 50 cm below ground level (vol% H_2O)
22/10/2009 06:42:00	8.56	21.04	44.41	38.69	44.48
22/10/2009 07:42:00	9.12	21.18	44.31	38.67	44.33
22/10/2009 08:42:00	9.53	21.80	44.24	38.54	44.00
22/10/2009 09:42:00	9.14	21.80	44.19	38.53	44.00
22/10/2009 10:42:00	9.19	21.90	44.24	38.53	44.00
22/10/2009 11:42:00	9.24	22.00	44.33	38.53	43.99
22/10/2009 12:42:00	9.24	22.05	44.46	38.55	43.99
22/10/2009 13:42:00	9.21	22.08	44.60	38.59	43.99
22/10/2009 14:42:00	9.14	22.06	44.73	38.64	44.00
22/10/2009 15:42:00	9.06	22.02	44.83	38.69	44.01
22/10/2009 16:42:00	8.91	21.98	44.91	38.75	44.04
22/10/2009 17:42:00	8.35	21.89	44.97	38.81	44.04
22/10/2009 18:42:00	8.28	21.79	44.96	38.85	44.06
22/10/2009 19:42:00	8.24	21.70	44.94	38.88	44.09
22/10/2009 20:42:00	8.21	21.61	44.90	38.90	44.11
22/10/2009 21:42:00	8.18	21.54	44.86	38.91	44.11
22/10/2009 22:42:00	8.16	21.48	44.82	38.91	44.12
22/10/2009 23:42:00	8.14	21.43	44.77	38.91	44.12
23/10/2009 00:42:00	8.13	21.38	44.73	38.90	44.12
23/10/2009 01:42:00	8.11	21.33	44.68	38.89	44.12
23/10/2009 02:42:00	8.09	21.29	44.63	38.87	44.12
23/10/2009 03:42:00	8.08	21.24	44.59	38.86	44.11
23/10/2009 04:42:00	8.07	21.19	44.55	38.84	44.11
23/10/2009 05:42:00	8.05	21.15	44.50	38.82	44.10
23/10/2009 06:42:00	8.04	21.12	44.47	38.80	44.09
23/10/2009 07:42:00	8.65	21.21	44.33	38.71	44.02
23/10/2009 08:42:00	8.76	21.27	44.41	38.77	44.12
23/10/2009 09:42:00	9.00	21.40	44.40	38.78	44.22
23/10/2009 10:42:00	9.08	21.48	44.43	38.75	44.21
23/10/2009 11:42:00	9.25	21.71	44.58	38.76	44.22
23/10/2009 12:42:00	9.32	21.80	44.68	38.78	44.22
23/10/2009 13:42:00	9.32	21.82	44.82	38.81	44.22
23/10/2009 14:42:00	8.80	21.80	44.95	38.82	44.15
23/10/2009 15:42:00	8.74	21.78	45.04	38.87	44.16
23/10/2009 16:42:00	8.67	21.72	45.10	38.92	44.17
23/10/2009 17:42:00	8.61	21.66	45.13	38.95	44.19
23/10/2009 18:42:00	8.57	21.59	45.13	38.99	44.20
23/10/2009 19:42:00	8.53	21.51	45.12	39.01	44.22
23/10/2009 20:42:00	8.51	21.43	45.10	39.04	44.23
23/10/2009 21:42:00	8.50	21.39	45.07	39.05	44.24
23/10/2009 22:42:00	8.48	21.35	45.04	39.06	44.25
23/10/2009 23:42:00	8.47	21.31	45.01	39.06	44.25
24/10/2009 00:42:00	8.46	21.27	44.98	39.06	44.25
24/10/2009 01:42:00	8.45	21.23	44.95	39.05	44.26
24/10/2009 02:42:00	8.44	21.19	44.92	39.05	44.26
24/10/2009 03:42:00	8.42	21.15	44.89	39.04	44.25
24/10/2009 04:42:00	8.41	21.11	44.85	39.02	44.25
24/10/2009 05:42:00	8.40	21.06	44.81	39.01	44.25
24/10/2009 06:42:00	8.39	21.02	44.77	38.99	44.24
24/10/2009 07:42:00	8.40	21.00	44.74	38.98	44.23
24/10/2009 08:42:00	8.45	21.00	44.71	38.96	44.23
24/10/2009 09:42:00	8.51	21.03	44.71	38.96	44.22
24/10/2009 10:42:00	8.57	21.08	44.75	38.95	44.22
24/10/2009 11:42:00	8.58	21.13	44.81	38.96	44.22
24/10/2009 12:42:00	8.56	21.14	44.88	38.97	44.21
24/10/2009 13:42:00	8.50	21.14	44.95	39.00	44.21
24/10/2009 14:42:00	8.46	21.09	44.98	39.03	44.22
24/10/2009 15:42:00	8.46	21.07	45.00	39.05	44.22

Campbell Park					
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)	Moisture Content 50 cm below ground level (vol% H_2O)
24/10/2009 16:42:00	8.43	21.04	45.01	39.08	44.23
24/10/2009 17:42:00	8.40	21.01	45.01	39.09	44.24
24/10/2009 18:42:00	8.36	20.96	45.01	39.11	44.24
24/10/2009 19:42:00	8.33	20.92	44.99	39.11	44.25
24/10/2009 20:42:00	8.31	20.86	44.97	39.12	44.25
24/10/2009 21:42:00	8.30	20.81	44.94	39.12	44.26
24/10/2009 22:42:00	8.28	20.77	44.91	39.12	44.26
24/10/2009 23:42:00	8.27	20.73	44.87	39.11	44.25
25/10/2009 00:42:00	8.27	20.70	44.84	39.10	44.25
25/10/2009 01:42:00	8.27	20.67	44.81	39.09	44.25
25/10/2009 02:42:00	8.25	20.64	44.78	39.08	44.24
25/10/2009 03:42:00	8.24	20.61	44.76	39.06	44.24
25/10/2009 04:42:00	8.23	20.58	44.73	39.05	44.24
25/10/2009 05:42:00	8.22	20.54	44.70	39.03	44.23
25/10/2009 06:42:00	8.22	20.51	44.67	39.02	44.22
25/10/2009 07:42:00	8.59	20.54	44.61	39.03	44.28
25/10/2009 08:42:00	8.58	20.52	44.60	39.01	44.28
25/10/2009 09:42:00	8.59	20.51	44.59	39.00	44.27
25/10/2009 10:42:00	8.60	20.52	44.58	38.99	44.26
25/10/2009 11:42:00	8.66	20.55	44.60	38.99	44.26
25/10/2009 12:42:00	8.69	20.59	44.64	38.99	44.25
25/10/2009 13:42:00	8.69	20.64	44.72	39.01	44.25
25/10/2009 14:42:00	8.68	20.67	44.79	39.02	44.25
25/10/2009 15:42:00	8.64	20.68	44.86	39.06	44.25
25/10/2009 16:42:00	8.58	20.66	44.92	39.09	44.25
25/10/2009 17:42:00	8.51	20.64	44.95	39.12	44.26
25/10/2009 18:42:00	8.46	20.60	44.94	39.14	44.28
25/10/2009 19:42:00	8.43	20.55	44.92	39.16	44.28
25/10/2009 20:42:00	8.41	20.50	44.89	39.17	44.29
25/10/2009 21:42:00	8.39	20.46	44.85	39.17	44.31
25/10/2009 22:42:00	8.38	20.42	44.82	39.16	44.31
25/10/2009 23:42:00	8.36	20.38	44.77	39.15	44.31
26/10/2009 00:42:00	8.35	20.35	44.73	39.14	44.29
26/10/2009 01:42:00	8.33	20.32	44.68	39.12	44.29
26/10/2009 02:42:00	8.32	20.28	44.64	39.10	44.28
26/10/2009 03:42:00	8.31	20.25	44.59	39.08	44.27
26/10/2009 04:42:00	8.31	20.21	44.55	39.06	44.27
26/10/2009 05:42:00	8.29	20.17	44.51	39.03	44.26
26/10/2009 06:42:00	8.29	20.14	44.47	39.01	44.25
26/10/2009 07:42:00	7.79	20.10	44.53	38.99	44.15
26/10/2009 08:42:00	7.79	20.06	44.49	38.96	44.14
26/10/2009 09:42:00	7.83	20.07	44.48	38.94	44.13
26/10/2009 10:42:00	7.87	20.12	44.50	38.94	44.11
26/10/2009 11:42:00	7.92	20.18	44.57	38.94	44.11
26/10/2009 12:42:00	7.94	20.23	44.65	38.95	44.10
26/10/2009 13:42:00	7.93	20.28	44.76	38.97	44.09
26/10/2009 14:42:00	7.90	20.31	44.86	39.01	44.09
26/10/2009 15:42:00	7.85	20.31	44.94	39.05	44.10
26/10/2009 16:42:00	7.77	20.30	45.00	39.10	44.11
26/10/2009 17:42:00	7.72	20.26	45.03	39.13	44.13
26/10/2009 18:42:00	7.68	20.21	45.03	39.17	44.14
26/10/2009 19:42:00	7.65	20.16	45.02	39.19	44.15
26/10/2009 20:42:00	7.63	20.12	44.99	39.21	44.16
26/10/2009 21:42:00	7.61	20.08	44.96	39.22	44.17
26/10/2009 22:42:00	7.60	20.05	44.93	39.22	44.17
26/10/2009 23:42:00	7.58	20.01	44.90	39.21	44.17
27/10/2009 00:42:00	7.57	19.98	44.86	39.20	44.17
27/10/2009 01:42:00	7.56	19.96	44.82	39.19	44.17

Campbell Park					
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)	Moisture Content 50 cm below ground level (vol% H_2O)
27/10/2009 02:42:00	7.54	19.92	44.78	39.17	44.17
27/10/2009 03:42:00	7.53	19.89	44.74	39.15	44.16
27/10/2009 04:42:00	7.51	19.85	44.70	39.13	44.15
27/10/2009 05:42:00	7.50	19.82	44.64	39.10	44.14
27/10/2009 06:42:00	7.50	19.78	44.60	39.08	44.13
27/10/2009 07:42:00	7.51	19.76	44.55	39.05	44.12
27/10/2009 08:42:00	7.56	19.76	44.52	39.03	44.11
27/10/2009 09:42:00	7.63	19.81	44.52	39.02	44.11
27/10/2009 10:42:00	7.70	19.89	44.55	39.01	44.10
27/10/2009 11:42:00	7.76	19.98	44.63	39.02	44.09
27/10/2009 12:42:00	7.78	20.03	44.74	39.03	44.07
27/10/2009 13:42:00	7.77	20.08	44.86	39.07	44.07
27/10/2009 14:42:00	7.73	20.12	44.97	39.11	44.07
27/10/2009 15:42:00	7.68	20.13	45.07	39.17	44.09
27/10/2009 16:42:00	7.60	20.11	45.15	39.22	44.11
27/10/2009 17:42:00	7.53	20.08	45.19	39.27	44.12
27/10/2009 18:42:00	7.48	20.03	45.20	39.30	44.14
27/10/2009 19:42:00	7.45	19.98	45.19	39.33	44.16
27/10/2009 20:42:00	7.42	19.93	45.17	39.36	44.17
27/10/2009 21:42:00	7.41	19.89	45.14	39.37	44.18
27/10/2009 22:42:00	7.39	19.85	45.11	39.38	44.20
27/10/2009 23:42:00	7.38	19.82	45.07	39.38	44.20
28/10/2009 00:42:00	7.37	19.80	45.04	39.37	44.20
28/10/2009 01:42:00	7.36	19.77	45.01	39.36	44.20
28/10/2009 02:42:00	7.36	19.74	44.98	39.35	44.20
28/10/2009 03:42:00	7.35	19.72	44.94	39.34	44.20
28/10/2009 04:42:00	7.34	19.69	44.91	39.32	44.20
28/10/2009 05:42:00	7.33	19.66	44.88	39.31	44.19
28/10/2009 06:42:00	7.33	19.64	44.86	39.30	44.19
28/10/2009 07:42:00	7.31	19.65	44.82	39.28	44.18
28/10/2009 08:42:00	7.35	19.66	44.80	39.28	44.17
28/10/2009 09:42:00	7.38	19.70	44.80	39.27	44.17
28/10/2009 10:42:00	7.46	19.79	44.83	39.27	44.17
28/10/2009 11:42:00	7.54	19.89	44.91	39.28	44.17
28/10/2009 12:42:00	7.59	19.98	45.02	39.29	44.17
28/10/2009 13:42:00	7.60	20.05	45.14	39.33	44.17
28/10/2009 14:42:00	7.53	20.08	45.28	39.38	44.18
28/10/2009 15:42:00	7.46	20.08	45.39	39.44	44.19
28/10/2009 16:42:00	7.39	20.05	45.47	39.49	44.21
28/10/2009 17:42:00	7.33	20.01	45.51	39.55	44.23
28/10/2009 18:42:00	7.28	19.98	45.53	39.59	44.25
28/10/2009 19:42:00	7.24	19.92	45.52	39.63	44.27
28/10/2009 20:42:00	7.22	19.87	45.51	39.66	44.29
28/10/2009 21:42:00	7.20	19.83	45.49	39.68	44.32
28/10/2009 22:42:00	7.19	19.80	45.47	39.69	44.33
28/10/2009 23:42:00	7.17	19.77	45.43	39.69	44.34
29/10/2009 00:42:00	7.16	19.74	45.41	39.70	44.34
29/10/2009 01:42:00	7.14	19.71	45.38	39.69	44.34
29/10/2009 02:42:00	7.13	19.68	45.35	39.69	44.35
29/10/2009 03:42:00	7.12	19.65	45.31	39.67	44.35
29/10/2009 04:42:00	7.12	19.62	45.27	39.66	44.34
29/10/2009 05:42:00	7.12	19.59	45.24	39.65	44.34
29/10/2009 06:42:00	7.12	19.57	45.21	39.63	44.34
29/10/2009 07:42:00	7.14	19.56	45.19	39.62	44.34
29/10/2009 08:42:00	7.19	19.56	45.17	39.61	44.33
29/10/2009 09:42:00	7.26	19.61	45.18	39.61	44.33
29/10/2009 10:42:00	7.33	19.70	45.22	39.61	44.32
29/10/2009 11:42:00	7.38	19.78	45.31	39.62	44.32

Campbell Park					
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)	Moisture Content 50 cm below ground level (vol% H_2O)
29/10/2009 12:42:00	7.41	19.85	45.41	39.65	44.32
29/10/2009 13:42:00	7.41	19.91	45.53	39.69	44.32
29/10/2009 14:42:00	7.38	19.95	45.64	39.73	44.33
29/10/2009 15:42:00	7.29	19.96	45.77	39.78	44.35
29/10/2009 16:42:00	7.21	19.94	45.85	39.85	44.36
29/10/2009 17:42:00	7.15	19.91	45.90	39.90	44.39
29/10/2009 18:42:00	7.09	19.85	45.93	39.96	44.41
29/10/2009 19:42:00	7.05	19.80	45.93	40.00	44.44
29/10/2009 20:42:00	7.02	19.75	45.92	40.03	44.46
29/10/2009 21:42:00	6.99	19.69	45.90	40.05	44.47
29/10/2009 22:42:00	6.98	19.65	45.88	40.07	44.49
29/10/2009 23:42:00	6.97	19.62	45.85	40.08	44.50
30/10/2009 00:42:00	6.96	19.59	45.82	40.09	44.52
30/10/2009 01:42:00	6.96	19.57	45.80	40.08	44.52
30/10/2009 02:42:00	6.94	19.54	45.78	40.08	44.53
30/10/2009 03:42:00	6.93	19.52	45.76	40.08	44.53
30/10/2009 04:42:00	6.92	19.49	45.74	40.07	44.54
30/10/2009 05:42:00	6.91	19.46	45.71	40.07	44.54
30/10/2009 06:42:00	6.90	19.44	45.68	40.06	44.55
30/10/2009 07:42:00	6.91	19.41	45.66	40.06	44.55
30/10/2009 08:42:00	6.96	19.41	45.63	40.05	44.55
30/10/2009 09:42:00	7.02	19.45	45.64	40.05	44.55
30/10/2009 10:42:00	7.04	19.49	45.67	40.04	44.55
30/10/2009 11:42:00	7.07	19.53	45.74	40.05	44.55
30/10/2009 12:42:00	7.06	19.56	45.81	40.07	44.55
30/10/2009 13:42:00	7.06	19.58	45.88	40.10	44.55
30/10/2009 14:42:00	7.01	19.59	45.95	40.13	44.56
30/10/2009 15:42:00	6.80	19.59	46.03	40.22	44.66
30/10/2009 16:42:00	6.73	19.56	46.07	40.26	44.68
30/10/2009 17:42:00	6.85	19.52	46.09	40.28	44.68
30/10/2009 18:42:00	6.81	19.47	46.07	40.31	44.70
30/10/2009 19:42:00	6.78	19.42	46.04	40.32	44.72
30/10/2009 20:42:00	6.76	19.37	46.00	40.33	44.74
30/10/2009 21:42:00	6.74	19.33	45.96	40.33	44.74
30/10/2009 22:42:00	6.73	19.30	45.91	40.33	44.75
30/10/2009 23:42:00	6.72	19.27	45.87	40.32	44.75
31/10/2009 00:42:00	6.71	19.24	45.83	40.30	44.75
31/10/2009 01:42:00	6.71	19.22	45.79	40.28	44.75
31/10/2009 02:42:00	6.71	19.19	45.75	40.27	44.74
31/10/2009 03:42:00	6.70	19.17	45.71	40.25	44.74
31/10/2009 04:42:00	6.69	19.15	45.68	40.23	44.74
31/10/2009 05:42:00	6.69	19.13	45.65	40.21	44.73
31/10/2009 06:42:00	6.69	19.11	45.61	40.19	44.72
31/10/2009 07:42:00	6.70	19.10	45.59	40.17	44.72
31/10/2009 08:42:00	6.73	19.10	45.57	40.16	44.70
31/10/2009 09:42:00	6.78	19.12	45.57	40.14	44.69
31/10/2009 10:42:00	6.83	19.17	45.59	40.14	44.69
31/10/2009 11:42:00	6.88	19.23	45.64	40.14	44.68
31/10/2009 12:42:00	6.90	19.28	45.71	40.16	44.68
31/10/2009 13:42:00	6.87	19.32	45.81	40.18	44.68
31/10/2009 14:42:00	6.85	19.35	45.89	40.21	44.68
31/10/2009 15:42:00	6.81	19.36	45.96	40.25	44.68
31/10/2009 16:42:00	6.72	19.34	46.02	40.28	44.70
31/10/2009 17:42:00	6.65	19.30	46.05	40.32	44.72
31/10/2009 18:42:00	6.60	19.26	46.04	40.35	44.74
31/10/2009 19:42:00	6.56	19.22	46.02	40.36	44.75
31/10/2009 20:42:00	6.54	19.17	45.99	40.37	44.76
31/10/2009 21:42:00	6.52	19.13	45.94	40.37	44.77

Campbell Park					
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)	Moisture Content 50 cm below ground level (vol% H_2O)
31/10/2009 22:42:00	6.51	19.09	45.90	40.36	44.78
31/10/2009 23:42:00	6.51	19.06	45.85	40.36	44.78
01/11/2009 00:42:00	6.50	19.03	45.81	40.34	44.78
01/11/2009 01:42:00	6.50	19.01	45.77	40.33	44.78
01/11/2009 02:42:00	6.50	18.99	45.74	40.31	44.77
01/11/2009 03:42:00	6.49	18.97	45.70	40.28	44.77
01/11/2009 04:42:00	6.49	18.95	45.66	40.26	44.77
01/11/2009 05:42:00	6.48	18.93	45.64	40.24	44.76
01/11/2009 06:42:00	6.48	18.91	45.61	40.22	44.76
01/11/2009 07:42:00	6.48	18.89	45.58	40.20	44.75
01/11/2009 08:42:00	6.52	18.89	45.56	40.19	44.74
01/11/2009 09:42:00	6.58	18.92	45.56	40.18	44.74
01/11/2009 10:42:00	6.63	18.97	45.58	40.17	44.73
01/11/2009 11:42:00	6.67	19.03	45.63	40.17	44.72
01/11/2009 12:42:00	6.69	19.08	45.70	40.18	44.72
01/11/2009 13:42:00	6.69	19.12	45.79	40.21	44.70
01/11/2009 14:42:00	6.63	19.15	45.89	40.24	44.72
01/11/2009 15:42:00	6.59	19.16	45.96	40.27	44.72
01/11/2009 16:42:00	6.66	19.18	46.05	40.32	44.75
01/11/2009 17:42:00	6.59	19.16	46.09	40.36	44.77
01/11/2009 18:42:00	6.55	19.12	46.11	40.38	44.78
01/11/2009 19:42:00	6.51	19.08	46.09	40.41	44.79
01/11/2009 20:42:00	6.49	19.05	46.07	40.42	44.80
01/11/2009 21:42:00	6.47	19.02	46.04	40.43	44.81
01/11/2009 22:42:00	6.46	18.99	46.00	40.42	44.82
01/11/2009 23:42:00	6.44	18.96	45.97	40.42	44.82
02/11/2009 00:42:00	6.44	18.94	45.94	40.41	44.82
02/11/2009 01:42:00	6.43	18.92	45.90	40.39	44.81
02/11/2009 02:42:00	6.42	18.90	45.87	40.37	44.81
02/11/2009 03:42:00	6.41	18.89	45.84	40.36	44.81
02/11/2009 04:42:00	6.41	18.86	45.81	40.35	44.80
02/11/2009 05:42:00	6.41	18.84	45.78	40.33	44.80
02/11/2009 06:42:00	6.41	18.83	45.75	40.32	44.79
02/11/2009 07:42:00	6.43	18.80	45.69	40.34	44.81
02/11/2009 08:42:00	6.46	18.80	45.67	40.32	44.80
02/11/2009 09:42:00	6.52	18.84	45.68	40.31	44.79
02/11/2009 10:42:00	6.57	18.92	45.70	40.31	44.79
02/11/2009 11:42:00	6.63	19.02	45.78	40.32	44.79
02/11/2009 12:42:00	6.64	19.08	45.87	40.33	44.78
02/11/2009 13:42:00	6.61	19.13	45.98	40.35	44.78
02/11/2009 14:42:00	6.54	19.15	46.09	40.38	44.78
02/11/2009 15:42:00	6.38	19.19	46.25	40.40	44.83
02/11/2009 16:42:00	6.31	19.12	46.28	40.44	44.85
02/11/2009 17:42:00	6.26	19.05	46.28	40.48	44.87
02/11/2009 18:42:00	6.24	19.00	46.25	40.50	44.88
02/11/2009 19:42:00	6.22	18.95	46.20	40.51	44.91
02/11/2009 20:42:00	6.20	18.90	46.16	40.51	44.92
02/11/2009 21:42:00	6.19	18.86	46.11	40.50	44.92
02/11/2009 22:42:00	6.17	18.83	46.05	40.48	44.93
02/11/2009 23:42:00	6.16	18.80	46.00	40.47	44.92
03/11/2009 00:42:00	6.15	18.77	45.95	40.44	44.91
03/11/2009 01:42:00	6.15	18.74	45.90	40.42	44.91
03/11/2009 02:42:00	6.14	18.72	45.86	40.39	44.90
03/11/2009 03:42:00	6.13	18.69	45.81	40.37	44.88
03/11/2009 04:42:00	6.13	18.66	45.77	40.35	44.88
03/11/2009 05:42:00	6.12	18.65	45.73	40.32	44.87
03/11/2009 06:42:00	6.12	18.62	45.68	40.29	44.87
03/11/2009 07:42:00	6.13	18.61	45.64	40.27	44.85

Campbell Park					
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)	Moisture Content 50 cm below ground level (vol% H_2O)
03/11/2009 08:42:00	6.15	18.60	45.61	40.23	44.84
03/11/2009 09:42:00	6.17	18.59	45.59	40.21	44.83
03/11/2009 10:42:00	6.18	18.60	45.58	40.19	44.82
03/11/2009 11:42:00	6.21	18.60	45.58	40.18	44.81
03/11/2009 12:42:00	6.24	18.63	45.60	40.17	44.81
03/11/2009 13:42:00	6.24	18.65	45.63	40.17	44.79
03/11/2009 14:42:00	6.21	18.66	45.67	40.17	44.79
03/11/2009 15:42:00	6.17	18.66	45.70	40.18	44.79
03/11/2009 16:42:00	6.13	18.65	45.73	40.19	44.79
03/11/2009 17:42:00	6.10	18.62	45.73	40.20	44.79
03/11/2009 18:42:00	6.08	18.60	45.71	40.20	44.79
03/11/2009 19:42:00	6.05	18.58	45.70	40.20	44.79
03/11/2009 20:42:00	6.04	18.55	45.67	40.19	44.79
03/11/2009 21:42:00	6.03	18.53	45.64	40.18	44.79
03/11/2009 22:42:00	6.02	18.51	45.61	40.17	44.78
03/11/2009 23:42:00	6.01	18.49	45.58	40.15	44.78
04/11/2009 00:42:00	6.00	18.47	45.55	40.13	44.77
04/11/2009 01:42:00	6.00	18.46	45.52	40.11	44.76
04/11/2009 02:42:00	5.99	18.44	45.49	40.09	44.76
04/11/2009 03:42:00	5.99	18.43	45.46	40.08	44.75
04/11/2009 04:42:00	5.98	18.41	45.43	40.06	44.74
04/11/2009 05:42:00	5.98	18.39	45.40	40.02	44.72
04/11/2009 06:42:00	5.98	18.38	45.37	40.00	44.70
04/11/2009 07:42:00	5.98	18.36	45.35	39.99	44.69
04/11/2009 08:42:00	6.00	18.36	45.32	39.98	44.69
04/11/2009 09:42:00	6.05	18.37	45.30	39.96	44.68
04/11/2009 10:42:00	6.08	18.39	45.31	39.95	44.67
04/11/2009 11:42:00	6.10	18.42	45.33	39.94	44.66
04/11/2009 12:42:00	6.10	18.45	45.37	39.94	44.66
04/11/2009 13:42:00	6.12	18.48	45.42	39.95	44.65
04/11/2009 14:42:00	6.11	18.51	45.48	39.96	44.65
04/11/2009 15:42:00	6.07	18.53	45.54	39.98	44.65
04/11/2009 16:42:00	6.02	18.53	45.59	40.01	44.65
04/11/2009 17:42:00	5.97	18.51	45.61	40.03	44.66
04/11/2009 18:42:00	5.93	18.49	45.61	40.04	44.66
04/11/2009 19:42:00	5.91	18.46	45.59	40.04	44.65
04/11/2009 20:42:00	5.89	18.42	45.56	40.03	44.66
04/11/2009 21:42:00	5.89	18.40	45.53	40.03	44.66
04/11/2009 22:42:00	5.88	18.38	45.49	40.02	44.66
04/11/2009 23:42:00	5.88	18.35	45.46	40.01	44.66
05/11/2009 00:42:00	5.87	18.33	45.41	39.99	44.65
05/11/2009 01:42:00	5.85	18.31	45.37	39.96	44.64
05/11/2009 02:42:00	5.85	18.28	45.33	39.94	44.63
05/11/2009 03:42:00	5.85	18.27	45.28	39.91	44.62
05/11/2009 04:42:00	5.86	18.25	45.24	39.89	44.61
05/11/2009 05:42:00	5.86	18.24	45.20	39.86	44.60
05/11/2009 06:42:00	5.87	18.23	45.17	39.84	44.59
05/11/2009 07:42:00	5.89	18.23	45.15	39.82	44.59
05/11/2009 08:42:00	5.90	18.24	45.14	39.80	44.58
05/11/2009 09:42:00	5.88	18.24	45.12	39.78	44.57
05/11/2009 10:42:00	5.89	18.25	45.13	39.77	44.56
05/11/2009 11:42:00	6.09	18.34	45.15	39.78	44.57
05/11/2009 12:42:00	6.13	18.38	45.18	39.78	44.57
05/11/2009 13:42:00	6.14	18.44	45.23	39.78	44.56
05/11/2009 14:42:00	6.12	18.47	45.31	39.80	44.56
05/11/2009 15:42:00	6.09	18.50	45.39	39.82	44.55
05/11/2009 16:42:00	6.03	18.51	45.45	39.84	44.56
05/11/2009 17:42:00	5.97	18.50	45.49	39.87	44.56

Campbell Park					
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)	Moisture Content 50 cm below ground level (vol% H_2O)
05/11/2009 18:42:00	5.94	18.47	45.51	39.89	44.57
05/11/2009 19:42:00	5.91	18.44	45.50	39.91	44.58
05/11/2009 20:42:00	5.89	18.41	45.47	39.91	44.58
05/11/2009 21:42:00	5.89	18.38	45.44	39.88	44.58
05/11/2009 22:42:00	5.88	18.36	45.41	39.87	44.59
05/11/2009 23:42:00	5.87	18.34	45.38	39.86	44.59
06/11/2009 00:42:00	5.86	18.32	45.34	39.84	44.58
06/11/2009 01:42:00	5.85	18.30	45.30	39.82	44.57
06/11/2009 02:42:00	5.85	18.28	45.25	39.80	44.56
06/11/2009 03:42:00	5.84	18.25	45.21	39.77	44.56
06/11/2009 04:42:00	5.83	18.24	45.17	39.75	44.55
06/11/2009 05:42:00	5.83	18.21	45.13	39.72	44.53
06/11/2009 06:42:00	5.83	18.19	45.08	39.70	44.52
06/11/2009 07:42:00	5.84	18.18	45.04	39.67	44.50
06/11/2009 08:42:00	5.89	18.19	45.02	39.65	44.50
06/11/2009 09:42:00	5.95	18.24	45.01	39.63	44.49
06/11/2009 10:42:00	6.00	18.33	45.05	39.62	44.48
06/11/2009 11:42:00	6.04	18.42	45.12	39.63	44.47
06/11/2009 12:42:00	6.06	18.51	45.22	39.65	44.47
06/11/2009 13:42:00	6.05	18.58	45.36	39.68	44.47
06/11/2009 14:42:00	6.01	18.62	45.48	39.71	44.47
06/11/2009 15:42:00	5.93	18.64	45.59	39.76	44.47
06/11/2009 16:42:00	5.86	18.63	45.68	39.81	44.49
06/11/2009 17:42:00	5.80	18.59	45.74	39.86	44.50
06/11/2009 18:42:00	5.76	18.56	45.76	39.91	44.53
06/11/2009 19:42:00	5.73	18.52	45.76	39.94	44.55
06/11/2009 20:42:00	5.70	18.47	45.74	39.96	44.56
06/11/2009 21:42:00	5.69	18.44	45.70	39.98	44.58
06/11/2009 22:42:00	5.68	18.41	45.66	39.98	44.59
06/11/2009 23:42:00	5.67	18.38	45.62	39.98	44.59
07/11/2009 00:42:00	5.66	18.35	45.58	39.97	44.59
07/11/2009 01:42:00	5.65	18.33	45.54	39.95	44.59
07/11/2009 02:42:00	5.64	18.30	45.49	39.93	44.58
07/11/2009 03:42:00	5.63	18.27	45.44	39.91	44.58
07/11/2009 04:42:00	5.63	18.25	45.39	39.88	44.57
07/11/2009 05:42:00	5.63	18.22	45.34	39.85	44.56
07/11/2009 06:42:00	5.63	18.20	45.30	39.83	44.55
07/11/2009 07:42:00	5.66	18.19	45.26	39.80	44.54
07/11/2009 08:42:00	5.72	18.21	45.23	39.78	44.53
07/11/2009 09:42:00	5.79	18.28	45.22	39.76	44.53
07/11/2009 10:42:00	5.85	18.38	45.26	39.76	44.53
07/11/2009 11:42:00	5.89	18.51	45.34	39.77	44.52
07/11/2009 12:42:00	5.90	18.61	45.45	39.79	44.52
07/11/2009 13:42:00	5.88	18.66	45.57	39.82	44.50
07/11/2009 14:42:00	5.85	18.71	45.70	39.87	44.50
07/11/2009 15:42:00	5.77	18.73	45.84	39.92	44.52
07/11/2009 16:42:00	5.67	18.73	45.94	39.98	44.54
07/11/2009 17:42:00	5.60	18.70	46.02	40.04	44.56
07/11/2009 18:42:00	5.55	18.66	46.05	40.09	44.58
07/11/2009 19:42:00	5.51	18.60	46.05	40.13	44.60
07/11/2009 20:42:00	5.49	18.55	46.04	40.16	44.62
07/11/2009 21:42:00	5.47	18.50	46.01	40.17	44.64
07/11/2009 22:42:00	5.45	18.47	45.98	40.19	44.65
07/11/2009 23:42:00	5.44	18.44	45.95	40.19	44.66
08/11/2009 00:42:00	5.43	18.41	45.90	40.18	44.66
08/11/2009 01:42:00	5.42	18.38	45.87	40.17	44.67
08/11/2009 02:42:00	5.41	18.35	45.83	40.15	44.66
08/11/2009 03:42:00	5.42	18.33	45.79	40.14	44.66

Campbell Park					
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)	Moisture Content 50 cm below ground level (vol% H_2O)
08/11/2009 04:42:00	5.42	18.30	45.75	40.12	44.66
08/11/2009 05:42:00	5.42	18.28	45.70	40.10	44.66
08/11/2009 06:42:00	5.43	18.27	45.67	40.08	44.65
08/11/2009 07:42:00	5.45	18.26	45.64	40.07	44.65
08/11/2009 08:42:00	5.50	18.28	45.62	40.05	44.64
08/11/2009 09:42:00	5.56	18.34	45.63	40.04	44.63
08/11/2009 10:42:00	5.59	18.42	45.67	40.04	44.63
08/11/2009 11:42:00	5.62	18.50	45.74	40.05	44.63
08/11/2009 12:42:00	5.64	18.59	45.84	40.07	44.63
08/11/2009 13:42:00	5.64	18.67	45.95	40.11	44.63
08/11/2009 14:42:00	5.61	18.72	46.06	40.15	44.63
08/11/2009 15:42:00	5.55	18.76	46.18	40.19	44.64
08/11/2009 16:42:00	5.46	18.77	46.27	40.25	44.65
08/11/2009 17:42:00	5.38	18.76	46.34	40.30	44.67
08/11/2009 18:42:00	5.32	18.72	46.40	40.35	44.69
08/11/2009 19:42:00	5.28	18.67	46.41	40.38	44.72
08/11/2009 20:42:00	5.25	18.60	46.40	40.41	44.74
08/11/2009 21:42:00	5.24	18.56	46.37	40.44	44.76
08/11/2009 22:42:00	5.23	18.52	46.34	40.45	44.77
08/11/2009 23:42:00	5.23	18.49	46.31	40.46	44.78
09/11/2009 00:42:00	5.23	18.47	46.28	40.46	44.78
09/11/2009 01:42:00	5.23	18.45	46.26	40.46	44.79
09/11/2009 02:42:00	5.22	18.42	46.22	40.45	44.79
09/11/2009 03:42:00	5.21	18.40	46.20	40.44	44.79
09/11/2009 04:42:00	5.21	18.38	46.17	40.43	44.80
09/11/2009 05:42:00	5.21	18.36	46.14	40.42	44.79
09/11/2009 06:42:00	5.21	18.34	46.11	40.40	44.79
09/11/2009 07:42:00	5.23	18.33	46.09	40.39	44.79
09/11/2009 08:42:00	5.29	18.34	46.05	40.38	44.79
09/11/2009 09:42:00	5.35	18.41	46.05	40.37	44.79
09/11/2009 10:42:00	5.39	18.50	46.10	40.37	44.79
09/11/2009 11:42:00	5.41	18.60	46.17	40.38	44.79
09/11/2009 12:42:00	5.42	18.68	46.26	40.40	44.78
09/11/2009 13:42:00	5.39	18.73	46.35	40.43	44.78
09/11/2009 14:42:00	5.33	18.75	46.47	40.47	44.79
09/11/2009 15:42:00	5.26	18.76	46.56	40.51	44.80
09/11/2009 16:42:00	5.19	18.74	46.62	40.56	44.81
09/11/2009 17:42:00	5.12	18.72	46.68	40.60	44.83
09/11/2009 18:42:00	5.08	18.68	46.70	40.64	44.85
09/11/2009 19:42:00	5.04	18.63	46.70	40.67	44.86
09/11/2009 20:42:00	5.02	18.57	46.68	40.70	44.88
09/11/2009 21:42:00	5.00	18.53	46.64	40.71	44.90
09/11/2009 22:42:00	5.00	18.49	46.62	40.72	44.91
09/11/2009 23:42:00	4.98	18.46	46.58	40.72	44.92
10/11/2009 00:42:00	4.98	18.42	46.55	40.72	44.92
10/11/2009 01:42:00	4.97	18.39	46.51	40.70	44.93
10/11/2009 02:42:00	4.97	18.36	46.47	40.69	44.93
10/11/2009 03:42:00	4.96	18.34	46.43	40.67	44.92
10/11/2009 04:42:00	4.95	18.31	46.38	40.65	44.92
10/11/2009 05:42:00	4.95	18.28	46.34	40.63	44.92
10/11/2009 06:42:00	4.96	18.25	46.30	40.61	44.92
10/11/2009 07:42:00	4.99	18.24	46.26	40.59	44.91
10/11/2009 08:42:00	5.06	18.26	46.23	40.57	44.91
10/11/2009 09:42:00	5.13	18.35	46.23	40.56	44.90
10/11/2009 10:42:00	5.19	18.46	46.27	40.56	44.90
10/11/2009 11:42:00	5.21	18.57	46.33	40.56	44.90
10/11/2009 12:42:00	5.17	18.61	46.43	40.57	44.88
10/11/2009 13:42:00	5.13	18.65	46.53	40.60	44.88

Campbell Park					
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)	Moisture Content 50 cm below ground level (vol% H_2O)
10/11/2009 14:42:00	5.08	18.66	46.62	40.63	44.88
10/11/2009 15:42:00	5.02	18.66	46.71	40.67	44.90
10/11/2009 16:42:00	4.99	18.66	46.81	40.77	44.96
10/11/2009 17:42:00	4.94	18.61	46.83	40.81	44.97
10/11/2009 18:42:00	4.90	18.57	46.84	40.84	44.99
10/11/2009 19:42:00	4.87	18.52	46.83	40.87	45.01
10/11/2009 20:42:00	4.85	18.46	46.81	40.88	45.02
10/11/2009 21:42:00	4.83	18.42	46.78	40.89	45.03
10/11/2009 22:42:00	4.81	18.38	46.75	40.89	45.04
10/11/2009 23:42:00	4.80	18.34	46.70	40.88	45.04
11/11/2009 00:42:00	4.80	18.31	46.65	40.87	45.04
11/11/2009 01:42:00	4.79	18.27	46.61	40.85	45.04
11/11/2009 02:42:00	4.79	18.24	46.56	40.83	45.04
11/11/2009 03:42:00	4.79	18.21	46.52	40.81	45.04
11/11/2009 04:42:00	4.78	18.18	46.47	40.78	45.03
11/11/2009 05:42:00	4.78	18.15	46.42	40.76	45.02
11/11/2009 06:42:00	4.76	18.11	46.36	40.73	45.01
11/11/2009 07:42:00	4.84	18.13	46.31	40.72	45.01
11/11/2009 08:42:00	4.91	18.16	46.28	40.70	45.00
11/11/2009 09:42:00	4.99	18.25	46.28	40.69	45.00
11/11/2009 10:42:00	5.05	18.39	46.31	40.69	45.00
11/11/2009 11:42:00	5.08	18.52	46.38	40.69	44.99
11/11/2009 12:42:00	5.05	18.53	46.47	40.70	44.98
11/11/2009 13:42:00	5.00	18.57	46.57	40.72	44.98
11/11/2009 14:42:00	4.96	18.57	46.67	40.75	44.98
11/11/2009 15:42:00	4.92	18.58	46.75	40.79	44.99
11/11/2009 16:42:00	4.86	18.58	46.81	40.83	45.00
11/11/2009 17:42:00	4.80	18.55	46.85	40.86	45.02
11/11/2009 18:42:00	4.76	18.52	46.87	40.89	45.03
11/11/2009 19:42:00	4.73	18.47	46.87	40.91	45.05
11/11/2009 20:42:00	4.71	18.41	46.85	40.93	45.06
11/11/2009 21:42:00	4.69	18.36	46.82	40.93	45.08
11/11/2009 22:42:00	4.68	18.32	46.79	40.93	45.09
11/11/2009 23:42:00	4.67	18.28	46.74	40.93	45.09
12/11/2009 00:42:00	4.66	18.25	46.70	40.92	45.09
12/11/2009 01:42:00	4.66	18.22	46.65	40.90	45.09
12/11/2009 02:42:00	4.65	18.19	46.61	40.88	45.09
12/11/2009 03:42:00	4.64	18.16	46.56	40.85	45.08
12/11/2009 04:42:00	4.64	18.13	46.51	40.82	45.06
12/11/2009 05:42:00	4.64	18.10	46.46	40.80	45.06
12/11/2009 06:42:00	4.65	18.07	46.42	40.77	45.05
12/11/2009 07:42:00	4.68	18.06	46.37	40.75	45.05
12/11/2009 08:42:00	4.76	18.10	46.35	40.73	45.04
12/11/2009 09:42:00	4.83	18.19	46.35	40.72	45.04
12/11/2009 10:42:00	4.88	18.29	46.38	40.71	45.04
12/11/2009 11:42:00	4.91	18.42	46.45	40.72	45.03
12/11/2009 12:42:00	4.91	18.46	46.53	40.73	45.03
12/11/2009 13:42:00	4.83	18.49	46.63	40.75	45.02
12/11/2009 14:42:00	4.76	18.49	46.73	40.77	45.02
12/11/2009 15:42:00	4.76	18.47	46.79	40.80	45.03
12/11/2009 16:42:00	4.72	18.45	46.83	40.83	45.04
12/11/2009 17:42:00	4.67	18.42	46.85	40.86	45.05
12/11/2009 18:42:00	4.63	18.38	46.86	40.89	45.06
12/11/2009 19:42:00	4.60	18.32	46.84	40.90	45.09
12/11/2009 20:42:00	4.57	18.27	46.81	40.91	45.09
12/11/2009 21:42:00	4.56	18.24	46.78	40.91	45.10
12/11/2009 22:42:00	4.55	18.20	46.74	40.90	45.10
12/11/2009 23:42:00	4.54	18.16	46.70	40.89	45.10

Campbell Park					
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)	Moisture Content 50 cm below ground level (vol% H_2O)
13/11/2009 00:42:00	4.54	18.13	46.64	40.87	45.10
13/11/2009 01:42:00	4.54	18.10	46.60	40.85	45.09
13/11/2009 02:42:00	4.54	18.07	46.55	40.83	45.09
13/11/2009 03:42:00	4.53	18.05	46.50	40.80	45.08
13/11/2009 04:42:00	4.53	18.02	46.46	40.77	45.06
13/11/2009 05:42:00	4.53	17.99	46.41	40.74	45.05
13/11/2009 06:42:00	4.55	17.97	46.36	40.72	45.04
13/11/2009 07:42:00	4.57	17.96	46.32	40.70	45.04
13/11/2009 08:42:00	4.63	17.98	46.29	40.67	45.03
13/11/2009 09:42:00	4.71	18.06	46.29	40.66	45.02
13/11/2009 10:42:00	4.77	18.17	46.32	40.65	45.02
13/11/2009 11:42:00	4.82	18.29	46.37	40.66	45.02
13/11/2009 12:42:00	4.85	18.39	46.46	40.67	45.01
13/11/2009 13:42:00	4.82	18.41	46.56	40.68	45.00
13/11/2009 14:42:00	4.77	18.45	46.67	40.71	45.00
13/11/2009 15:42:00	4.71	18.49	46.78	40.74	45.00
13/11/2009 16:42:00	4.64	18.48	46.85	40.78	45.01
13/11/2009 17:42:00	4.57	18.46	46.90	40.82	45.03
13/11/2009 18:42:00	4.52	18.42	46.93	40.86	45.04
13/11/2009 19:42:00	4.47	18.35	46.93	40.88	45.05
13/11/2009 20:42:00	4.44	18.30	46.90	40.89	45.08
13/11/2009 21:42:00	4.43	18.25	46.87	40.90	45.09
13/11/2009 22:42:00	4.42	18.21	46.83	40.90	45.10
13/11/2009 23:42:00	4.40	18.17	46.79	40.89	45.10
14/11/2009 00:42:00	4.40	18.13	46.74	40.88	45.10
14/11/2009 01:42:00	4.40	18.10	46.69	40.86	45.09
14/11/2009 02:42:00	4.40	18.07	46.64	40.84	45.09
14/11/2009 03:42:00	4.40	18.04	46.59	40.82	45.08
14/11/2009 04:42:00	4.41	18.02	46.55	40.80	45.08
14/11/2009 05:42:00	4.42	18.00	46.50	40.77	45.06
14/11/2009 06:42:00	4.43	17.98	46.47	40.75	45.05
14/11/2009 07:42:00	4.45	17.97	46.43	40.72	45.04
14/11/2009 08:42:00	4.52	17.99	46.40	40.71	45.04
14/11/2009 09:42:00	4.58	18.07	46.40	40.69	45.03
14/11/2009 10:42:00	4.64	18.16	46.43	40.69	45.03
14/11/2009 11:42:00	4.63	18.22	46.48	40.69	45.03
14/11/2009 12:42:00	4.63	18.26	46.54	40.69	45.02
14/11/2009 13:42:00	4.61	18.30	46.61	40.71	45.01
14/11/2009 14:42:00	4.58	18.35	46.70	40.73	45.02
14/11/2009 15:42:00	4.53	18.37	46.77	40.76	45.02
14/11/2009 16:42:00	4.47	18.38	46.83	40.79	45.03
14/11/2009 17:42:00	4.41	18.36	46.88	40.82	45.04
14/11/2009 18:42:00	4.37	18.33	46.89	40.85	45.05
14/11/2009 19:42:00	4.33	18.27	46.89	40.87	45.08
14/11/2009 20:42:00	4.30	18.22	46.87	40.88	45.09
14/11/2009 21:42:00	4.30	18.19	46.85	40.88	45.09
14/11/2009 22:42:00	4.29	18.15	46.81	40.88	45.10
14/11/2009 23:42:00	4.28	18.12	46.78	40.87	45.10
15/11/2009 00:42:00	4.28	18.09	46.73	40.86	45.09
15/11/2009 01:42:00	4.27	18.05	46.69	40.84	45.09
15/11/2009 02:42:00	4.27	18.01	46.63	40.81	45.08
15/11/2009 03:42:00	4.27	17.98	46.58	40.79	45.06
15/11/2009 04:42:00	4.28	17.96	46.53	40.76	45.05
15/11/2009 05:42:00	4.29	17.93	46.48	40.74	45.05
15/11/2009 06:42:00	4.30	17.92	46.44	40.70	45.04
15/11/2009 07:42:00	4.33	17.90	46.40	40.68	45.03
15/11/2009 08:42:00	4.39	17.93	46.37	40.66	45.03
15/11/2009 09:42:00	4.47	18.01	46.37	40.65	45.02

Campbell Park					
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)	Moisture Content 50 cm below ground level (vol% H_2O)
15/11/2009 10:42:00	4.54	18.12	46.40	40.64	45.02
15/11/2009 11:42:00	4.59	18.22	46.45	40.64	45.01
15/11/2009 12:42:00	4.58	18.27	46.52	40.65	45.00
15/11/2009 13:42:00	4.54	18.32	46.61	40.67	45.00
15/11/2009 14:42:00	4.47	18.36	46.72	40.69	45.00
15/11/2009 15:42:00	4.43	18.37	46.80	40.73	45.01
15/11/2009 16:42:00	4.36	18.36	46.86	40.76	45.02
15/11/2009 17:42:00	4.30	18.34	46.90	40.79	45.03
15/11/2009 18:42:00	4.27	18.30	46.91	40.82	45.04
15/11/2009 19:42:00	4.24	18.24	46.90	40.84	45.06
15/11/2009 20:42:00	4.22	18.20	46.89	40.85	45.08
15/11/2009 21:42:00	4.21	18.16	46.86	40.86	45.09
15/11/2009 22:42:00	4.20	18.13	46.82	40.86	45.09
15/11/2009 23:42:00	4.20	18.10	46.78	40.85	45.09
16/11/2009 00:42:00	4.20	18.07	46.75	40.84	45.10
16/11/2009 01:42:00	4.21	18.04	46.71	40.82	45.09
16/11/2009 02:42:00	4.21	18.02	46.67	40.81	45.09
16/11/2009 03:42:00	4.21	17.99	46.62	40.79	45.09
16/11/2009 04:42:00	4.22	17.98	46.59	40.77	45.09
16/11/2009 05:42:00	4.22	17.96	46.56	40.75	45.08
16/11/2009 06:42:00	4.22	17.94	46.53	40.73	45.08
16/11/2009 07:42:00	4.24	17.93	46.50	40.71	45.06
16/11/2009 08:42:00	4.26	17.92	46.47	40.69	45.06
16/11/2009 09:42:00	4.28	17.92	46.45	40.67	45.05
16/11/2009 10:42:00	4.29	17.93	46.45	40.65	45.04
16/11/2009 11:42:00	4.29	17.95	46.44	40.64	45.03
16/11/2009 12:42:00	4.31	17.96	46.45	40.63	45.02
16/11/2009 13:42:00	4.29	17.98	46.46	40.62	45.02
16/11/2009 14:42:00	4.31	17.99	46.48	40.62	45.01
16/11/2009 15:42:00	4.30	18.01	46.50	40.62	45.01
16/11/2009 16:42:00	4.26	18.02	46.53	40.62	45.01
16/11/2009 17:42:00	4.20	18.01	46.55	40.62	45.01
16/11/2009 18:42:00	4.17	17.98	46.54	40.62	45.01
16/11/2009 19:42:00	4.15	17.95	46.52	40.62	45.00
16/11/2009 20:42:00	4.14	17.92	46.49	40.61	45.00
16/11/2009 21:42:00	4.14	17.89	46.46	40.60	45.00
16/11/2009 22:42:00	4.13	17.86	46.42	40.58	45.00
16/11/2009 23:42:00	4.14	17.83	46.37	40.57	44.99
17/11/2009 00:42:00	4.14	17.81	46.32	40.54	44.98
17/11/2009 01:42:00	4.14	17.78	46.28	40.52	44.97
17/11/2009 02:42:00	4.15	17.77	46.24	40.49	44.97
17/11/2009 03:42:00	4.15	17.75	46.20	40.46	44.96
17/11/2009 04:42:00	4.16	17.73	46.17	40.44	44.95
17/11/2009 05:42:00	4.17	17.72	46.13	40.41	44.94
17/11/2009 06:42:00	4.18	17.71	46.10	40.39	44.93
17/11/2009 07:42:00	4.19	17.70	46.07	40.37	44.92
17/11/2009 08:42:00	4.23	17.71	46.05	40.35	44.91

Windmill				
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)
20/10/2009 16:18:00	10.21	43.89	51.61	59.30
20/10/2009 16:28:00	10.20	43.87	51.58	59.26
20/10/2009 16:38:00	10.18	43.86	51.57	59.24
20/10/2009 16:48:00	10.15	43.80	51.46	59.15
20/10/2009 16:58:00	12.27	44.20	51.43	58.88
20/10/2009 17:28:00	12.05	44.16	51.31	58.74
20/10/2009 18:28:00	11.97	44.10	51.28	58.71
20/10/2009 19:28:00	11.88	43.99	51.27	58.70
20/10/2009 20:28:00	11.79	43.84	51.25	58.68
20/10/2009 21:28:00	11.72	43.70	51.23	58.68
20/10/2009 22:28:00	11.66	43.57	51.22	58.68
20/10/2009 23:28:00	11.61	43.44	51.21	58.68
21/10/2009 00:28:00	11.54	43.30	51.19	58.67
21/10/2009 01:28:00	11.50	43.18	51.17	58.67
21/10/2009 02:28:00	11.46	43.07	51.15	58.67
21/10/2009 03:28:00	11.43	42.97	51.13	58.67
21/10/2009 04:28:00	11.39	42.87	51.12	58.66
21/10/2009 05:28:00	11.35	42.78	51.11	58.66
21/10/2009 06:28:00	11.31	42.68	51.09	58.65
21/10/2009 07:28:00	11.29	42.58	51.07	58.65
21/10/2009 08:28:00	11.29	42.51	51.05	58.65
21/10/2009 09:28:00	11.43	42.55	51.04	58.65
21/10/2009 10:28:00	11.56	42.72	51.03	58.65
21/10/2009 11:28:00	11.74	43.02	51.03	58.64
21/10/2009 12:28:00	11.88	43.38	51.04	58.62
21/10/2009 13:28:00	11.96	43.73	51.08	58.62
21/10/2009 14:28:00	11.97	44.02	51.11	58.62
21/10/2009 15:28:00	11.93	44.20	51.14	58.61
21/10/2009 16:28:00	11.83	44.26	51.17	58.60
21/10/2009 17:28:00	11.68	44.19	51.19	58.60
21/10/2009 18:28:00	11.48	43.98	51.19	58.60
21/10/2009 19:28:00	11.32	43.69	51.18	58.59
21/10/2009 20:28:00	11.20	43.38	51.14	58.59
21/10/2009 21:28:00	11.12	43.10	51.11	58.59
21/10/2009 22:28:00	11.06	42.87	51.09	58.59
21/10/2009 23:28:00	11.02	42.67	51.04	58.58
22/10/2009 00:28:00	10.96	42.50	51.01	58.58
22/10/2009 01:28:00	10.92	42.32	50.99	58.56
22/10/2009 02:28:00	10.87	42.15	50.94	58.55
22/10/2009 03:28:00	10.82	41.99	50.91	58.54
22/10/2009 04:28:00	10.78	41.82	50.89	58.53
22/10/2009 05:28:00	10.74	41.65	50.84	58.50
22/10/2009 06:28:00	10.70	41.49	50.81	58.49
22/10/2009 07:28:00	10.69	41.34	50.78	58.48
22/10/2009 08:28:00	10.72	41.26	50.74	58.48
22/10/2009 09:28:00	10.89	41.31	50.73	58.48
22/10/2009 10:28:00	11.12	41.56	50.72	58.48
22/10/2009 11:28:00	11.33	41.95	50.73	58.48
22/10/2009 12:28:00	11.52	42.40	50.76	58.47
22/10/2009 13:28:00	11.66	42.86	50.80	58.46
22/10/2009 14:28:00	11.69	43.24	50.84	58.46
22/10/2009 15:28:00	11.64	43.48	50.89	58.46
22/10/2009 16:28:00	11.54	43.57	50.93	58.46
22/10/2009 17:28:00	11.39	43.51	50.95	58.46
22/10/2009 18:28:00	11.18	43.31	50.97	58.47
22/10/2009 19:28:00	11.00	43.02	50.97	58.47

Windmill				
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)
22/10/2009 20:28:00	10.87	42.71	50.94	58.47
22/10/2009 21:28:00	10.78	42.43	50.91	58.47
22/10/2009 22:28:00	10.72	42.19	50.89	58.48
22/10/2009 23:28:00	10.67	41.98	50.86	58.47
23/10/2009 00:28:00	10.62	41.79	50.82	58.47
23/10/2009 01:28:00	10.59	41.62	50.80	58.47
23/10/2009 02:28:00	10.55	41.47	50.77	58.46
23/10/2009 03:28:00	10.53	41.33	50.73	58.46
23/10/2009 04:28:00	10.50	41.21	50.71	58.44
23/10/2009 05:28:00	10.48	41.09	50.69	58.43
23/10/2009 06:28:00	10.44	40.96	50.66	58.42
23/10/2009 07:28:00	10.43	40.84	50.62	58.42
23/10/2009 08:28:00	10.46	40.77	50.61	58.41
23/10/2009 09:28:00	10.62	40.80	50.59	58.42
23/10/2009 10:28:00	10.84	41.01	50.58	58.41
23/10/2009 11:28:00	11.07	41.36	50.59	58.41
23/10/2009 12:28:00	11.28	41.80	50.61	58.40
23/10/2009 13:28:00	11.42	42.25	50.65	58.40
23/10/2009 14:28:00	11.38	42.57	50.70	58.40
23/10/2009 15:28:00	11.32	42.71	50.73	58.40
23/10/2009 16:28:00	11.25	42.78	50.77	58.41
23/10/2009 17:28:00	11.12	42.72	50.80	58.41
23/10/2009 18:28:00	10.93	42.56	50.81	58.42
23/10/2009 19:28:00	10.76	42.31	50.80	58.43
23/10/2009 20:28:00	10.64	42.03	50.79	58.43
23/10/2009 21:28:00	10.57	41.78	50.77	58.43
23/10/2009 22:28:00	10.52	41.58	50.74	58.44
23/10/2009 23:28:00	10.48	41.41	50.72	58.44
24/10/2009 00:28:00	10.44	41.26	50.71	58.46
24/10/2009 01:28:00	10.39	41.11	50.68	58.44
24/10/2009 02:28:00	10.37	40.97	50.66	58.44
24/10/2009 03:28:00	10.36	40.85	50.63	58.44
24/10/2009 04:28:00	10.32	40.75	50.61	58.44
24/10/2009 05:28:00	10.28	40.63	50.59	58.43
24/10/2009 06:28:00	10.24	40.49	50.57	58.42
24/10/2009 07:28:00	10.23	40.38	50.55	58.42
24/10/2009 08:28:00	10.27	40.30	50.52	58.42
24/10/2009 09:28:00	10.44	40.35	50.51	58.42
24/10/2009 10:28:00	10.70	40.58	50.50	58.42
24/10/2009 11:28:00	10.89	40.91	50.51	58.41
24/10/2009 12:28:00	11.00	41.27	50.52	58.40
24/10/2009 13:28:00	10.89	41.43	50.55	58.38
24/10/2009 14:28:00	10.80	41.43	50.58	58.38
24/10/2009 15:28:00	10.68	41.34	50.59	58.40
24/10/2009 16:28:00	10.65	41.25	50.59	58.40
24/10/2009 17:28:00	10.62	41.19	50.59	58.40
24/10/2009 18:28:00	10.56	41.11	50.58	58.40
24/10/2009 19:28:00	10.47	40.99	50.57	58.40
24/10/2009 20:28:00	10.39	40.83	50.56	58.40
24/10/2009 21:28:00	10.33	40.67	50.55	58.41
24/10/2009 22:28:00	10.28	40.51	50.52	58.41
24/10/2009 23:28:00	10.24	40.38	50.50	58.40
25/10/2009 00:28:00	10.21	40.26	50.48	58.40
25/10/2009 01:28:00	10.21	40.15	50.47	58.40
25/10/2009 02:28:00	10.20	40.08	50.45	58.40
25/10/2009 03:28:00	10.19	40.02	50.44	58.38

Windmill				
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)
25/10/2009 04:28:00	10.17	39.95	50.41	58.38
25/10/2009 05:28:00	10.16	39.88	50.40	58.37
25/10/2009 06:28:00	10.15	39.82	50.38	58.37
25/10/2009 07:28:00	10.14	39.76	50.37	58.37
25/10/2009 08:28:00	10.17	39.72	50.35	58.36
25/10/2009 09:28:00	10.23	39.73	50.34	58.36
25/10/2009 10:28:00	10.30	39.77	50.33	58.35
25/10/2009 11:28:00	10.40	39.88	50.33	58.35
25/10/2009 12:28:00	10.60	40.08	50.33	58.34
25/10/2009 13:28:00	10.77	40.35	50.33	58.34
25/10/2009 14:28:00	10.90	40.66	50.34	58.32
25/10/2009 15:28:00	10.92	40.90	50.37	58.31
25/10/2009 16:28:00	10.85	41.03	50.39	58.31
25/10/2009 17:28:00	10.72	41.01	50.42	58.32
25/10/2009 18:28:00	10.51	40.85	50.46	58.36
25/10/2009 19:28:00	10.35	40.62	50.51	58.41
25/10/2009 20:28:00	10.22	40.38	50.56	58.48
25/10/2009 21:28:00	10.14	40.16	50.60	58.54
25/10/2009 22:28:00	10.07	39.99	50.65	58.60
25/10/2009 23:28:00	10.01	39.84	50.68	58.65
26/10/2009 00:28:00	9.97	39.71	50.71	58.70
26/10/2009 01:28:00	9.93	39.59	50.73	58.72
26/10/2009 02:28:00	9.90	39.50	50.76	58.76
26/10/2009 03:28:00	9.88	39.42	50.77	58.78
26/10/2009 04:28:00	9.86	39.35	50.78	58.79
26/10/2009 05:28:00	9.85	39.31	50.79	58.82
26/10/2009 06:28:00	9.83	39.26	50.80	58.83
26/10/2009 07:28:00	9.84	39.21	50.80	58.84
26/10/2009 08:28:00	9.91	39.22	50.80	58.85
26/10/2009 09:28:00	10.07	39.33	50.80	58.85
26/10/2009 10:28:00	10.31	39.58	50.81	58.86
26/10/2009 11:28:00	10.57	39.95	50.82	58.86
26/10/2009 12:28:00	10.85	40.41	50.84	58.85
26/10/2009 13:28:00	11.06	40.91	50.87	58.84
26/10/2009 14:28:00	11.11	41.31	50.90	58.83
26/10/2009 15:28:00	11.11	41.56	50.92	58.82
26/10/2009 16:28:00	11.05	41.70	50.94	58.79
26/10/2009 17:28:00	10.94	41.71	50.95	58.79
26/10/2009 18:28:00	10.75	41.59	50.95	58.78
26/10/2009 19:28:00	10.58	41.37	50.94	58.78
26/10/2009 20:28:00	10.46	41.15	50.93	58.78
26/10/2009 21:28:00	10.39	40.94	50.91	58.78
26/10/2009 22:28:00	10.34	40.78	50.89	58.79
26/10/2009 23:28:00	10.30	40.64	50.87	58.79
27/10/2009 00:28:00	10.25	40.51	50.84	58.79
27/10/2009 01:28:00	10.21	40.39	50.82	58.78
27/10/2009 02:28:00	10.17	40.27	50.80	58.78
27/10/2009 03:28:00	10.13	40.15	50.78	58.77
27/10/2009 04:28:00	10.10	40.04	50.76	58.77
27/10/2009 05:28:00	10.07	39.93	50.73	58.76
27/10/2009 06:28:00	10.05	39.83	50.71	58.76
27/10/2009 07:28:00	10.06	39.75	50.69	58.76
27/10/2009 08:28:00	10.14	39.73	50.68	58.76
27/10/2009 09:28:00	10.38	39.85	50.68	58.77
27/10/2009 10:28:00	10.67	40.15	50.69	58.77
27/10/2009 11:28:00	10.99	40.56	50.70	58.76

Windmill				
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)
27/10/2009 12:28:00	11.32	41.08	50.72	58.76
27/10/2009 13:28:00	11.56	41.62	50.76	58.73
27/10/2009 14:28:00	11.63	42.05	50.79	58.72
27/10/2009 15:28:00	11.65	42.34	50.81	58.71
27/10/2009 16:28:00	11.58	42.48	50.84	58.71
27/10/2009 17:28:00	11.44	42.49	50.87	58.70
27/10/2009 18:28:00	11.21	42.35	50.87	58.70
27/10/2009 19:28:00	10.99	42.11	50.87	58.70
27/10/2009 20:28:00	10.84	41.85	50.86	58.71
27/10/2009 21:28:00	10.74	41.60	50.83	58.71
27/10/2009 22:28:00	10.66	41.39	50.80	58.71
27/10/2009 23:28:00	10.62	41.22	50.78	58.71
28/10/2009 00:28:00	10.58	41.07	50.74	58.71
28/10/2009 01:28:00	10.55	40.95	50.73	58.71
28/10/2009 02:28:00	10.54	40.85	50.72	58.71
28/10/2009 03:28:00	10.54	40.79	50.70	58.71
28/10/2009 04:28:00	10.52	40.72	50.69	58.71
28/10/2009 05:28:00	10.49	40.65	50.68	58.71
28/10/2009 06:28:00	10.45	40.56	50.67	58.71
28/10/2009 07:28:00	10.46	40.48	50.65	58.71
28/10/2009 08:28:00	10.54	40.47	50.65	58.71
28/10/2009 09:28:00	10.74	40.55	50.63	58.72
28/10/2009 10:28:00	11.09	40.82	50.65	58.72
28/10/2009 11:28:00	11.44	41.23	50.65	58.71
28/10/2009 12:28:00	11.76	41.71	50.68	58.71
28/10/2009 13:28:00	12.04	42.22	50.70	58.68
28/10/2009 14:28:00	12.22	42.69	50.73	58.67
28/10/2009 15:28:00	12.18	43.02	50.77	58.67
28/10/2009 16:28:00	11.94	43.08	50.81	58.67
28/10/2009 17:28:00	11.78	42.97	50.83	58.67
28/10/2009 18:28:00	11.58	42.84	50.84	58.68
28/10/2009 19:28:00	11.38	42.62	50.84	58.68
28/10/2009 20:28:00	11.22	42.39	50.83	58.70
28/10/2009 21:28:00	11.09	42.16	50.82	58.71
28/10/2009 22:28:00	11.00	41.95	50.81	58.71
28/10/2009 23:28:00	10.95	41.78	50.79	58.71
29/10/2009 00:28:00	10.87	41.62	50.77	58.71
29/10/2009 01:28:00	10.79	41.45	50.74	58.72
29/10/2009 02:28:00	10.73	41.30	50.72	58.71
29/10/2009 03:28:00	10.69	41.16	50.70	58.71
29/10/2009 04:28:00	10.65	41.03	50.68	58.71
29/10/2009 05:28:00	10.62	40.91	50.66	58.71
29/10/2009 06:28:00	10.62	40.81	50.63	58.71
29/10/2009 07:28:00	10.64	40.75	50.62	58.71
29/10/2009 08:28:00	10.72	40.73	50.60	58.71
29/10/2009 09:28:00	10.98	40.82	50.59	58.70
29/10/2009 10:28:00	11.32	41.10	50.58	58.68
29/10/2009 11:28:00	11.68	41.49	50.57	58.67
29/10/2009 12:28:00	12.00	41.95	50.58	58.65
29/10/2009 13:28:00	12.22	42.41	50.60	58.62
29/10/2009 14:28:00	12.34	42.80	50.62	58.61
29/10/2009 15:28:00	12.39	43.09	50.67	58.60
29/10/2009 16:28:00	12.29	43.27	50.70	58.60
29/10/2009 17:28:00	12.12	43.26	50.73	58.61
29/10/2009 18:28:00	11.87	43.15	50.76	58.62
29/10/2009 19:28:00	11.60	42.94	50.77	58.65

Windmill				
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)
29/10/2009 20:28:00	11.38	42.68	50.78	58.66
29/10/2009 21:28:00	11.21	42.41	50.77	58.67
29/10/2009 22:28:00	11.10	42.16	50.76	58.68
29/10/2009 23:28:00	11.01	41.95	50.73	58.70
30/10/2009 00:28:00	10.98	41.77	50.71	58.71
30/10/2009 01:28:00	10.95	41.64	50.70	58.71
30/10/2009 02:28:00	10.93	41.52	50.68	58.71
30/10/2009 03:28:00	10.91	41.42	50.66	58.71
30/10/2009 04:28:00	10.88	41.32	50.65	58.71
30/10/2009 05:28:00	10.86	41.23	50.63	58.71
30/10/2009 06:28:00	10.82	41.13	50.61	58.71
30/10/2009 07:28:00	10.81	41.03	50.60	58.71
30/10/2009 08:28:00	10.88	40.98	50.59	58.70
30/10/2009 09:28:00	11.10	41.03	50.58	58.71
30/10/2009 10:28:00	11.46	41.25	50.57	58.71
30/10/2009 11:28:00	11.78	41.60	50.58	58.70
30/10/2009 12:28:00	11.97	41.97	50.59	58.68
30/10/2009 13:28:00	12.06	42.27	50.61	58.67
30/10/2009 14:28:00	12.15	42.50	50.63	58.67
30/10/2009 15:28:00	12.12	42.67	50.67	58.68
30/10/2009 16:28:00	11.97	42.71	50.69	58.68
30/10/2009 17:28:00	11.76	42.61	50.70	58.70
30/10/2009 18:28:00	11.46	42.40	50.71	58.71
30/10/2009 19:28:00	11.20	42.11	50.69	58.71
30/10/2009 20:28:00	11.03	41.81	50.68	58.71
30/10/2009 21:28:00	10.91	41.54	50.65	58.72
30/10/2009 22:28:00	10.82	41.31	50.61	58.72
30/10/2009 23:28:00	10.76	41.12	50.58	58.72
31/10/2009 00:28:00	10.71	40.95	50.56	58.72
31/10/2009 01:28:00	10.67	40.80	50.52	58.71
31/10/2009 02:28:00	10.64	40.68	50.50	58.71
31/10/2009 03:28:00	10.62	40.56	50.48	58.71
31/10/2009 04:28:00	10.59	40.46	50.46	58.70
31/10/2009 05:28:00	10.58	40.38	50.45	58.70
31/10/2009 06:28:00	10.58	40.30	50.42	58.70
31/10/2009 07:28:00	10.59	40.24	50.40	58.68
31/10/2009 08:28:00	10.67	40.22	50.39	58.68
31/10/2009 09:28:00	10.82	40.27	50.38	58.68
31/10/2009 10:28:00	11.09	40.41	50.37	58.67
31/10/2009 11:28:00	11.43	40.71	50.37	58.67
31/10/2009 12:28:00	11.70	41.06	50.38	58.66
31/10/2009 13:28:00	11.91	41.42	50.40	58.65
31/10/2009 14:28:00	11.94	41.71	50.44	58.65
31/10/2009 15:28:00	11.92	41.87	50.47	58.65
31/10/2009 16:28:00	11.89	41.97	50.49	58.66
31/10/2009 17:28:00	11.73	41.97	50.51	58.67
31/10/2009 18:28:00	11.38	41.81	50.52	58.67
31/10/2009 19:28:00	11.09	41.52	50.51	58.68
31/10/2009 20:28:00	10.88	41.23	50.49	58.68
31/10/2009 21:28:00	10.72	40.94	50.47	58.68
31/10/2009 22:28:00	10.65	40.70	50.44	58.70
31/10/2009 23:28:00	10.60	40.52	50.40	58.68
01/11/2009 00:28:00	10.54	40.37	50.38	58.68
01/11/2009 01:28:00	10.49	40.23	50.35	58.68
01/11/2009 02:28:00	10.48	40.11	50.33	58.67
01/11/2009 03:28:00	10.46	40.02	50.30	58.67

Windmill				
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)
01/11/2009 04:28:00	10.44	39.94	50.28	58.67
01/11/2009 05:28:00	10.42	39.86	50.26	58.66
01/11/2009 06:28:00	10.40	39.79	50.25	58.66
01/11/2009 07:28:00	10.41	39.72	50.23	58.66
01/11/2009 08:28:00	10.48	39.70	50.22	58.65
01/11/2009 09:28:00	10.66	39.74	50.20	58.65
01/11/2009 10:28:00	10.99	39.92	50.19	58.65
01/11/2009 11:28:00	11.29	40.23	50.19	58.64
01/11/2009 12:28:00	11.56	40.58	50.20	58.62
01/11/2009 13:28:00	11.84	40.98	50.24	58.62
01/11/2009 14:28:00	11.93	41.29	50.27	58.62
01/11/2009 15:28:00	11.90	41.53	50.30	58.62
01/11/2009 16:28:00	11.83	41.62	50.33	58.62
01/11/2009 17:28:00	11.61	41.60	50.35	58.64
01/11/2009 18:28:00	11.35	41.45	50.36	58.65
01/11/2009 19:28:00	11.10	41.24	50.36	58.66
01/11/2009 20:28:00	10.90	41.00	50.35	58.67
01/11/2009 21:28:00	10.75	40.76	50.33	58.67
01/11/2009 22:28:00	10.63	40.54	50.30	58.68
01/11/2009 23:28:00	10.54	40.35	50.27	58.68
02/11/2009 00:28:00	10.45	40.17	50.24	58.67
02/11/2009 01:28:00	10.38	40.00	50.22	58.67
02/11/2009 02:28:00	10.35	39.86	50.18	58.66
02/11/2009 03:28:00	10.33	39.76	50.16	58.66
02/11/2009 04:28:00	10.28	39.65	50.14	58.66
02/11/2009 05:28:00	10.27	39.56	50.12	58.65
02/11/2009 06:28:00	10.29	39.49	50.11	58.65
02/11/2009 07:28:00	10.31	39.46	50.08	58.65
02/11/2009 08:28:00	10.38	39.44	50.06	58.64
02/11/2009 09:28:00	10.62	39.53	50.04	58.64
02/11/2009 10:28:00	10.94	39.75	50.03	58.62
02/11/2009 11:28:00	11.28	40.07	50.03	58.61
02/11/2009 12:28:00	11.61	40.47	50.04	58.60
02/11/2009 13:28:00	11.88	40.92	50.06	58.59
02/11/2009 14:28:00	11.96	41.29	50.08	58.58
02/11/2009 15:28:00	11.92	41.52	50.12	58.59
02/11/2009 16:28:00	11.52	41.52	50.15	58.59
02/11/2009 17:28:00	11.10	41.28	50.16	58.61
02/11/2009 18:28:00	10.82	40.95	50.16	58.62
02/11/2009 19:28:00	10.59	40.64	50.14	58.62
02/11/2009 20:28:00	10.46	40.35	50.11	58.62
02/11/2009 21:28:00	10.36	40.11	50.07	58.64
02/11/2009 22:28:00	10.27	39.91	50.04	58.62
02/11/2009 23:28:00	10.18	39.72	50.01	58.62
03/11/2009 00:28:00	10.10	39.54	49.96	58.62
03/11/2009 01:28:00	10.04	39.37	49.93	58.61
03/11/2009 02:28:00	10.00	39.23	49.90	58.60
03/11/2009 03:28:00	9.97	39.12	49.86	58.59
03/11/2009 04:28:00	9.93	39.00	49.83	58.58
03/11/2009 05:28:00	9.89	38.90	49.80	58.56
03/11/2009 06:28:00	9.88	38.79	49.78	58.56
03/11/2009 07:28:00	9.89	38.73	49.74	58.55
03/11/2009 08:28:00	9.94	38.69	49.72	58.54
03/11/2009 09:28:00	10.04	38.72	49.70	58.54
03/11/2009 10:28:00	10.15	38.79	49.68	58.53
03/11/2009 11:28:00	10.25	38.90	49.67	58.52

Windmill				
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)
03/11/2009 12:28:00	10.33	38.99	49.67	58.50
03/11/2009 13:28:00	10.54	39.12	49.67	58.50
03/11/2009 14:28:00	10.61	39.32	49.67	58.49
03/11/2009 15:28:00	10.63	39.43	49.68	58.49
03/11/2009 16:28:00	10.52	39.46	49.68	58.48
03/11/2009 17:28:00	10.41	39.41	49.68	58.49
03/11/2009 18:28:00	10.28	39.31	49.68	58.49
03/11/2009 19:28:00	10.15	39.17	49.67	58.49
03/11/2009 20:28:00	10.05	39.01	49.66	58.49
03/11/2009 21:28:00	9.97	38.87	49.64	58.49
03/11/2009 22:28:00	9.91	38.74	49.61	58.49
03/11/2009 23:28:00	9.86	38.62	49.59	58.48
04/11/2009 00:28:00	9.84	38.52	49.57	58.48
04/11/2009 01:28:00	9.80	38.43	49.54	58.47
04/11/2009 02:28:00	9.78	38.36	49.53	58.47
04/11/2009 03:28:00	9.75	38.29	49.50	58.46
04/11/2009 04:28:00	9.73	38.23	49.48	58.46
04/11/2009 05:28:00	9.72	38.17	49.46	58.44
04/11/2009 06:28:00	9.70	38.11	49.45	58.44
04/11/2009 07:28:00	9.68	38.06	49.43	58.43
04/11/2009 08:28:00	9.73	38.02	49.41	58.42
04/11/2009 09:28:00	9.86	38.06	49.40	58.42
04/11/2009 10:28:00	10.06	38.19	49.38	58.42
04/11/2009 11:28:00	10.22	38.38	49.38	58.41
04/11/2009 12:28:00	10.37	38.57	49.38	58.41
04/11/2009 13:28:00	10.47	38.78	49.40	58.40
04/11/2009 14:28:00	10.62	39.00	49.42	58.40
04/11/2009 15:28:00	10.61	39.15	49.44	58.40
04/11/2009 16:28:00	10.61	39.26	49.45	58.40
04/11/2009 17:28:00	10.47	39.29	49.47	58.40
04/11/2009 18:28:00	10.26	39.17	49.47	58.41
04/11/2009 19:28:00	10.07	39.00	49.47	58.41
04/11/2009 20:28:00	9.92	38.80	49.46	58.41
04/11/2009 21:28:00	9.82	38.59	49.45	58.40
04/11/2009 22:28:00	9.72	38.39	49.44	58.41
04/11/2009 23:28:00	9.66	38.23	49.42	58.41
05/11/2009 00:28:00	9.61	38.09	49.41	58.41
05/11/2009 01:28:00	9.57	37.98	49.38	58.41
05/11/2009 02:28:00	9.53	37.90	49.36	58.41
05/11/2009 03:28:00	9.43	37.78	49.33	58.40
05/11/2009 04:28:00	9.38	37.65	49.31	58.38
05/11/2009 05:28:00	9.40	37.57	49.29	58.38
05/11/2009 06:28:00	9.41	37.53	49.26	58.37
05/11/2009 07:28:00	9.45	37.51	49.24	58.37
05/11/2009 08:28:00	9.53	37.54	49.23	58.37
05/11/2009 09:28:00	9.66	37.63	49.21	58.37
05/11/2009 10:28:00	9.74	37.74	49.21	58.36
05/11/2009 11:28:00	9.94	37.89	49.20	58.36
05/11/2009 12:28:00	10.17	38.11	49.20	58.35
05/11/2009 13:28:00	10.61	38.46	49.21	58.35
05/11/2009 14:28:00	10.85	38.92	49.23	58.35
05/11/2009 15:28:00	10.95	39.27	49.26	58.34
05/11/2009 16:28:00	10.91	39.47	49.31	58.35
05/11/2009 17:28:00	10.76	39.52	49.34	58.35
05/11/2009 18:28:00	10.49	39.41	49.36	58.36
05/11/2009 19:28:00	10.20	39.18	49.37	58.37

Windmill				
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)
05/11/2009 20:28:00	9.99	38.92	49.35	58.37
05/11/2009 21:28:00	9.85	38.67	49.33	58.37
05/11/2009 22:28:00	9.75	38.46	49.31	58.37
05/11/2009 23:28:00	9.67	38.28	49.28	58.37
06/11/2009 00:28:00	9.60	38.13	49.24	58.36
06/11/2009 01:28:00	9.53	38.00	49.21	58.36
06/11/2009 02:28:00	9.46	37.86	49.18	58.35
06/11/2009 03:28:00	9.40	37.73	49.15	58.34
06/11/2009 04:28:00	9.33	37.60	49.11	58.32
06/11/2009 05:28:00	9.27	37.46	49.08	58.31
06/11/2009 06:28:00	9.20	37.33	49.05	58.30
06/11/2009 07:28:00	9.19	37.21	49.00	58.29
06/11/2009 08:28:00	9.28	37.16	48.97	58.29
06/11/2009 09:28:00	9.56	37.25	48.95	58.28
06/11/2009 10:28:00	9.94	37.51	48.94	58.28
06/11/2009 11:28:00	10.33	37.93	48.94	58.26
06/11/2009 12:28:00	10.72	38.42	48.96	58.25
06/11/2009 13:28:00	10.99	38.92	49.02	58.25
06/11/2009 14:28:00	11.17	39.36	49.07	58.25
06/11/2009 15:28:00	11.24	39.70	49.13	58.25
06/11/2009 16:28:00	11.17	39.93	49.20	58.26
06/11/2009 17:28:00	10.96	39.96	49.24	58.29
06/11/2009 18:28:00	10.66	39.84	49.28	58.30
06/11/2009 19:28:00	10.36	39.62	49.29	58.32
06/11/2009 20:28:00	10.12	39.35	49.28	58.34
06/11/2009 21:28:00	9.92	39.09	49.25	58.35
06/11/2009 22:28:00	9.77	38.83	49.23	58.35
06/11/2009 23:28:00	9.65	38.60	49.20	58.35
07/11/2009 00:28:00	9.53	38.39	49.16	58.34
07/11/2009 01:28:00	9.42	38.19	49.11	58.34
07/11/2009 02:28:00	9.33	38.00	49.07	58.32
07/11/2009 03:28:00	9.26	37.82	49.03	58.31
07/11/2009 04:28:00	9.20	37.66	48.98	58.29
07/11/2009 05:28:00	9.15	37.52	48.95	58.29
07/11/2009 06:28:00	9.11	37.40	48.91	58.28
07/11/2009 07:28:00	9.12	37.30	48.87	58.26
07/11/2009 08:28:00	9.22	37.27	48.85	58.25
07/11/2009 09:28:00	9.53	37.38	48.83	58.25
07/11/2009 10:28:00	9.92	37.68	48.82	58.25
07/11/2009 11:28:00	10.31	38.10	48.83	58.24
07/11/2009 12:28:00	10.68	38.60	48.86	58.24
07/11/2009 13:28:00	10.98	39.11	48.92	58.23
07/11/2009 14:28:00	11.18	39.59	48.97	58.23
07/11/2009 15:28:00	11.28	39.99	49.04	58.23
07/11/2009 16:28:00	11.24	40.28	49.08	58.24
07/11/2009 17:28:00	11.02	40.38	49.13	58.26
07/11/2009 18:28:00	10.68	40.27	49.17	58.29
07/11/2009 19:28:00	10.34	40.03	49.18	58.30
07/11/2009 20:28:00	10.08	39.74	49.19	58.32
07/11/2009 21:28:00	9.86	39.45	49.17	58.35
07/11/2009 22:28:00	9.69	39.18	49.13	58.35
07/11/2009 23:28:00	9.59	38.94	49.10	58.36
08/11/2009 00:28:00	9.50	38.76	49.07	58.36
08/11/2009 01:28:00	9.41	38.59	49.03	58.36
08/11/2009 02:28:00	9.31	38.41	48.99	58.35
08/11/2009 03:28:00	9.24	38.24	48.95	58.35

Windmill				
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)
08/11/2009 04:28:00	9.19	38.10	48.92	58.34
08/11/2009 05:28:00	9.15	37.98	48.87	58.34
08/11/2009 06:28:00	9.12	37.87	48.85	58.32
08/11/2009 07:28:00	9.15	37.80	48.82	58.31
08/11/2009 08:28:00	9.27	37.79	48.79	58.30
08/11/2009 09:28:00	9.52	37.91	48.76	58.30
08/11/2009 10:28:00	9.82	38.17	48.75	58.29
08/11/2009 11:28:00	10.12	38.53	48.75	58.28
08/11/2009 12:28:00	10.39	38.92	48.77	58.26
08/11/2009 13:28:00	10.64	39.34	48.79	58.25
08/11/2009 14:28:00	10.82	39.76	48.83	58.25
08/11/2009 15:28:00	10.92	40.12	48.87	58.25
08/11/2009 16:28:00	10.89	40.40	48.92	58.26
08/11/2009 17:28:00	10.76	40.51	48.96	58.28
08/11/2009 18:28:00	10.46	40.46	48.99	58.30
08/11/2009 19:28:00	10.15	40.27	48.99	58.32
08/11/2009 20:28:00	9.88	40.02	48.99	58.35
08/11/2009 21:28:00	9.66	39.74	48.97	58.36
08/11/2009 22:28:00	9.51	39.48	48.95	58.37
08/11/2009 23:28:00	9.42	39.27	48.93	58.38
09/11/2009 00:28:00	9.33	39.09	48.90	58.38
09/11/2009 01:28:00	9.27	38.93	48.86	58.40
09/11/2009 02:28:00	9.20	38.79	48.83	58.40
09/11/2009 03:28:00	9.14	38.67	48.80	58.40
09/11/2009 04:28:00	9.07	38.54	48.78	58.38
09/11/2009 05:28:00	9.01	38.40	48.75	58.38
09/11/2009 06:28:00	8.96	38.28	48.71	58.38
09/11/2009 07:28:00	8.95	38.17	48.68	58.37
09/11/2009 08:28:00	9.03	38.12	48.65	58.37
09/11/2009 09:28:00	9.26	38.20	48.62	58.36
09/11/2009 10:28:00	9.54	38.42	48.59	58.35
09/11/2009 11:28:00	9.83	38.74	48.58	58.34
09/11/2009 12:28:00	10.09	39.13	48.59	58.32
09/11/2009 13:28:00	10.29	39.56	48.63	58.31
09/11/2009 14:28:00	10.42	39.94	48.65	58.30
09/11/2009 16:28:00	10.33	40.42	48.73	58.32
09/11/2009 18:28:00	9.91	40.33	48.78	58.35
09/11/2009 19:28:00	9.65	40.11	48.78	58.37
09/11/2009 20:28:00	9.44	39.86	48.77	58.40
09/11/2009 21:28:00	9.26	39.60	48.75	58.41
09/11/2009 22:28:00	9.11	39.35	48.72	58.42
09/11/2009 23:28:00	8.99	39.12	48.69	58.42
10/11/2009 00:28:00	8.89	38.90	48.65	58.42
10/11/2009 01:28:00	8.82	38.71	48.62	58.42
10/11/2009 02:28:00	8.74	38.53	48.58	58.42
10/11/2009 03:28:00	8.69	38.37	48.54	58.41
10/11/2009 04:28:00	8.63	38.22	48.51	58.41
10/11/2009 05:28:00	8.58	38.08	48.48	58.40
10/11/2009 06:28:00	8.54	37.94	48.44	58.38
10/11/2009 07:28:00	8.55	37.84	48.41	58.37
10/11/2009 08:28:00	8.63	37.80	48.38	58.37
10/11/2009 09:28:00	8.85	37.87	48.36	58.36
10/11/2009 10:28:00	9.17	38.10	48.34	58.35
10/11/2009 11:28:00	9.48	38.46	48.31	58.34
10/11/2009 12:28:00	9.77	38.91	48.33	58.31
10/11/2009 13:28:00	9.99	39.35	48.36	58.31

Windmill				
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)
10/11/2009 14:28:00	10.08	39.77	48.40	58.30
10/11/2009 15:28:00	9.98	40.04	48.45	58.31
10/11/2009 16:28:00	9.84	40.13	48.50	58.31
10/11/2009 17:28:00	9.65	40.10	48.53	58.34
10/11/2009 18:28:00	9.42	39.98	48.54	58.35
10/11/2009 19:28:00	9.18	39.77	48.52	58.36
10/11/2009 20:28:00	8.98	39.53	48.51	58.38
10/11/2009 21:28:00	8.82	39.28	48.49	58.40
10/11/2009 22:28:00	8.67	39.03	48.45	58.41
10/11/2009 23:28:00	8.56	38.79	48.42	58.41
11/11/2009 00:28:00	8.47	38.58	48.38	58.40
11/11/2009 01:28:00	8.41	38.39	48.35	58.40
11/11/2009 02:28:00	8.35	38.23	48.30	58.40
11/11/2009 03:28:00	8.27	38.06	48.27	58.38
11/11/2009 04:28:00	8.22	37.90	48.24	58.37
11/11/2009 05:28:00	8.17	37.76	48.20	58.37
11/11/2009 06:28:00	8.13	37.62	48.16	58.36
11/11/2009 07:28:00	8.13	37.51	48.13	58.35
11/11/2009 08:28:00	8.21	37.45	48.10	58.34
11/11/2009 09:28:00	8.43	37.51	48.08	58.34
11/11/2009 10:28:00	8.74	37.75	48.07	58.32
11/11/2009 11:28:00	9.04	38.10	48.06	58.31
11/11/2009 12:28:00	9.32	38.54	48.07	58.29
11/11/2009 13:28:00	9.52	38.98	48.10	58.29
11/11/2009 14:28:00	9.50	39.33	48.15	58.29
11/11/2009 15:28:00	9.45	39.53	48.21	58.29
11/11/2009 16:28:00	9.36	39.65	48.24	58.30
11/11/2009 17:28:00	9.22	39.67	48.27	58.31
11/11/2009 18:28:00	9.01	39.58	48.29	58.32
11/11/2009 19:28:00	8.78	39.40	48.29	58.34
11/11/2009 20:28:00	8.66	39.17	48.28	58.36
11/11/2009 21:28:00	8.52	38.92	48.26	58.37
11/11/2009 22:28:00	8.41	38.71	48.24	58.37
11/11/2009 23:28:00	8.28	38.48	48.21	58.38
12/11/2009 00:28:00	8.18	38.27	48.16	58.37
12/11/2009 01:28:00	8.11	38.07	48.13	58.37
12/11/2009 02:28:00	8.04	37.89	48.09	58.36
12/11/2009 03:28:00	7.99	37.72	48.05	58.35
12/11/2009 04:28:00	7.95	37.58	48.01	58.35
12/11/2009 05:28:00	7.90	37.44	47.97	58.34
12/11/2009 06:28:00	7.86	37.31	47.94	58.32
12/11/2009 07:28:00	7.86	37.21	47.91	58.31
12/11/2009 08:28:00	7.95	37.15	47.89	58.30
12/11/2009 09:28:00	8.15	37.23	47.86	58.30
12/11/2009 10:28:00	8.41	37.44	47.84	58.29
12/11/2009 11:28:00	8.67	37.78	47.82	58.26
12/11/2009 12:28:00	8.91	38.18	47.83	58.25
12/11/2009 13:28:00	9.11	38.63	47.86	58.24
12/11/2009 14:28:00	9.12	39.03	47.91	58.24
12/11/2009 15:28:00	8.99	39.24	47.97	58.24
12/11/2009 16:28:00	8.79	39.27	48.01	58.25
12/11/2009 17:28:00	8.67	39.22	48.04	58.26
12/11/2009 18:28:00	8.47	39.12	48.05	58.28
12/11/2009 19:28:00	8.25	38.92	48.05	58.29
12/11/2009 20:28:00	8.08	38.69	48.02	58.30
12/11/2009 21:28:00	7.95	38.45	48.00	58.31

Windmill				
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)
12/11/2009 22:28:00	7.83	38.23	47.97	58.31
12/11/2009 23:28:00	7.74	38.01	47.94	58.31
13/11/2009 00:28:00	7.67	37.82	47.91	58.31
13/11/2009 01:28:00	7.62	37.64	47.86	58.30
13/11/2009 02:28:00	7.59	37.50	47.83	58.30
13/11/2009 03:28:00	7.55	37.38	47.80	58.29
13/11/2009 04:28:00	7.51	37.25	47.77	58.29
13/11/2009 05:28:00	7.46	37.12	47.74	58.28
13/11/2009 06:28:00	7.42	36.99	47.70	58.25
13/11/2009 07:28:00	7.43	36.89	47.67	58.25
13/11/2009 08:28:00	7.49	36.83	47.66	58.25
13/11/2009 09:28:00	7.67	36.88	47.64	58.24
13/11/2009 10:28:00	7.89	37.06	47.61	58.23
13/11/2009 11:28:00	8.17	37.38	47.60	58.22
13/11/2009 12:28:00	8.39	37.78	47.61	58.19
13/11/2009 13:28:00	8.51	38.17	47.63	58.18
13/11/2009 14:28:00	8.61	38.53	47.67	58.18
13/11/2009 15:28:00	8.61	38.83	47.74	58.18
13/11/2009 16:28:00	8.49	39.02	47.79	58.18
13/11/2009 17:28:00	8.34	39.07	47.83	58.19
13/11/2009 18:28:00	8.13	39.00	47.86	58.20
13/11/2009 19:28:00	7.90	38.81	47.88	58.22
13/11/2009 20:28:00	7.72	38.56	47.88	58.24
13/11/2009 21:28:00	7.55	38.31	47.85	58.25
13/11/2009 22:28:00	7.42	38.04	47.82	58.25
13/11/2009 23:28:00	7.31	37.79	47.78	58.24
14/11/2009 00:28:00	7.22	37.57	47.73	58.23
14/11/2009 01:28:00	7.15	37.37	47.68	58.22
14/11/2009 02:28:00	7.11	37.18	47.63	58.20
14/11/2009 03:28:00	7.07	37.02	47.60	58.20
14/11/2009 04:28:00	7.04	36.89	47.56	58.19
14/11/2009 05:28:00	7.02	36.76	47.52	58.18
14/11/2009 06:28:00	6.99	36.66	47.48	58.17
14/11/2009 07:28:00	6.99	36.55	47.45	58.16
14/11/2009 08:28:00	7.06	36.52	47.42	58.14
14/11/2009 09:28:00	7.21	36.59	47.39	58.13
14/11/2009 10:28:00	7.39	36.78	47.36	58.11
14/11/2009 11:28:00	7.58	37.09	47.34	58.08
14/11/2009 12:28:00	7.71	37.47	47.35	58.07
14/11/2009 13:28:00	7.77	37.78	47.39	58.06
14/11/2009 14:28:00	7.82	38.06	47.43	58.05
14/11/2009 15:28:00	7.82	38.29	47.48	58.05
14/11/2009 16:28:00	7.75	38.46	47.52	58.05
14/11/2009 17:28:00	7.63	38.53	47.57	58.06
14/11/2009 18:28:00	7.45	38.47	47.60	58.07
14/11/2009 19:28:00	7.26	38.30	47.61	58.08
14/11/2009 20:28:00	7.10	38.08	47.60	58.10
14/11/2009 21:28:00	6.96	37.84	47.58	58.11
14/11/2009 22:28:00	6.89	37.62	47.56	58.11
14/11/2009 23:28:00	6.83	37.42	47.52	58.11
15/11/2009 00:28:00	6.77	37.25	47.49	58.11
15/11/2009 01:28:00	6.73	37.09	47.45	58.11
15/11/2009 02:28:00	6.69	36.93	47.42	58.10
15/11/2009 03:28:00	6.64	36.79	47.39	58.08
15/11/2009 04:28:00	6.61	36.66	47.35	58.07
15/11/2009 05:28:00	6.57	36.53	47.31	58.07

Windmill				
Date and Time	Moisture Content 10 cm below ground level (vol% H_2O)	Moisture Content 20 cm below ground level (vol% H_2O)	Moisture Content 30 cm below ground level (vol% H_2O)	Moisture Content 40 cm below ground level (vol% H_2O)
15/11/2009 06:28:00	6.55	36.41	47.28	58.06
15/11/2009 07:28:00	6.55	36.30	47.25	58.04
15/11/2009 08:28:00	6.60	36.24	47.23	58.04
15/11/2009 09:28:00	6.74	36.28	47.21	58.02
15/11/2009 10:28:00	6.93	36.45	47.18	58.01
15/11/2009 11:28:00	7.15	36.75	47.18	58.00
15/11/2009 12:28:00	7.34	37.13	47.19	57.99
15/11/2009 13:28:00	7.45	37.54	47.22	57.98
15/11/2009 14:28:00	7.48	37.87	47.27	57.98
15/11/2009 15:28:00	7.42	38.12	47.32	57.98
15/11/2009 16:28:00	7.30	38.23	47.37	57.98
15/11/2009 17:28:00	7.18	38.23	47.42	57.99
15/11/2009 18:28:00	7.02	38.17	47.44	58.00
15/11/2009 19:28:00	6.83	38.01	47.45	58.01
15/11/2009 20:28:00	6.69	37.79	47.45	58.04
15/11/2009 21:28:00	6.59	37.57	47.43	58.04
15/11/2009 22:28:00	6.51	37.37	47.41	58.05
15/11/2009 23:28:00	6.46	37.17	47.37	58.05
16/11/2009 00:28:00	6.41	37.01	47.34	58.04
16/11/2009 01:28:00	6.38	36.87	47.31	58.04
16/11/2009 02:28:00	6.36	36.74	47.28	58.04
16/11/2009 03:28:00	6.34	36.63	47.26	58.04
16/11/2009 04:28:00	6.33	36.54	47.23	58.02
16/11/2009 05:28:00	6.31	36.45	47.21	58.02
16/11/2009 06:28:00	6.30	36.38	47.18	58.01
16/11/2009 07:28:00	6.29	36.31	47.15	58.01
16/11/2009 08:28:00	6.30	36.26	47.14	58.00
16/11/2009 09:28:00	6.36	36.25	47.11	57.99
16/11/2009 10:28:00	6.44	36.31	47.09	57.98
16/11/2009 11:28:00	6.46	36.41	47.08	57.98
16/11/2009 12:28:00	6.48	36.48	47.07	57.96
16/11/2009 13:28:00	6.55	36.57	47.07	57.95
16/11/2009 14:28:00	6.60	36.72	47.07	57.95
16/11/2009 15:28:00	6.60	36.84	47.08	57.95

Attachment L:

Hydraulic gradient data – Point Sturt, Campbell Park and Windmill locations

Figure 1: Point Sturt Hydraulic Gradient and Surface Gradient (30/08/2009 - 18/11/2009)

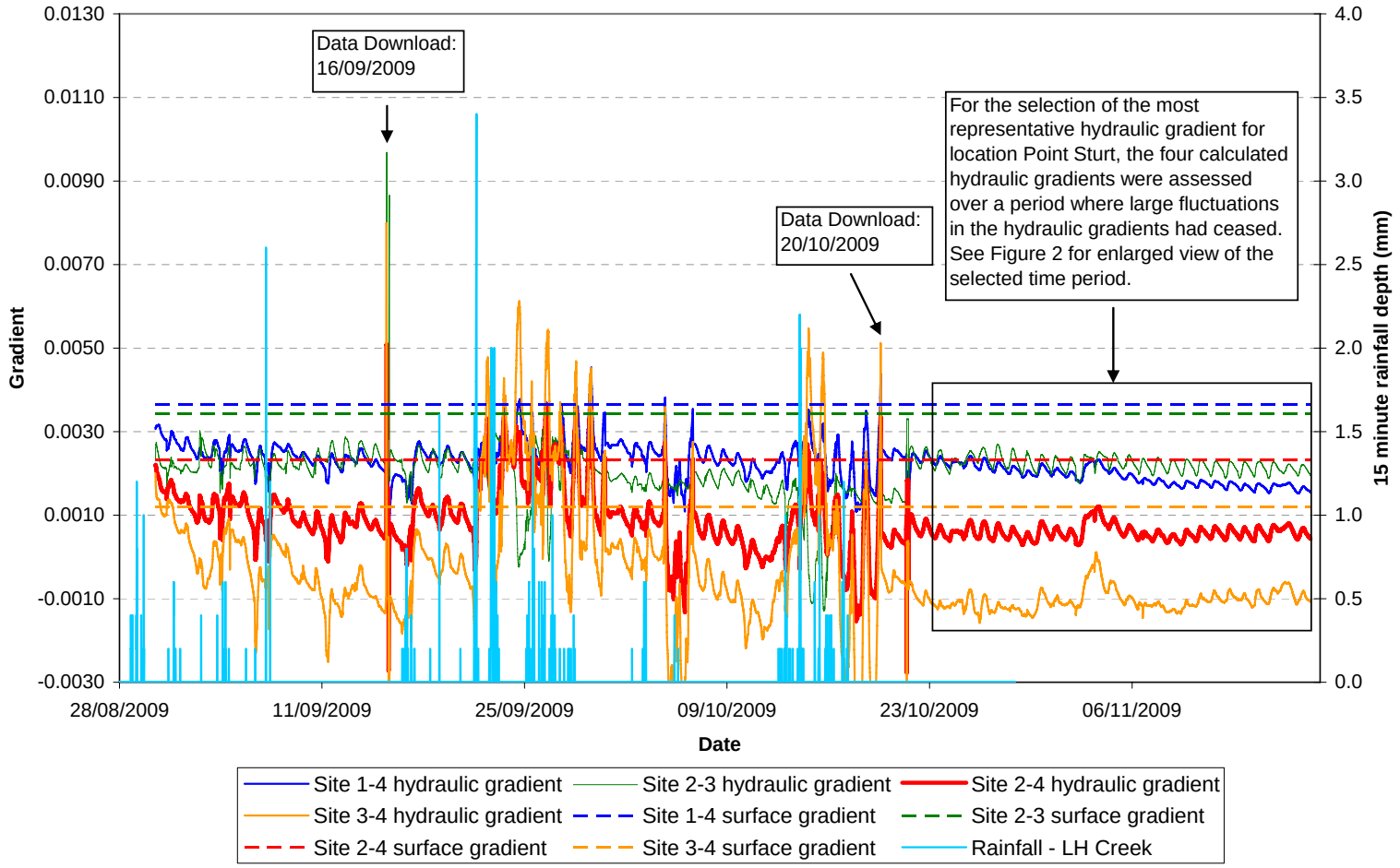


Figure 2: Point Sturt Hydraulic Gradient and Surface Gradient (30/08/2009 - 18/11/2009)

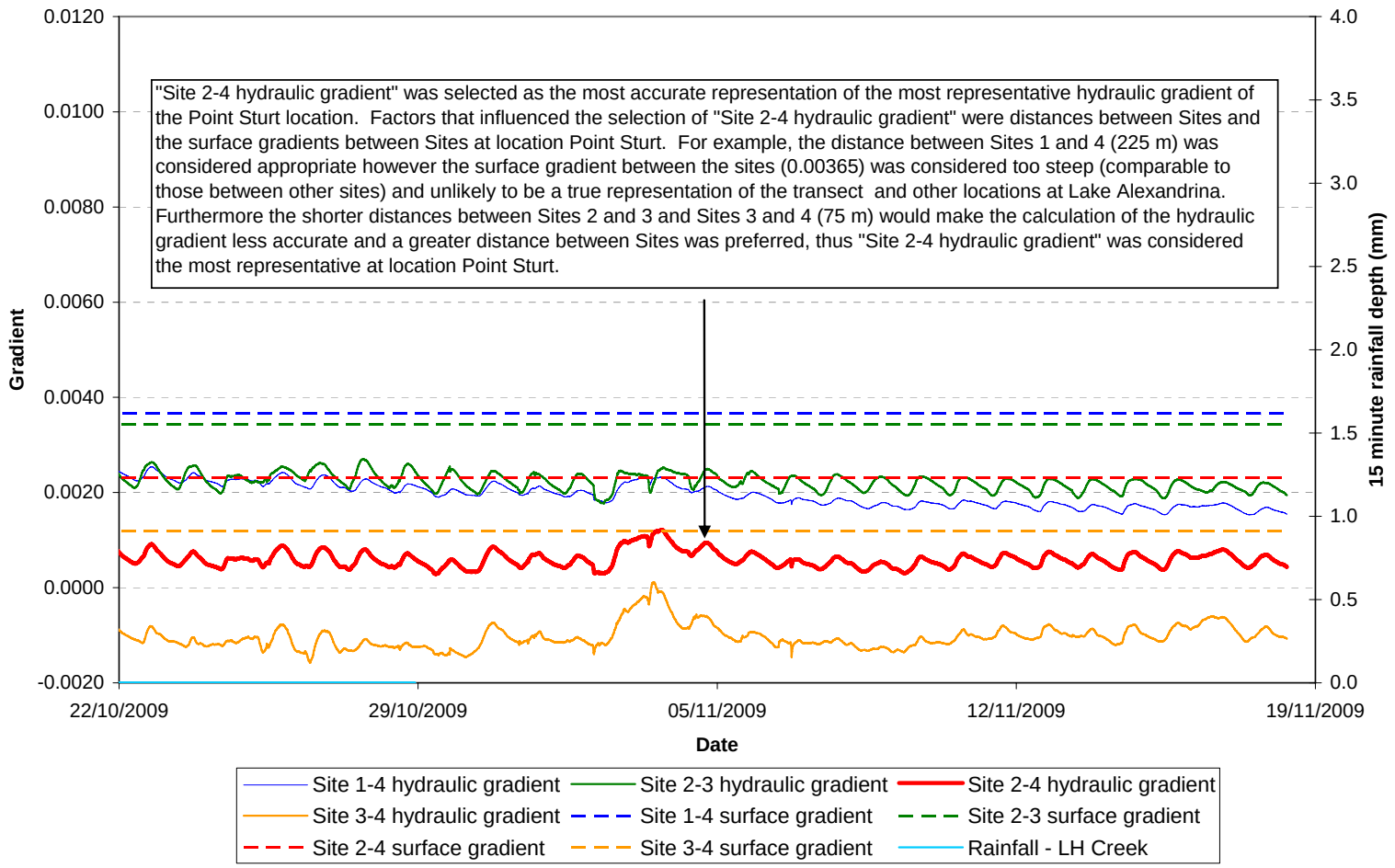


Figure 3: Campbell Park Hydraulic Gradient and Surface Gradient (28/08/2009 - 17/11/2009)

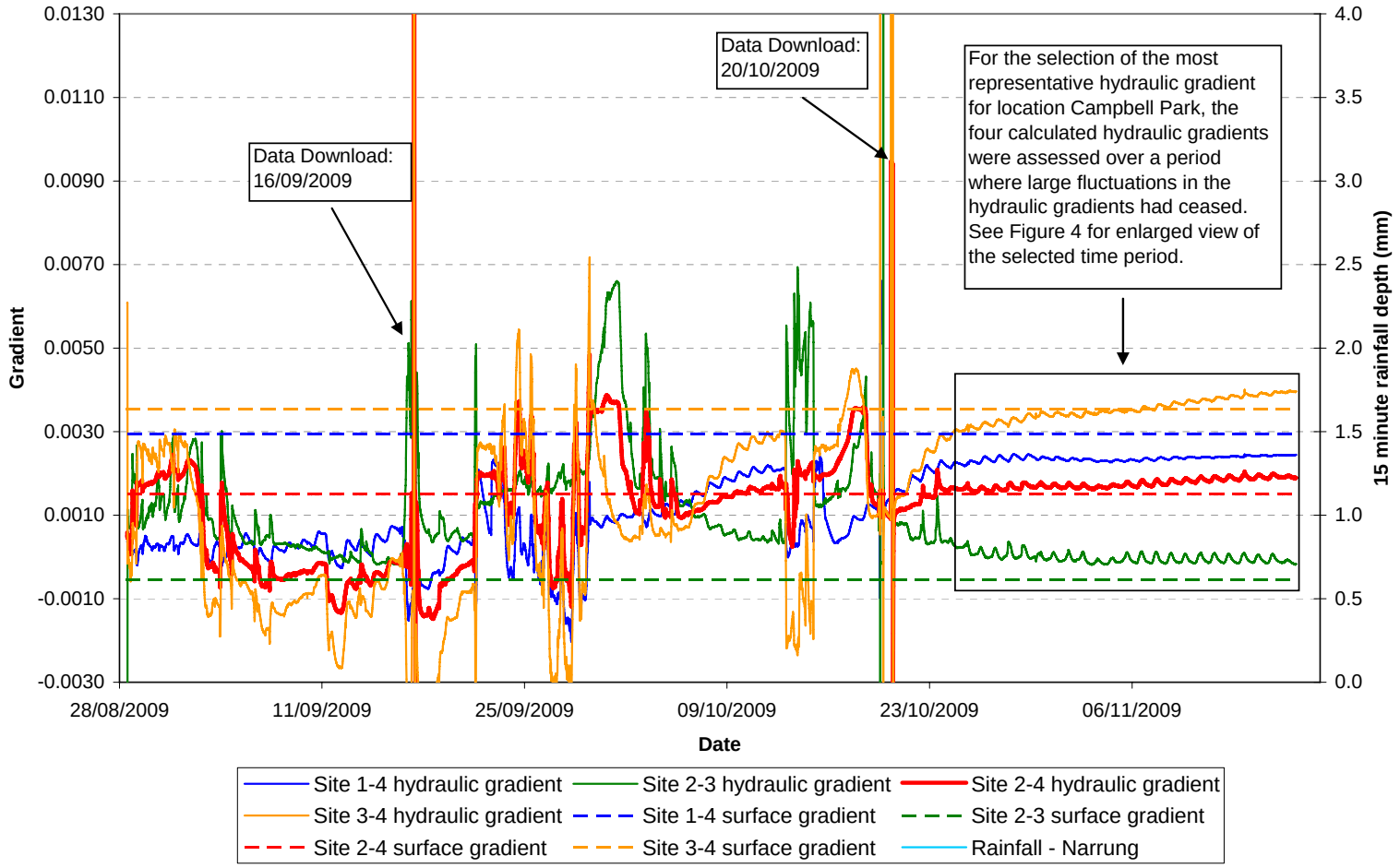


Figure 4: Campbell Park Hydraulic Gradient and Surface Gradient (28/08/2009 - 17/11/2009)

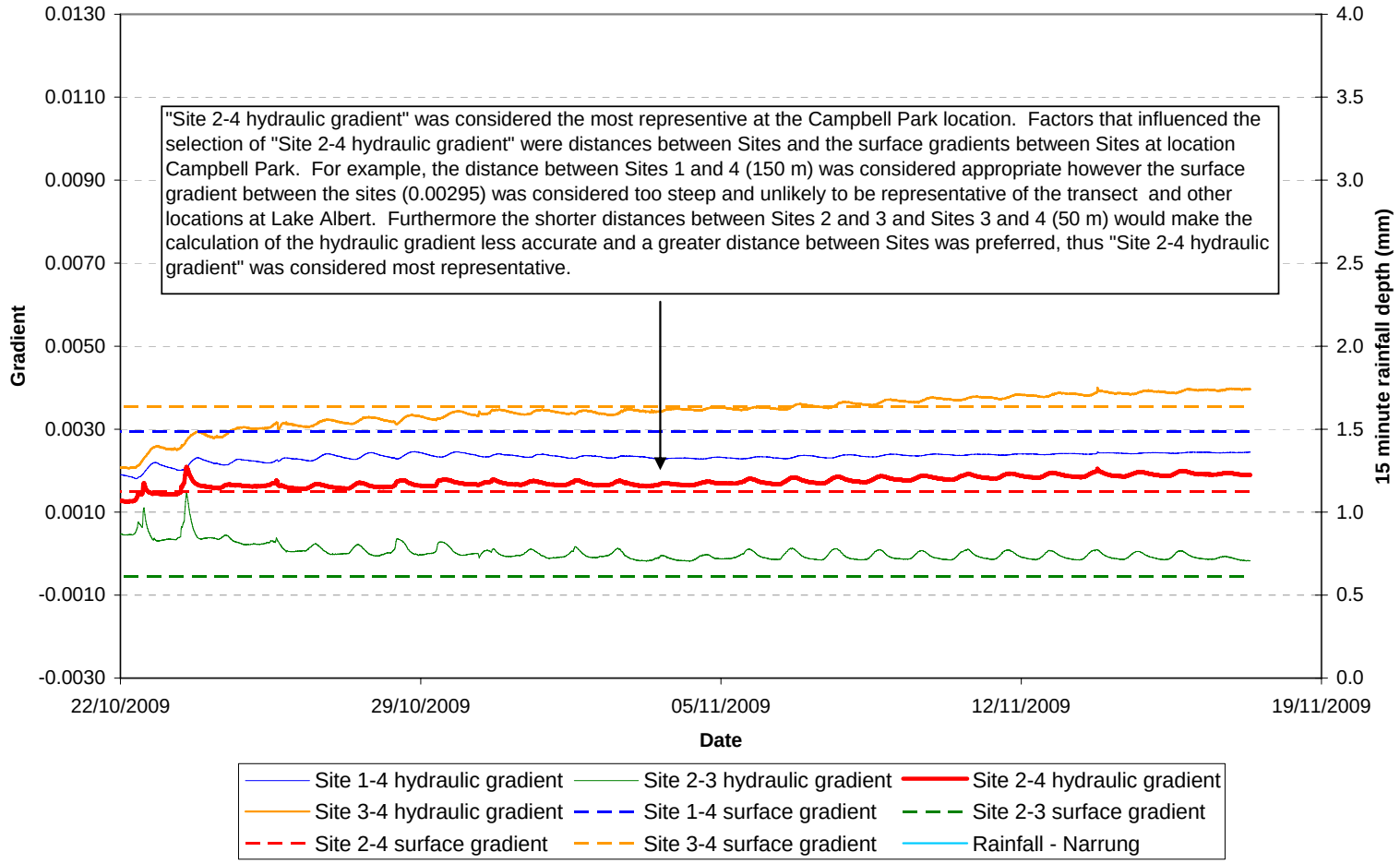


Figure 5: Windmill Hydraulic Gradient and Surface Gradient (29/08/2009 - 16/11/2009)

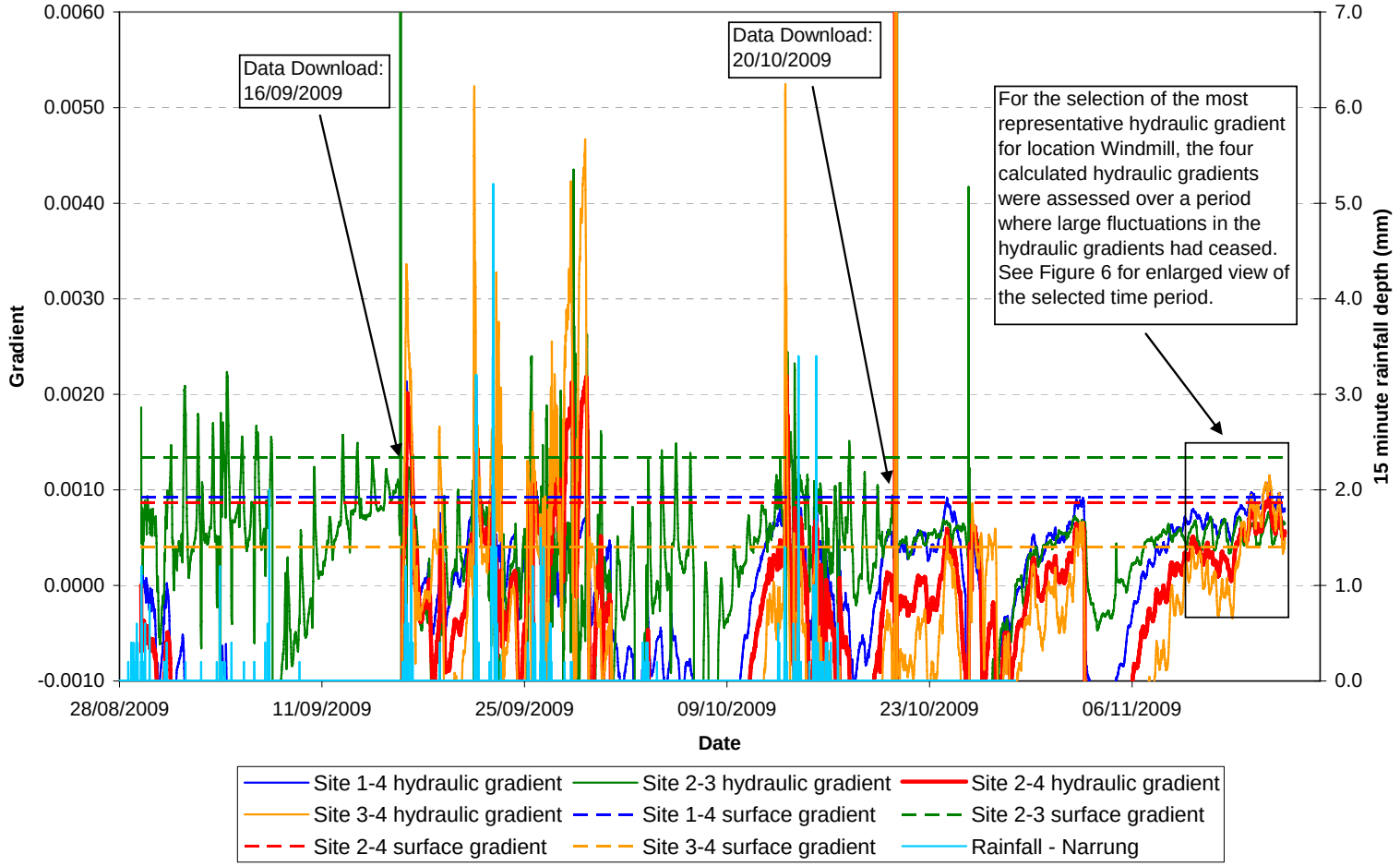
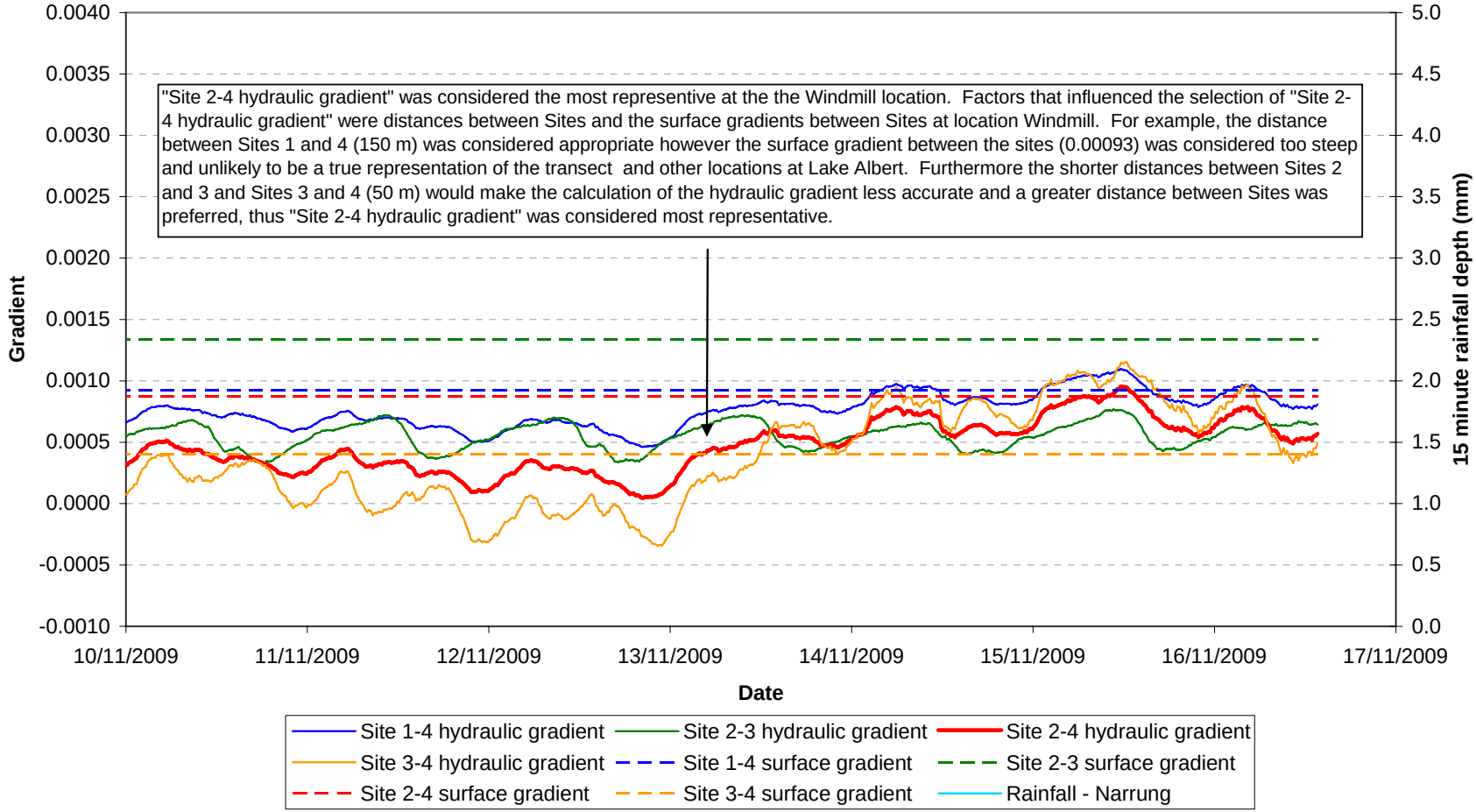


Figure 6: Windmill Hydraulic Gradient and Surface Gradient (29/08/2009 - 16/11/2009)



Attachment M:

Groundwater quality laboratory data – Currency Creek, Lake Alexandrina and Lake Albert

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

Environmental Division

CERTIFICATE OF ANALYSIS

Work Order	: **EM0904034**	Page	: 1 of 4
Client	: **EARTH SYSTEMS PTY LTD**	Laboratory	: Environmental Division Melbourne
Contact	: MS SOPHIE PAPE	Contact	: Steven McGrath
Address	: SUITE 507 1 PRINCESS STREET KEW VIC, AUSTRALIA 3101	Address	: 4 Westall Rd Springvale VIC Australia 3171
E-mail	: sophie.pape@earthsystems.com.au	E-mail	: steven.mcgrath@alsenviro.com
Telephone	: +61 92059515	Telephone	: +61-3-8549 9600
Facsimile	: +61 03 92059519	Facsimile	: +61-3-8549 9601
Project	: RSSA0823	QC Level	: NEPM 1999 Schedule B(3) and ALS QCS3 requirement
Order number	: ----		
C-O-C number	: ----	Date Samples Received	: 06-MAY-2009
Sampler	: Sophie Pape	Issue Date	: 13-MAY-2009
Site	: ----		
		No. of samples received	: 3
Quote number	: ME/194/08	No. of samples analysed	: 3

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results

NATA Accredited Laboratory 825

This document is issued in accordance with NATA accreditation requirements.

Accredited for compliance with ISO/IEC 17025.

Signatories

This document has been electronically signed by the authorized signatories indicated below. Electronic signing has been carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	*Position*	*Accreditation Category*
Herman Lin	Senior Inorganic Chemist	Inorganics
Snezana Vanovac	Laboratory Technician	Inorganics

General Comments

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insuffient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for processing purposes. If the sampling time is displayed as 0:00 the information was not provided by client.

Key : CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
LOR = Limit of reporting
^ = This result is computed from individual analyte detections at or above the level of reporting

- **ED045: EM0904034 #3 matrix-spike for chloride failed due to the sample matrix.**
- **EG005F: EM0904043-003 has been diluted and LORs have been raised accordingly.**
- **EK067G: LOR has been raised for Total Phosphorus as P.**

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Client sample ID: UCC-P1	LCC-P2	UCC-P3	----	----
				Client sampling date / time: 02-MAY-2009 11:15	02-MAY-2009 10:00	02-MAY-2009 14:30	----	----
				EM0904034-001	EM0904034-002	EM0904034-003	----	----
EA005: pH								
pH Value	----	0.01	pH Unit	**6.68**	**3.07**	**7.05**	----	----
EA010: Conductivity								
Electrical Conductivity @ 25°C	----	1	µS/cm	**11100**	**8840**	**22300**	----	----
ED038A: Acidity								
Acidity as CaCO3	----	1	mg/L	**50**	**1470**	**55**	----	----
ED040F: Dissolved Major Anions								
Sulfate as SO4 2-	14808-79-8	1	mg/L	**1840**	**3240**	**2500**	----	----
ED045P: Chloride by PC Titrator								
Chloride	16887-00-6	1	mg/L	**2490**	**1380**	**5290**	----	----
ED093F: Dissolved Major Cations								
Calcium	7440-70-2	1	mg/L	**292**	**374**	**263**	----	----
Magnesium	7439-95-4	1	mg/L	**248**	**271**	**503**	----	----
Sodium	7440-23-5	1	mg/L	**1830**	**740**	**3780**	----	----
Potassium	7440-09-7	1	mg/L	**99**	**73**	**151**	----	----
EG005F: Dissolved Metals by ICP-AES								
Iron	7439-89-6	0.01	mg/L	----	----	<0.10	----	----
EG005T: Total Metals by ICP-AES								
Iron	7439-89-6	0.01	mg/L	**15.8**	**249**	----	----	----
EG020F: Dissolved Metals by ICP-MS								
Aluminium	7429-90-5	0.01	mg/L	----	----	<0.01	----	----
Arsenic	7440-38-2	0.001	mg/L	----	----	**0.003**	----	----
Copper	7440-50-8	0.001	mg/L	----	----	**0.008**	----	----
Lead	7439-92-1	0.001	mg/L	----	----	<0.001	----	----
Manganese	7439-96-5	0.001	mg/L	----	----	**1.48**	----	----
Zinc	7440-66-6	0.005	mg/L	----	----	<0.005	----	----
EG020T: Total Metals by ICP-MS								
Aluminium	7429-90-5	0.01	mg/L	**1.87**	**111**	----	----	----
Arsenic	7440-38-2	0.001	mg/L	**0.007**	**0.024**	----	----	----
Copper	7440-50-8	0.001	mg/L	**0.011**	**0.101**	----	----	----
Lead	7439-92-1	0.001	mg/L	**0.177**	**0.142**	----	----	----
Manganese	7439-96-5	0.001	mg/L	**0.334**	**5.58**	----	----	----
Zinc	7440-66-6	0.005	mg/L	**0.078**	**0.857**	----	----	----
EK059G: NOX as N by Discrete Analyser								
Nitrite + Nitrate as N	----	0.01	mg/L	**1.87**	**0.07**	**0.19**	----	----
EK061: Total Kjeldahl Nitrogen (TKN)								
Total Kjeldahl Nitrogen as N	----	0.1	mg/L	**4.2**	**0.8**	**8.3**	----	----

Analytical Results

Sub-Matrix: WATER			Client sample ID	UCC-P1	LCC-P2	UCC-P3	----	----
			Client sampling date / time	02-MAY-2009 11:15	02-MAY-2009 10:00	02-MAY-2009 14:30	----	----
Compound	CAS Number	LOR	Unit	EM0904034-001	EM0904034-002	EM0904034-003	----	----
EK062: Total Nitrogen as N								
^ Total Nitrogen as N	----	0.1	mg/L	**6.1**	**0.9**	**8.5**	----	----
EK067G: Total Phosphorus as P by Discrete Analyser								
Total Phosphorus as P	----	0.01	mg/L	**0.48**	**1.34**	**0.64**	----	----

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

Environmental Division

CERTIFICATE OF ANALYSIS

Work Order	: **EM0908285**	Page	: 1 of 9
Amendment	: **1**		
Client	: **EARTH SYSTEMS PTY LTD**	Laboratory	: Environmental Division Melbourne
Contact	: MS SOPHIE PAPE	Contact	: Steven McGrath
Address	: SUITE 507 1 PRINCESS STREET KEW VIC, AUSTRALIA 3101	Address	: 4 Westall Rd Springvale VIC Australia 3171
E-mail	: sophie.pape@earthsystems.com.au	E-mail	: steven.mcgrath@alsenviro.com
Telephone	: +61 92059515	Telephone	: +61-3-8549 9600
Facsimile	: +61 03 92059519	Facsimile	: +61-3-8549 9601
Project	: RSSA0823	QC Level	: NEPM 1999 Schedule B(3) and ALS QCS3 requirement
Order number	: ----		
C-O-C number	: ----	Date Samples Received	: 01-SEP-2009
Sampler	: SP	Issue Date	: 29-SEP-2009
Site	: ----		
		No. of samples received	: 28
Quote number	: ----	No. of samples analysed	: 28

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results

NATA Accredited Laboratory 825

This document is issued in accordance with NATA accreditation requirements.

Accredited for compliance with ISO/IEC 17025.

Signatories

This document has been electronically signed by the authorized signatories indicated below. Electronic signing has been carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	*Position*	*Accreditation Category*
Herman Lin	Senior Inorganic Chemist	Inorganics
Snezana Vanovac	Laboratory Technician	Inorganics
Terrance Hettipathirana	Team Leader - Metals	Inorganics

General Comments

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

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Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for processing purposes. If the sampling time is displayed as 0:00 the information was not provided by client.

Key : CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
LOR = Limit of reporting
^ = This result is computed from individual analyte detections at or above the level of reporting

- **29/9/09: This report has been amended following the change to sampling dates as per the COC.**

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Client sample ID: UCC-P1	UCC-P2	UCC-P3	CP-1S	CP-1D
				Client sampling date / time: 19-AUG-2009 15:00	19-AUG-2009 15:00	19-AUG-2009 15:00	26-AUG-2009 15:00	26-AUG-2009 15:00
				EM0908285-001	EM0908285-002	EM0908285-003	EM0908285-004	EM0908285-005
EA005: pH								
pH Value	----	0.01	pH Unit	6.70	2.91	5.60	6.41	6.89
EA010: Conductivity								
Electrical Conductivity @ 25°C	----	1	µS/cm	10800	9500	21900	16100	43800
ED038A: Acidity								
Acidity as CaCO3	----	1	mg/L	10	1800	176	88	85
ED040F: Dissolved Major Anions								
Sulfate as SO4 2-	14808-79-8	1	mg/L	1900	3760	5570	1830	2810
ED045P: Chloride by PC Titrator								
Chloride	16887-00-6	1	mg/L	2010	805	5130	3520	10700
ED093F: Dissolved Major Cations								
Calcium	7440-70-2	1	mg/L	265	412	606	306	592
Magnesium	7439-95-4	1	mg/L	236	302	928	409	992
Sodium	7440-23-5	1	mg/L	1600	774	3600	2570	8540
Potassium	7440-09-7	1	mg/L	111	48	162	84	214
EG020F: Dissolved Metals by ICP-MS								
Aluminium	7429-90-5	0.01	mg/L	0.37	84.1	1.26	0.37	0.07
Arsenic	7440-38-2	0.001	mg/L	0.007	0.019	0.007	0.001	0.001
Cadmium	7440-43-9	0.0001	mg/L	0.0003	0.0027	0.0006	0.0001	0.0002
Copper	7440-50-8	0.001	mg/L	0.005	0.075	0.011	0.005	0.007
Lead	7439-92-1	0.001	mg/L	0.003	0.011	0.005	<0.001	<0.001
Manganese	7439-96-5	0.001	mg/L	0.264	5.08	5.92	5.17	0.779
Nickel	7440-02-0	0.001	mg/L	0.016	0.494	0.033	0.058	0.005
Selenium	7782-49-2	0.01	mg/L	<0.01	0.01	<0.01	<0.01	<0.01
Zinc	7440-66-6	0.005	mg/L	0.037	0.562	0.045	0.046	0.009
Iron	7439-89-6	0.05	mg/L	3.35	288	77.6	15.8	<0.05
EK059G: NOX as N by Discrete Analyser								
Nitrite + Nitrate as N	----	0.01	mg/L	2.82	0.33	0.15	0.02	0.03
EK061: Total Kjeldahl Nitrogen (TKN)								
Total Kjeldahl Nitrogen as N	----	0.1	mg/L	0.8	3.0	7.2	2.3	9.1
EK062: Total Nitrogen as N								
^ Total Nitrogen as N	----	0.1	mg/L	3.7	3.3	7.4	2.4	9.1
EK067G: Total Phosphorus as P by Discrete Analyser								
Total Phosphorus as P	----	0.01	mg/L	0.19	1.42	0.05	0.18	1.15

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Client sample ID: CP-2S Client sampling date / time: 26-AUG-2009 15:00 EM0908285-006	CP-2D 26-AUG-2009 15:00 EM0908285-007	CP-3S 26-AUG-2009 15:00 EM0908285-008	CP-3D 26-AUG-2009 15:00 EM0908285-009	CP-4S 26-AUG-2009 15:00 EM0908285-010
EA005: pH								
pH Value	----	0.01	pH Unit	3.29	6.93	3.26	7.06	3.14
EA010: Conductivity								
Electrical Conductivity @ 25°C	----	1	µS/cm	30500	51500	17600	32100	15300
ED038A: Acidity								
Acidity as CaCO3	----	1	mg/L	1580	85	502	120	1080
ED040F: Dissolved Major Anions								
Sulfate as SO4 2-	14808-79-8	1	mg/L	5410	3650	3420	1700	5840
ED045P: Chloride by PC Titrator								
Chloride	16887-00-6	1	mg/L	8440	17400	2970	10500	2580
ED093F: Dissolved Major Cations								
Calcium	7440-70-2	1	mg/L	494	677	346	512	603
Magnesium	7439-95-4	1	mg/L	920	821	598	790	839
Sodium	7440-23-5	1	mg/L	4970	11000	2670	6050	1840
Potassium	7440-09-7	1	mg/L	186	209	133	189	145
EG020F: Dissolved Metals by ICP-MS								
Aluminium	7429-90-5	0.01	mg/L	90.0	2.36	23.7	1.40	52.9
Arsenic	7440-38-2	0.001	mg/L	0.007	0.001	0.003	0.005	0.003
Cadmium	7440-43-9	0.0001	mg/L	0.0032	0.0002	0.0008	0.0002	0.0046
Copper	7440-50-8	0.001	mg/L	0.059	0.008	0.013	0.006	0.104
Lead	7439-92-1	0.001	mg/L	0.038	<0.001	0.017	0.001	0.047
Manganese	7439-96-5	0.001	mg/L	13.0	1.84	4.77	1.53	10.2
Nickel	7440-02-0	0.001	mg/L	1.48	0.049	0.446	0.025	0.721
Selenium	7782-49-2	0.01	mg/L	<0.01	<0.01	<0.01	<0.01	0.01
Zinc	7440-66-6	0.005	mg/L	0.678	0.025	0.385	0.022	0.339
Iron	7439-89-6	0.05	mg/L	287	9.27	99.7	1.69	53.6
EK059G: NOX as N by Discrete Analyser								
Nitrite + Nitrate as N	----	0.01	mg/L	0.18	0.02	0.10	0.03	0.10
EK061: Total Kjeldahl Nitrogen (TKN)								
Total Kjeldahl Nitrogen as N	----	0.1	mg/L	4.5	8.9	3.1	9.9	3.2
EK062: Total Nitrogen as N								
^ Total Nitrogen as N	----	0.1	mg/L	4.6	8.9	3.2	10.0	3.3
EK067G: Total Phosphorus as P by Discrete Analyser								
Total Phosphorus as P	----	0.01	mg/L	0.17	0.65	0.67	1.60	0.13

Analytical Results

Sub-Matrix: WATER				Client sample ID	CP-4M	CP-4D	WM-1S	WM-1D	WM-2S
				Client sampling date / time	26-AUG-2009 15:00	26-AUG-2009 15:00	28-AUG-2009 15:00	28-AUG-2009 15:00	28-AUG-2009 15:00
Compound	CAS Number	LOR	Unit		EM0908285-011	EM0908285-012	EM0908285-013	EM0908285-014	EM0908285-015
EA005: pH									
pH Value	----	0.01	pH Unit		7.07	6.94	7.08	6.97	7.02
EA010: Conductivity									
Electrical Conductivity @ 25°C	----	1	µS/cm		15400	22300	31500	31400	30100
ED038A: Acidity									
Acidity as CaCO3	----	1	mg/L		70	100	55	55	60
ED040F: Dissolved Major Anions									
Sulfate as SO4 2-	14808-79-8	1	mg/L		510	655	1750	1660	1600
ED045P: Chloride by PC Titrator									
Chloride	16887-00-6	1	mg/L		4550	7140	9430	10400	9340
ED093F: Dissolved Major Cations									
Calcium	7440-70-2	1	mg/L		233	407	390	420	413
Magnesium	7439-95-4	1	mg/L		296	549	707	655	754
Sodium	7440-23-5	1	mg/L		2590	3660	5840	6200	5860
Potassium	7440-09-7	1	mg/L		70	76	169	126	119
EG020F: Dissolved Metals by ICP-MS									
Aluminium	7429-90-5	0.01	mg/L		0.20	0.09	0.11	0.20	0.11
Arsenic	7440-38-2	0.001	mg/L		0.011	0.012	0.001	0.020	0.001
Cadmium	7440-43-9	0.0001	mg/L		0.0002	0.0003	0.0003	<0.0001	<0.0001
Copper	7440-50-8	0.001	mg/L		0.002	0.003	0.005	0.005	0.004
Lead	7439-92-1	0.001	mg/L		<0.001	<0.001	<0.001	0.001	<0.001
Manganese	7439-96-5	0.001	mg/L		0.721	0.176	0.628	1.89	0.898
Nickel	7440-02-0	0.001	mg/L		0.002	<0.001	0.004	0.007	0.004
Selenium	7782-49-2	0.01	mg/L		<0.01	<0.01	<0.01	<0.01	<0.01
Zinc	7440-66-6	0.005	mg/L		0.008	0.009	0.012	0.011	0.016
Iron	7439-89-6	0.05	mg/L		0.13	4.38	1.58	4.26	0.54
EK059G: NOX as N by Discrete Analyser									
Nitrite + Nitrate as N	----	0.01	mg/L		0.02	0.03	0.02	0.02	0.02
EK061: Total Kjeldahl Nitrogen (TKN)									
Total Kjeldahl Nitrogen as N	----	0.1	mg/L		5.1	5.5	3.0	3.7	6.6
EK062: Total Nitrogen as N									
^ Total Nitrogen as N	----	0.1	mg/L		5.2	5.5	3.0	3.7	6.6
EK067G: Total Phosphorus as P by Discrete Analyser									
Total Phosphorus as P	----	0.01	mg/L		0.76	0.20	0.68	0.16	1.09

Analytical Results

Sub-Matrix: WATER				Client sample ID	WM-3S	WM-4S	WM-4D	WM-5S	PS-1S
				Client sampling date / time	28-AUG-2009 15:00	28-AUG-2009 15:00	28-AUG-2009 15:00	28-AUG-2009 15:00	29-AUG-2009 15:00
Compound	CAS Number	LOR	Unit		EM0908285-016	EM0908285-017	EM0908285-018	EM0908285-019	EM0908285-020
EA005: pH									
pH Value	----	0.01	pH Unit		7.33	6.98	6.65	6.63	6.00
EA010: Conductivity									
Electrical Conductivity @ 25°C	----	1	µS/cm		18100	12900	30500	30400	5650
ED038A: Acidity									
Acidity as CaCO3	----	1	mg/L		95	130	100	100	50
ED040F: Dissolved Major Anions									
Sulfate as SO4 2-	14808-79-8	1	mg/L		216	90	1300	1290	2600
ED045P: Chloride by PC Titrator									
Chloride	16887-00-6	1	mg/L		5850	3000	10000	10400	268
ED093F: Dissolved Major Cations									
Calcium	7440-70-2	1	mg/L		417	311	756	762	230
Magnesium	7439-95-4	1	mg/L		553	444	963	960	238
Sodium	7440-23-5	1	mg/L		2710	1450	4400	4370	713
Potassium	7440-09-7	1	mg/L		55	50	88	87	64
EG020F: Dissolved Metals by ICP-MS									
Aluminium	7429-90-5	0.01	mg/L		0.23	0.05	0.01	0.01	0.28
Arsenic	7440-38-2	0.001	mg/L		<0.001	0.002	0.012	0.012	0.001
Cadmium	7440-43-9	0.0001	mg/L		<0.0001	<0.0001	<0.0001	<0.0001	0.0002
Copper	7440-50-8	0.001	mg/L		0.002	0.002	0.004	0.004	0.006
Lead	7439-92-1	0.001	mg/L		<0.001	<0.001	<0.001	<0.001	0.002
Manganese	7439-96-5	0.001	mg/L		1.16	6.32	2.41	2.22	9.03
Nickel	7440-02-0	0.001	mg/L		0.001	0.006	0.002	0.004	0.222
Selenium	7782-49-2	0.01	mg/L		<0.01	<0.01	<0.01	<0.01	<0.01
Zinc	7440-66-6	0.005	mg/L		0.006	0.006	0.010	0.012	0.116
Iron	7439-89-6	0.05	mg/L		2.62	0.41	17.1	18.2	6.17
EK059G: NOX as N by Discrete Analyser									
Nitrite + Nitrate as N	----	0.01	mg/L		0.02	0.02	0.01	0.01	0.02
EK061: Total Kjeldahl Nitrogen (TKN)									
Total Kjeldahl Nitrogen as N	----	0.1	mg/L		14.6	47.0	13.0	13.0	<0.1
EK062: Total Nitrogen as N									
^ Total Nitrogen as N	----	0.1	mg/L		14.6	47.0	13.0	13.0	<0.1
EK067G: Total Phosphorus as P by Discrete Analyser									
Total Phosphorus as P	----	0.01	mg/L		2.30	1.54	0.23	0.22	0.15

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Client sample ID: PS-1D	PS-2S	PS-2D	PS-3S	PS-3D
				Client sampling date / time: 29-AUG-2009 15:00	29-AUG-2009 15:00	29-AUG-2009 15:00	29-AUG-2009 15:00	29-AUG-2009 15:00
				EM0908285-021	EM0908285-022	EM0908285-023	EM0908285-024	EM0908285-025
EA005: pH								
pH Value	----	0.01	pH Unit	7.66	3.54	7.48	7.18	7.25
EA010: Conductivity								
Electrical Conductivity @ 25°C	----	1	µS/cm	11400	8300	7760	4000	13700
ED038A: Acidity								
Acidity as CaCO3	----	1	mg/L	35	396	25	20	50
ED040F: Dissolved Major Anions								
Sulfate as SO4 2-	14808-79-8	1	mg/L	775	3210	294	609	384
ED045P: Chloride by PC Titrator								
Chloride	16887-00-6	1	mg/L	2440	1080	2060	772	4220
ED093F: Dissolved Major Cations								
Calcium	7440-70-2	1	mg/L	54	269	80	139	216
Magnesium	7439-95-4	1	mg/L	55	391	101	86	262
Sodium	7440-23-5	1	mg/L	2040	873	1240	497	2090
Potassium	7440-09-7	1	mg/L	52	71	43	28	59
EG020F: Dissolved Metals by ICP-MS								
Aluminium	7429-90-5	0.01	mg/L	0.08	23.6	0.75	0.10	0.03
Arsenic	7440-38-2	0.001	mg/L	0.046	0.004	0.020	0.004	0.007
Cadmium	7440-43-9	0.0001	mg/L	0.0004	0.0002	0.0017	<0.0001	0.0004
Copper	7440-50-8	0.001	mg/L	0.002	0.010	0.002	0.002	0.002
Lead	7439-92-1	0.001	mg/L	<0.001	0.009	<0.001	<0.001	<0.001
Manganese	7439-96-5	0.001	mg/L	0.287	20.9	0.838	2.10	0.458
Nickel	7440-02-0	0.001	mg/L	0.013	0.185	0.008	0.002	0.004
Selenium	7782-49-2	0.01	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Zinc	7440-66-6	0.005	mg/L	0.008	0.287	0.010	<0.005	0.006
Iron	7439-89-6	0.05	mg/L	0.13	50.2	1.39	0.32	<0.05
EK059G: NOX as N by Discrete Analyser								
Nitrite + Nitrate as N	----	0.01	mg/L	<0.01	0.04	<0.01	0.13	0.02
EK061: Total Kjeldahl Nitrogen (TKN)								
Total Kjeldahl Nitrogen as N	----	0.1	mg/L	1.0	2.4	2.2	4.6	7.1
EK062: Total Nitrogen as N								
^ Total Nitrogen as N	----	0.1	mg/L	1.0	2.4	2.2	4.7	7.2
EK067G: Total Phosphorus as P by Discrete Analyser								
Total Phosphorus as P	----	0.01	mg/L	0.18	0.23	0.49	0.53	1.83

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Client sample ID: PS-4S	PS-4D	PS-5S	----	----
				Client sampling date / time: 29-AUG-2009 15:00	29-AUG-2009 15:00	29-AUG-2009 15:00	----	----
				EM0908285-026	EM0908285-027	EM0908285-028	----	----
EA005: pH								
pH Value	----	0.01	pH Unit	**6.95**	**7.16**	**6.95**	----	----
EA010: Conductivity								
Electrical Conductivity @ 25°C	----	1	µS/cm	**6100**	**6060**	**6100**	----	----
ED038A: Acidity								
Acidity as CaCO3	----	1	mg/L	**35**	**60**	**40**	----	----
ED040F: Dissolved Major Anions								
Sulfate as SO4 2-	14808-79-8	1	mg/L	**480**	**339**	**518**	----	----
ED045P: Chloride by PC Titrator								
Chloride	16887-00-6	1	mg/L	**988**	**877**	**1020**	----	----
ED093F: Dissolved Major Cations								
Calcium	7440-70-2	1	mg/L	**140**	**110**	**142**	----	----
Magnesium	7439-95-4	1	mg/L	**100**	**114**	**102**	----	----
Sodium	7440-23-5	1	mg/L	**939**	**921**	**906**	----	----
Potassium	7440-09-7	1	mg/L	**34**	**32**	**38**	----	----
EG020F: Dissolved Metals by ICP-MS								
Aluminium	7429-90-5	0.01	mg/L	**0.06**	**0.05**	<0.01	----	----
Arsenic	7440-38-2	0.001	mg/L	**0.009**	**0.030**	**0.013**	----	----
Cadmium	7440-43-9	0.0001	mg/L	**0.0001**	**0.0001**	**0.0002**	----	----
Copper	7440-50-8	0.001	mg/L	**0.005**	**0.007**	**0.002**	----	----
Lead	7439-92-1	0.001	mg/L	<0.001	<0.001	<0.001	----	----
Manganese	7439-96-5	0.001	mg/L	**2.76**	**1.29**	**2.74**	----	----
Nickel	7440-02-0	0.001	mg/L	**0.003**	**0.002**	**0.003**	----	----
Selenium	7782-49-2	0.01	mg/L	<0.01	<0.01	<0.01	----	----
Zinc	7440-66-6	0.005	mg/L	**0.008**	**0.008**	**0.022**	----	----
Iron	7439-89-6	0.05	mg/L	**10.3**	**2.33**	**11.7**	----	----
EK059G: NOX as N by Discrete Analyser								
Nitrite + Nitrate as N	----	0.01	mg/L	<0.01	<0.01	**0.04**	----	----
EK061: Total Kjeldahl Nitrogen (TKN)								
Total Kjeldahl Nitrogen as N	----	0.1	mg/L	**17.7**	**14.5**	**14.3**	----	----
EK062: Total Nitrogen as N								
^ Total Nitrogen as N	----	0.1	mg/L	**17.7**	**14.5**	**14.3**	----	----
EK067G: Total Phosphorus as P by Discrete Analyser								
Total Phosphorus as P	----	0.01	mg/L	**1.02**	**0.60**	**1.12**	----	----

CERTIFICATE OF ANALYSIS

Work Order	: **EM0908624**	Page	: 1 of 6
Client	: **EARTH SYSTEMS PTY LTD**	Laboratory	: Environmental Division Melbourne
Contact	: MS SOPHIE PAPE	Contact	: Steven McGrath
Address	: SUITE 507 1 PRINCESS STREET KEW VIC, AUSTRALIA 3101	Address	: 4 Westall Rd Springvale VIC Australia 3171
E-mail	: sophie.pape@earthsystems.com.au	E-mail	: steven.mcgrath@alsenviro.com
Telephone	: +61 92059515	Telephone	: +61-3-8549 9600
Facsimile	: +61 03 92059519	Facsimile	: +61-3-8549 9601
Project	: RSSA0823 REBATCH EM0908285	QC Level	: NEPM 1999 Schedule B(3) and ALS QCS3 requirement
Order number	: ----		
C-O-C number	: ----	Date Samples Received	: 08-SEP-2009
Sampler	: ----	Issue Date	: 14-SEP-2009
Site	: ----		
		No. of samples received	: 20
Quote number	: ----	No. of samples analysed	: 20

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results

NATA Accredited Laboratory 825

This document is issued in accordance with NATA accreditation requirements.

Accredited for compliance with ISO/IEC 17025.

Signatories

This document has been electronically signed by the authorized signatories indicated below. Electronic signing has been carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	*Position*	*Accreditation Category*
Dilani Fernando	Senior Inorganic Instrument Chemist	Inorganics

General Comments

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insuffient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for processing purposes. If the sampling time is displayed as 0:00 the information was not provided by client.

Key : CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
LOR = Limit of reporting
^ = This result is computed from individual analyte detections at or above the level of reporting

- **EP037-P: Alkalinity analysis on sample #1 was performed by diluting the sample with de-ionised water prior to analysis as requested by the client due to insufficient sample volume provided for standard analysis. Results should be scruntised accordingly.**

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Client sample ID: UCC-P1	CP-1S	CP-1D	CP-2D	CP-4M
				Client sampling date / time: 19-AUG-2009 13:30	26-AUG-2009 10:40	26-AUG-2009 11:45	26-AUG-2009 12:45	26-AUG-2009 16:10
				EM0908624-001	EM0908624-002	EM0908624-003	EM0908624-004	EM0908624-005
ED037P: Alkalinity by PC Titrator								
Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	<1	<1	<1	<1	<1
Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	<1	<1	<1	<1	<1
Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	**165**	**118**	**515**	**495**	**746**
Total Alkalinity as CaCO3	----	1	mg/L	**165**	**118**	**515**	**495**	**746**

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Client sample ID: CP-4D	WM-1S	WM-1D	WM-2S	WM-3S
				Client sampling date / time: 26-AUG-2009 15:15	28-AUG-2009 14:45	28-AUG-2009 15:10	28-AUG-2009 15:30	28-AUG-2009 15:45
				EM0908624-006	EM0908624-007	EM0908624-008	EM0908624-009	EM0908624-010
ED037P: Alkalinity by PC Titrator								
Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	<1	<1	<1	<1	<1
Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	<1	<1	<1	<1	<1
Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	**674**	**494**	**441**	**582**	**1050**
Total Alkalinity as CaCO3	----	1	mg/L	**674**	**494**	**441**	**582**	**1050**

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Client sample ID: WM-4D Client sampling date / time: 28-AUG-2009 16:20 EM0908624-011	Client sample ID: WM-5S Client sampling date / time: 28-AUG-2009 16:50 EM0908624-012	Client sample ID: PS-1S Client sampling date / time: 29-AUG-2009 14:50 EM0908624-013	Client sample ID: PS-1D Client sampling date / time: 29-AUG-2009 15:00 EM0908624-014	Client sample ID: PS-2D Client sampling date / time: 29-AUG-2009 15:40 EM0908624-015
ED037P: Alkalinity by PC Titrator								
Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	<1	<1	<1	<1	<1
Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	<1	<1	<1	<1	<1
Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	**392**	**401**	**76**	**715**	**552**
Total Alkalinity as CaCO3	----	1	mg/L	**392**	**401**	**76**	**715**	**552**

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Client sample ID: PS-3S Client sampling date / time: 29-AUG-2009 16:20 EM0908624-016	PS-3D 29-AUG-2009 17:20 EM0908624-017	PS-4S 29-AUG-2009 16:45 EM0908624-018	PS-4D 29-AUG-2009 17:00 EM0908624-019	PS-5S 29-AUG-2009 17:15 EM0908624-020
ED037P: Alkalinity by PC Titrator								
Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	<1	<1	<1	<1	<1
Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	<1	<1	<1	<1	<1
Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	**216**	**501**	**272**	**626**	**262**
Total Alkalinity as CaCO3	----	1	mg/L	**216**	**501**	**272**	**626**	**262**

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

Environmental Division

CERTIFICATE OF ANALYSIS

Work Order	: **EM0909152**	Page	: 1 of 15
Amendment	: **2**		
Client	: **EARTH SYSTEMS PTY LTD**	Laboratory	: Environmental Division Melbourne
Contact	: MS SOPHIE PAPE	Contact	: Steven McGrath
Address	: SUITE 507 1 PRINCESS STREET KEW VIC, AUSTRALIA 3101	Address	: 4 Westall Rd Springvale VIC Australia 3171
E-mail	: sophie.pape@earthsystems.com.au	E-mail	: steven.mcgrath@alsenviro.com
Telephone	: +61 92059515	Telephone	: +61-3-8549 9600
Facsimile	: +61 03 92059519	Facsimile	: +61-3-8549 9601
Project	: RSSA0823	QC Level	: NEPM 1999 Schedule B(3) and ALS QCS3 requirement
Order number	: ----		
C-O-C number	: ----	Date Samples Received	: 21-SEP-2009
Sampler	: SP	Issue Date	: 30-SEP-2009
Site	: ----		
		No. of samples received	: 28
Quote number	: ME/194/08	No. of samples analysed	: 28

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results

NATA Accredited Laboratory 825

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Accredited for compliance with ISO/IEC 17025.

Signatories

This document has been electronically signed by the authorized signatories indicated below. Electronic signing has been carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	*Position*	*Accreditation Category*
Dilani Fernando	Senior Inorganic Instrument Chemist	Inorganics
Herman Lin	Senior Inorganic Chemist	Inorganics
Snezana Vanovac	Laboratory Technician	Inorganics

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The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

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Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for processing purposes. If the sampling time is displayed as 0:00 the information was not provided by client.

Key : CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
LOR = Limit of reporting
^ = This result is computed from individual analyte detections at or above the level of reporting

- **29/9/09: This report has been amended as a result of misinterpretation of sample identification numbers (IDs). All analysis results are as per the previous report**
- **ED038: EM0909152 #3 acidity result has been removed due to insufficient sample volume. (30/09/09)**
- **EK067G: LOR has been raised for Total Phosphorus as P.**
- **This report has been amended and re-released to allow the reporting of additional analytical data (acidity). (30/09/09)**

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Client sample ID: UCC-P 1	UCC-P 2	UCC-P 3	CP-1S	CP-1D
				Client sampling date / time: 14-SEP-2009 15:50	14-SEP-2009 17:21	14-SEP-2009 15:12	17-SEP-2009 11:20	17-SEP-2009 11:15
				EM0909152-001	EM0909152-002	EM0909152-003	EM0909152-004	EM0909152-005
EA005: pH								
pH Value	----	0.01	pH Unit	6.88	2.99	3.18	6.32	6.99
EA010: Conductivity								
Electrical Conductivity @ 25°C	----	1	µS/cm	11700	9000	23900	16400	43400
ED037P: Alkalinity by PC Titrator								
Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	<1	<1	<1	<1	<1
Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	<1	<1	<1	<1	<1
Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	297	<1	<1	82	485
Total Alkalinity as CaCO3	----	1	mg/L	297	<1	<1	82	485
ED038A: Acidity								
Acidity as CaCO3	----	1	mg/L	----	1160	----	57	----
ED040F: Dissolved Major Anions								
Sulfate as SO4 2-	14808-79-8	1	mg/L	1830	3660	5670	2120	2930
ED045P: Chloride by PC Titrator								
Chloride	16887-00-6	1	mg/L	3410	1300	6320	4670	16600
ED093F: Dissolved Major Cations								
Calcium	7440-70-2	1	mg/L	252	415	664	333	654
Magnesium	7439-95-4	1	mg/L	276	332	1100	489	1110
Sodium	7440-23-5	1	mg/L	2180	809	3970	2940	9080
Potassium	7440-09-7	1	mg/L	118	51	205	100	230
EG020T: Total Metals by ICP-MS								
Aluminium	7429-90-5	0.01	mg/L	1.45	69.0	14.4	13.8	11.4
Arsenic	7440-38-2	0.001	mg/L	0.005	0.020	0.009	0.014	0.017
Cadmium	7440-43-9	0.0001	mg/L	<0.0001	0.0016	0.0009	0.0002	<0.0001
Copper	7440-50-8	0.001	mg/L	0.005	0.066	0.016	0.021	0.011
Lead	7439-92-1	0.001	mg/L	0.003	0.023	0.021	0.024	0.009
Manganese	7439-96-5	0.001	mg/L	0.245	4.77	8.42	6.20	0.941
Nickel	7440-02-0	0.001	mg/L	0.012	0.368	0.071	0.111	0.018
Selenium	7782-49-2	0.01	mg/L	<0.01	0.01	<0.01	<0.01	<0.01
Zinc	7440-66-6	0.005	mg/L	0.010	0.541	0.038	0.110	0.023
Iron	7439-89-6	0.05	mg/L	3.87	290	120	31.4	10.1
EK059G: NOX as N by Discrete Analyser								
Nitrite + Nitrate as N	----	0.01	mg/L	1.46	0.17	0.35	0.03	0.02
EK061: Total Kjeldahl Nitrogen (TKN)								
Total Kjeldahl Nitrogen as N	----	0.1	mg/L	1.4	3.9	12.1	3.0	10.4
EK062: Total Nitrogen as N								
^ Total Nitrogen as N	----	0.1	mg/L	2.8	4.0	12.5	3.1	10.4

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Client sample ID: UCC-P 1	UCC-P 2	UCC-P 3	CP-1S	CP-1D
				Client sampling date / time: 14-SEP-2009 15:50	14-SEP-2009 17:21	14-SEP-2009 15:12	17-SEP-2009 11:20	17-SEP-2009 11:15
				EM0909152-001	EM0909152-002	EM0909152-003	EM0909152-004	EM0909152-005
EK067G: Total Phosphorus as P by Discrete Analyser								
Total Phosphorus as P	----	0.01	mg/L	**0.38**	**0.90**	**0.22**	**0.32**	**0.67**
EN055: Ionic Balance								
^ Total Anions	----	0.01	meq/L	**140**	**113**	**296**	**178**	**540**
^ Total Cations	----	0.01	meq/L	**133**	----	**301**	**188**	**525**
Total Cations	----	0.01	meq/L	----	**108**	----	----	----
^ Ionic Balance	----	0.01	%	**2.61**	----	**0.83**	**2.72**	**1.46**
Ionic Balance	----	0.01	%	----	**2.31**	----	----	----

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Client sample ID	CP-2S	CP-2D	CP-3S	CP-3D	CP-4S
				Client sampling date / time	17-SEP-2009 10:48	17-SEP-2009 10:40	17-SEP-2009 10:14	17-SEP-2009 10:00	17-SEP-2009 09:20
					EM0909152-006	EM0909152-007	EM0909152-008	EM0909152-009	EM0909152-010
EA005: pH									
pH Value	----	0.01	pH Unit		3.12	7.01	3.30	7.12	3.19
EA010: Conductivity									
Electrical Conductivity @ 25°C	----	1	µS/cm		29000	48500	18100	31900	14600
ED037P: Alkalinity by PC Titrator									
Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L		<1	<1	<1	<1	<1
Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L		<1	<1	<1	<1	<1
Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L		<1	488	<1	657	<1
Total Alkalinity as CaCO3	----	1	mg/L		<1	488	<1	657	<1
ED038A: Acidity									
Acidity as CaCO3	----	1	mg/L		1470	----	480	----	1360
ED040F: Dissolved Major Anions									
Sulfate as SO4 2-	14808-79-8	1	mg/L		5320	3200	3500	1850	6400
ED045P: Chloride by PC Titrator									
Chloride	16887-00-6	1	mg/L		8120	18900	4750	10200	2360
ED093F: Dissolved Major Cations									
Calcium	7440-70-2	1	mg/L		491	686	366	546	596
Magnesium	7439-95-4	1	mg/L		913	1080	649	760	849
Sodium	7440-23-5	1	mg/L		4990	9810	2930	6150	1760
Potassium	7440-09-7	1	mg/L		177	258	143	177	140
EG020T: Total Metals by ICP-MS									
Aluminium	7429-90-5	0.01	mg/L		99.7	17.0	29.2	19.5	105
Arsenic	7440-38-2	0.001	mg/L		0.012	0.035	0.007	0.030	0.011
Cadmium	7440-43-9	0.0001	mg/L		0.0022	0.0001	0.0004	0.0001	0.0060
Copper	7440-50-8	0.001	mg/L		0.055	0.015	0.018	0.016	0.172
Lead	7439-92-1	0.001	mg/L		0.043	0.017	0.020	0.019	0.039
Manganese	7439-96-5	0.001	mg/L		14.4	1.68	5.29	1.80	15.7
Nickel	7440-02-0	0.001	mg/L		1.45	0.027	0.431	0.037	1.14
Selenium	7782-49-2	0.01	mg/L		0.02	<0.01	<0.01	<0.01	0.02
Zinc	7440-66-6	0.005	mg/L		0.638	0.050	0.366	0.091	0.634
Iron	7439-89-6	0.05	mg/L		279	18.0	99.4	21.8	214
EK059G: NOX as N by Discrete Analyser									
Nitrite + Nitrate as N	----	0.01	mg/L		0.16	0.02	0.06	0.03	0.21
EK061: Total Kjeldahl Nitrogen (TKN)									
Total Kjeldahl Nitrogen as N	----	0.1	mg/L		6.0	13.2	2.3	11.0	3.9
EK062: Total Nitrogen as N									
^ Total Nitrogen as N	----	0.1	mg/L		6.1	13.3	2.4	11.0	4.1

Analytical Results

Sub-Matrix: WATER			Client sample ID	CP-2S	CP-2D	CP-3S	CP-3D	CP-4S
			Client sampling date / time	17-SEP-2009 10:48	17-SEP-2009 10:40	17-SEP-2009 10:14	17-SEP-2009 10:00	17-SEP-2009 09:20
Compound	CAS Number	LOR	Unit	EM0909152-006	EM0909152-007	EM0909152-008	EM0909152-009	EM0909152-010
EK067G: Total Phosphorus as P by Discrete Analyser								
Total Phosphorus as P	----	0.01	mg/L	**0.18**	**0.77**	**0.09**	**1.15**	**0.12**
EN055: Ionic Balance								
^ Total Anions	----	0.01	meq/L	**340**	**609**	**207**	**339**	**200**
^ Total Cations	----	0.01	meq/L	**321**	**557**	**203**	**362**	----
Total Cations	----	0.01	meq/L	----	----	----	----	**191**
^ Ionic Balance	----	0.01	%	**2.82**	**4.47**	**1.04**	**3.24**	----
Ionic Balance	----	0.01	%	----	----	----	----	**2.19**

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Client sample ID: CP-4M Client sampling date / time: 17-SEP-2009 09:15 EM0909152-011	CP-4D 17-SEP-2009 09:26 EM0909152-012	WM-1S 16-SEP-2009 13:11 EM0909152-013	WM-1D 16-SEP-2009 13:21 EM0909152-014	WM-2S 16-SEP-2009 12:59 EM0909152-015
EA005: pH								
pH Value	----	0.01	pH Unit	**7.15**	**7.08**	**7.38**	**7.22**	**7.34**
EA010: Conductivity								
Electrical Conductivity @ 25°C	----	1	µS/cm	**15000**	**20600**	**29500**	**27900**	**29600**
ED037P: Alkalinity by PC Titrator								
Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	<1	<1	<1	<1	<1
Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	<1	<1	<1	<1	<1
Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	**626**	**627**	**504**	**421**	**593**
Total Alkalinity as CaCO3	----	1	mg/L	**626**	**627**	**504**	**421**	**593**
ED040F: Dissolved Major Anions								
Sulfate as SO4 2-	14808-79-8	1	mg/L	**702**	**685**	**1710**	**1240**	**1590**
ED045P: Chloride by PC Titrator								
Chloride	16887-00-6	1	mg/L	**4600**	**6950**	**9440**	**9110**	**9600**
ED093F: Dissolved Major Cations								
Calcium	7440-70-2	1	mg/L	**289**	**398**	**381**	**346**	**415**
Magnesium	7439-95-4	1	mg/L	**338**	**546**	**709**	**564**	**762**
Sodium	7440-23-5	1	mg/L	**2950**	**3660**	**5800**	**5430**	**5770**
Potassium	7440-09-7	1	mg/L	**76**	**78**	**167**	**118**	**116**
EG020F: Dissolved Metals by ICP-MS								
Aluminium	7429-90-5	0.01	mg/L	----	----	----	<0.01	----
Arsenic	7440-38-2	0.001	mg/L	----	----	----	**0.009**	----
Cadmium	7440-43-9	0.0001	mg/L	----	----	----	<0.0001	----
Copper	7440-50-8	0.001	mg/L	----	----	----	**0.004**	----
Lead	7439-92-1	0.001	mg/L	----	----	----	<0.001	----
Manganese	7439-96-5	0.001	mg/L	----	----	----	**1.59**	----
Nickel	7440-02-0	0.001	mg/L	----	----	----	**0.006**	----
Selenium	7782-49-2	0.01	mg/L	----	----	----	**0.02**	----
Zinc	7440-66-6	0.005	mg/L	----	----	----	<0.005	----
Iron	7439-89-6	0.05	mg/L	----	----	----	<0.05	----
EG020T: Total Metals by ICP-MS								
Aluminium	7429-90-5	0.01	mg/L	**1.90**	**16.8**	**23.2**	----	**19.4**
Arsenic	7440-38-2	0.001	mg/L	**0.009**	**0.134**	**0.050**	----	**0.032**
Cadmium	7440-43-9	0.0001	mg/L	**0.0001**	**0.0002**	**0.0001**	----	**0.0002**
Copper	7440-50-8	0.001	mg/L	**0.003**	**0.014**	**0.018**	----	**0.013**
Lead	7439-92-1	0.001	mg/L	**0.004**	**0.029**	**0.034**	----	**0.026**
Manganese	7439-96-5	0.001	mg/L	**0.677**	**1.30**	**0.958**	----	**1.15**
Nickel	7440-02-0	0.001	mg/L	**0.006**	**0.028**	**0.018**	----	**0.014**
Selenium	7782-49-2	0.01	mg/L	<0.01	**0.01**	**0.01**	----	**0.01**

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	CP-4M	CP-4D	WM-1S	WM-1D	WM-2S
Client sample ID				CP-4M	CP-4D	WM-1S	WM-1D	WM-2S
Client sampling date / time				17-SEP-2009 09:15	17-SEP-2009 09:26	16-SEP-2009 13:11	16-SEP-2009 13:21	16-SEP-2009 12:59
				EM0909152-011	EM0909152-012	EM0909152-013	EM0909152-014	EM0909152-015
EG020T: Total Metals by ICP-MS - Continued								
Zinc	7440-66-6	0.005	mg/L	0.014	0.036	0.045	----	0.028
Iron	7439-89-6	0.05	mg/L	2.44	50.7	37.6	----	27.0
EK059G: NOX as N by Discrete Analyser								
Nitrite + Nitrate as N	----	0.01	mg/L	0.02	0.02	0.02	0.03	0.02
EK061: Total Kjeldahl Nitrogen (TKN)								
Total Kjeldahl Nitrogen as N	----	0.1	mg/L	4.0	7.7	3.0	4.7	8.9
EK062: Total Nitrogen as N								
^ Total Nitrogen as N	----	0.1	mg/L	4.0	7.7	3.0	4.7	8.9
EK067G: Total Phosphorus as P by Discrete Analyser								
Total Phosphorus as P	----	0.01	mg/L	0.44	0.52	0.64	0.38	1.00
EN055: Ionic Balance								
^ Total Anions	----	0.01	meq/L	157	223	312	291	316
^ Total Cations	----	0.01	meq/L	172	226	334	303	338
^ Ionic Balance	----	0.01	%	4.75	0.72	3.34	2.00	3.34

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Client sample ID: WM-3S Client sampling date / time: 16-SEP-2009 12:52 EM0909152-016	WM-4S 16-SEP-2009 12:18 EM0909152-017	WM-4D 16-SEP-2009 12:34 EM0909152-018	WM-5S 16-SEP-2009 13:21 EM0909152-019	PS-1S 15-SEP-2009 15:04 EM0909152-020
EA005: pH								
pH Value	----	0.01	pH Unit	**7.28**	**7.18**	**6.89**	**7.20**	**6.80**
EA010: Conductivity								
Electrical Conductivity @ 25°C	----	1	µS/cm	**20900**	**14500**	**28200**	**28100**	**5510**
ED037P: Alkalinity by PC Titrator								
Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	<1	<1	<1	<1	<1
Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	<1	<1	<1	<1	<1
Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	**926**	**1040**	**449**	**428**	**126**
Total Alkalinity as CaCO3	----	1	mg/L	**926**	**1040**	**449**	**428**	**126**
ED038A: Acidity								
Acidity as CaCO3	----	1	mg/L	----	----	----	----	**33**
ED040F: Dissolved Major Anions								
Sulfate as SO4 2-	14808-79-8	1	mg/L	**417**	**185**	**1420**	**1190**	**2650**
ED045P: Chloride by PC Titrator								
Chloride	16887-00-6	1	mg/L	**6880**	**4360**	**9150**	**8940**	**360**
ED093F: Dissolved Major Cations								
Calcium	7440-70-2	1	mg/L	**456**	**384**	**789**	**338**	**235**
Magnesium	7439-95-4	1	mg/L	**653**	**542**	**940**	**553**	**234**
Sodium	7440-23-5	1	mg/L	**3220**	**1800**	**4400**	**5320**	**788**
Potassium	7440-09-7	1	mg/L	**67**	**53**	**83**	**115**	**65**
EG020F: Dissolved Metals by ICP-MS								
Aluminium	7429-90-5	0.01	mg/L	----	----	----	**0.04**	----
Arsenic	7440-38-2	0.001	mg/L	----	----	----	**0.015**	----
Cadmium	7440-43-9	0.0001	mg/L	----	----	----	**0.0002**	----
Copper	7440-50-8	0.001	mg/L	----	----	----	**0.004**	----
Lead	7439-92-1	0.001	mg/L	----	----	----	<0.001	----
Manganese	7439-96-5	0.001	mg/L	----	----	----	**1.60**	----
Nickel	7440-02-0	0.001	mg/L	----	----	----	**0.006**	----
Selenium	7782-49-2	0.01	mg/L	----	----	----	**0.01**	----
Zinc	7440-66-6	0.005	mg/L	----	----	----	**0.007**	----
Iron	7439-89-6	0.05	mg/L	----	----	----	**0.50**	----
EG020T: Total Metals by ICP-MS								
Aluminium	7429-90-5	0.01	mg/L	**32.4**	**14.7**	**5.70**	----	**6.10**
Arsenic	7440-38-2	0.001	mg/L	**0.048**	**0.037**	**0.036**	----	**0.005**
Cadmium	7440-43-9	0.0001	mg/L	**0.0002**	<0.0001	<0.0001	----	**0.0004**
Copper	7440-50-8	0.001	mg/L	**0.017**	**0.019**	**0.012**	----	**0.011**
Lead	7439-92-1	0.001	mg/L	**0.036**	**0.025**	**0.007**	----	**0.010**
Manganese	7439-96-5	0.001	mg/L	**1.25**	**4.50**	**2.36**	----	**7.16**

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Client sample ID: WM-3S Client sampling date / time: 16-SEP-2009 12:52 EM0909152-016	Client sample ID: WM-4S Client sampling date / time: 16-SEP-2009 12:18 EM0909152-017	Client sample ID: WM-4D Client sampling date / time: 16-SEP-2009 12:34 EM0909152-018	Client sample ID: WM-5S Client sampling date / time: 16-SEP-2009 13:21 EM0909152-019	Client sample ID: PS-1S Client sampling date / time: 15-SEP-2009 15:04 EM0909152-020
EG020T: Total Metals by ICP-MS - Continued								
Nickel	7440-02-0	0.001	mg/L	**0.029**	**0.020**	**0.006**	----	**0.136**
Selenium	7782-49-2	0.01	mg/L	<0.01	<0.01	**0.02**	----	<0.01
Zinc	7440-66-6	0.005	mg/L	**0.040**	**0.030**	**0.017**	----	**0.084**
Iron	7439-89-6	0.05	mg/L	**57.0**	**31.9**	**34.3**	----	**10.9**
EK059G: NOX as N by Discrete Analyser								
Nitrite + Nitrate as N	----	0.01	mg/L	**0.05**	**0.06**	**0.03**	**0.04**	**0.02**
EK061: Total Kjeldahl Nitrogen (TKN)								
Total Kjeldahl Nitrogen as N	----	0.1	mg/L	**17.9**	**49.9**	**16.7**	**5.0**	<0.1
EK062: Total Nitrogen as N								
^ Total Nitrogen as N	----	0.1	mg/L	**17.9**	**50.0**	**16.7**	**5.0**	<0.1
EK067G: Total Phosphorus as P by Discrete Analyser								
Total Phosphorus as P	----	0.01	mg/L	**1.52**	**1.66**	**0.07**	**0.42**	**0.08**
EN055: Ionic Balance								
^ Total Anions	----	0.01	meq/L	**221**	**148**	**297**	**286**	**68.0**
^ Total Cations	----	0.01	meq/L	**218**	**144**	**310**	**297**	**66.9**
^ Ionic Balance	----	0.01	%	**0.66**	**1.40**	**2.19**	**1.87**	**0.83**

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Client sample ID: PS-1D	PS-2S	PS-2D	PS-3S	PS-3D
				Client sampling date / time: 15-SEP-2009 15:15	15-SEP-2009 14:43	15-SEP-2009 14:52	15-SEP-2009 14:15	15-SEP-2009 14:28
				EM0909152-021	EM0909152-022	EM0909152-023	EM0909152-024	EM0909152-025
EA005: pH								
pH Value	----	0.01	pH Unit	7.64	3.18	7.50	7.42	7.37
EA010: Conductivity								
Electrical Conductivity @ 25°C	----	1	µS/cm	10700	8690	10500	6100	15100
ED037P: Alkalinity by PC Titrator								
Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	<1	<1	<1	<1	<1
Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	17	<1	<1	<1	<1
Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	679	<1	459	384	481
Total Alkalinity as CaCO3	----	1	mg/L	696	<1	459	384	481
ED038A: Acidity								
Acidity as CaCO3	----	1	mg/L	----	404	----	----	----
ED040F: Dissolved Major Anions								
Sulfate as SO4 2-	14808-79-8	1	mg/L	776	3660	423	486	465
ED045P: Chloride by PC Titrator								
Chloride	16887-00-6	1	mg/L	2780	1090	3050	1540	4550
ED093F: Dissolved Major Cations								
Calcium	7440-70-2	1	mg/L	53	305	123	125	254
Magnesium	7439-95-4	1	mg/L	64	461	178	130	316
Sodium	7440-23-5	1	mg/L	2220	951	1810	930	2560
Potassium	7440-09-7	1	mg/L	54	82	56	34	54
EG020T: Total Metals by ICP-MS								
Aluminium	7429-90-5	0.01	mg/L	13.7	32.0	22.2	12.5	32.3
Arsenic	7440-38-2	0.001	mg/L	0.074	0.006	0.144	0.024	0.048
Cadmium	7440-43-9	0.0001	mg/L	<0.0001	0.0003	0.0003	0.0002	0.0002
Copper	7440-50-8	0.001	mg/L	0.027	0.019	0.024	0.011	0.036
Lead	7439-92-1	0.001	mg/L	0.013	0.029	0.024	0.013	0.030
Manganese	7439-96-5	0.001	mg/L	0.104	25.4	0.612	1.68	0.636
Nickel	7440-02-0	0.001	mg/L	0.019	0.165	0.031	0.010	0.042
Selenium	7782-49-2	0.01	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Zinc	7440-66-6	0.005	mg/L	0.033	0.219	0.035	0.034	0.050
Iron	7439-89-6	0.05	mg/L	10.6	107	31.8	13.4	27.5
EK059G: NOX as N by Discrete Analyser								
Nitrite + Nitrate as N	----	0.01	mg/L	0.02	0.05	0.02	1.04	0.03
EK061: Total Kjeldahl Nitrogen (TKN)								
Total Kjeldahl Nitrogen as N	----	0.1	mg/L	<0.1	3.3	2.5	6.8	4.9
EK062: Total Nitrogen as N								
^ Total Nitrogen as N	----	0.1	mg/L	<0.1	3.4	2.5	7.9	4.9

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Client sample ID: PS-1D	PS-2S	PS-2D	PS-3S	PS-3D
				Client sampling date / time: 15-SEP-2009 15:15	15-SEP-2009 14:43	15-SEP-2009 14:52	15-SEP-2009 14:15	15-SEP-2009 14:28
				EM0909152-021	EM0909152-022	EM0909152-023	EM0909152-024	EM0909152-025
EK067G: Total Phosphorus as P by Discrete Analyser								
Total Phosphorus as P	----	0.01	mg/L	**0.11**	**0.12**	**0.22**	**0.67**	**0.33**
EN055: Ionic Balance								
^ Total Anions	----	0.01	meq/L	**108**	**107**	**104**	**61.2**	**148**
^ Total Cations	----	0.01	meq/L	**106**	----	**101**	**58.3**	**151**
Total Cations	----	0.01	meq/L	----	**102**	----	----	----
^ Ionic Balance	----	0.01	%	**1.21**	----	**1.49**	**2.52**	**1.14**
Ionic Balance	----	0.01	%	----	**2.19**	----	----	----

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Client sample ID	PS-4S	PS-4D	PS-5S	----	----
				Client sampling date / time	15-SEP-2009 12:41	15-SEP-2009 13:20	15-SEP-2009 12:41	----	----
					EM0909152-026	EM0909152-027	EM0909152-028	----	----
EA005: pH									
pH Value	----	0.01	pH Unit		**6.98**	**7.31**	**6.92**	----	----
EA010: Conductivity									
Electrical Conductivity @ 25°C	----	1	µS/cm		**8050**	**5730**	**8030**	----	----
ED037P: Alkalinity by PC Titrator									
Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L		<1	<1	<1	----	----
Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L		<1	<1	<1	----	----
Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L		**343**	**663**	**360**	----	----
Total Alkalinity as CaCO3	----	1	mg/L		**343**	**663**	**360**	----	----
ED040F: Dissolved Major Anions									
Sulfate as SO4 2-	14808-79-8	1	mg/L		**400**	**242**	**374**	----	----
ED045P: Chloride by PC Titrator									
Chloride	16887-00-6	1	mg/L		**2290**	**1440**	**2250**	----	----
ED093F: Dissolved Major Cations									
Calcium	7440-70-2	1	mg/L		**166**	**105**	**164**	----	----
Magnesium	7439-95-4	1	mg/L		**130**	**126**	**128**	----	----
Sodium	7440-23-5	1	mg/L		**1260**	**887**	**1220**	----	----
Potassium	7440-09-7	1	mg/L		**32**	**33**	**31**	----	----
EG020T: Total Metals by ICP-MS									
Aluminium	7429-90-5	0.01	mg/L		**10.8**	**42.5**	**13.3**	----	----
Arsenic	7440-38-2	0.001	mg/L		**0.058**	**0.106**	**0.070**	----	----
Cadmium	7440-43-9	0.0001	mg/L		**0.0002**	**0.0005**	**0.0006**	----	----
Copper	7440-50-8	0.001	mg/L		**0.012**	**0.016**	**0.016**	----	----
Lead	7439-92-1	0.001	mg/L		**0.014**	**0.031**	**0.018**	----	----
Manganese	7439-96-5	0.001	mg/L		**4.89**	**1.41**	**5.43**	----	----
Nickel	7440-02-0	0.001	mg/L		**0.011**	**0.048**	**0.014**	----	----
Selenium	7782-49-2	0.01	mg/L		<0.01	<0.01	<0.01	----	----
Zinc	7440-66-6	0.005	mg/L		**0.035**	**0.049**	**0.034**	----	----
Iron	7439-89-6	0.05	mg/L		**43.8**	**47.5**	**55.0**	----	----
EK059G: NOX as N by Discrete Analyser									
Nitrite + Nitrate as N	----	0.01	mg/L		**0.29**	**0.02**	**0.03**	----	----
EK061: Total Kjeldahl Nitrogen (TKN)									
Total Kjeldahl Nitrogen as N	----	0.1	mg/L		**36.7**	**19.2**	**40.0**	----	----
EK062: Total Nitrogen as N									
^ Total Nitrogen as N	----	0.1	mg/L		**36.9**	**19.3**	**40.0**	----	----
EK067G: Total Phosphorus as P by Discrete Analyser									
Total Phosphorus as P	----	0.01	mg/L		**0.64**	**0.43**	**0.70**	----	----

Analytical Results

Sub-Matrix: WATER			Client sample ID	PS-4S	PS-4D	PS-5S	----	----
			Client sampling date / time	15-SEP-2009 12:41	15-SEP-2009 13:20	15-SEP-2009 12:41	----	----
Compound	CAS Number	LOR	Unit	EM0909152-026	EM0909152-027	EM0909152-028	----	----
EN055: Ionic Balance								
^ Total Anions	----	0.01	meq/L	**79.8**	**58.9**	**78.5**	----	----
^ Total Cations	----	0.01	meq/L	**74.6**	**55.0**	**72.8**	----	----
^ Ionic Balance	----	0.01	%	**3.39**	**3.42**	**3.79**	----	----

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

Environmental Division

CERTIFICATE OF ANALYSIS

Work Order	: **EM0910834**	Page	: 1 of 15
Client	: **EARTH SYSTEMS PTY LTD**	Laboratory	: Environmental Division Melbourne
Contact	: MS SOPHIE PAPE	Contact	: Steven McGrath
Address	: SUITE 507 1 PRINCESS STREET KEW VIC, AUSTRALIA 3101	Address	: 4 Westall Rd Springvale VIC Australia 3171
E-mail	: sophie.pape@earthsystems.com.au	E-mail	: steven.mcgrath@alsenviro.com
Telephone	: +61 92059515	Telephone	: +61-3-8549 9600
Facsimile	: +61 03 92059519	Facsimile	: +61-3-8549 9601
Project	: RSSA0823	QC Level	: NEPM 1999 Schedule B(3) and ALS QCS3 requirement
Order number	: ----		
C-O-C number	: ----	Date Samples Received	: 30-OCT-2009
Sampler	: SP	Issue Date	: 11-NOV-2009
Site	: ----		
		No. of samples received	: 42
Quote number	: ME/194/08	No. of samples analysed	: 29

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results

NATA Accredited Laboratory 825

This document is issued in accordance with NATA accreditation requirements.

Accredited for compliance with ISO/IEC 17025.

Signatories

This document has been electronically signed by the authorized signatories indicated below. Electronic signing has been carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	*Position*	*Accreditation Category*
Dilani Fernando	Senior Inorganic Instrument Chemist	Inorganics
Herman Lin	Senior Inorganic Chemist	Inorganics
Hoa Nguyen	Inorganic Chemist	Inorganics
Nikki Stepniewski	Non-metallic Supervisor	Inorganics
Snezana Vanovac	Laboratory Technician	Inorganics
Terrance Hettipathirana	Team Leader - Metals	Inorganics

General Comments

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insuffient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for processing purposes. If the sampling time is displayed as 0:00 the information was not provided by client.

Key : CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
LOR = Limit of reporting
^ = This result is computed from individual analyte detections at or above the level of reporting

- **EG020F: EM0910834-011 has been diluted for analysis and LORs have been raised accordingly.**
- **LCS recovery for ED038: Acidity fall outside ALS dynamic control limits. However, they are within the acceptance criteria based on ALS DQO. No further action is required.**

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Client sample ID: UCC-P1 Client sampling date / time: 21-OCT-2009 16:26 EM0910834-001	Client sample ID: LCC-P2 Client sampling date / time: 22-OCT-2009 16:30 EM0910834-002	Client sample ID: UCC-P3 Client sampling date / time: 22-OCT-2009 17:45 EM0910834-010	Client sample ID: CP-1S Client sampling date / time: 19-OCT-2009 14:45 EM0910834-011	Client sample ID: CP-1D Client sampling date / time: 19-OCT-2009 14:55 EM0910834-012
EA005: pH								
pH Value	----	0.01	pH Unit	6.35	2.95	3.76	6.70	7.03
EA010: Conductivity								
Electrical Conductivity @ 25°C	----	1	µS/cm	6500	7500	17800	2460	43100
ED037P: Alkalinity by PC Titrator								
Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	<1	<1	<1	<1	<1
Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	<1	<1	<1	<1	<1
Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	48	<1	<1	99	523
Total Alkalinity as CaCO3	----	1	mg/L	48	<1	<1	99	523
ED038A: Acidity								
Acidity as CaCO3	----	1	mg/L	27	912	165	40	----
ED040F: Dissolved Major Anions								
Sulfate as SO4 2-	14808-79-8	1	mg/L	750	1910	3550	202	2640
ED045P: Chloride by PC Titrator								
Chloride	16887-00-6	1	mg/L	1270	851	3360	500	11900
ED093F: Dissolved Major Cations								
Calcium	7440-70-2	1	mg/L	136	213	567	33	576
Magnesium	7439-95-4	1	mg/L	122	154	519	27	944
Sodium	7440-23-5	1	mg/L	909	784	2530	384	7510
Potassium	7440-09-7	1	mg/L	46	30	117	20	195
EG020T: Total Metals by ICP-MS								
Aluminium	7429-90-5	0.01	mg/L	7.34	41.4	11.3	185	3.52
Arsenic	7440-38-2	0.001	mg/L	0.004	0.013	0.004	0.200	0.005
Cadmium	7440-43-9	0.0001	mg/L	0.0004	0.0012	0.0026	<0.0010	0.0001
Copper	7440-50-8	0.001	mg/L	0.013	0.095	0.016	0.143	0.008
Lead	7439-92-1	0.001	mg/L	0.015	0.015	0.015	0.186	0.006
Manganese	7439-96-5	0.001	mg/L	0.505	1.69	6.48	1.45	0.736
Nickel	7440-02-0	0.001	mg/L	0.021	0.230	0.117	0.133	0.003
Selenium	7782-49-2	0.01	mg/L	<0.01	<0.01	<0.01	<0.10	<0.01
Zinc	7440-66-6	0.005	mg/L	0.039	0.337	0.127	0.517	0.018
Iron	7439-89-6	0.05	mg/L	9.51	139	30.9	217	2.44
EK059G: NOX as N by Discrete Analyser								
Nitrite + Nitrate as N	----	0.01	mg/L	1.85	0.23	3.54	4.03	0.03
EK061: Total Kjeldahl Nitrogen (TKN)								
Total Kjeldahl Nitrogen as N	----	0.1	mg/L	2.0	7.1	26.8	3.0	5.9
EK062: Total Nitrogen as N								
^ Total Nitrogen as N	----	0.1	mg/L	3.8	7.3	30.4	7.0	5.9

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Client sample ID: UCC-P1	LCC-P2	UCC-P3	CP-1S	CP-1D
				Client sampling date / time: 21-OCT-2009 16:26	22-OCT-2009 16:30	22-OCT-2009 17:45	19-OCT-2009 14:45	19-OCT-2009 14:55
				EM0910834-001	EM0910834-002	EM0910834-010	EM0910834-011	EM0910834-012
EK067G: Total Phosphorus as P by Discrete Analyser								
Total Phosphorus as P	----	0.01	mg/L	**0.09**	**0.37**	<0.01	**1.06**	**0.34**
EN055: Ionic Balance								
^ Total Anions	----	0.01	meq/L	**52.4**	**63.8**	**169**	**20.3**	**400**
^ Total Cations	----	0.01	meq/L	**57.6**	**58.1**	**184**	**21.1**	**438**
^ Ionic Balance	----	0.01	%	**4.67**	**4.70**	**4.28**	**1.88**	**4.49**

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Client sample ID: CP-2S Client sampling date / time: 20-OCT-2009 11:25 EM0910834-013	CP-2D 19-OCT-2009 15:17 EM0910834-017	CP-3S 20-OCT-2009 11:40 EM0910834-018	CP-3M 19-OCT-2009 14:21 EM0910834-021	CP-3D 19-OCT-2009 15:30 EM0910834-022
EA005: pH								
pH Value	----	0.01	pH Unit	3.33	7.00	3.34	7.08	7.03
EA010: Conductivity								
Electrical Conductivity @ 25°C	----	1	µS/cm	32000	46700	20200	24100	34200
ED037P: Alkalinity by PC Titrator								
Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	<1	<1	<1	<1	<1
Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	<1	<1	<1	<1	<1
Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	<1	670	<1	817	739
Total Alkalinity as CaCO3	----	1	mg/L	<1	670	<1	817	739
ED038A: Acidity								
Acidity as CaCO3	----	1	mg/L	1260	----	519	----	----
ED040F: Dissolved Major Anions								
Sulfate as SO4 2-	14808-79-8	1	mg/L	4660	2830	3280	511	1720
ED045P: Chloride by PC Titrator								
Chloride	16887-00-6	1	mg/L	8160	12100	4620	6530	9000
ED093F: Dissolved Major Cations								
Calcium	7440-70-2	1	mg/L	488	474	359	474	537
Magnesium	7439-95-4	1	mg/L	920	507	614	672	686
Sodium	7440-23-5	1	mg/L	5100	8700	2870	3380	5690
Potassium	7440-09-7	1	mg/L	187	145	141	72	161
EG020T: Total Metals by ICP-MS								
Aluminium	7429-90-5	0.01	mg/L	53.2	6.28	20.0	14.9	6.97
Arsenic	7440-38-2	0.001	mg/L	0.002	0.021	0.001	0.009	0.006
Cadmium	7440-43-9	0.0001	mg/L	0.0007	<0.0001	0.0004	0.0002	0.0001
Copper	7440-50-8	0.001	mg/L	0.024	0.009	0.013	0.010	0.009
Lead	7439-92-1	0.001	mg/L	0.019	0.007	0.013	0.019	0.008
Manganese	7439-96-5	0.001	mg/L	11.7	0.992	5.03	1.05	1.25
Nickel	7440-02-0	0.001	mg/L	0.831	0.008	0.328	0.010	0.009
Selenium	7782-49-2	0.01	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Zinc	7440-66-6	0.005	mg/L	0.328	0.013	0.318	0.029	0.028
Iron	7439-89-6	0.05	mg/L	249	5.78	89.8	37.1	6.11
EK059G: NOX as N by Discrete Analyser								
Nitrite + Nitrate as N	----	0.01	mg/L	0.16	0.02	0.09	0.30	0.02
EK061: Total Kjeldahl Nitrogen (TKN)								
Total Kjeldahl Nitrogen as N	----	0.1	mg/L	5.4	5.6	2.2	10.4	5.9
EK062: Total Nitrogen as N								
^ Total Nitrogen as N	----	0.1	mg/L	5.6	5.6	2.2	10.7	5.9

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Client sample ID: CP-2S Client sampling date / time: 20-OCT-2009 11:25 EM0910834-013	CP-2D 19-OCT-2009 15:17 EM0910834-017	CP-3S 20-OCT-2009 11:40 EM0910834-018	CP-3M 19-OCT-2009 14:21 EM0910834-021	CP-3D 19-OCT-2009 15:30 EM0910834-022
EK067G: Total Phosphorus as P by Discrete Analyser								
Total Phosphorus as P	----	0.01	mg/L	**0.01**	**0.15**	<0.01	**2.22**	**0.46**
EN055: Ionic Balance								
^ Total Anions	----	0.01	meq/L	**327**	**413**	**199**	**211**	**304**
^ Total Cations	----	0.01	meq/L	**327**	**448**	**197**	**228**	**335**
^ Ionic Balance	----	0.01	%	**0.06**	**4.05**	**0.43**	**3.72**	**4.75**

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Client sample ID: CP-4S Client sampling date / time: 20-OCT-2009 11:45 EM0910834-023	CP-4M 19-OCT-2009 16:05 EM0910834-024	CP-4D 19-OCT-2009 16:40 EM0910834-025	WM-1S 20-OCT-2009 14:45 EM0910834-026	WM-1D 20-OCT-2009 15:00 EM0910834-027
EA005: pH								
pH Value	----	0.01	pH Unit	**3.30**	**7.05**	**7.10**	**7.20**	**7.10**
EA010: Conductivity								
Electrical Conductivity @ 25°C	----	1	µS/cm	**15200**	**16400**	**22400**	**33600**	**28700**
ED037P: Alkalinity by PC Titrator								
Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	<1	<1	<1	<1	<1
Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	<1	<1	<1	<1	<1
Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	<1	**691**	**693**	**502**	**423**
Total Alkalinity as CaCO3	----	1	mg/L	<1	**691**	**693**	**502**	**423**
ED038A: Acidity								
Acidity as CaCO3	----	1	mg/L	**1380**	----	----	----	----
ED040F: Dissolved Major Anions								
Sulfate as SO4 2-	14808-79-8	1	mg/L	**5500**	**613**	**599**	**1710**	**1160**
ED045P: Chloride by PC Titrator								
Chloride	16887-00-6	1	mg/L	**2520**	**4250**	**6180**	**9520**	**8580**
ED093F: Dissolved Major Cations								
Calcium	7440-70-2	1	mg/L	**544**	**268**	**369**	**403**	**342**
Magnesium	7439-95-4	1	mg/L	**751**	**299**	**490**	**712**	**545**
Sodium	7440-23-5	1	mg/L	**1790**	**2700**	**3510**	**5880**	**5310**
Potassium	7440-09-7	1	mg/L	**121**	**69**	**74**	**175**	**119**
EG020T: Total Metals by ICP-MS								
Aluminium	7429-90-5	0.01	mg/L	**75.6**	**4.09**	**5.52**	**14.2**	**3.29**
Arsenic	7440-38-2	0.001	mg/L	**0.004**	**0.007**	**0.046**	**0.018**	**0.027**
Cadmium	7440-43-9	0.0001	mg/L	**0.0022**	<0.0001	<0.0001	**0.0003**	**0.0002**
Copper	7440-50-8	0.001	mg/L	**0.065**	**0.006**	**0.007**	**0.013**	**0.006**
Lead	7439-92-1	0.001	mg/L	**0.015**	**0.006**	**0.009**	**0.022**	**0.005**
Manganese	7439-96-5	0.001	mg/L	**14.4**	**0.724**	**0.454**	**0.860**	**1.72**
Nickel	7440-02-0	0.001	mg/L	**0.902**	**0.008**	**0.008**	**0.012**	**0.009**
Selenium	7782-49-2	0.01	mg/L	**0.01**	<0.01	<0.01	<0.01	<0.01
Zinc	7440-66-6	0.005	mg/L	**0.482**	**0.017**	**0.018**	**0.046**	**0.045**
Iron	7439-89-6	0.05	mg/L	**191**	**4.46**	**19.1**	**21.9**	**6.55**
EK059G: NOX as N by Discrete Analyser								
Nitrite + Nitrate as N	----	0.01	mg/L	**0.16**	**0.01**	**0.02**	**0.01**	**0.01**
EK061: Total Kjeldahl Nitrogen (TKN)								
Total Kjeldahl Nitrogen as N	----	0.1	mg/L	**3.5**	**3.6**	**4.6**	**2.0**	**2.2**
EK062: Total Nitrogen as N								
^ Total Nitrogen as N	----	0.1	mg/L	**3.7**	**3.6**	**4.6**	**2.0**	**2.2**

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Client sample ID: CP-4S Client sampling date / time: 20-OCT-2009 11:45 EM0910834-023	Client sample ID: CP-4M Client sampling date / time: 19-OCT-2009 16:05 EM0910834-024	Client sample ID: CP-4D Client sampling date / time: 19-OCT-2009 16:40 EM0910834-025	Client sample ID: WM-1S Client sampling date / time: 20-OCT-2009 14:45 EM0910834-026	Client sample ID: WM-1D Client sampling date / time: 20-OCT-2009 15:00 EM0910834-027
EK067G: Total Phosphorus as P by Discrete Analyser								
Total Phosphorus as P	----	0.01	mg/L	<0.01	**0.21**	<0.01	**0.36**	<0.01
EN055: Ionic Balance								
^ Total Anions	----	0.01	meq/L	**186**	**146**	**201**	**314**	**274**
^ Total Cations	----	0.01	meq/L	**170**	**157**	**213**	**339**	**296**
^ Ionic Balance	----	0.01	%	**4.44**	**3.48**	**3.01**	**3.72**	**3.77**

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	WM-2S	WM-2D	WM-3S	WM-4S	WM-4D
Client sample ID				WM-2S	WM-2D	WM-3S	WM-4S	WM-4D
Client sampling date / time				20-OCT-2009 15:20	20-OCT-2009 15:27	20-OCT-2009 15:30	20-OCT-2009 15:50	20-OCT-2009 16:05
				EM0910834-028	EM0910834-029	EM0910834-030	EM0910834-031	EM0910834-032
EA005: pH								
pH Value	----	0.01	pH Unit	7.13	7.38	7.13	7.07	6.72
EA010: Conductivity								
Electrical Conductivity @ 25°C	----	1	µS/cm	33900	16200	24100	15500	31800
ED037P: Alkalinity by PC Titrator								
Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	<1	<1	<1	<1	<1
Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	<1	<1	<1	<1	<1
Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	574	495	890	1020	436
Total Alkalinity as CaCO3	----	1	mg/L	574	495	890	1020	436
ED040F: Dissolved Major Anions								
Sulfate as SO4 2-	14808-79-8	1	mg/L	1680	459	536	202	1230
ED045P: Chloride by PC Titrator								
Chloride	16887-00-6	1	mg/L	9740	4570	7210	3850	8750
ED093F: Dissolved Major Cations								
Calcium	7440-70-2	1	mg/L	433	243	499	384	823
Magnesium	7439-95-4	1	mg/L	779	306	701	526	972
Sodium	7440-23-5	1	mg/L	5820	2280	3530	1880	4250
Potassium	7440-09-7	1	mg/L	125	61	75	55	86
EG020T: Total Metals by ICP-MS								
Aluminium	7429-90-5	0.01	mg/L	25.0	31.0	16.4	7.13	8.70
Arsenic	7440-38-2	0.001	mg/L	0.034	0.052	0.015	0.011	0.037
Cadmium	7440-43-9	0.0001	mg/L	0.0005	0.0002	0.0002	0.0006	0.0001
Copper	7440-50-8	0.001	mg/L	0.021	0.040	0.011	0.010	0.018
Lead	7439-92-1	0.001	mg/L	0.056	0.034	0.024	0.012	0.019
Manganese	7439-96-5	0.001	mg/L	1.40	0.632	1.12	4.23	2.44
Nickel	7440-02-0	0.001	mg/L	0.020	0.054	0.013	0.009	0.012
Selenium	7782-49-2	0.01	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Zinc	7440-66-6	0.005	mg/L	0.056	0.054	0.033	0.038	0.036
Iron	7439-89-6	0.05	mg/L	38.9	30.3	43.6	11.3	39.0
EK059G: NOX as N by Discrete Analyser								
Nitrite + Nitrate as N	----	0.01	mg/L	0.19	0.04	0.26	0.04	0.01
EK061: Total Kjeldahl Nitrogen (TKN)								
Total Kjeldahl Nitrogen as N	----	0.1	mg/L	5.0	3.5	9.0	33.0	10.7
EK062: Total Nitrogen as N								
^ Total Nitrogen as N	----	0.1	mg/L	5.2	3.6	9.2	33.0	10.8
EK067G: Total Phosphorus as P by Discrete Analyser								
Total Phosphorus as P	----	0.01	mg/L	0.94	0.29	2.09	1.26	<0.01

Analytical Results

Sub-Matrix: WATER				Client sample ID	WM-2S	WM-2D	WM-3S	WM-4S	WM-4D
				Client sampling date / time	20-OCT-2009 15:20	20-OCT-2009 15:27	20-OCT-2009 15:30	20-OCT-2009 15:50	20-OCT-2009 16:05
Compound	CAS Number	LOR	Unit		EM0910834-028	EM0910834-029	EM0910834-030	EM0910834-031	EM0910834-032
EN055: Ionic Balance									
^ Total Anions	----	0.01	meq/L		**321**	**148**	**232**	**133**	**281**
^ Total Cations	----	0.01	meq/L		**342**	**138**	**238**	**146**	**308**
^ Ionic Balance	----	0.01	%		**3.10**	**3.65**	**1.16**	**4.50**	**4.59**

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Client sample ID: PS-1S Client sampling date / time: 21-OCT-2009 10:10 EM0910834-033	PS-1D 21-OCT-2009 10:30 EM0910834-034	PS-2S 21-OCT-2009 12:25 EM0910834-035	PS-2D 21-OCT-2009 10:45 EM0910834-036	PS-3S 21-OCT-2009 11:07 EM0910834-038
EA005: pH								
pH Value	----	0.01	pH Unit	**6.60**	**7.60**	**3.30**	**7.30**	**7.24**
EA010: Conductivity								
Electrical Conductivity @ 25°C	----	1	µS/cm	**5540**	**11800**	**9300**	**12600**	**5750**
ED037P: Alkalinity by PC Titrator								
Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	<1	<1	<1	<1	<1
Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	<1	<1	<1	<1	<1
Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	**161**	**714**	<1	**463**	**332**
Total Alkalinity as CaCO3	----	1	mg/L	**161**	**714**	<1	**463**	**332**
ED038A: Acidity								
Acidity as CaCO3	----	1	mg/L	----	----	**684**	----	----
ED040F: Dissolved Major Anions								
Sulfate as SO4 2-	14808-79-8	1	mg/L	**2360**	**693**	**3780**	**468**	**553**
ED045P: Chloride by PC Titrator								
Chloride	16887-00-6	1	mg/L	**246**	**2450**	**850**	**3280**	**1200**
ED093F: Dissolved Major Cations								
Calcium	7440-70-2	1	mg/L	**195**	**40**	**314**	**137**	**146**
Magnesium	7439-95-4	1	mg/L	**184**	**57**	**446**	**194**	**114**
Sodium	7440-23-5	1	mg/L	**724**	**2220**	**891**	**2020**	**772**
Potassium	7440-09-7	1	mg/L	**60**	**50**	**89**	**53**	**33**
EG020T: Total Metals by ICP-MS								
Aluminium	7429-90-5	0.01	mg/L	**2.47**	**7.59**	**42.1**	**12.8**	**5.57**
Arsenic	7440-38-2	0.001	mg/L	**0.002**	**0.072**	**0.003**	**0.107**	**0.011**
Cadmium	7440-43-9	0.0001	mg/L	**0.0002**	<0.0001	**0.0001**	**0.0001**	<0.0001
Copper	7440-50-8	0.001	mg/L	**0.006**	**0.016**	**0.012**	**0.015**	**0.005**
Lead	7439-92-1	0.001	mg/L	**0.005**	**0.008**	**0.015**	**0.015**	**0.010**
Manganese	7439-96-5	0.001	mg/L	**5.32**	**0.085**	**29.9**	**0.467**	**1.52**
Nickel	7440-02-0	0.001	mg/L	**0.096**	**0.015**	**0.215**	**0.020**	**0.005**
Selenium	7782-49-2	0.01	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Zinc	7440-66-6	0.005	mg/L	**0.069**	**0.027**	**0.253**	**0.026**	**0.016**
Iron	7439-89-6	0.05	mg/L	**10.9**	**6.51**	**98.1**	**19.7**	**6.84**
EK059G: NOX as N by Discrete Analyser								
Nitrite + Nitrate as N	----	0.01	mg/L	<0.01	**0.02**	**0.05**	**0.17**	**1.14**
EK061: Total Kjeldahl Nitrogen (TKN)								
Total Kjeldahl Nitrogen as N	----	0.1	mg/L	**3.4**	**0.7**	**2.9**	**2.2**	**4.7**
EK062: Total Nitrogen as N								
^ Total Nitrogen as N	----	0.1	mg/L	**3.4**	**0.7**	**3.0**	**2.4**	**5.8**

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Client sample ID: PS-1S Client sampling date / time: 21-OCT-2009 10:10 EM0910834-033	PS-1D 21-OCT-2009 10:30 EM0910834-034	PS-2S 21-OCT-2009 12:25 EM0910834-035	PS-2D 21-OCT-2009 10:45 EM0910834-036	PS-3S 21-OCT-2009 11:07 EM0910834-038
EK067G: Total Phosphorus as P by Discrete Analyser								
Total Phosphorus as P	----	0.01	mg/L	<0.01	<0.01	<0.01	**0.11**	**0.42**
EN055: Ionic Balance								
^ Total Anions	----	0.01	meq/L	**59.4**	**97.9**	**103**	**112**	**52.0**
^ Total Cations	----	0.01	meq/L	**57.9**	**104**	**93.4**	**112**	**51.1**
^ Ionic Balance	----	0.01	%	**1.27**	**3.18**	**4.78**	**0.08**	**0.90**

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Client sample ID: PS-3D	PS-4S	PS-4M	PS-4D	----
Client sampling date / time				21-OCT-2009 11:25	21-OCT-2009 11:45	21-OCT-2009 11:11	21-OCT-2009 11:15	----
				EM0910834-039	EM0910834-040	EM0910834-041	EM0910834-042	----
EA005: pH								
pH Value	----	0.01	pH Unit	7.22	6.84	6.62	7.34	----
EA010: Conductivity								
Electrical Conductivity @ 25°C	----	1	µS/cm	16200	8260	5280	6000	----
ED037P: Alkalinity by PC Titrator								
Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	<1	<1	<1	<1	----
Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	<1	<1	<1	<1	----
Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	494	357	160	688	----
Total Alkalinity as CaCO3	----	1	mg/L	494	357	160	688	----
ED040F: Dissolved Major Anions								
Sulfate as SO4 2-	14808-79-8	1	mg/L	432	302	2340	149	----
ED045P: Chloride by PC Titrator								
Chloride	16887-00-6	1	mg/L	4380	1770	232	1080	----
ED093F: Dissolved Major Cations								
Calcium	7440-70-2	1	mg/L	246	146	196	98	----
Magnesium	7439-95-4	1	mg/L	293	116	182	117	----
Sodium	7440-23-5	1	mg/L	2510	1100	718	814	----
Potassium	7440-09-7	1	mg/L	53	30	59	30	----
EG020T: Total Metals by ICP-MS								
Aluminium	7429-90-5	0.01	mg/L	29.9	3.33	2.04	9.95	----
Arsenic	7440-38-2	0.001	mg/L	0.052	0.045	0.002	0.071	----
Cadmium	7440-43-9	0.0001	mg/L	0.0002	<0.0001	0.0003	<0.0001	----
Copper	7440-50-8	0.001	mg/L	0.038	0.005	0.006	0.005	----
Lead	7439-92-1	0.001	mg/L	0.032	0.005	0.005	0.013	----
Manganese	7439-96-5	0.001	mg/L	0.617	4.65	5.40	1.06	----
Nickel	7440-02-0	0.001	mg/L	0.052	0.004	0.087	0.011	----
Selenium	7782-49-2	0.01	mg/L	<0.01	<0.01	<0.01	<0.01	----
Zinc	7440-66-6	0.005	mg/L	0.050	0.021	0.062	0.025	----
Iron	7439-89-6	0.05	mg/L	29.5	38.0	10.5	17.7	----
EK059G: NOX as N by Discrete Analyser								
Nitrite + Nitrate as N	----	0.01	mg/L	0.04	0.28	<0.01	0.01	----
EK061: Total Kjeldahl Nitrogen (TKN)								
Total Kjeldahl Nitrogen as N	----	0.1	mg/L	4.6	26.0	0.7	14.0	----
EK062: Total Nitrogen as N								
^ Total Nitrogen as N	----	0.1	mg/L	4.6	26.2	0.7	14.0	----
EK067G: Total Phosphorus as P by Discrete Analyser								
Total Phosphorus as P	----	0.01	mg/L	0.24	0.42	<0.01	0.04	----

Analytical Results

Sub-Matrix: WATER				Client sample ID	PS-3D	PS-4S	PS-4M	PS-4D	----
				Client sampling date / time	21-OCT-2009 11:25	21-OCT-2009 11:45	21-OCT-2009 11:11	21-OCT-2009 11:15	----
Compound	CAS Number	LOR	Unit		EM0910834-039	EM0910834-040	EM0910834-041	EM0910834-042	----
EN055: Ionic Balance									
^ Total Anions	----	0.01	meq/L		**142**	**63.3**	**58.4**	**47.4**	----
^ Total Cations	----	0.01	meq/L		**147**	**65.6**	**57.5**	**50.8**	----
^ Ionic Balance	----	0.01	%		**1.47**	**1.74**	**0.79**	**3.39**	----

CERTIFICATE OF ANALYSIS

Work Order	: **EM0911792**	Page	: 1 of 14
Client	: **EARTH SYSTEMS PTY LTD**	Laboratory	: Environmental Division Melbourne
Contact	: MS SOPHIE PAPE	Contact	: Steven McGrath
Address	: SUITE 507 1 PRINCESS STREET KEW VIC, AUSTRALIA 3101	Address	: 4 Westall Rd Springvale VIC Australia 3171
E-mail	: sophie.pape@earthsystems.com.au	E-mail	: steven.mcgrath@alsenviro.com
Telephone	: +61 92059515	Telephone	: +61-3-8549 9600
Facsimile	: +61 03 92059519	Facsimile	: +61-3-8549 9601
Project	: RSSA0823	QC Level	: NEPM 1999 Schedule B(3) and ALS QCS3 requirement
Order number	: ----		
C-O-C number	: ----	Date Samples Received	: 23-NOV-2009
Sampler	: SP	Issue Date	: 30-NOV-2009
Site	: ----		
		No. of samples received	: 28
Quote number	: ----	No. of samples analysed	: 28

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results

NATA Accredited Laboratory 825

This document is issued in accordance with NATA accreditation requirements.

Accredited for compliance with ISO/IEC 17025.

Signatories

This document has been electronically signed by the authorized signatories indicated below. Electronic signing has been carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	*Position*	*Accreditation Category*
Dilani Fernando	Senior Inorganic Instrument Chemist	Inorganics
Herman Lin	Senior Inorganic Chemist	Inorganics
Nikki Stepniewski	Non-metallic Supervisor	Inorganics

General Comments

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insuffient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for processing purposes. If the sampling time is displayed as 0:00 the information was not provided by client.

Key : CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
LOR = Limit of reporting
^ = This result is computed from individual analyte detections at or above the level of reporting

- **EK067G: LOR has been raised for Total Phosphorus as P.**

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Client sample ID: UCC-P1	LCC-P2	USS-P3	CP-1S	CP-1D
				Client sampling date / time: 18-NOV-2009 15:34	18-NOV-2009 15:00	18-NOV-2009 15:55	17-NOV-2009 11:25	17-NOV-2009 11:40
				EM0911792-001	EM0911792-002	EM0911792-003	EM0911792-004	EM0911792-005
EA005: pH								
pH Value	----	0.01	pH Unit	5.86	3.14	3.47	6.85	7.27
EA010: Conductivity								
Electrical Conductivity @ 25°C	----	1	µS/cm	6260	6680	18700	47500	40700
ED037P: Alkalinity by PC Titrator								
Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	<1	<1	<1	<1	<1
Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	<1	<1	<1	<1	<1
Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	52	<1	<1	627	587
Total Alkalinity as CaCO3	----	1	mg/L	52	<1	<1	627	587
ED038A: Acidity								
Acidity as CaCO3	----	1	mg/L	81	746	366	----	----
ED040F: Dissolved Major Anions								
Sulfate as SO4 2-	14808-79-8	1	mg/L	765	1350	4110	3220	3340
ED045P: Chloride by PC Titrator								
Chloride	16887-00-6	1	mg/L	1740	1560	5070	16600	13900
ED093F: Dissolved Major Cations								
Calcium	7440-70-2	1	mg/L	146	163	528	773	704
Magnesium	7439-95-4	1	mg/L	161	137	772	1310	1280
Sodium	7440-23-5	1	mg/L	1100	981	3460	10400	8620
Potassium	7440-09-7	1	mg/L	50	38	150	267	233
EG020T: Total Metals by ICP-MS								
Aluminium	7429-90-5	0.01	mg/L	0.20	15.8	11.8	0.20	0.05
Arsenic	7440-38-2	0.001	mg/L	0.023	0.028	0.014	0.009	0.013
Cadmium	7440-43-9	0.0001	mg/L	0.0005	0.0016	0.0020	0.0002	0.0002
Copper	7440-50-8	0.001	mg/L	0.003	0.033	0.013	0.008	0.009
Lead	7439-92-1	0.001	mg/L	0.001	0.009	0.007	<0.001	<0.001
Manganese	7439-96-5	0.001	mg/L	0.900	1.29	8.20	1.48	0.870
Nickel	7440-02-0	0.001	mg/L	0.011	0.134	0.136	0.001	<0.001
Selenium	7782-49-2	0.01	mg/L	<0.01	<0.01	<0.01	0.01	0.02
Zinc	7440-66-6	0.005	mg/L	0.115	0.507	0.144	0.025	0.014
Iron	7439-89-6	0.05	mg/L	36.8	235	118	1.84	0.74
EK059G: NOX as N by Discrete Analyser								
Nitrite + Nitrate as N	----	0.01	mg/L	0.79	0.10	0.31	0.07	0.01
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser								
Total Kjeldahl Nitrogen as N	----	0.1	mg/L	7.3	7.8	23.6	9.1	7.0
EK062G: Total Nitrogen AsN By Discrete Analyset								
^ Total Nitrogen as N	----	0.1	mg/L	8.1	7.9	23.9	9.2	7.0

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Client sample ID: UCC-P1	LCC-P2	USS-P3	CP-1S	CP-1D
				Client sampling date / time: 18-NOV-2009 15:34	18-NOV-2009 15:00	18-NOV-2009 15:55	17-NOV-2009 11:25	17-NOV-2009 11:40
				EM0911792-001	EM0911792-002	EM0911792-003	EM0911792-004	EM0911792-005
EK067G: Total Phosphorus as P by Discrete Analyser								
Total Phosphorus as P	----	0.01	mg/L	**3.54**	**1.17**	**0.18**	**1.08**	**1.05**
EN055: Ionic Balance								
^ Total Anions	----	0.01	meq/L	**66.0**	**72.1**	**228**	**548**	**473**
^ Total Cations	----	0.01	meq/L	**69.7**	----	**244**	**604**	**521**
Total Cations	----	0.01	meq/L	----	**75.7**	----	----	----
^ Ionic Balance	----	0.01	%	**2.71**	**2.41**	**3.25**	**4.79**	**4.86**

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Client sample ID	CP-2S	CP-2D	CP-3S	CP-3D	CP-4S
				Client sampling date / time	17-NOV-2009 12:02	17-NOV-2009 12:15	17-NOV-2009 12:22	17-NOV-2009 12:47	17-NOV-2009 13:00
					EM0911792-006	EM0911792-007	EM0911792-008	EM0911792-009	EM0911792-010
EA005: pH									
pH Value	----	0.01	pH Unit		3.37	6.99	3.25	6.97	3.23
EA010: Conductivity									
Electrical Conductivity @ 25°C	----	1	µS/cm		31200	46200	20100	30400	13600
ED037P: Alkalinity by PC Titrator									
Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L		<1	<1	<1	<1	<1
Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L		<1	<1	<1	<1	<1
Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L		<1	625	<1	761	<1
Total Alkalinity as CaCO3	----	1	mg/L		<1	625	<1	761	<1
ED038A: Acidity									
Acidity as CaCO3	----	1	mg/L		708	----	295	----	698
ED040F: Dissolved Major Anions									
Sulfate as SO4 2-	14808-79-8	1	mg/L		5210	4150	3830	1800	5140
ED045P: Chloride by PC Titrator									
Chloride	16887-00-6	1	mg/L		9780	16500	5140	10500	2770
ED093F: Dissolved Major Cations									
Calcium	7440-70-2	1	mg/L		549	875	423	591	494
Magnesium	7439-95-4	1	mg/L		1120	1260	803	871	775
Sodium	7440-23-5	1	mg/L		6330	10000	3590	5600	2090
Potassium	7440-09-7	1	mg/L		216	366	159	172	119
EG020T: Total Metals by ICP-MS									
Aluminium	7429-90-5	0.01	mg/L		28.1	0.16	3.78	0.12	38.2
Arsenic	7440-38-2	0.001	mg/L		0.008	0.008	0.005	0.008	0.007
Cadmium	7440-43-9	0.0001	mg/L		0.0007	0.0004	0.0003	0.0002	0.0007
Copper	7440-50-8	0.001	mg/L		0.015	0.009	0.011	0.005	0.019
Lead	7439-92-1	0.001	mg/L		0.013	<0.001	0.005	<0.001	0.010
Manganese	7439-96-5	0.001	mg/L		11.1	1.52	5.43	0.999	13.4
Nickel	7440-02-0	0.001	mg/L		0.444	0.001	0.208	0.002	0.500
Selenium	7782-49-2	0.01	mg/L		0.02	0.01	0.01	0.01	0.01
Zinc	7440-66-6	0.005	mg/L		0.243	0.020	0.266	0.014	0.307
Iron	7439-89-6	0.05	mg/L		209	1.67	97.3	0.47	166
EK059G: NOX as N by Discrete Analyser									
Nitrite + Nitrate as N	----	0.01	mg/L		0.09	<0.01	0.03	0.02	0.09
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser									
Total Kjeldahl Nitrogen as N	----	0.1	mg/L		4.6	8.3	3.9	6.5	3.6
EK062G: Total Nitrogen AsN By Discrete Analyset									
^ Total Nitrogen as N	----	0.1	mg/L		4.7	8.3	4.0	6.5	3.7

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Client sample ID: CP-2S	CP-2D	CP-3S	CP-3D	CP-4S
				Client sampling date / time: 17-NOV-2009 12:02	17-NOV-2009 12:15	17-NOV-2009 12:22	17-NOV-2009 12:47	17-NOV-2009 13:00
				EM0911792-006	EM0911792-007	EM0911792-008	EM0911792-009	EM0911792-010
EK067G: Total Phosphorus as P by Discrete Analyser								
Total Phosphorus as P	----	0.01	mg/L	**0.25**	**1.00**	**0.12**	**1.43**	**0.14**
EN055: Ionic Balance								
^ Total Anions	----	0.01	meq/L	**384**	**566**	**225**	**348**	**185**
^ Total Cations	----	0.01	meq/L	**400**	**595**	**247**	**349**	**182**
^ Ionic Balance	----	0.01	%	**2.03**	**2.48**	**4.73**	**0.04**	**0.71**

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Client sample ID: CP-4M Client sampling date / time: 17-NOV-2009 13:10 EM0911792-011	Client sample ID: CP-4D Client sampling date / time: 17-NOV-2009 13:24 EM0911792-012	Client sample ID: WM-1S Client sampling date / time: 16-NOV-2009 16:38 EM0911792-013	Client sample ID: WM-1D Client sampling date / time: 16-NOV-2009 16:48 EM0911792-014	Client sample ID: WM-2S Client sampling date / time: 16-NOV-2009 16:57 EM0911792-015
EA005: pH								
pH Value	----	0.01	pH Unit	7.11	6.90	7.28	6.85	7.20
EA010: Conductivity								
Electrical Conductivity @ 25°C	----	1	µS/cm	14600	19100	29200	25900	29800
ED037P: Alkalinity by PC Titrator								
Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	<1	<1	<1	<1	<1
Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	<1	<1	<1	40	<1
Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	792	239	512	309	598
Total Alkalinity as CaCO3	----	1	mg/L	792	239	512	349	598
ED040F: Dissolved Major Anions								
Sulfate as SO4 2-	14808-79-8	1	mg/L	537	634	1850	1200	1820
ED045P: Chloride by PC Titrator								
Chloride	16887-00-6	1	mg/L	4540	6930	11900	8850	10100
ED093F: Dissolved Major Cations								
Calcium	7440-70-2	1	mg/L	272	384	391	338	448
Magnesium	7439-95-4	1	mg/L	349	546	764	576	854
Sodium	7440-23-5	1	mg/L	2860	3810	6350	5600	6200
Potassium	7440-09-7	1	mg/L	68	74	174	114	122
EG020T: Total Metals by ICP-MS								
Aluminium	7429-90-5	0.01	mg/L	0.57	0.05	0.02	0.03	0.12
Arsenic	7440-38-2	0.001	mg/L	0.004	0.016	0.005	0.022	0.004
Cadmium	7440-43-9	0.0001	mg/L	<0.0001	0.0003	0.0006	0.0001	0.0003
Copper	7440-50-8	0.001	mg/L	0.003	0.002	0.005	0.003	0.005
Lead	7439-92-1	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese	7439-96-5	0.001	mg/L	0.842	0.164	0.511	1.66	1.11
Nickel	7440-02-0	0.001	mg/L	0.007	0.001	0.002	0.006	0.003
Selenium	7782-49-2	0.01	mg/L	<0.01	<0.01	0.01	<0.01	<0.01
Zinc	7440-66-6	0.005	mg/L	0.022	0.009	0.012	0.018	0.017
Iron	7439-89-6	0.05	mg/L	2.40	3.67	0.91	1.91	3.07
EK059G: NOX as N by Discrete Analyser								
Nitrite + Nitrate as N	----	0.01	mg/L	<0.01	<0.01	<0.01	0.04	0.56
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser								
Total Kjeldahl Nitrogen as N	----	0.1	mg/L	4.2	4.2	1.8	2.1	5.9
EK062G: Total Nitrogen AsN By Discrete Analyset								
^ Total Nitrogen as N	----	0.1	mg/L	4.2	4.2	1.8	2.2	6.4
EK067G: Total Phosphorus as P by Discrete Analyser								
Total Phosphorus as P	----	0.01	mg/L	0.66	0.18	0.74	0.06	1.29

Analytical Results

Sub-Matrix: WATER			Client sample ID	CP-4M	CP-4D	WM-1S	WM-1D	WM-2S
			Client sampling date / time	17-NOV-2009 13:10	17-NOV-2009 13:24	16-NOV-2009 16:38	16-NOV-2009 16:48	16-NOV-2009 16:57
Compound	CAS Number	LOR	Unit	EM0911792-011	EM0911792-012	EM0911792-013	EM0911792-014	EM0911792-015
EN055: Ionic Balance								
^ Total Anions	----	0.01	meq/L	**155**	**214**	**385**	**282**	**334**
^ Total Cations	----	0.01	meq/L	**168**	**232**	**363**	**311**	**366**
^ Ionic Balance	----	0.01	%	**4.04**	**4.10**	**2.99**	**4.91**	**4.43**

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Client sample ID: WM-2D Client sampling date / time: 16-NOV-2009 16:59 EM0911792-016	WM-3S 16-NOV-2009 17:12 EM0911792-017	WM-4S 16-NOV-2009 17:23 EM0911792-018	WM-4D 16-NOV-2009 15:00 EM0911792-019	PS-1S 18-NOV-2009 09:29 EM0911792-020
EA005: pH								
pH Value	----	0.01	pH Unit	7.30	7.15	6.99	6.65	6.95
EA010: Conductivity								
Electrical Conductivity @ 25°C	----	1	µS/cm	28400	21600	14700	27300	4950
ED037P: Alkalinity by PC Titrator								
Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	<1	<1	<1	<1	<1
Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	<1	<1	<1	<1	<1
Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	541	872	1030	443	224
Total Alkalinity as CaCO3	----	1	mg/L	541	872	1030	443	224
ED040F: Dissolved Major Anions								
Sulfate as SO4 2-	14808-79-8	1	mg/L	1860	674	266	1250	2390
ED045P: Chloride by PC Titrator								
Chloride	16887-00-6	1	mg/L	9390	7350	4020	10400	285
ED093F: Dissolved Major Cations								
Calcium	7440-70-2	1	mg/L	394	541	335	794	168
Magnesium	7439-95-4	1	mg/L	765	822	545	1120	182
Sodium	7440-23-5	1	mg/L	4940	3540	2080	4500	871
Potassium	7440-09-7	1	mg/L	176	77	57	83	62
EG020T: Total Metals by ICP-MS								
Aluminium	7429-90-5	0.01	mg/L	0.02	0.13	0.02	0.02	0.04
Arsenic	7440-38-2	0.001	mg/L	0.005	0.005	0.004	0.032	<0.001
Cadmium	7440-43-9	0.0001	mg/L	0.0001	0.0002	0.0006	0.0003	<0.0001
Copper	7440-50-8	0.001	mg/L	0.006	0.005	0.001	0.005	0.006
Lead	7439-92-1	0.001	mg/L	<0.001	0.002	<0.001	<0.001	<0.001
Manganese	7439-96-5	0.001	mg/L	0.515	1.17	3.24	2.53	3.01
Nickel	7440-02-0	0.001	mg/L	0.004	0.002	0.003	0.003	0.030
Selenium	7782-49-2	0.01	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Zinc	7440-66-6	0.005	mg/L	0.009	0.054	<0.005	0.017	0.018
Iron	7439-89-6	0.05	mg/L	0.94	12.4	1.06	26.6	1.30
EK059G: NOX as N by Discrete Analyser								
Nitrite + Nitrate as N	----	0.01	mg/L	0.05	1.60	0.99	<0.01	0.02
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser								
Total Kjeldahl Nitrogen as N	----	0.1	mg/L	1.8	11.7	32.1	12.4	0.6
EK062G: Total Nitrogen AsN By Discrete Analyset								
^ Total Nitrogen as N	----	0.1	mg/L	1.8	13.3	33.1	12.4	0.6
EK067G: Total Phosphorus as P by Discrete Analyser								
Total Phosphorus as P	----	0.01	mg/L	0.18	1.13	1.62	0.03	0.13

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Client sample ID: WM-2D Client sampling date / time: 16-NOV-2009 16:59 EM0911792-016	WM-3S 16-NOV-2009 17:12 EM0911792-017	WM-4S 16-NOV-2009 17:23 EM0911792-018	WM-4D 16-NOV-2009 15:00 EM0911792-019	PS-1S 18-NOV-2009 09:29 EM0911792-020
EN055: Ionic Balance								
^ Total Anions	----	0.01	meq/L	**315**	**239**	**139**	**328**	**62.2**
^ Total Cations	----	0.01	meq/L	**302**	**251**	**153**	**329**	**62.8**
^ Ionic Balance	----	0.01	%	**2.05**	**2.42**	**4.74**	**0.26**	**0.47**

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Client sample ID: PS-1D Client sampling date / time: 18-NOV-2009 09:40 EM0911792-021	PS-2S 18-NOV-2009 09:55 EM0911792-022	PS-2D 18-NOV-2009 10:03 EM0911792-023	PS-3S 18-NOV-2009 10:24 EM0911792-024	PS-3D 18-NOV-2009 10:40 EM0911792-025
EA005: pH								
pH Value	----	0.01	pH Unit	7.56	3.20	7.40	7.30	7.20
EA010: Conductivity								
Electrical Conductivity @ 25°C	----	1	µS/cm	10400	8040	11200	6820	18200
ED037P: Alkalinity by PC Titrator								
Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	<1	<1	<1	<1	<1
Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	<1	<1	<1	<1	<1
Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	727	<1	503	470	459
Total Alkalinity as CaCO3	----	1	mg/L	727	<1	503	470	459
ED038A: Acidity								
Acidity as CaCO3	----	1	mg/L	----	309	----	----	----
ED040F: Dissolved Major Anions								
Sulfate as SO4 2-	14808-79-8	1	mg/L	847	3810	603	372	628
ED045P: Chloride by PC Titrator								
Chloride	16887-00-6	1	mg/L	2550	1080	3260	1790	5340
ED093F: Dissolved Major Cations								
Calcium	7440-70-2	1	mg/L	47	294	158	132	347
Magnesium	7439-95-4	1	mg/L	69	484	239	162	487
Sodium	7440-23-5	1	mg/L	2310	1040	2160	1230	2990
Potassium	7440-09-7	1	mg/L	52	110	58	42	65
EG020T: Total Metals by ICP-MS								
Aluminium	7429-90-5	0.01	mg/L	1.39	16.9	0.19	0.13	0.09
Arsenic	7440-38-2	0.001	mg/L	0.067	0.003	0.042	0.006	0.029
Cadmium	7440-43-9	0.0001	mg/L	<0.0001	0.0004	<0.0001	0.0003	0.0001
Copper	7440-50-8	0.001	mg/L	0.006	0.008	0.001	0.001	0.002
Lead	7439-92-1	0.001	mg/L	0.002	0.009	<0.001	<0.001	<0.001
Manganese	7439-96-5	0.001	mg/L	0.161	25.4	0.410	1.06	0.583
Nickel	7440-02-0	0.001	mg/L	0.010	0.092	0.004	0.001	0.002
Selenium	7782-49-2	0.01	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01
Zinc	7440-66-6	0.005	mg/L	0.017	0.218	0.015	0.020	0.018
Iron	7439-89-6	0.05	mg/L	1.27	72.7	0.90	0.19	1.69
EK059G: NOX as N by Discrete Analyser								
Nitrite + Nitrate as N	----	0.01	mg/L	0.02	0.01	0.22	1.04	0.41
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser								
Total Kjeldahl Nitrogen as N	----	0.1	mg/L	1.0	2.8	1.9	5.8	5.1
EK062G: Total Nitrogen AsN By Discrete Analyset								
^ Total Nitrogen as N	----	0.1	mg/L	1.0	2.8	2.1	6.8	5.5

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Client sample ID: PS-1D	PS-2S	PS-2D	PS-3S	PS-3D
				Client sampling date / time: 18-NOV-2009 09:40	18-NOV-2009 09:55	18-NOV-2009 10:03	18-NOV-2009 10:24	18-NOV-2009 10:40
				EM0911792-021	EM0911792-022	EM0911792-023	EM0911792-024	EM0911792-025
EK067G: Total Phosphorus as P by Discrete Analyser								
Total Phosphorus as P	----	0.01	mg/L	**0.12**	**0.11**	**0.15**	**1.36**	**0.33**
EN055: Ionic Balance								
^ Total Anions	----	0.01	meq/L	**104**	**110**	**115**	**67.6**	**173**
^ Total Cations	----	0.01	meq/L	**110**	**103**	**123**	**74.5**	**189**
^ Ionic Balance	----	0.01	%	**2.62**	**3.28**	**3.51**	**4.83**	**4.48**

Analytical Results

Sub-Matrix: **WATER**

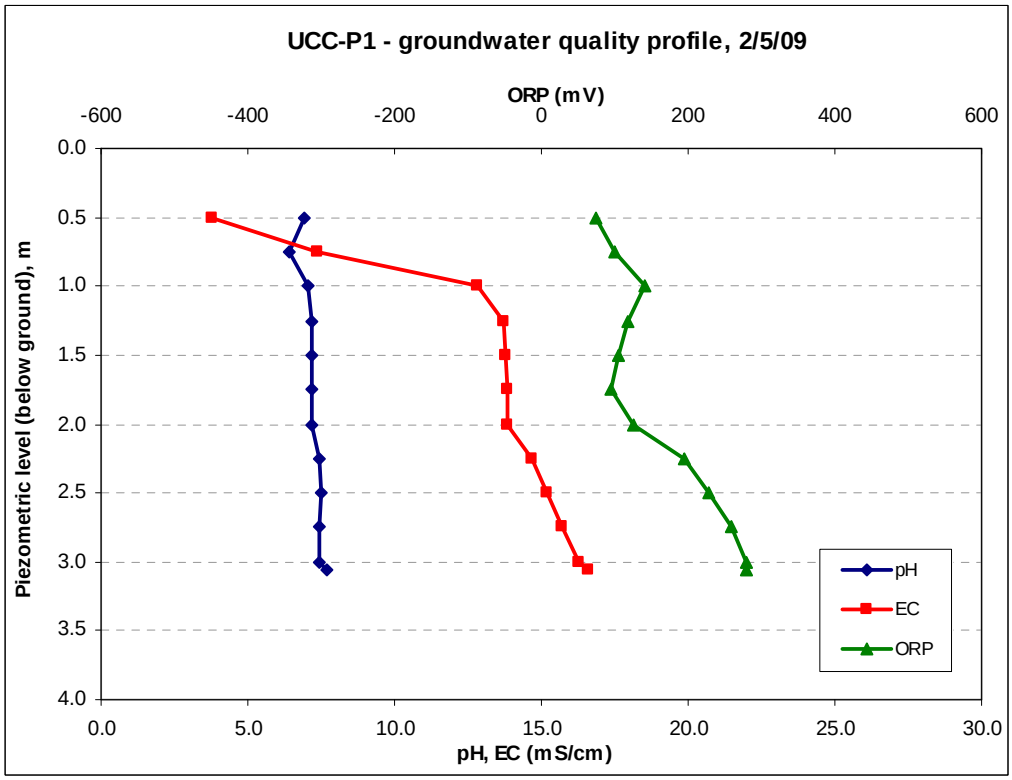
Compound	CAS Number	LOR	Unit	Client sample ID: PS-4S	PS-4M	PS-4D	----	----
				Client sampling date / time: 18-NOV-2009 10:48	18-NOV-2009 11:02	18-NOV-2009 11:12	----	----
				EM0911792-026	EM0911792-027	EM0911792-028	----	----
EA005: pH								
pH Value	----	0.01	pH Unit	**6.85**	**7.20**	**7.27**	----	----
EA010: Conductivity								
Electrical Conductivity @ 25°C	----	1	µS/cm	**7150**	**17800**	**5930**	----	----
ED037P: Alkalinity by PC Titrator								
Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	<1	<1	<1	----	----
Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	<1	<1	<1	----	----
Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	**397**	**459**	**704**	----	----
Total Alkalinity as CaCO3	----	1	mg/L	**397**	**459**	**704**	----	----
ED040F: Dissolved Major Anions								
Sulfate as SO4 2-	14808-79-8	1	mg/L	**321**	**632**	**214**	----	----
ED045P: Chloride by PC Titrator								
Chloride	16887-00-6	1	mg/L	**1750**	**5950**	**1420**	----	----
ED093F: Dissolved Major Cations								
Calcium	7440-70-2	1	mg/L	**143**	**343**	**114**	----	----
Magnesium	7439-95-4	1	mg/L	**134**	**489**	**159**	----	----
Sodium	7440-23-5	1	mg/L	**1040**	**3370**	**1030**	----	----
Potassium	7440-09-7	1	mg/L	**33**	**64**	**36**	----	----
EG020T: Total Metals by ICP-MS								
Aluminium	7429-90-5	0.01	mg/L	**0.10**	**0.32**	**0.12**	----	----
Arsenic	7440-38-2	0.001	mg/L	**0.040**	**0.031**	**0.044**	----	----
Cadmium	7440-43-9	0.0001	mg/L	**0.0003**	<0.0001	<0.0001	----	----
Copper	7440-50-8	0.001	mg/L	**0.001**	**0.002**	<0.001	----	----
Lead	7439-92-1	0.001	mg/L	<0.001	<0.001	<0.001	----	----
Manganese	7439-96-5	0.001	mg/L	**3.96**	**0.587**	**0.974**	----	----
Nickel	7440-02-0	0.001	mg/L	**0.001**	**0.002**	**0.002**	----	----
Selenium	7782-49-2	0.01	mg/L	<0.01	<0.01	<0.01	----	----
Zinc	7440-66-6	0.005	mg/L	**0.024**	**0.021**	**0.020**	----	----
Iron	7439-89-6	0.05	mg/L	**18.2**	**1.80**	**2.03**	----	----
EK059G: NOX as N by Discrete Analyser								
Nitrite + Nitrate as N	----	0.01	mg/L	**0.76**	**0.41**	**0.10**	----	----
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser								
Total Kjeldahl Nitrogen as N	----	0.1	mg/L	**31.0**	**4.8**	**13.5**	----	----
EK062G: Total Nitrogen AsN By Discrete Analyset								
^ Total Nitrogen as N	----	0.1	mg/L	**31.7**	**5.2**	**13.6**	----	----
EK067G: Total Phosphorus as P by Discrete Analyser								
Total Phosphorus as P	----	0.01	mg/L	**0.97**	**0.55**	**0.38**	----	----

Analytical Results

Sub-Matrix: WATER				Client sample ID	PS-4S	PS-4M	PS-4D	----	----
				Client sampling date / time	18-NOV-2009 10:48	18-NOV-2009 11:02	18-NOV-2009 11:12	----	----
Compound	CAS Number	LOR	Unit		EM0911792-026	EM0911792-027	EM0911792-028	----	----
EN055: Ionic Balance									
^ Total Anions	----	0.01	meq/L		**64.1**	**190**	**58.7**	----	----
^ Total Cations	----	0.01	meq/L		**64.5**	**206**	**64.3**	----	----
^ Ionic Balance	----	0.01	%		**0.26**	**3.87**	**4.56**	----	----

Attachment N:

Variation in groundwater quality with depth at Currency Creek, Lake Alexandrina and Lake Albert


UCC-P1 - groundwater quality profile, 2/5/09
ORP (mV)
-600
-400
-200
0
200
400
600
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
Piezometric level (below ground), m
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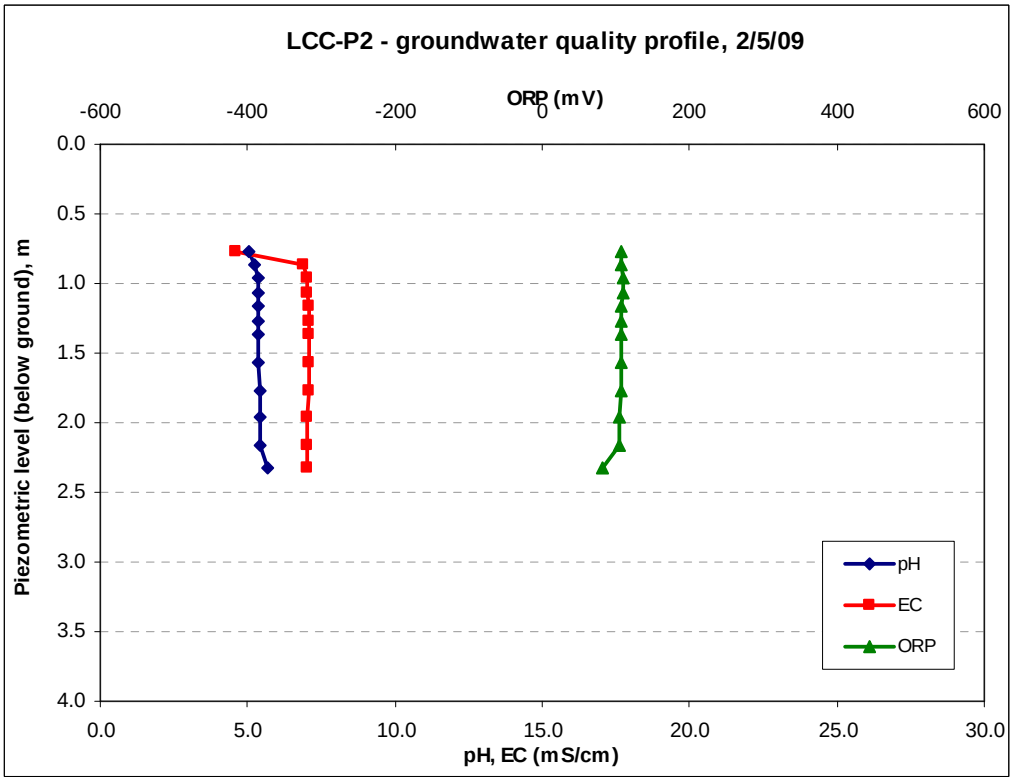
5.0
10.0
15.0
20.0
25.0
30.0
pH, EC (mS/cm)
pH
EC
ORP


LCC-P2 - groundwater quality profile, 2/5/09
ORP (mV)
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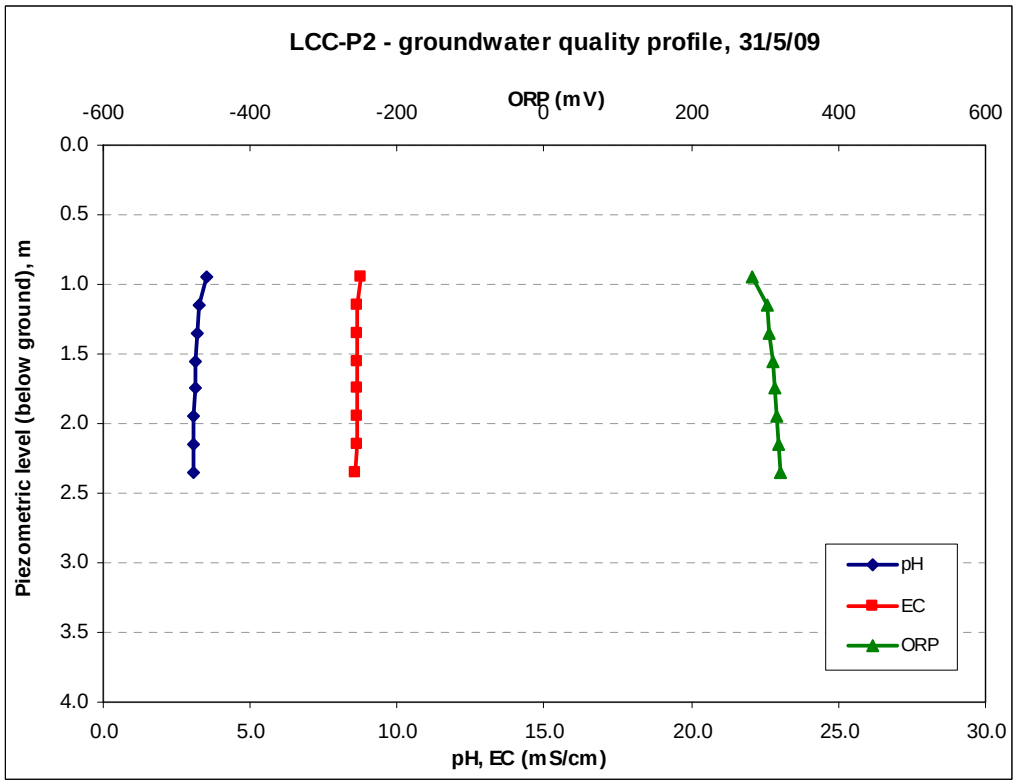
-400
-200
0
200
400
600
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
Piezometric level (below ground), m
0.0
5.0
10.0
15.0
20.0
25.0
30.0
pH, EC (mS/cm)
pH
EC
ORP


UCC-P1 - groundwater quality profile, 31/5/09
ORP (mV)
-600
-400
-200
0
200
400
600
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
Piezometric level (below ground), m
0.0
5.0
10.0
15.0
20.0
25.0
30.0
pH, EC (mS/cm)
pH
EC
ORP


LCC-P2 - groundwater quality profile, 31/5/09
ORP (mV)
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-400
-200
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200
400
600
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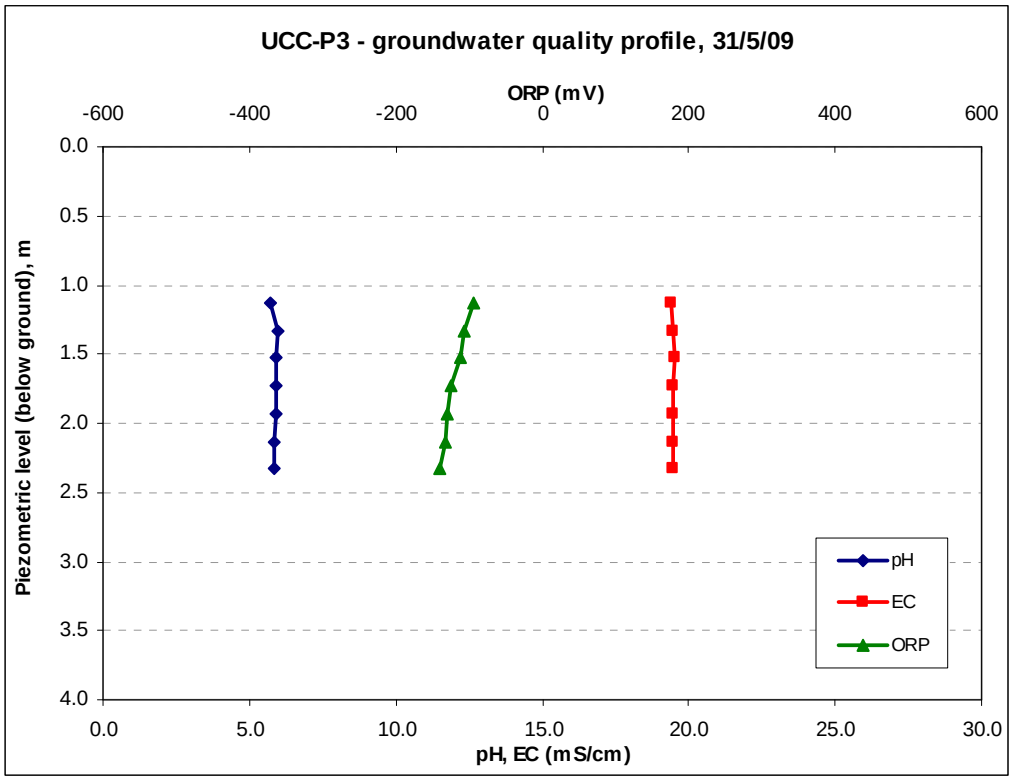
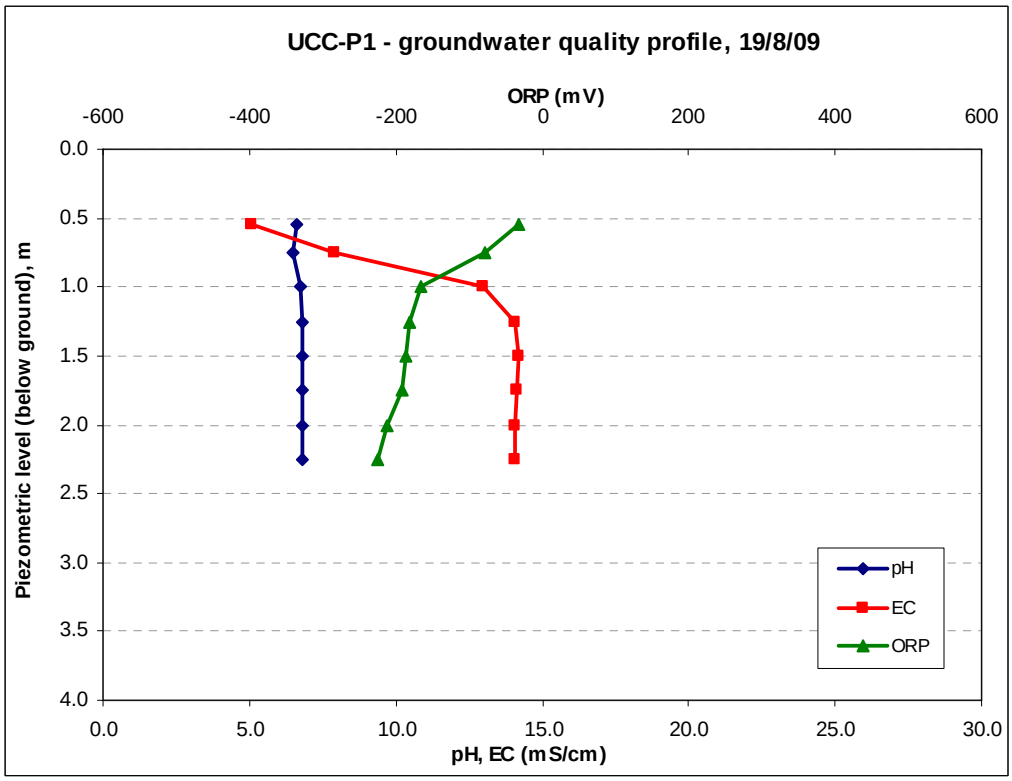
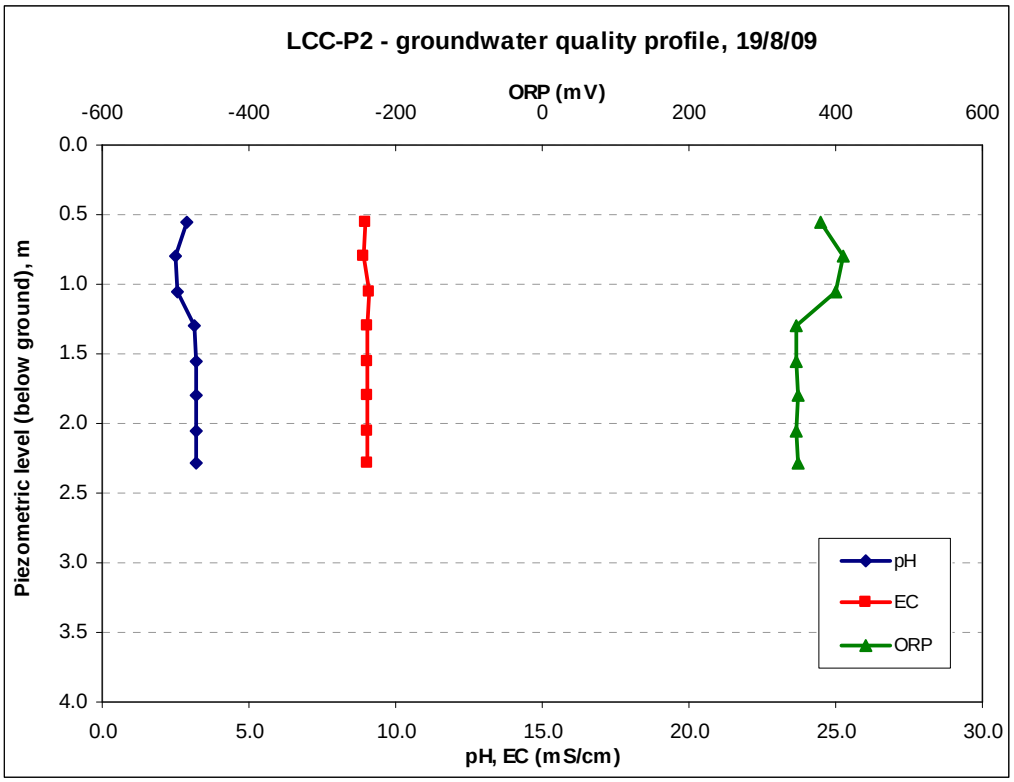
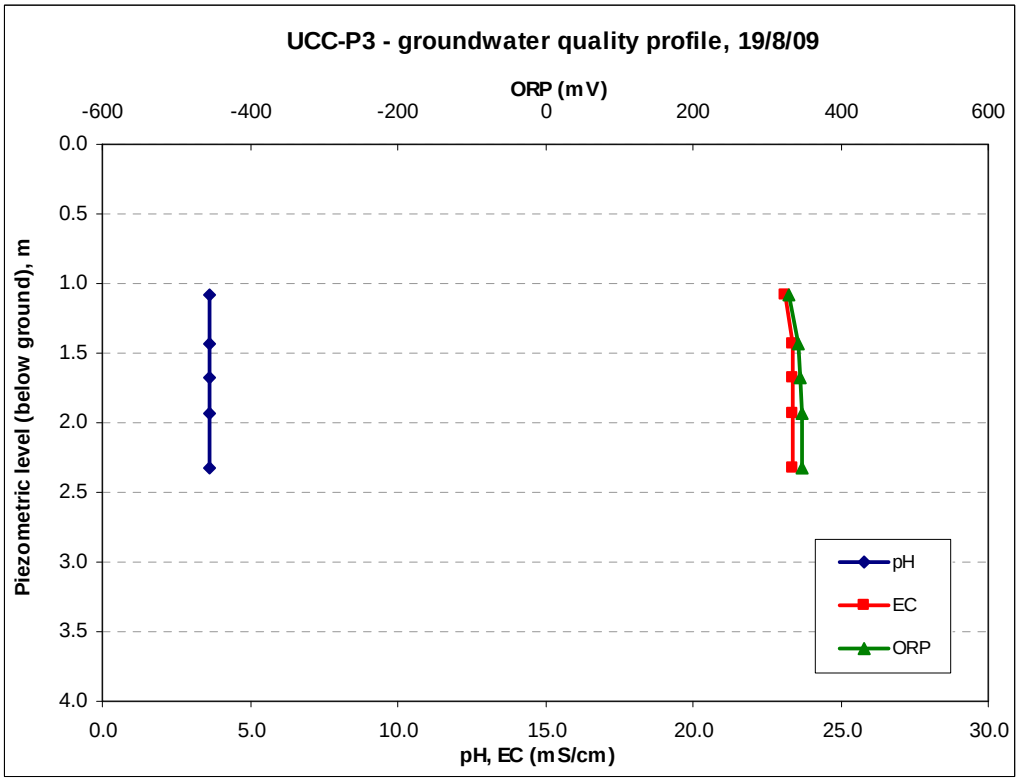
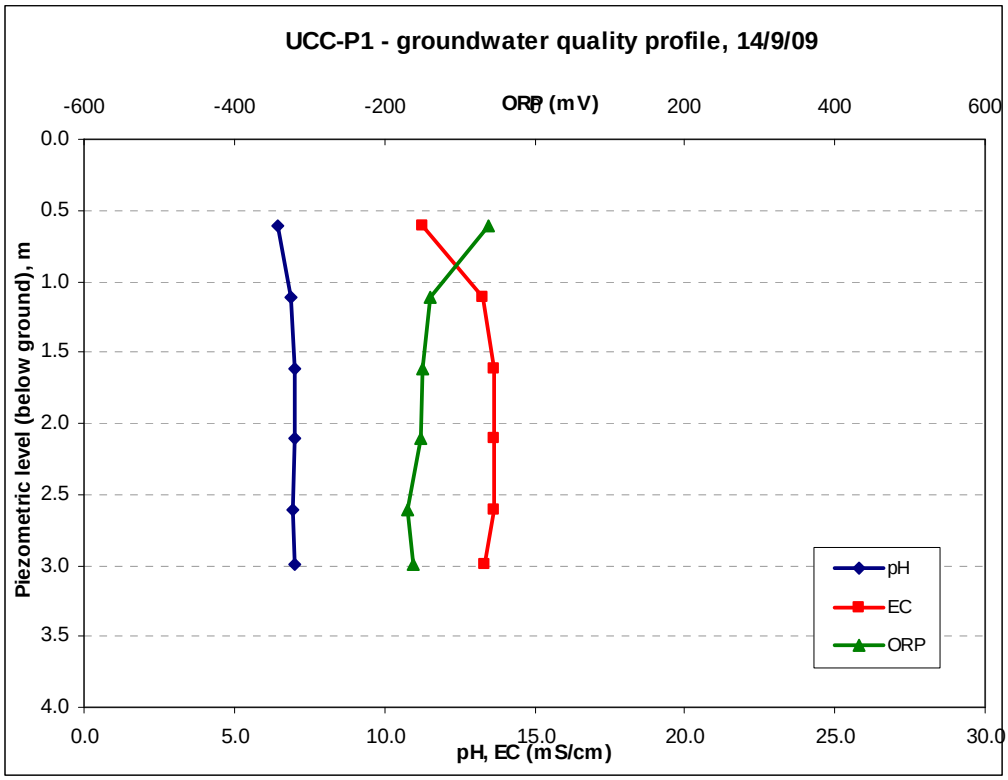
1.0
1.5
2.0
2.5
3.0
3.5
4.0
Piezometric level (below ground), m
0.0
5.0
10.0
15.0
20.0
25.0
30.0
pH, EC (mS/cm)
pH
EC
ORP

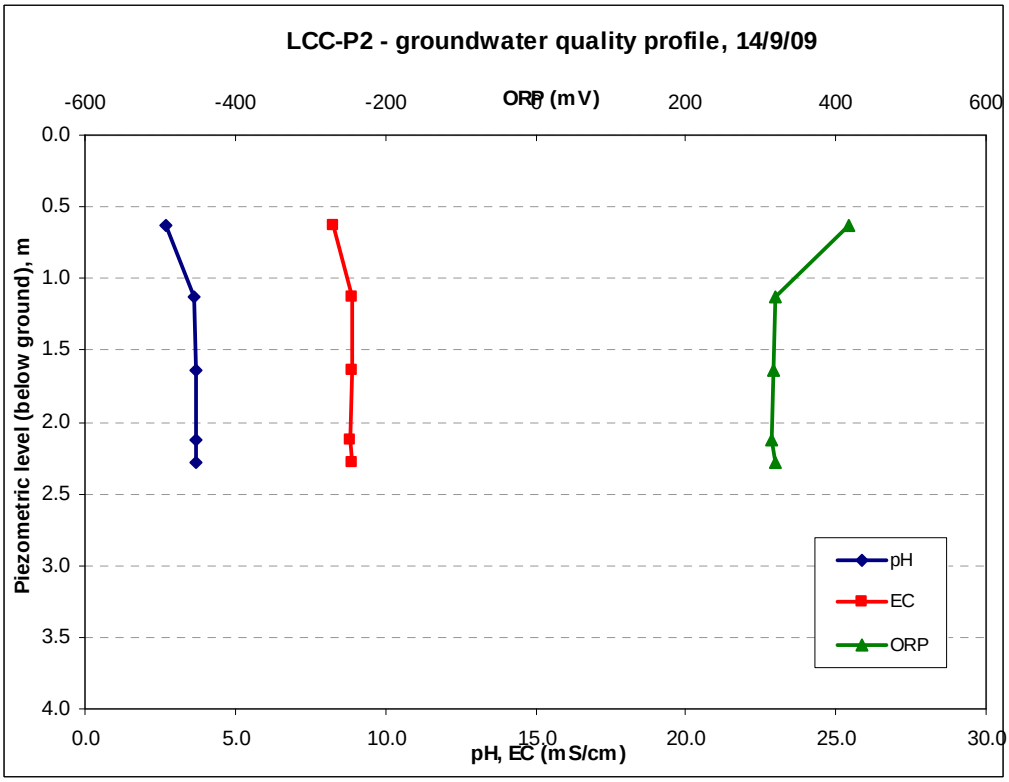

UCC-P3 - groundwater quality profile, 31/5/09
ORP (mV)
-600
-400
-200
0
200
400
600
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
Piezometric level (below ground), m
0.0
5.0
10.0
15.0
20.0
25.0
30.0
pH, EC (mS/cm)
pH
EC
ORP

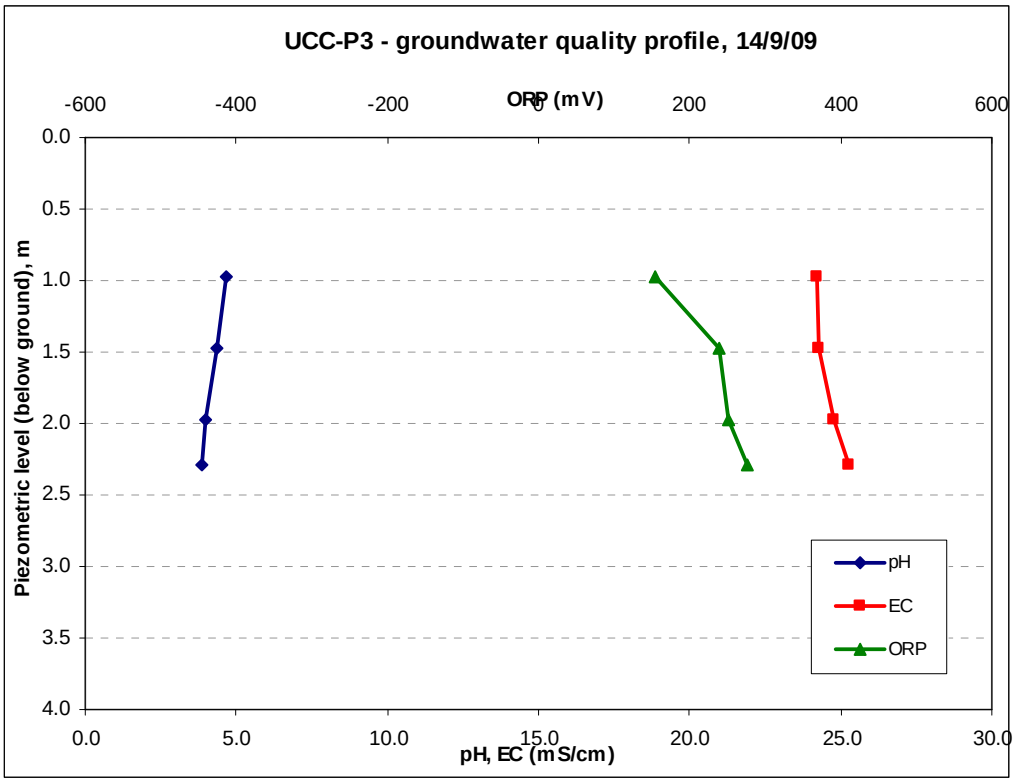

UCC-P1 - groundwater quality profile, 19/8/09
ORP (mV)
-600
-400
-200
0
200
400
600
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
Piezometric level (below ground), m
0.0
5.0
10.0
15.0
20.0
25.0
30.0
pH, EC (mS/cm)
pH
EC
ORP

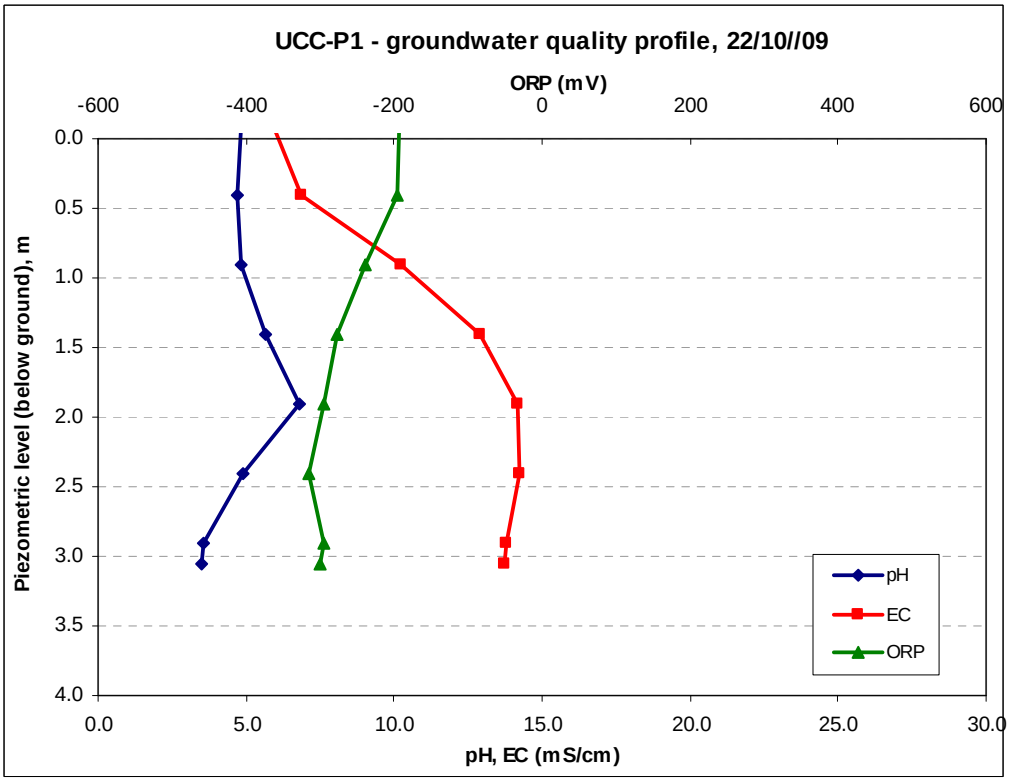

LCC-P2 - groundwater quality profile, 19/8/09
ORP (mV)
-600
-400
-200
0
200
400
600
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
Piezometric level (below ground), m
0.0
5.0
10.0
15.0
20.0
25.0
30.0
pH, EC (mS/cm)
pH
EC
ORP

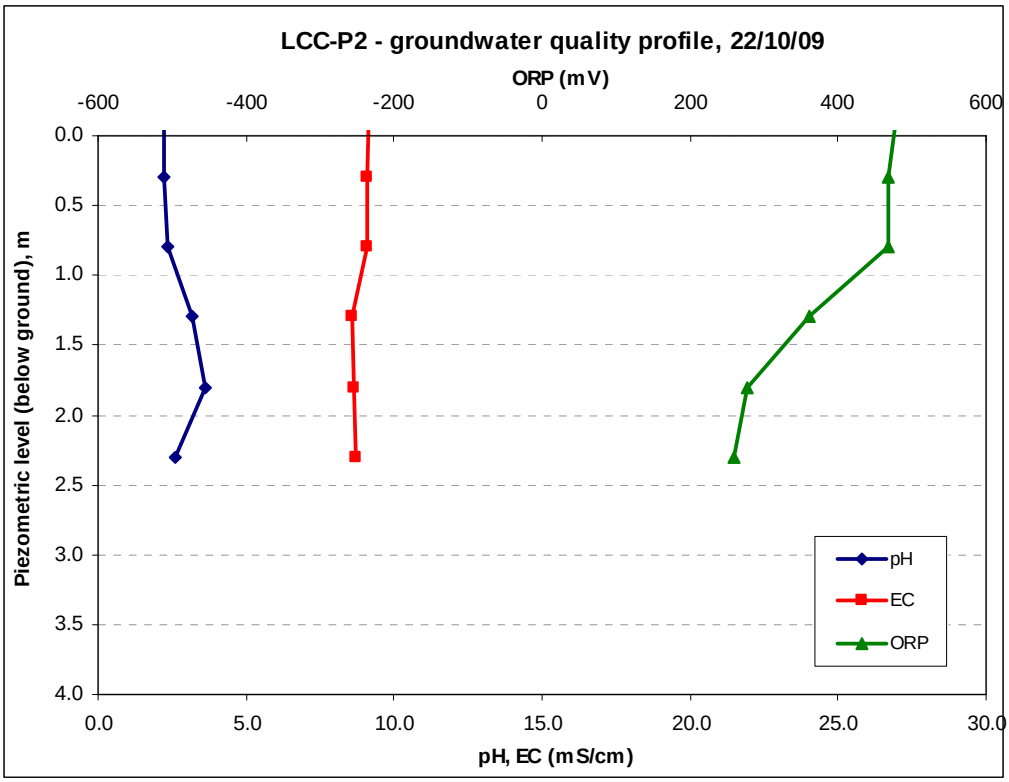

UCC-P3 - groundwater quality profile, 19/8/09
ORP (mV)
-600
-400
-200
0
200
400
600
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
Piezometric level (below ground), m
0.0
5.0
10.0
15.0
20.0
25.0
30.0
pH, EC (mS/cm)
pH
EC
ORP

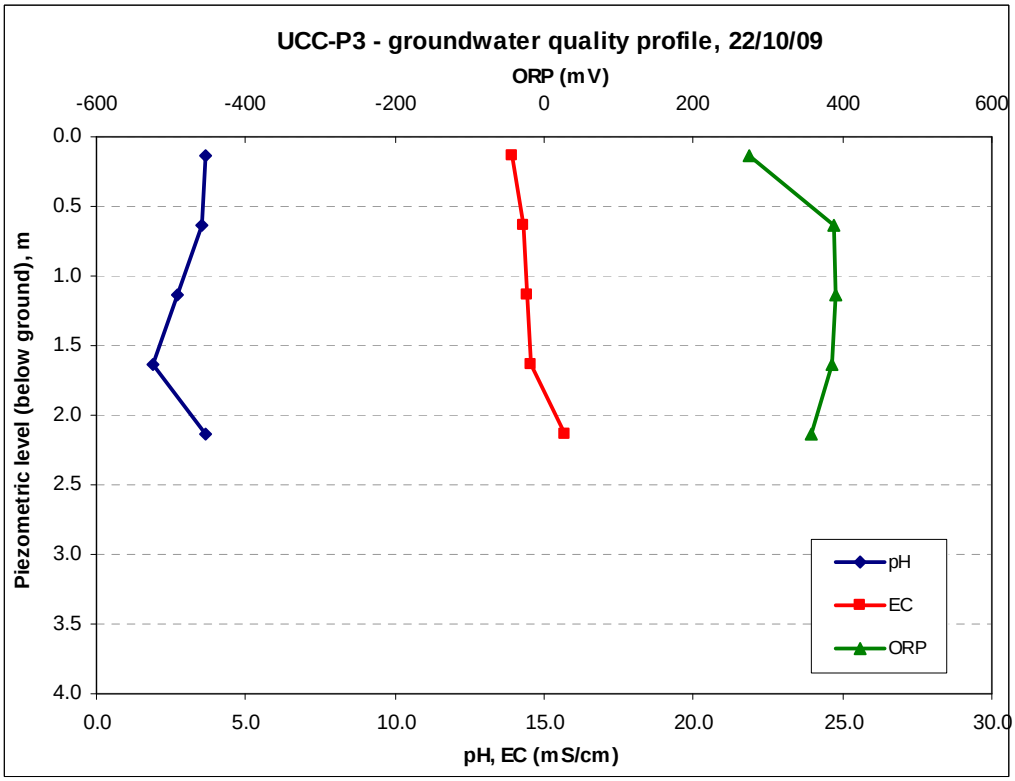

UCC-P1 - groundwater quality profile, 14/9/09
ORP (mV)
-600
-400
-200
0
200
400
600
Piezometric level (below ground), m
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
pH
EC
ORP
0.0
5.0
10.0
15.0
20.0
25.0
30.0
pH, EC (mS/cm)

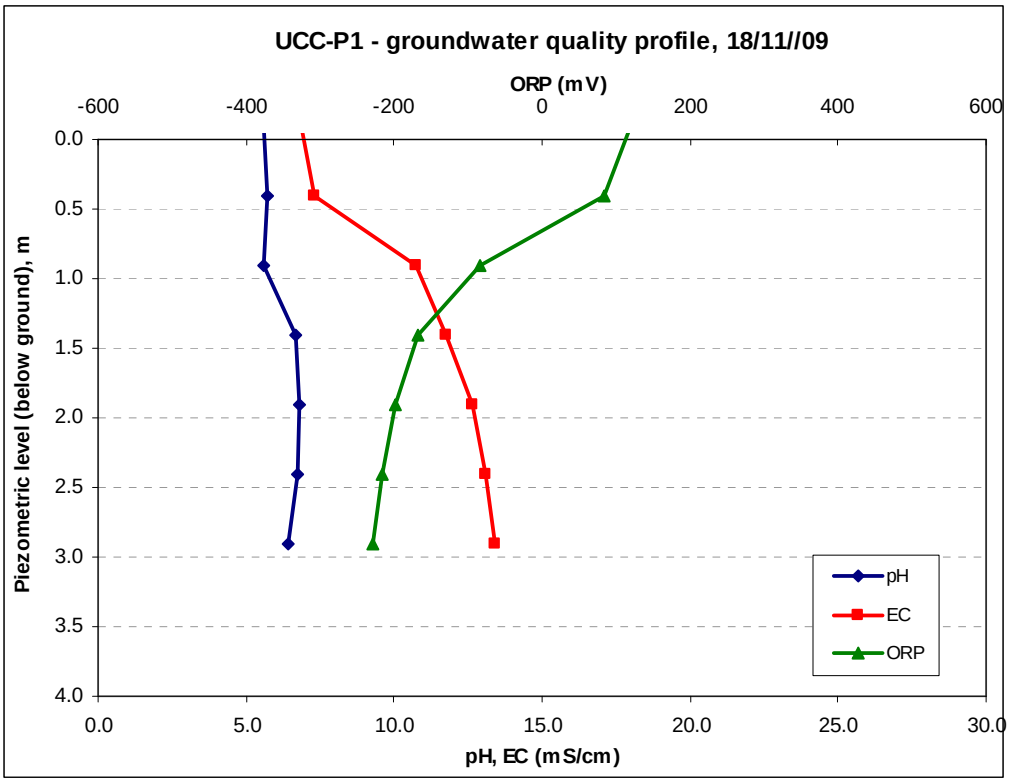

LCC-P2 - groundwater quality profile, 14/9/09
ORP (mV)
-600
-400
-200
0
200
400
600
Piezometric level (below ground), m
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
pH
EC
ORP
0.0
5.0
10.0
15.0
20.0
25.0
30.0
pH, EC (mS/cm)

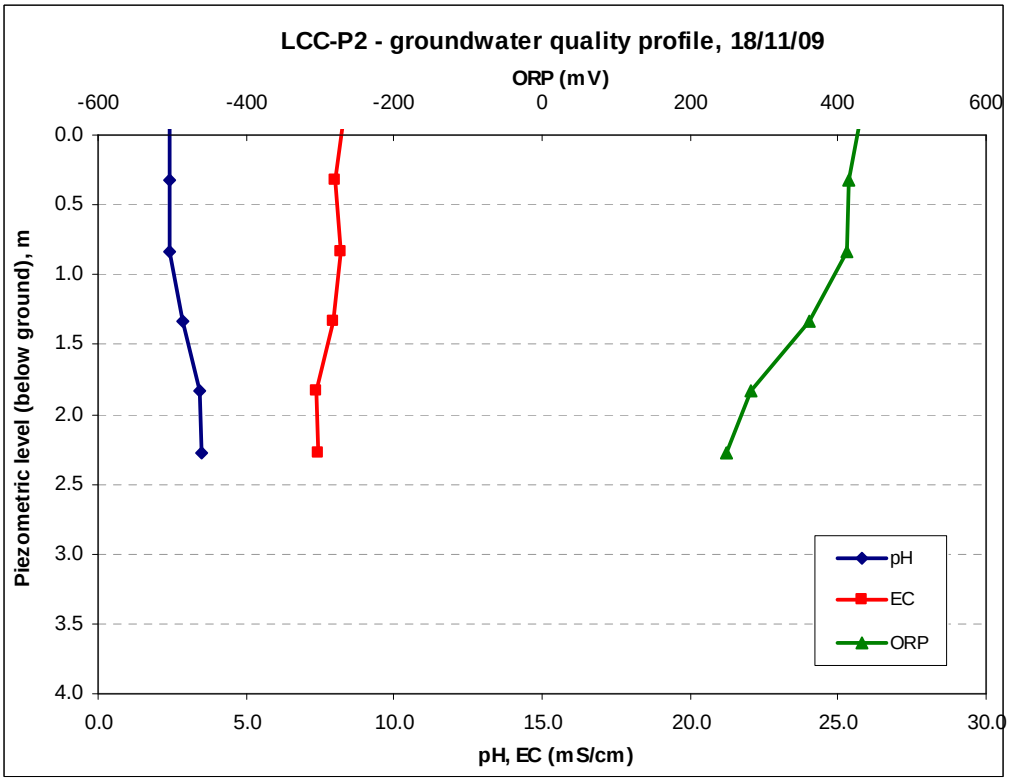

UCC-P3 - groundwater quality profile, 14/9/09
ORP (mV)
-600
-400
-200
0
200
400
600
Piezometric level (below ground), m
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
0.0
5.0
10.0
15.0
20.0
25.0
30.0
pH, EC (mS/cm)
pH
EC
ORP

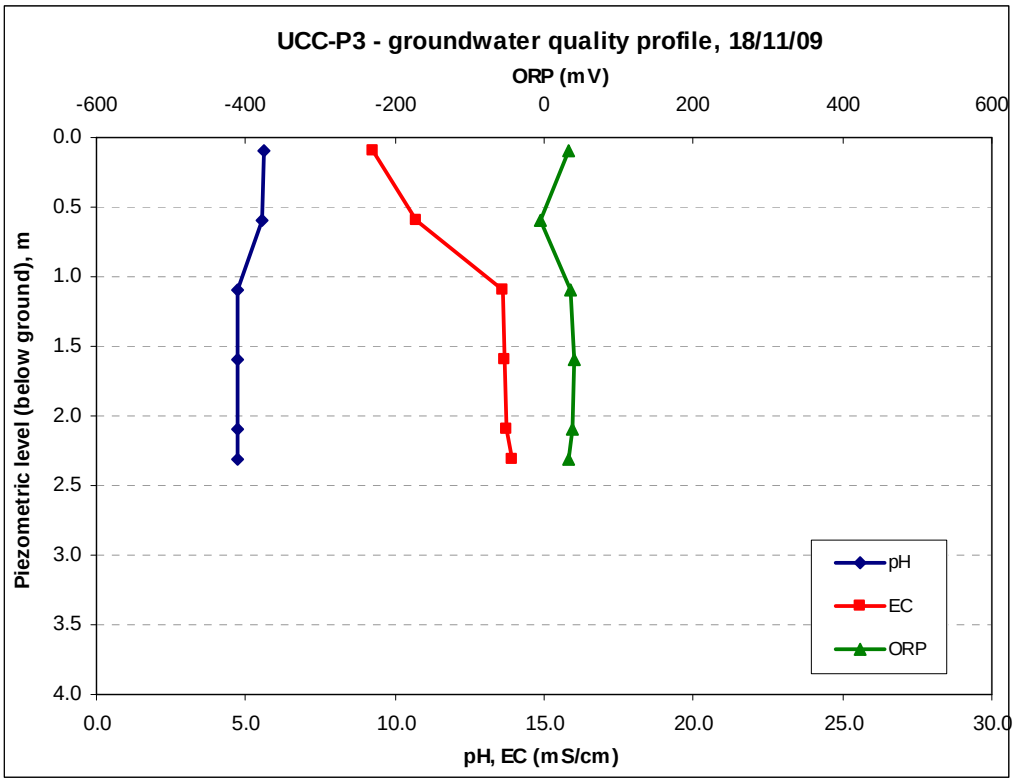

UCC-P1 - groundwater quality profile, 22/10//09
ORP (mV)
-600
-400
-200
0
200
400
600
Piezometric level (below ground), m
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
0.0
5.0
10.0
15.0
20.0
25.0
30.0
pH, EC (mS/cm)
pH
EC
ORP

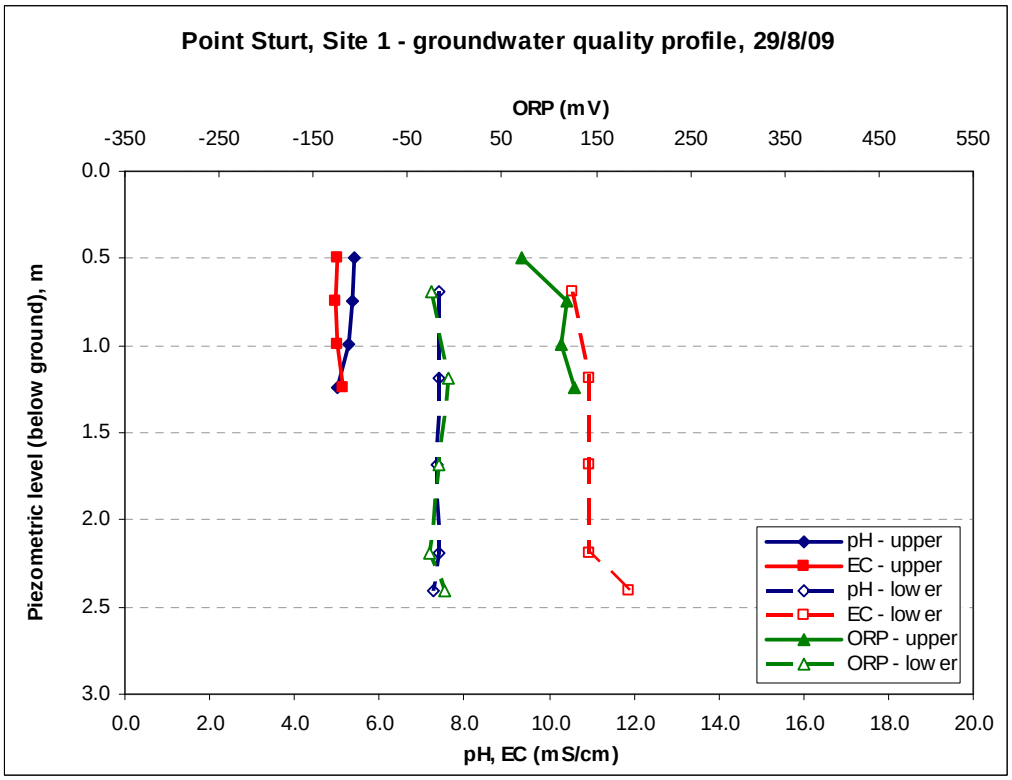

LCC-P2 - groundwater quality profile, 22/10/09
ORP (mV)
-600
-400
-200
0
200
400
600
Piezometric level (below ground), m
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
0.0
5.0
10.0
15.0
20.0
25.0
30.0
pH, EC (mS/cm)
pH
EC
ORP

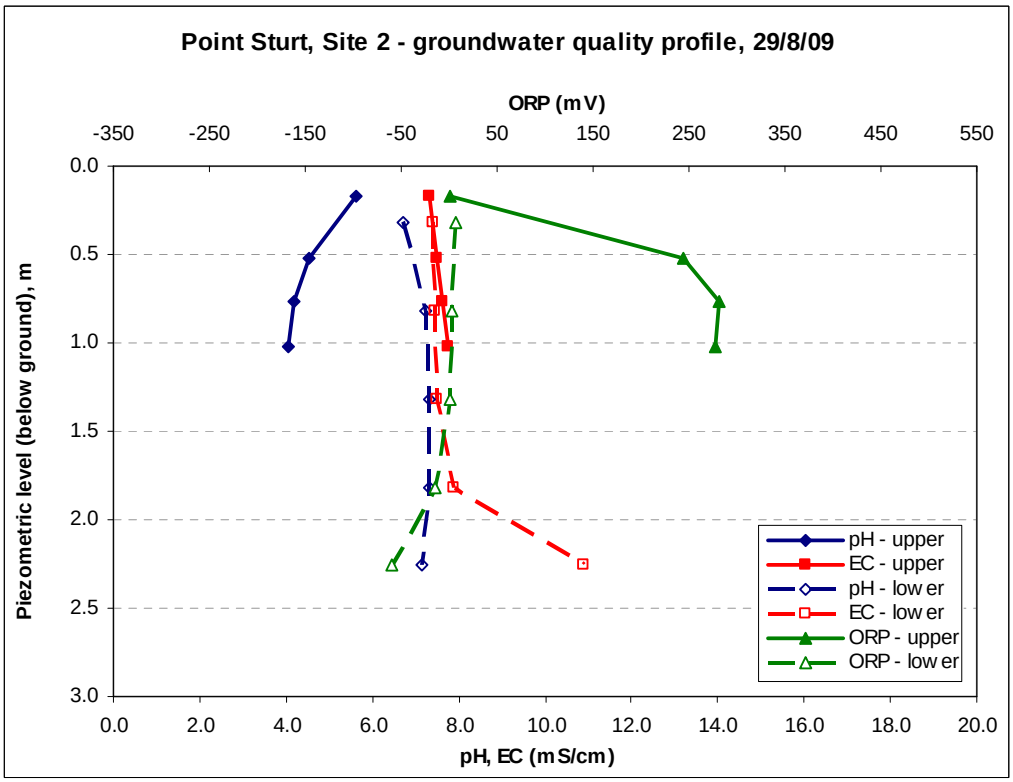

UCC-P3 - groundwater quality profile, 22/10/09
ORP (mV)
-600
-400
-200
0
200
400
600
Piezometric level (below ground), m
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
0.0
5.0
10.0
15.0
20.0
25.0
30.0
pH, EC (mS/cm)
pH
EC
ORP

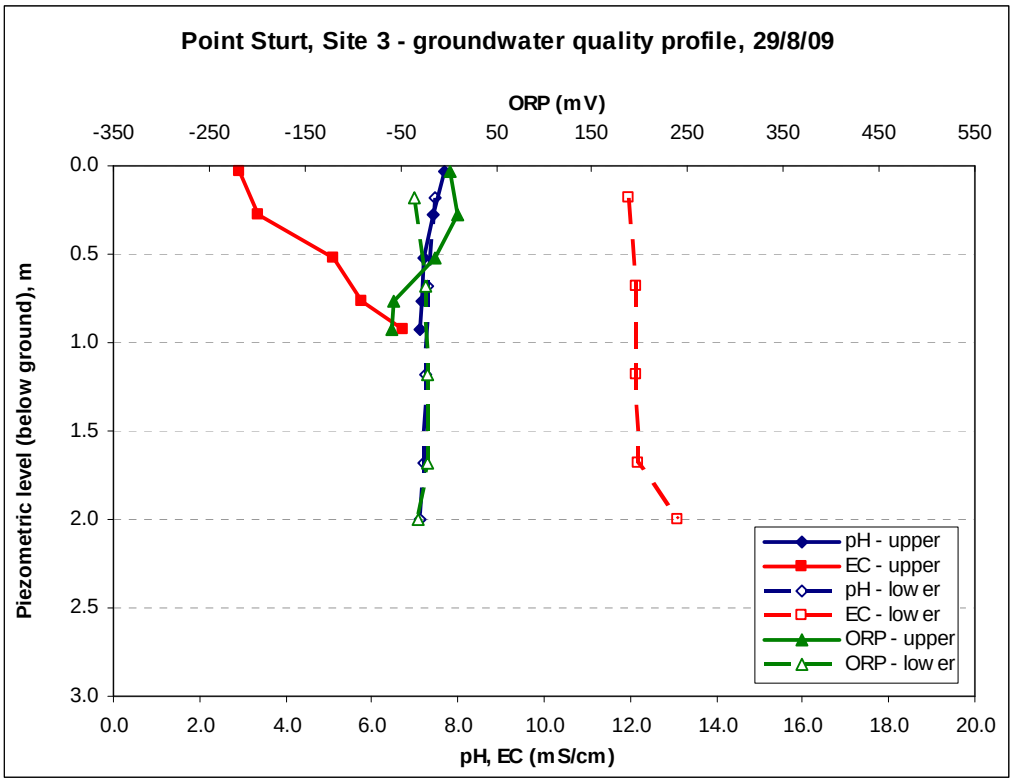

UCC-P1 - groundwater quality profile, 18/11//09
ORP (mV)
-600
-400
-200
0
200
400
600
Piezometric level (below ground), m
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
0.0
5.0
10.0
15.0
20.0
25.0
30.0
pH, EC (mS/cm)
pH
EC
ORP

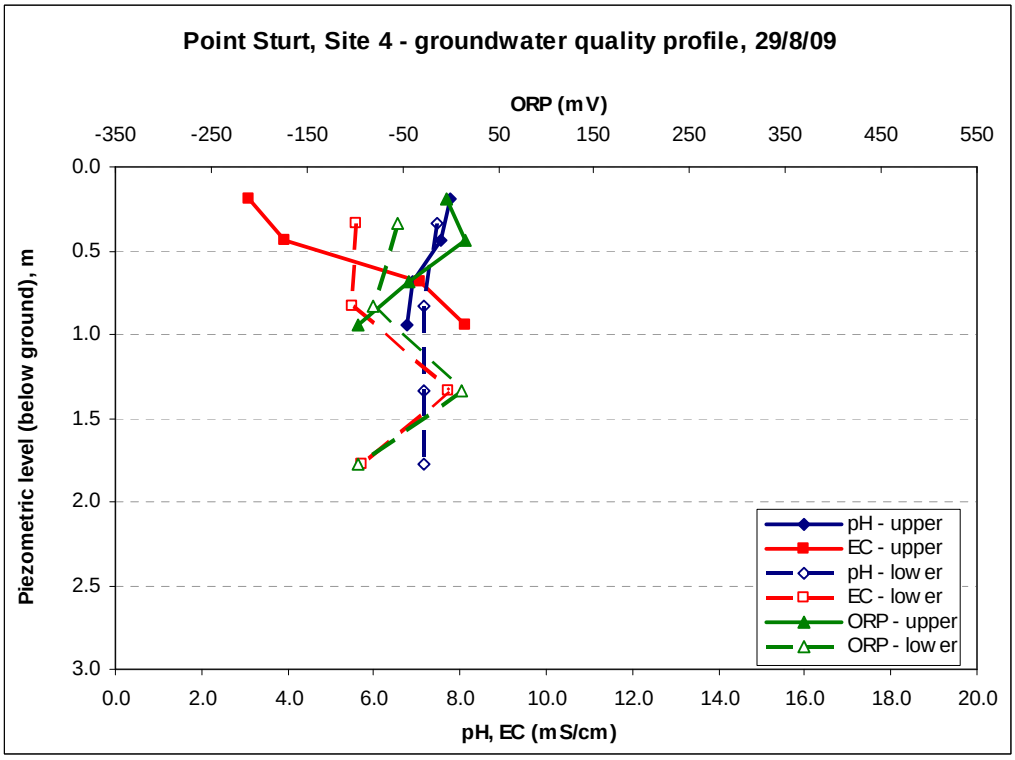

LCC-P2 - groundwater quality profile, 18/11/09
ORP (mV)
-600
-400
-200
0
200
400
600
Piezometric level (below ground), m
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
0.0
5.0
10.0
15.0
20.0
25.0
30.0
pH, EC (mS/cm)
pH
EC
ORP

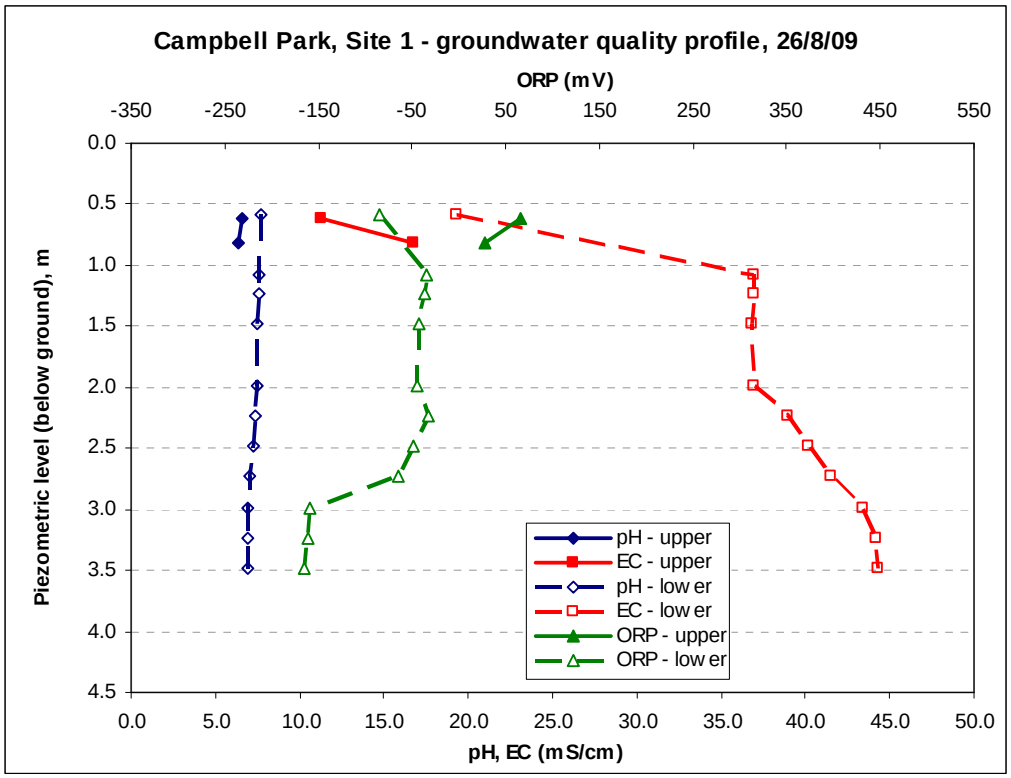

UCC-P3 - groundwater quality profile, 18/11/09
ORP (mV)
-600
-400
-200
0
200
400
600
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
Piezometric level (below ground), m
0.0
5.0
10.0
15.0
20.0
25.0
30.0
pH, EC (mS/cm)
pH
EC
ORP

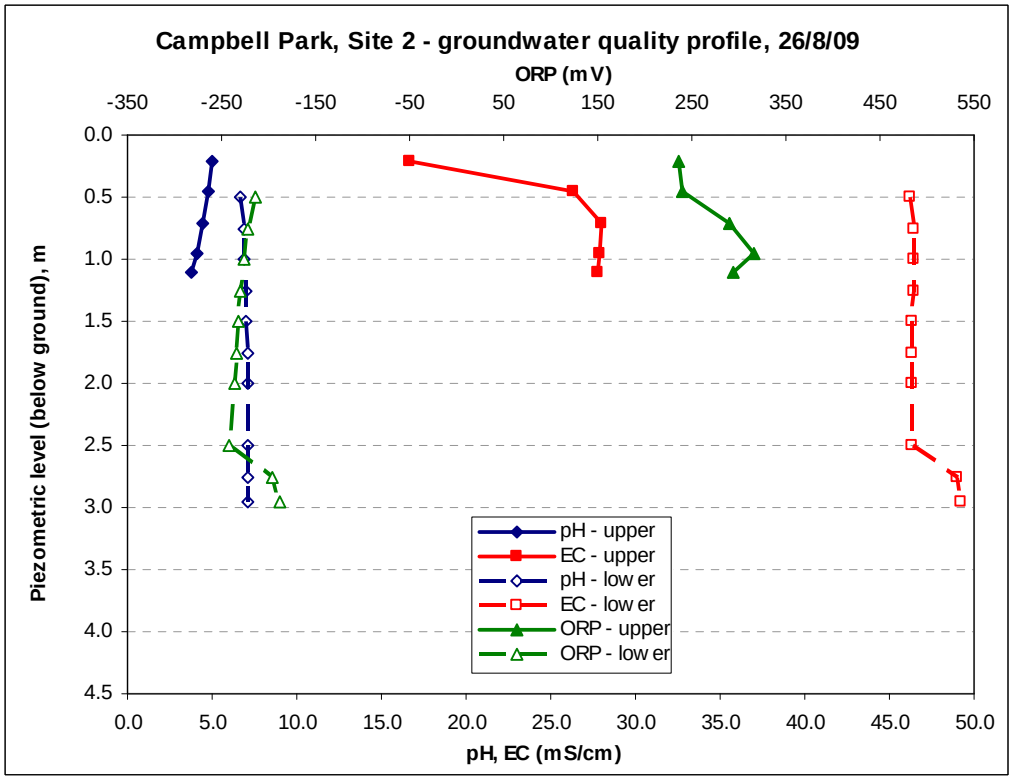

Point Sturt, Site 1 - groundwater quality profile, 29/8/09
ORP (mV)
-350 -250 -150 -50 50 150 250 350 450 550
Piezometric level (below ground), m
0.0 0.5 1.0 1.5 2.0 2.5 3.0
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0
pH, EC (mS/cm)
pH - upper
EC - upper
pH - low er
EC - low er
ORP - upper
ORP - low er

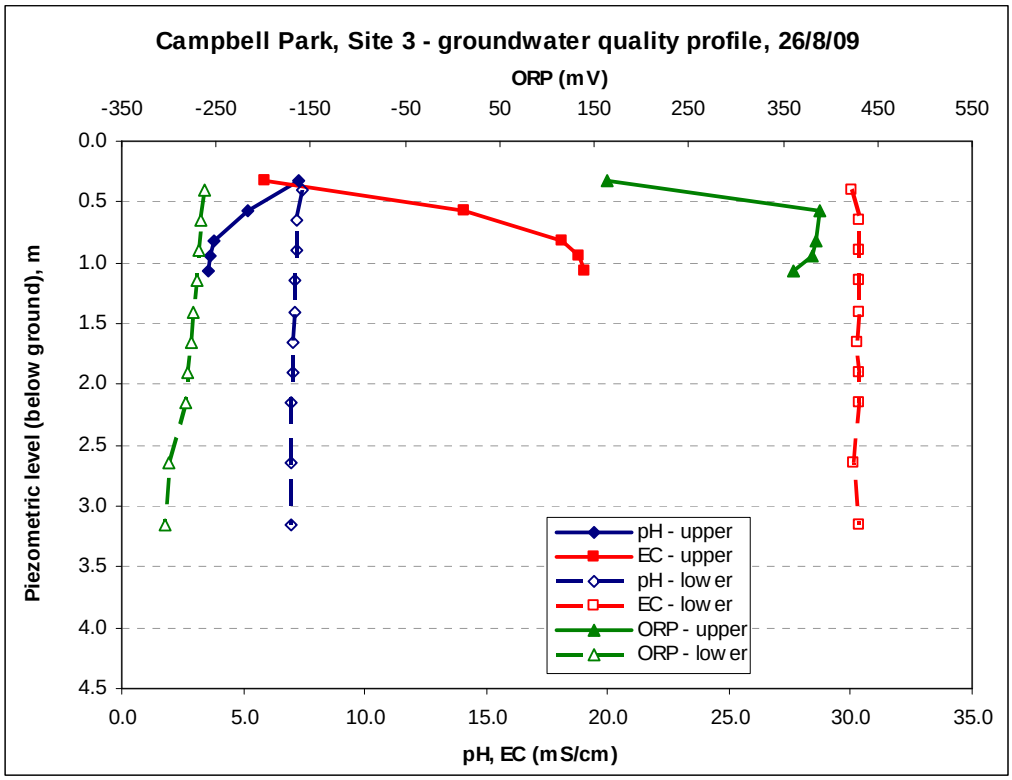

Point Sturt, Site 2 - groundwater quality profile, 29/8/09
ORP (mV)
-350 -250 -150 -50 50 150 250 350 450 550
Piezometric level (below ground), m
0.0 0.5 1.0 1.5 2.0 2.5 3.0
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0
pH, EC (mS/cm)
pH - upper
EC - upper
pH - low er
EC - low er
ORP - upper
ORP - low er

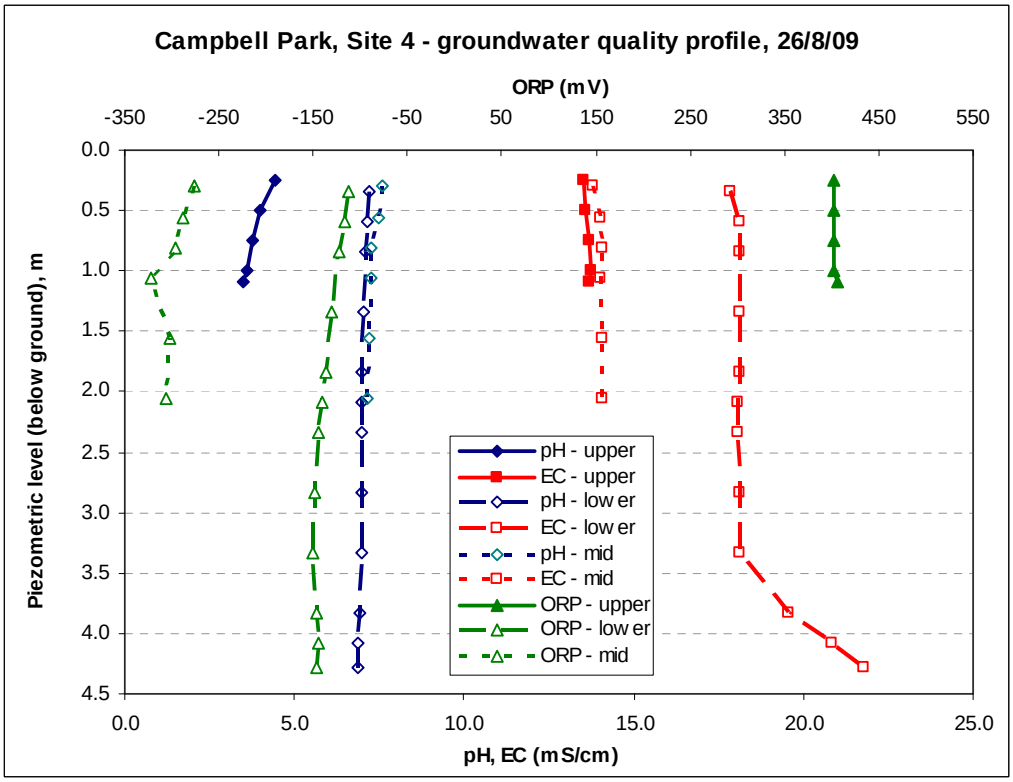

Point Sturt, Site 3 - groundwater quality profile, 29/8/09
ORP (mV)
-350 -250 -150 -50 50 150 250 350 450 550
Piezometric level (below ground), m
0.0 0.5 1.0 1.5 2.0 2.5 3.0
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0
pH, EC (mS/cm)
pH - upper
EC - upper
pH - low er
EC - low er
ORP - upper
ORP - low er

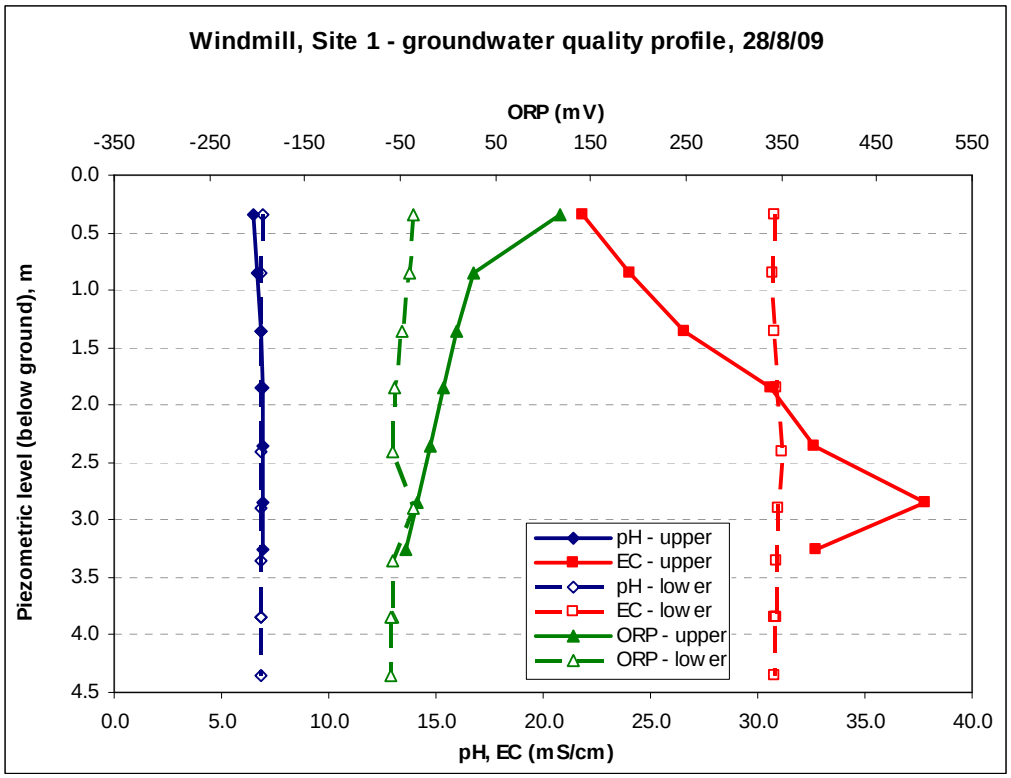

Point Sturt, Site 4 - groundwater quality profile, 29/8/09
ORP (mV)
-350 -250 -150 -50 50 150 250 350 450 550
Piezometric level (below ground), m
0.0 0.5 1.0 1.5 2.0 2.5 3.0
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0
pH, EC (mS/cm)
pH - upper
EC - upper
pH - low er
EC - low er
ORP - upper
ORP - low er

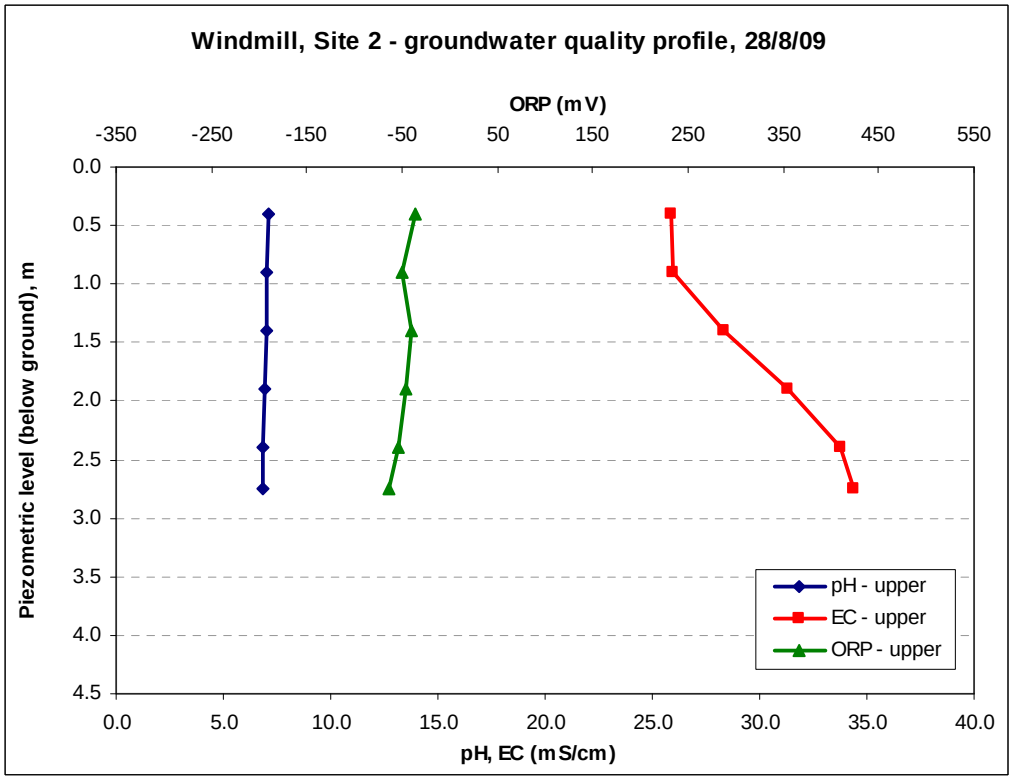

Campbell Park, Site 1 - groundwater quality profile, 26/8/09
ORP (mV)
-350 -250 -150 -50 50 150 250 350 450 550
Piezometric level (below ground), m
0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5
0.0 5.0 10.0 15.0 20.0 25.0 30.0 35.0 40.0 45.0 50.0
pH, EC (mS/cm)
pH - upper
EC - upper
pH - lower
EC - lower
ORP - upper
ORP - lower

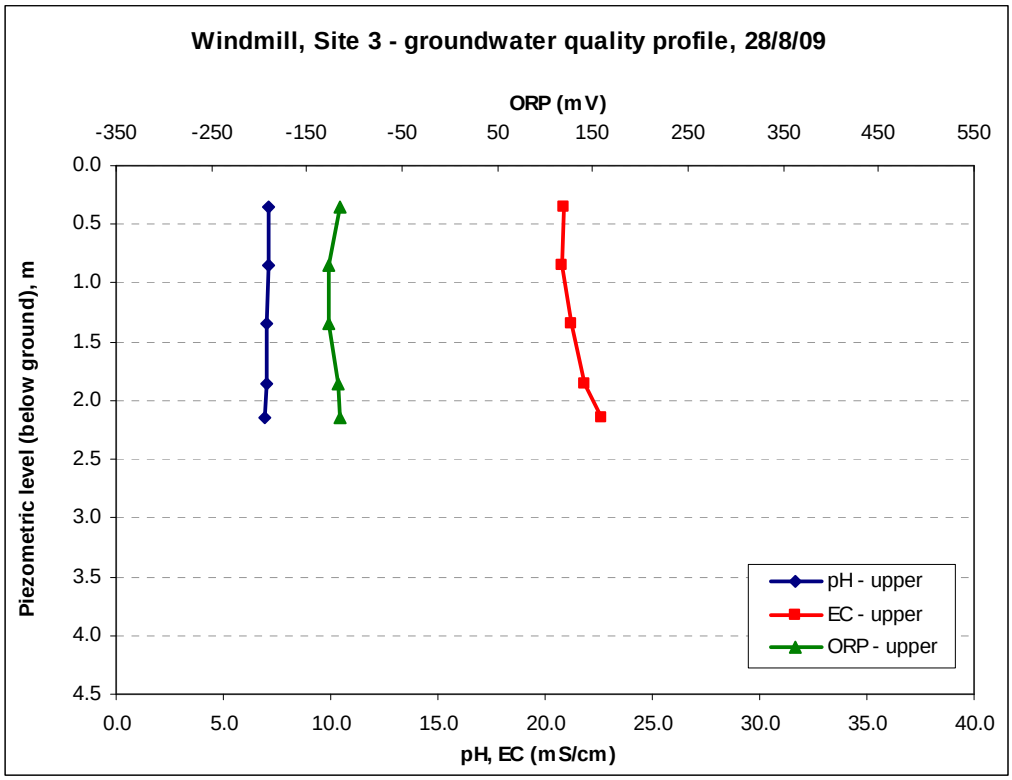

Campbell Park, Site 2 - groundwater quality profile, 26/8/09
ORP (mV)
-350 -250 -150 -50 50 150 250 350 450 550
Piezometric level (below ground), m
0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5
0.0 5.0 10.0 15.0 20.0 25.0 30.0 35.0 40.0 45.0 50.0
pH, EC (mS/cm)
pH - upper
EC - upper
pH - lower
EC - lower
ORP - upper
ORP - lower

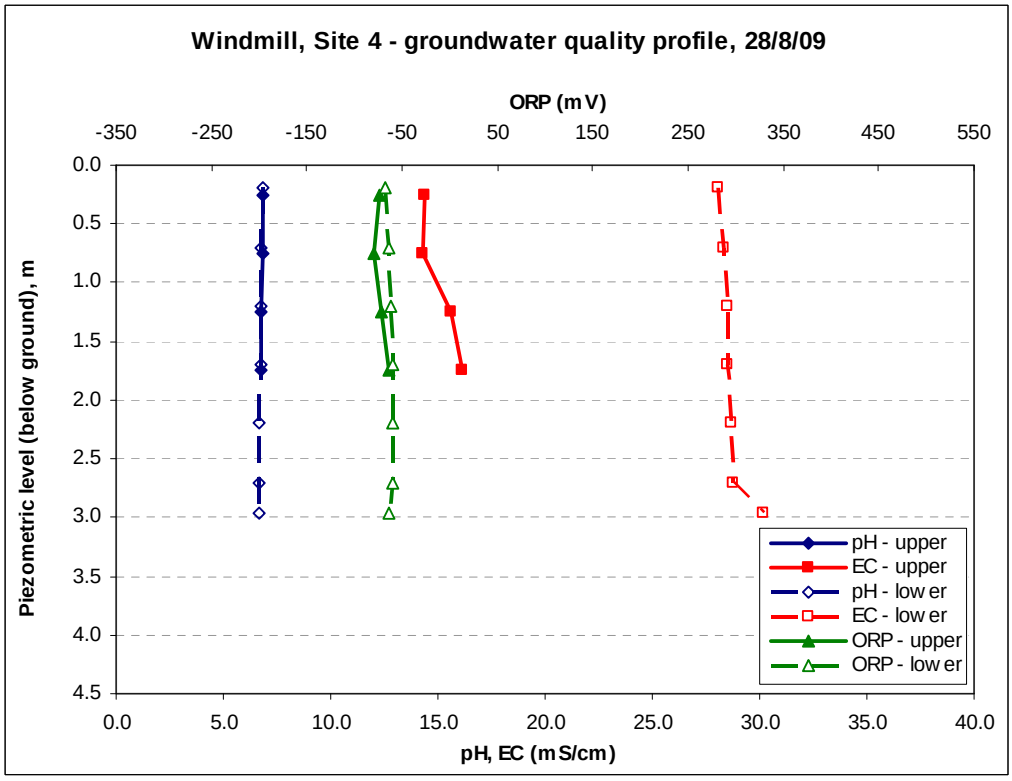

Campbell Park, Site 3 - groundwater quality profile, 26/8/09
ORP (mV)
-350 -250 -150 -50 50 150 250 350 450 550
Piezometric level (below ground), m
0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5
0.0 5.0 10.0 15.0 20.0 25.0 30.0 35.0
pH, EC (mS/cm)
pH - upper
EC - upper
pH - lower
EC - lower
ORP - upper
ORP - lower

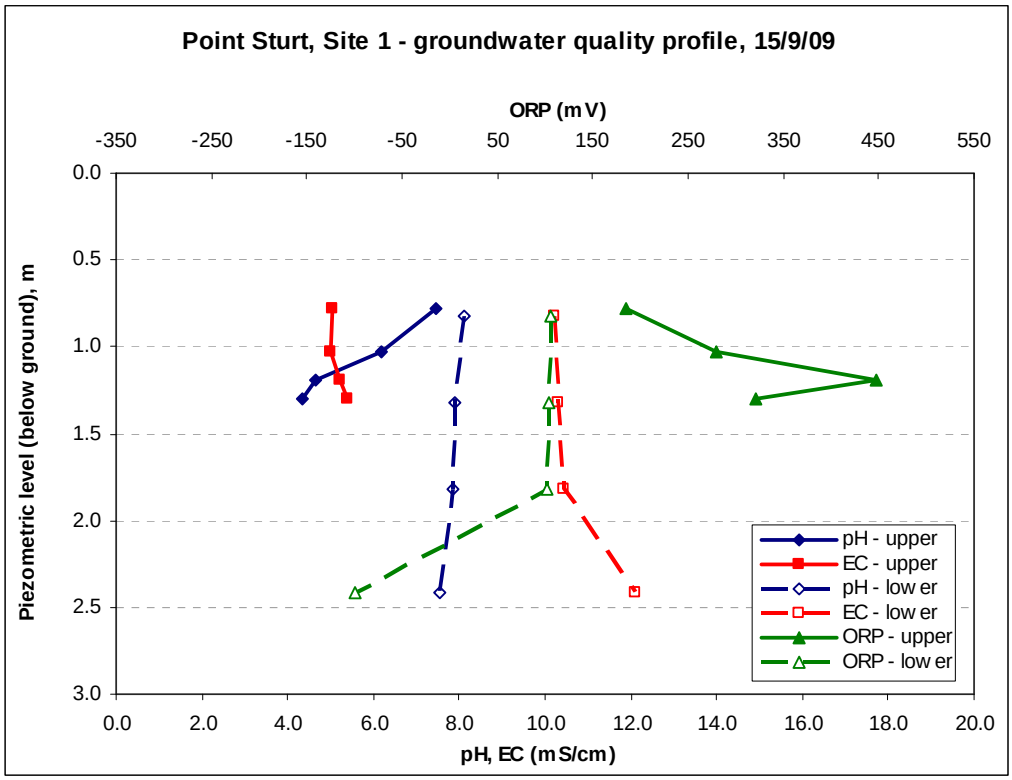

Campbell Park, Site 4 - groundwater quality profile, 26/8/09
ORP (mV)
-350 -250 -150 -50 50 150 250 350 450 550
Piezometric level (below ground), m
0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5
0.0 5.0 10.0 15.0 20.0 25.0
pH, EC (mS/cm)
pH - upper
EC - upper
pH - lower
EC - lower
pH - mid
EC - mid
ORP - upper
ORP - lower
ORP - mid

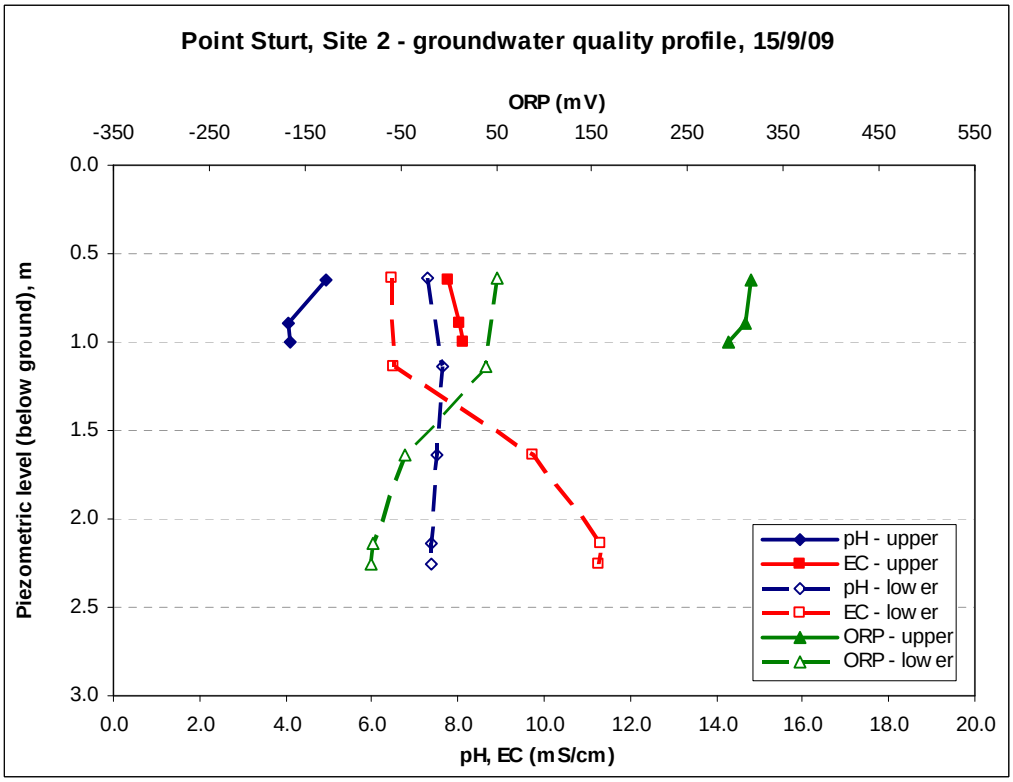

Windmill, Site 1 - groundwater quality profile, 28/8/09
ORP (mV)
-350
-250
-150
-50
50
150
250
350
450
550
Piezometric level (below ground), m
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
0.0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
pH, EC (mS/cm)
pH - upper
EC - upper
pH - lower
EC - lower
ORP - upper
ORP - lower

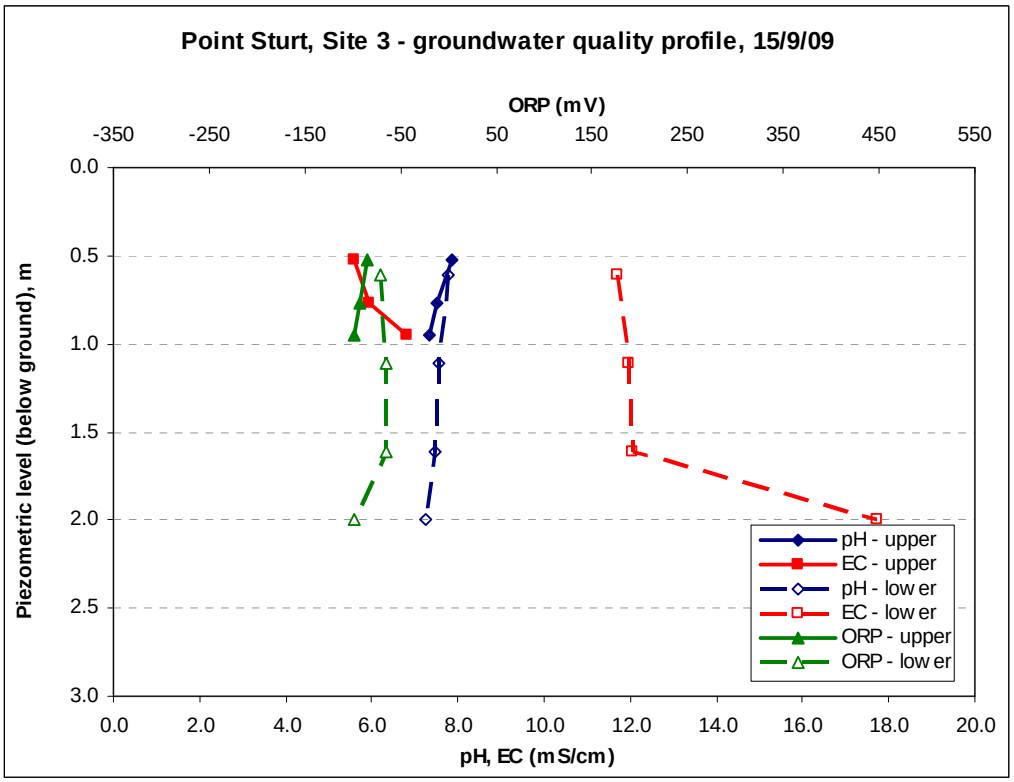

Windmill, Site 2 - groundwater quality profile, 28/8/09
ORP (mV)
-350
-250
-150
-50
50
150
250
350
450
550
Piezometric level (below ground), m
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
0.0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
pH, EC (mS/cm)
pH - upper
EC - upper
ORP - upper

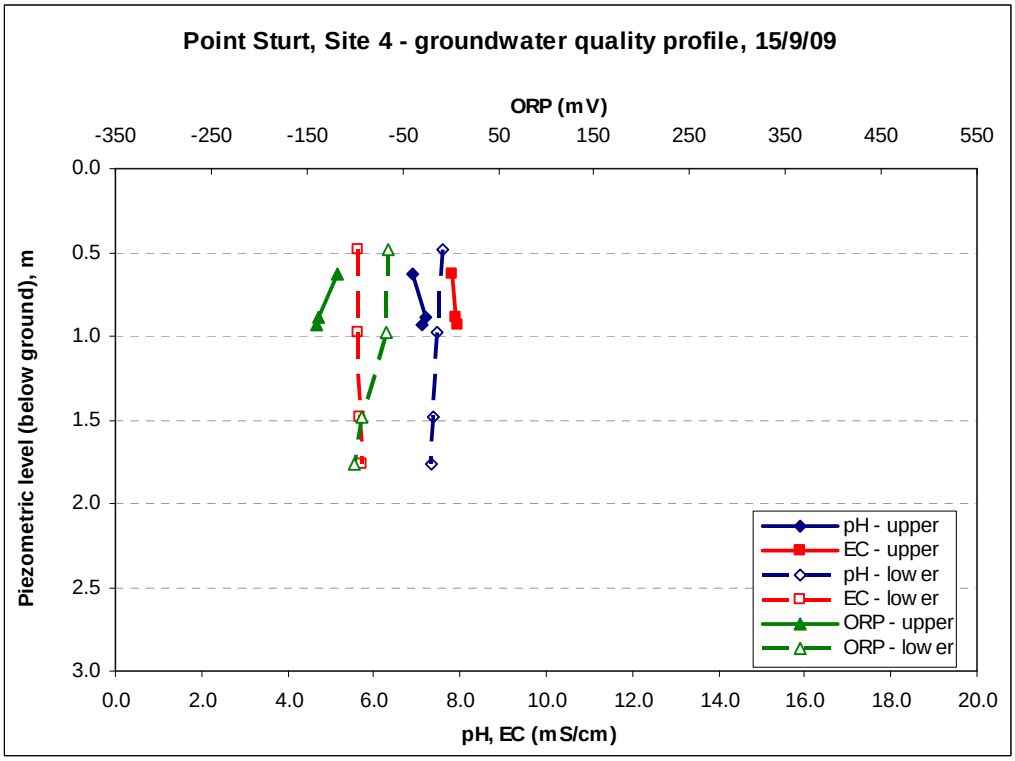

Windmill, Site 3 - groundwater quality profile, 28/8/09
ORP (mV)
-350 -250 -150 -50 50 150 250 350 450 550
Piezometric level (below ground), m
0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5
0.0 5.0 10.0 15.0 20.0 25.0 30.0 35.0 40.0
pH, EC (mS/cm)
pH - upper
EC - upper
ORP - upper

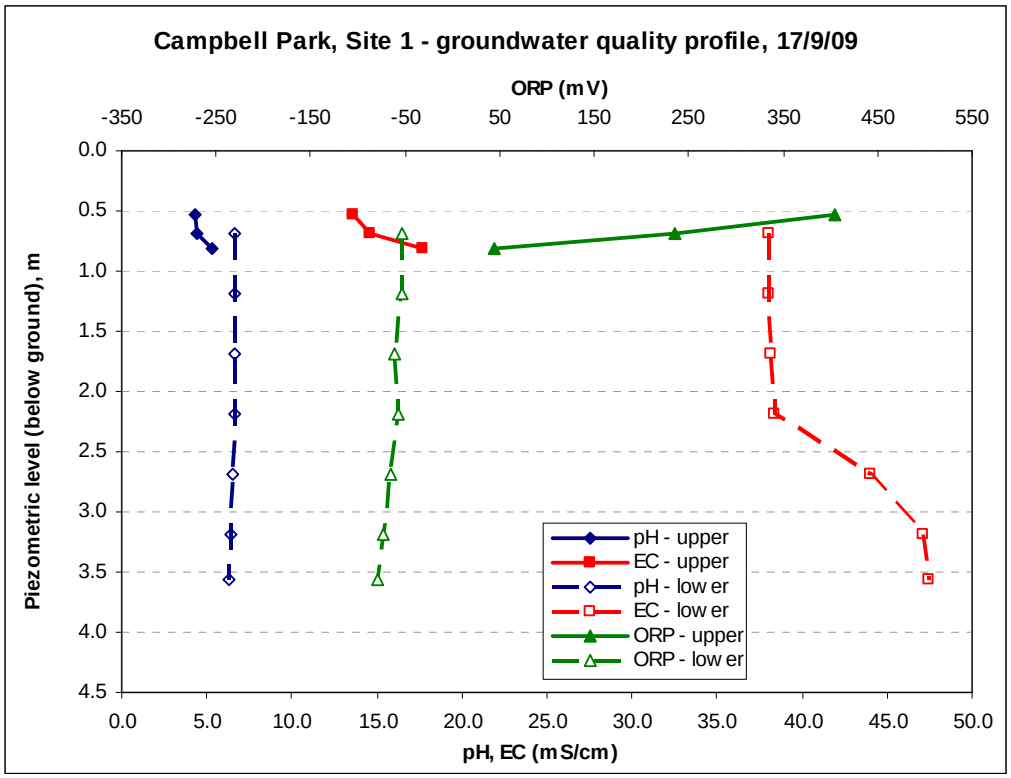

Windmill, Site 4 - groundwater quality profile, 28/8/09
ORP (mV)
-350 -250 -150 -50 50 150 250 350 450 550
Piezometric level (below ground), m
0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5
0.0 5.0 10.0 15.0 20.0 25.0 30.0 35.0 40.0
pH, EC (mS/cm)
pH - upper
EC - upper
pH - lower
EC - lower
ORP - upper
ORP - lower

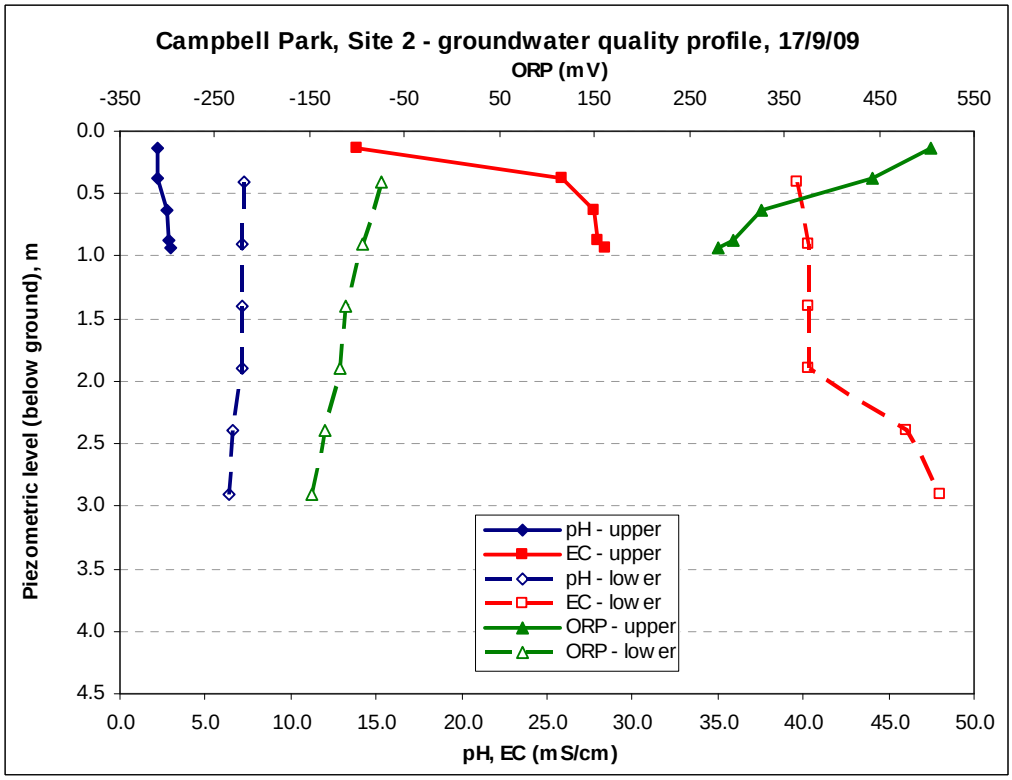

Point Sturt, Site 1 - groundwater quality profile, 15/9/09
ORP (mV)
-350 -250 -150 -50 50 150 250 350 450 550
Piezometric level (below ground), m
0.0 0.5 1.0 1.5 2.0 2.5 3.0
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0
pH, EC (mS/cm)
pH - upper
EC - upper
pH - low er
EC - low er
ORP - upper
ORP - low er

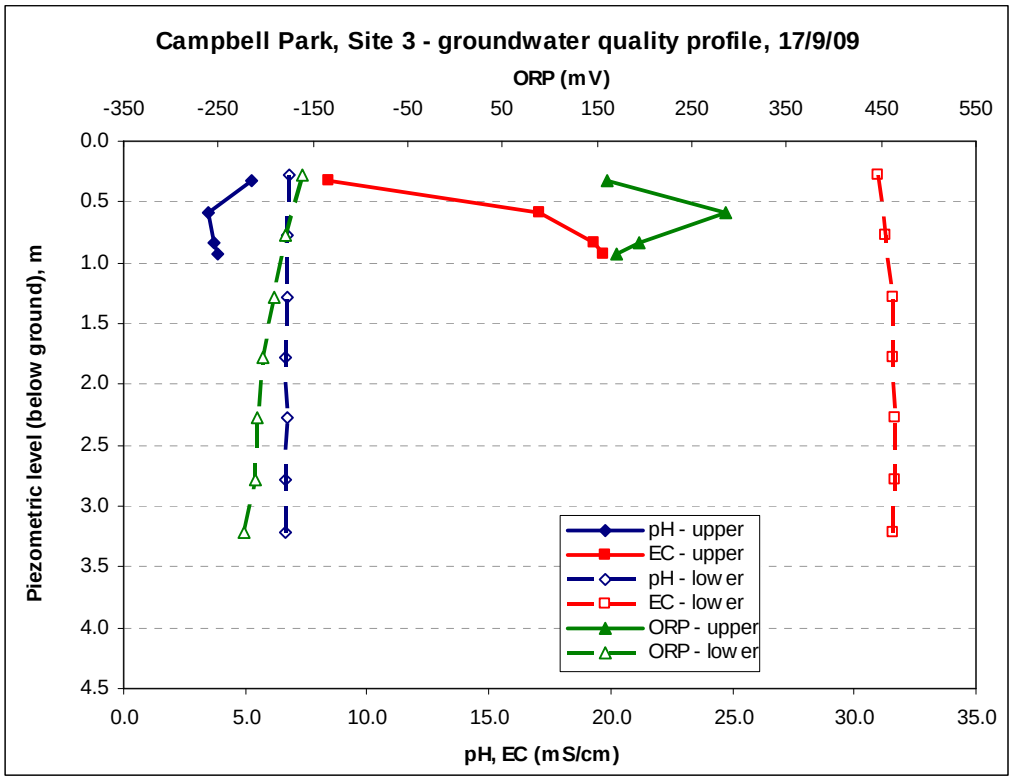

Point Sturt, Site 2 - groundwater quality profile, 15/9/09
ORP (mV)
-350 -250 -150 -50 50 150 250 350 450 550
Piezometric level (below ground), m
0.0 0.5 1.0 1.5 2.0 2.5 3.0
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0
pH, EC (mS/cm)
pH - upper
EC - upper
pH - low er
EC - low er
ORP - upper
ORP - low er

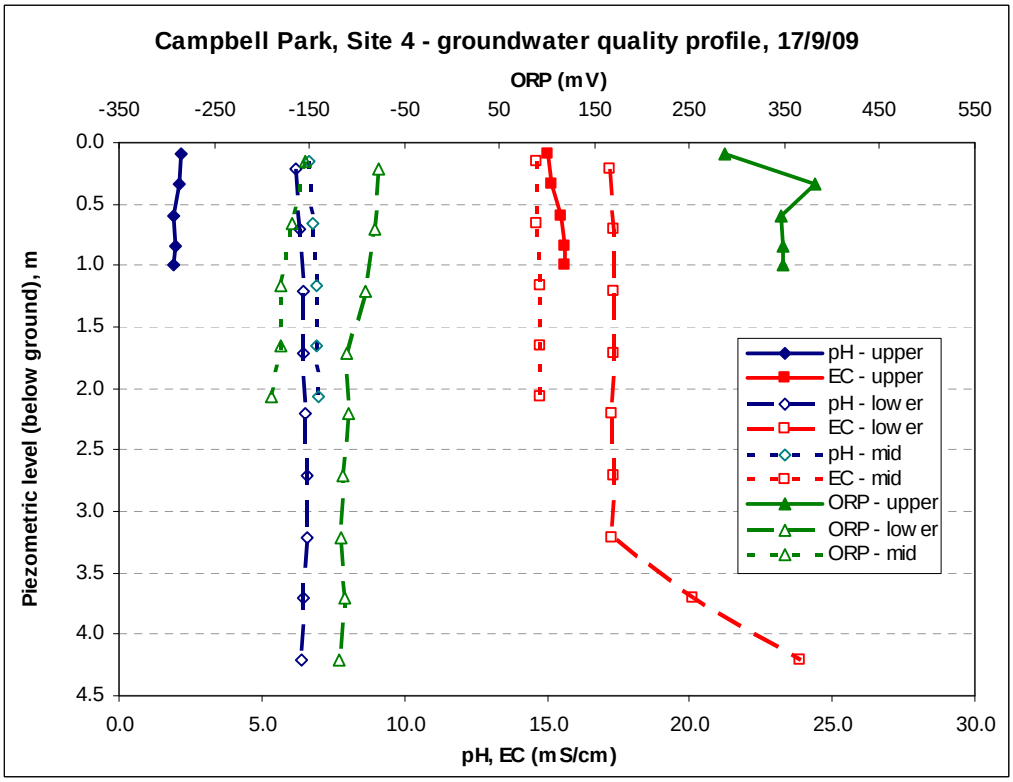

Point Sturt, Site 3 - groundwater quality profile, 15/9/09
ORP (mV)
-350 -250 -150 -50 50 150 250 350 450 550
Piezometric level (below ground), m
0.0 0.5 1.0 1.5 2.0 2.5 3.0
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0
pH, EC (mS/cm)
pH - upper
EC - upper
pH - lower
EC - lower
ORP - upper
ORP - lower

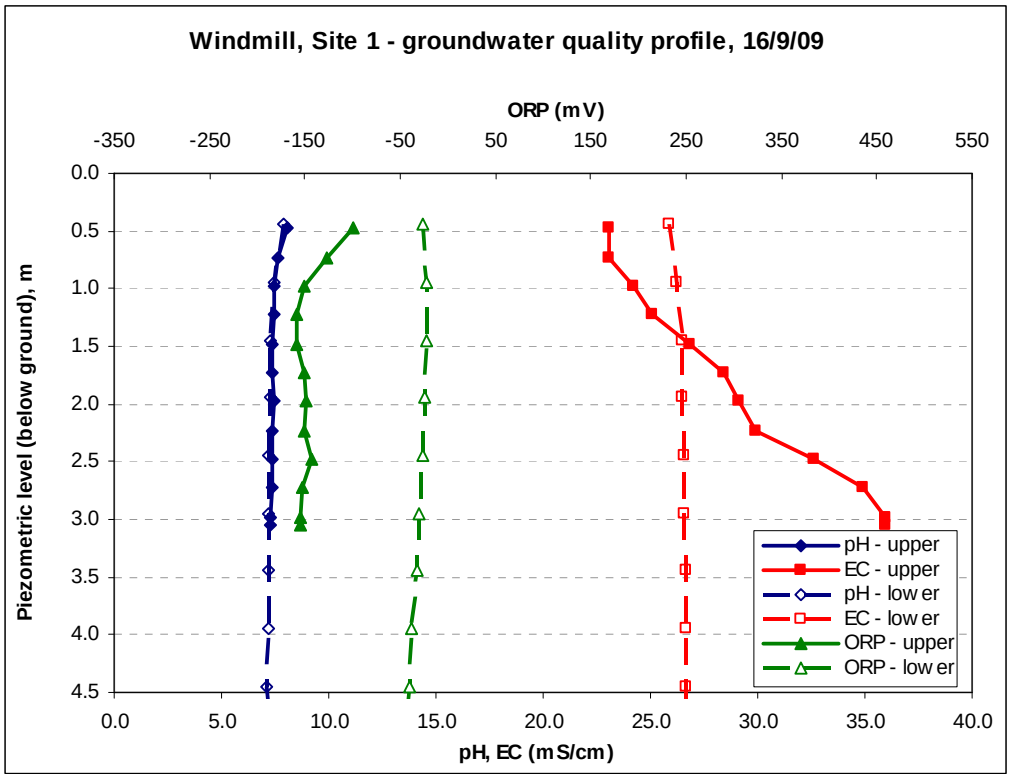

Point Sturt, Site 4 - groundwater quality profile, 15/9/09
ORP (mV)
-350 -250 -150 -50 50 150 250 350 450 550
Piezometric level (below ground), m
0.0 0.5 1.0 1.5 2.0 2.5 3.0
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0
pH, EC (mS/cm)
pH - upper
EC - upper
pH - lower
EC - lower
ORP - upper
ORP - lower

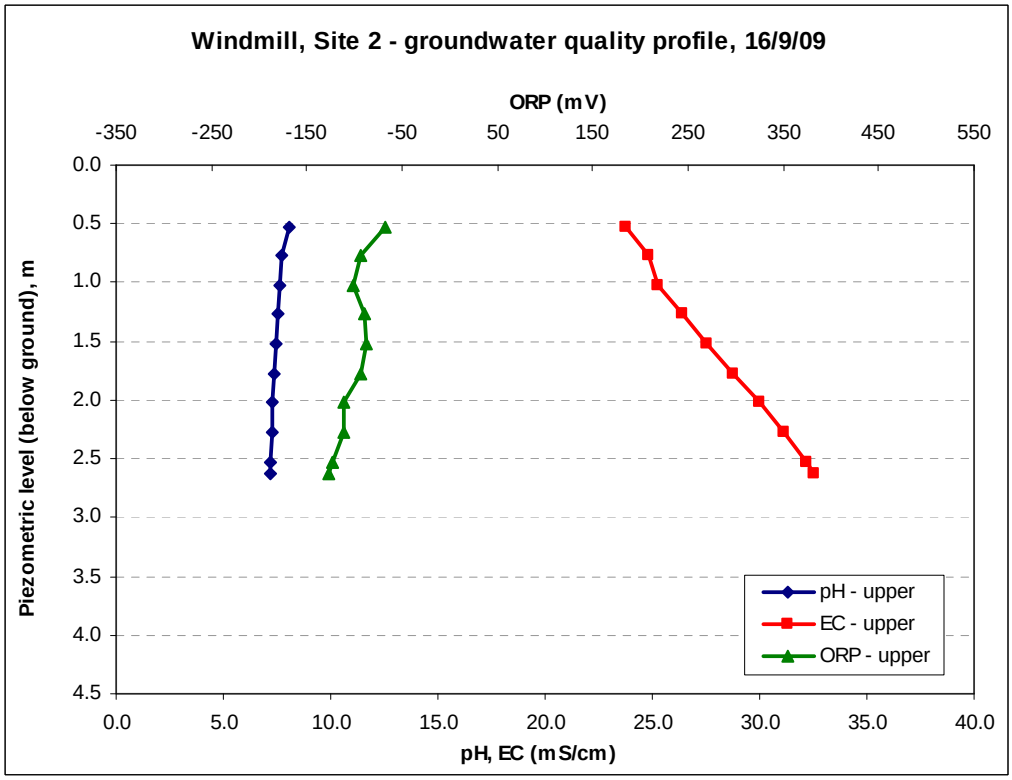

Campbell Park, Site 1 - groundwater quality profile, 17/9/09
ORP (mV)
-350 -250 -150 -50 50 150 250 350 450 550
Piezometric level (below ground), m
0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5
0.0 5.0 10.0 15.0 20.0 25.0 30.0 35.0 40.0 45.0 50.0
pH, EC (mS/cm)
pH - upper
EC - upper
pH - lower
EC - lower
ORP - upper
ORP - lower

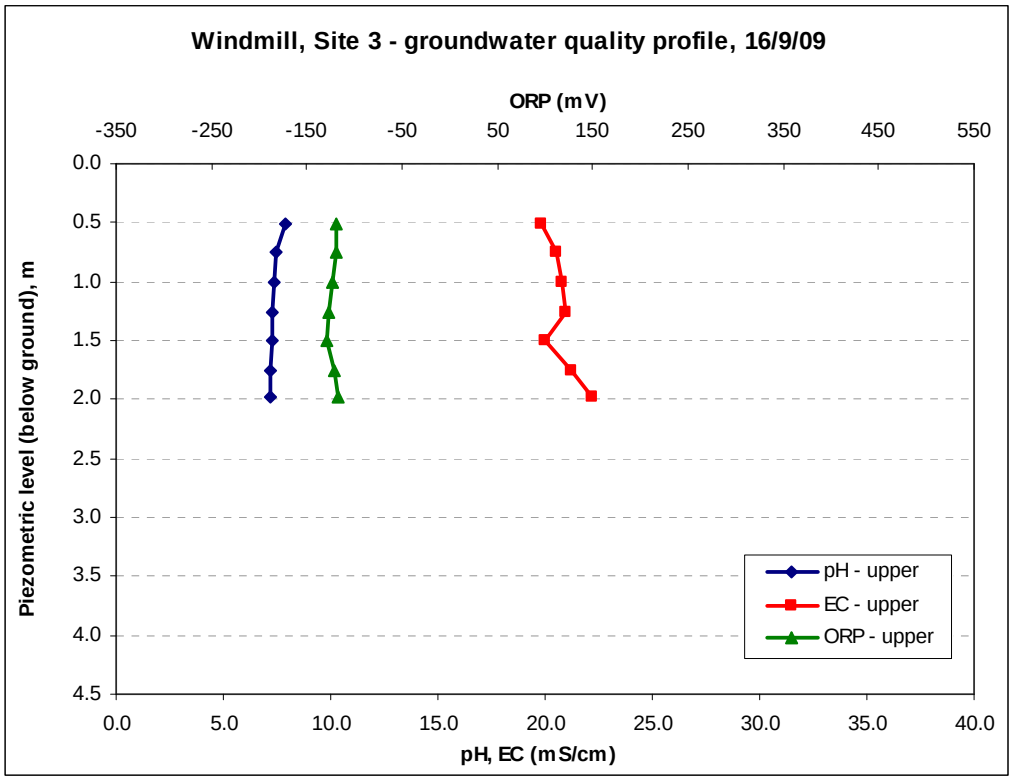

Campbell Park, Site 2 - groundwater quality profile, 17/9/09
ORP (mV)
-350 -250 -150 -50 50 150 250 350 450 550
Piezometric level (below ground), m
0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5
0.0 5.0 10.0 15.0 20.0 25.0 30.0 35.0 40.0 45.0 50.0
pH, EC (mS/cm)
pH - upper
EC - upper
pH - lower
EC - lower
ORP - upper
ORP - lower

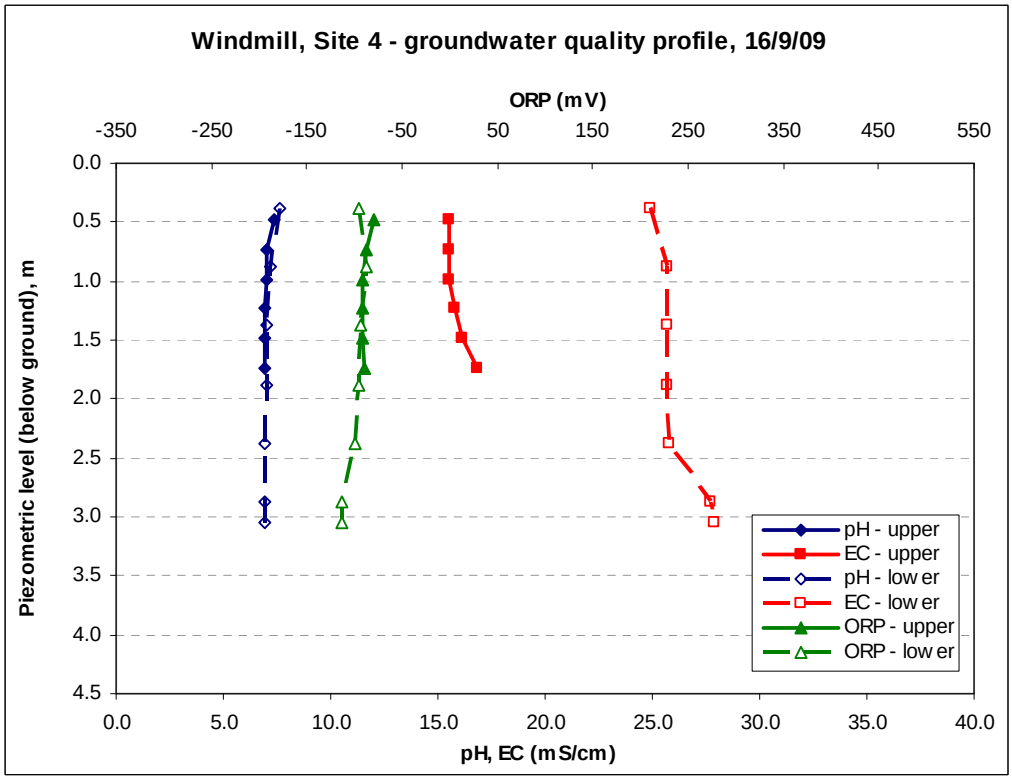

Campbell Park, Site 3 - groundwater quality profile, 17/9/09
ORP (mV)
-350
-250
-150
-50
50
150
250
350
450
550
Piezometric level (below ground), m
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
0.0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
pH, EC (mS/cm)
pH - upper
EC - upper
pH - lower
EC - lower
ORP - upper
ORP - lower

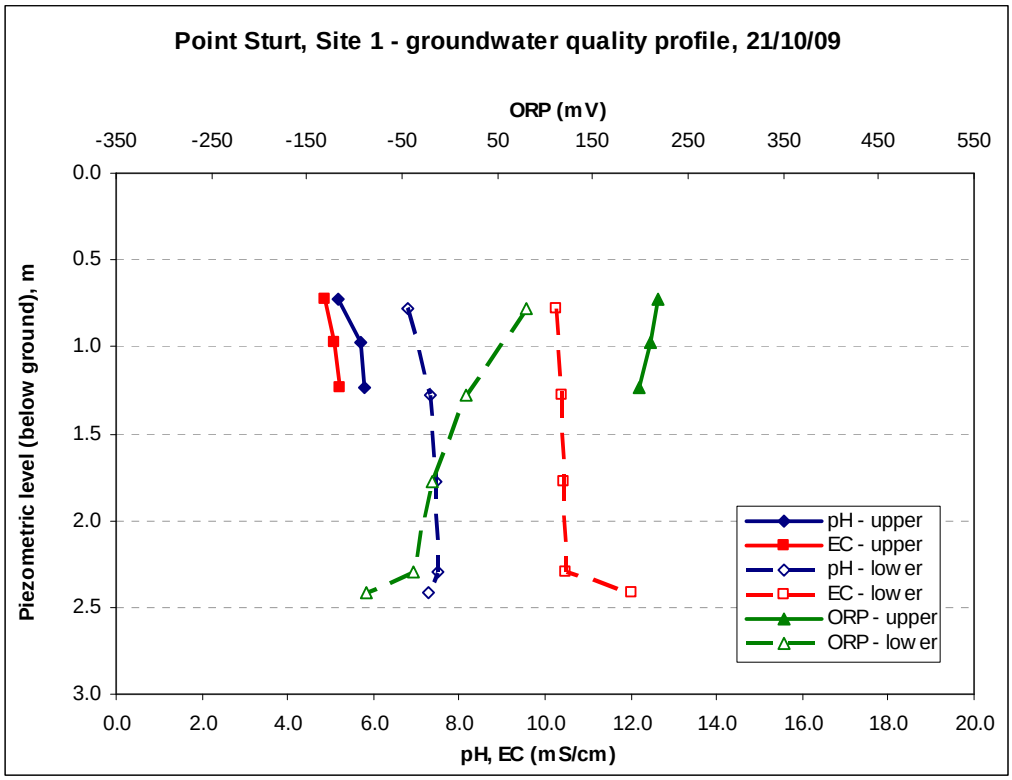

Campbell Park, Site 4 - groundwater quality profile, 17/9/09
ORP (mV)
-350
-250
-150
-50
50
150
250
350
450
550
Piezometric level (below ground), m
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
0.0
5.0
10.0
15.0
20.0
25.0
30.0
pH, EC (mS/cm)
pH - upper
EC - upper
pH - lower
EC - lower
pH - mid
EC - mid
ORP - upper
ORP - lower
ORP - mid

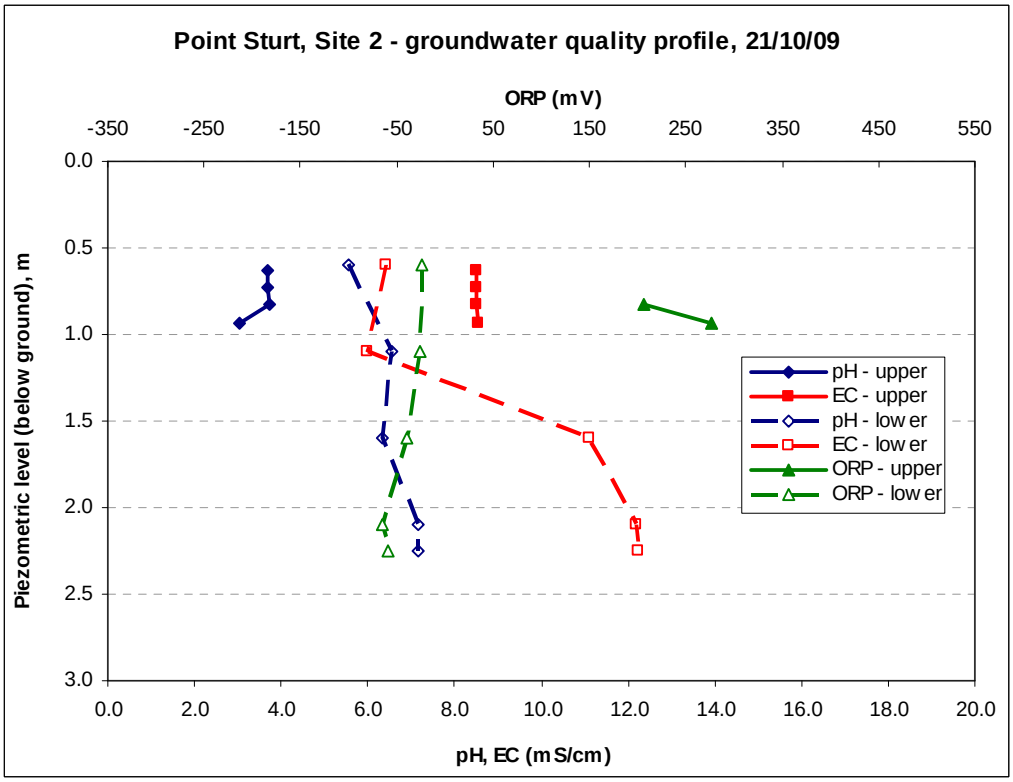

Windmill, Site 1 - groundwater quality profile, 16/9/09
ORP (mV)
-350
-250
-150
-50
50
150
250
350
450
550
Piezometric level (below ground), m
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
0.0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
pH, EC (mS/cm)
pH - upper
EC - upper
pH - lower
EC - lower
ORP - upper
ORP - lower

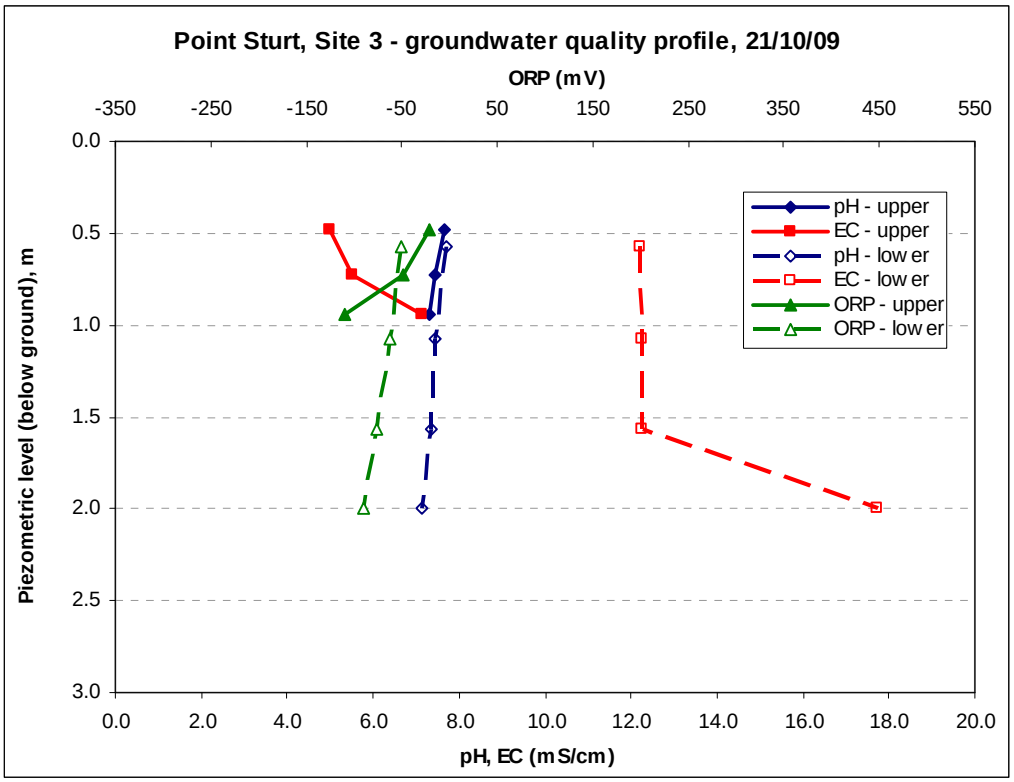

Windmill, Site 2 - groundwater quality profile, 16/9/09
ORP (mV)
-350
-250
-150
-50
50
150
250
350
450
550
Piezometric level (below ground), m
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
0.0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
pH, EC (mS/cm)
pH - upper
EC - upper
ORP - upper

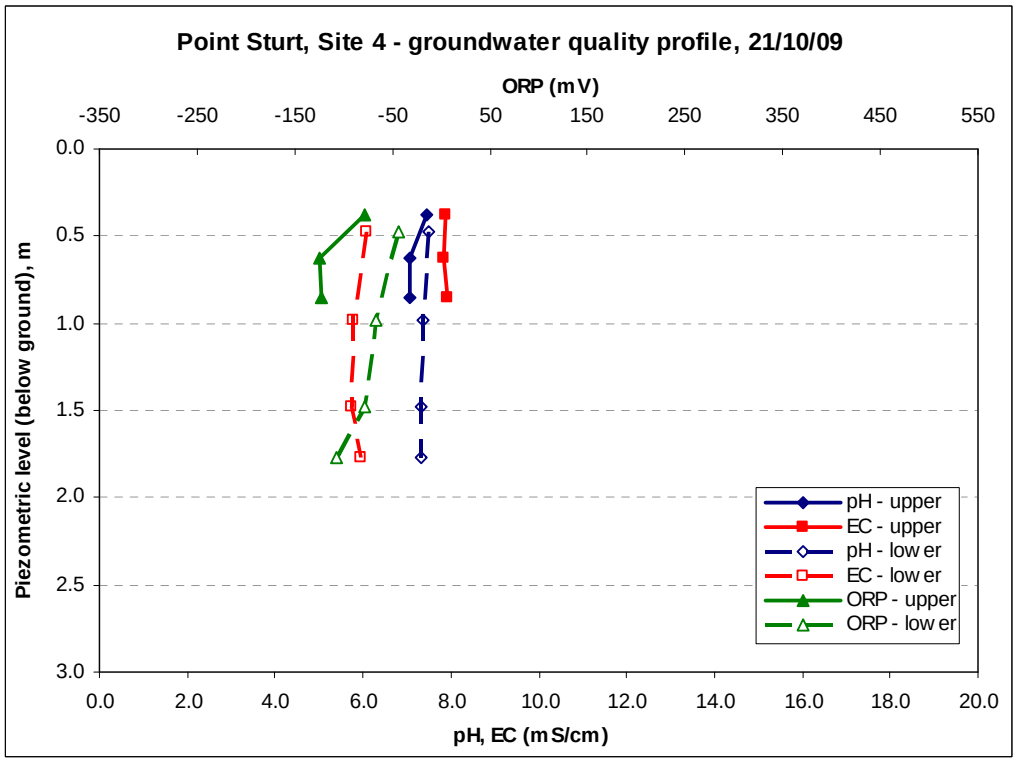

Windmill, Site 3 - groundwater quality profile, 16/9/09
ORP (mV)
-350
-250
-150
-50
50
150
250
350
450
550
Piezometric level (below ground), m
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
0.0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
pH, EC (mS/cm)
pH - upper
EC - upper
ORP - upper

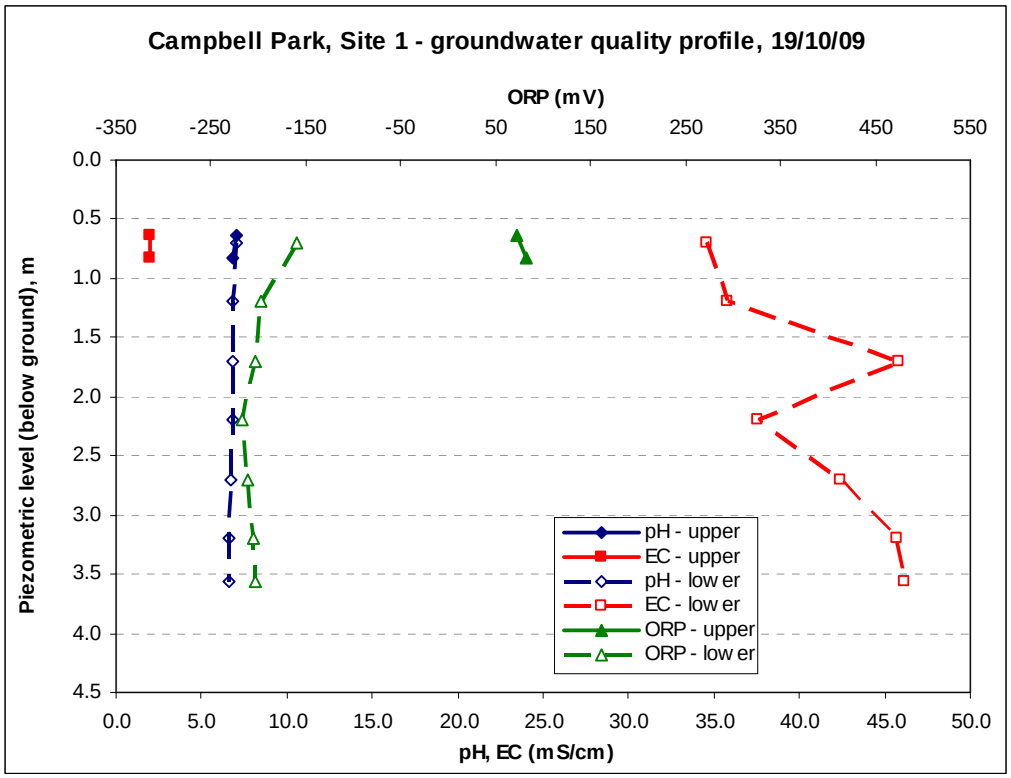

Windmill, Site 4 - groundwater quality profile, 16/9/09
ORP (mV)
-350
-250
-150
-50
50
150
250
350
450
550
Piezometric level (below ground), m
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
0.0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
pH, EC (mS/cm)
pH - upper
EC - upper
pH - lower
EC - lower
ORP - upper
ORP - lower

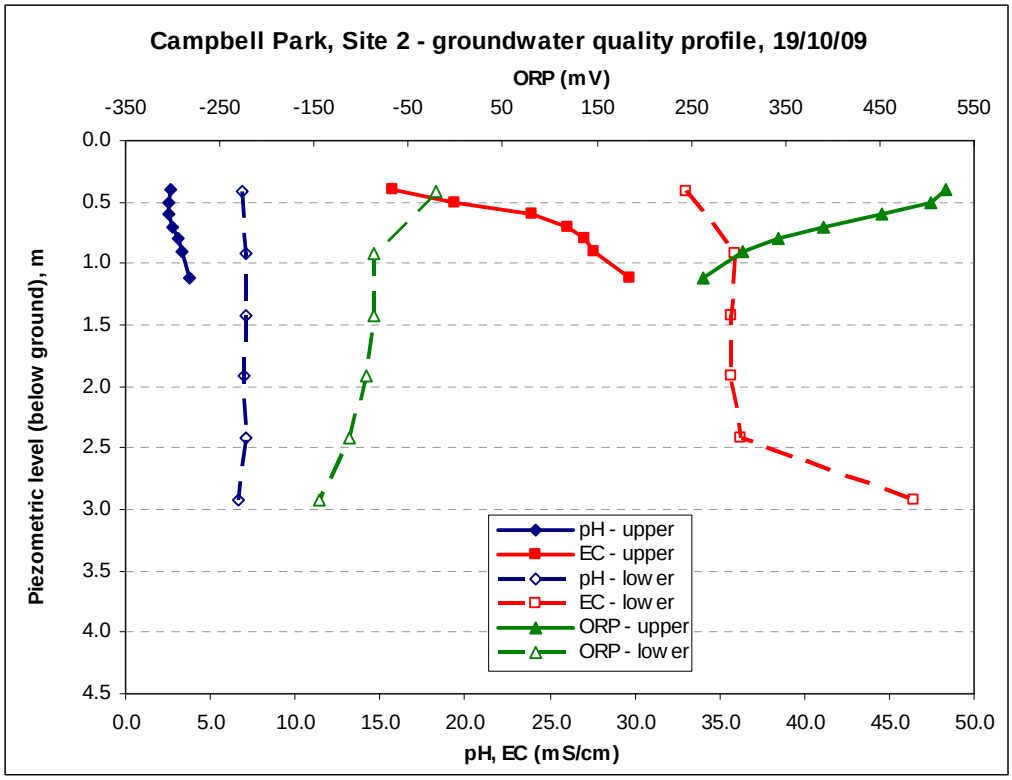

Point Sturt, Site 1 - groundwater quality profile, 21/10/09
ORP (mV)
-350 -250 -150 -50 50 150 250 350 450 550
Piezometric level (below ground), m
0.0 0.5 1.0 1.5 2.0 2.5 3.0
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0
pH, EC (mS/cm)
pH - upper
EC - upper
pH - lower
EC - lower
ORP - upper
ORP - lower

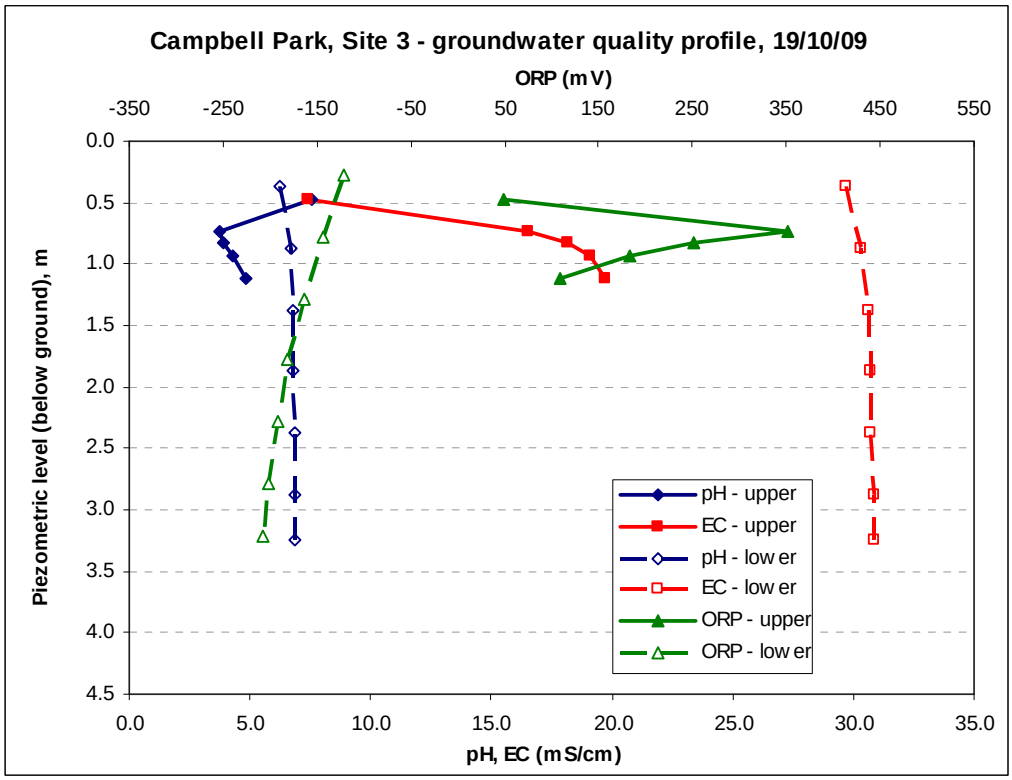

Point Sturt, Site 2 - groundwater quality profile, 21/10/09
ORP (mV)
-350 -250 -150 -50 50 150 250 350 450 550
Piezometric level (below ground), m
0.0 0.5 1.0 1.5 2.0 2.5 3.0
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0
pH, EC (mS/cm)
pH - upper
EC - upper
pH - lower
EC - lower
ORP - upper
ORP - lower

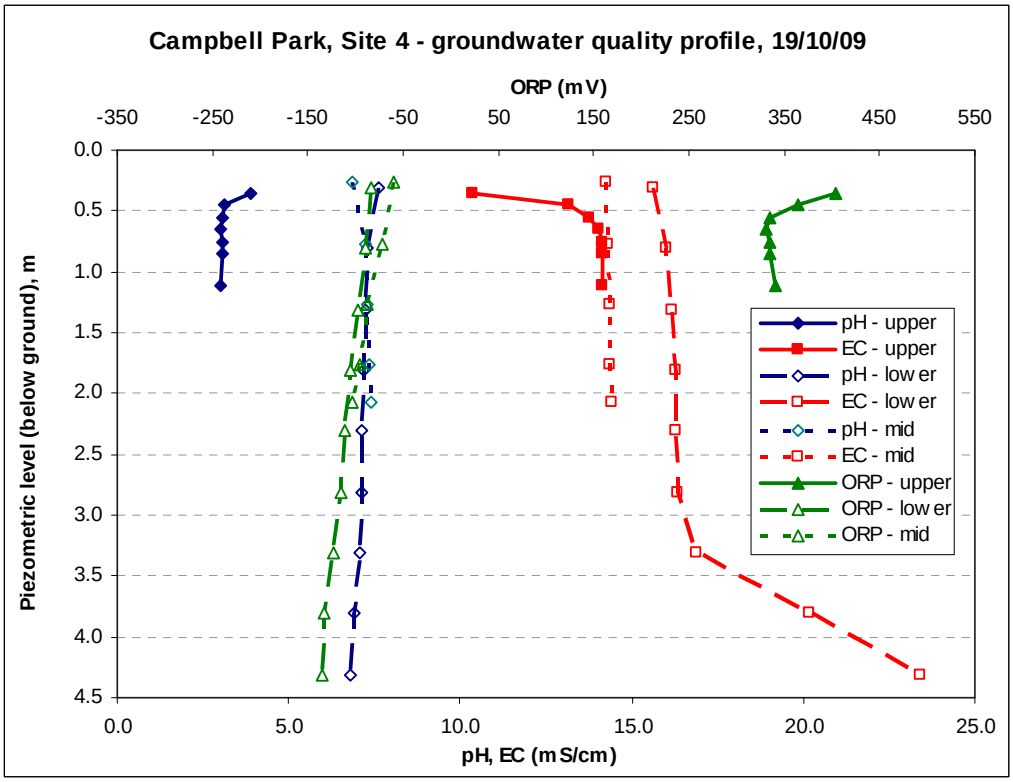

Point Sturt, Site 3 - groundwater quality profile, 21/10/09
ORP (mV)
-350 -250 -150 -50 50 150 250 350 450 550
Piezometric level (below ground), m
0.0 0.5 1.0 1.5 2.0 2.5 3.0
pH, EC (mS/cm)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0
pH - upper
EC - upper
pH - lower
EC - lower
ORP - upper
ORP - lower

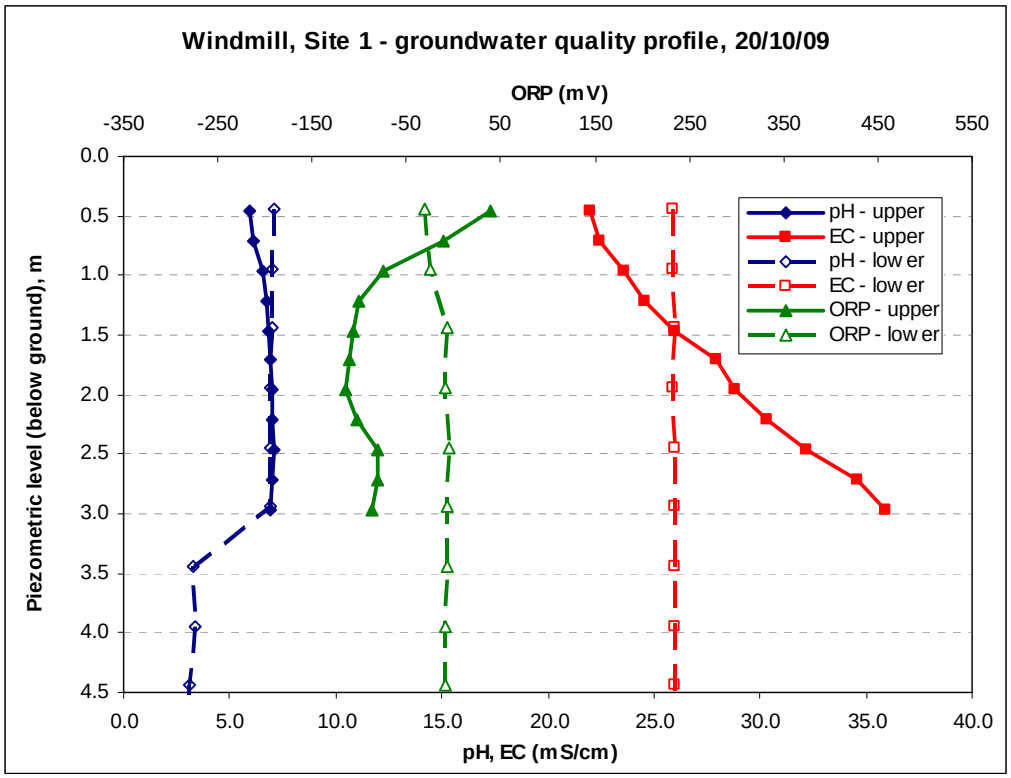

Point Sturt, Site 4 - groundwater quality profile, 21/10/09
ORP (mV)
-350 -250 -150 -50 50 150 250 350 450 550
Piezometric level (below ground), m
0.0 0.5 1.0 1.5 2.0 2.5 3.0
pH, EC (mS/cm)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0
pH - upper
EC - upper
pH - lower
EC - lower
ORP - upper
ORP - lower

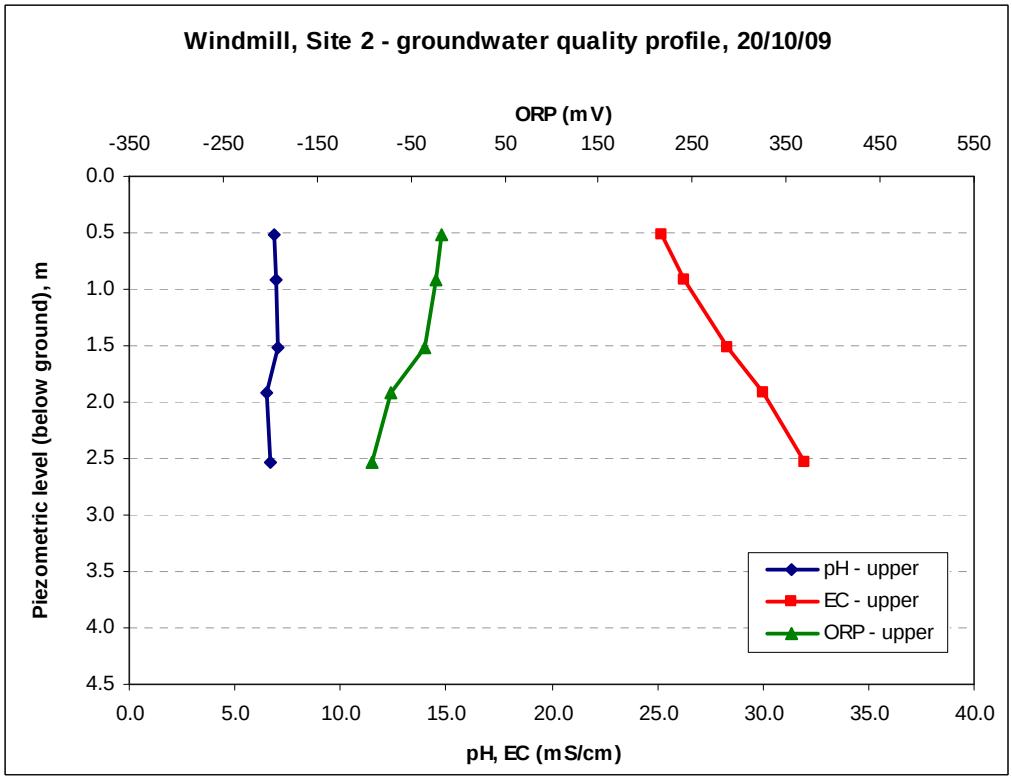

Campbell Park, Site 1 - groundwater quality profile, 19/10/09
ORP (mV)
-350 -250 -150 -50 50 150 250 350 450 550
Piezometric level (below ground), m
0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5
0.0 5.0 10.0 15.0 20.0 25.0 30.0 35.0 40.0 45.0 50.0
pH, EC (mS/cm)
pH - upper
EC - upper
pH - lower
EC - lower
ORP - upper
ORP - lower

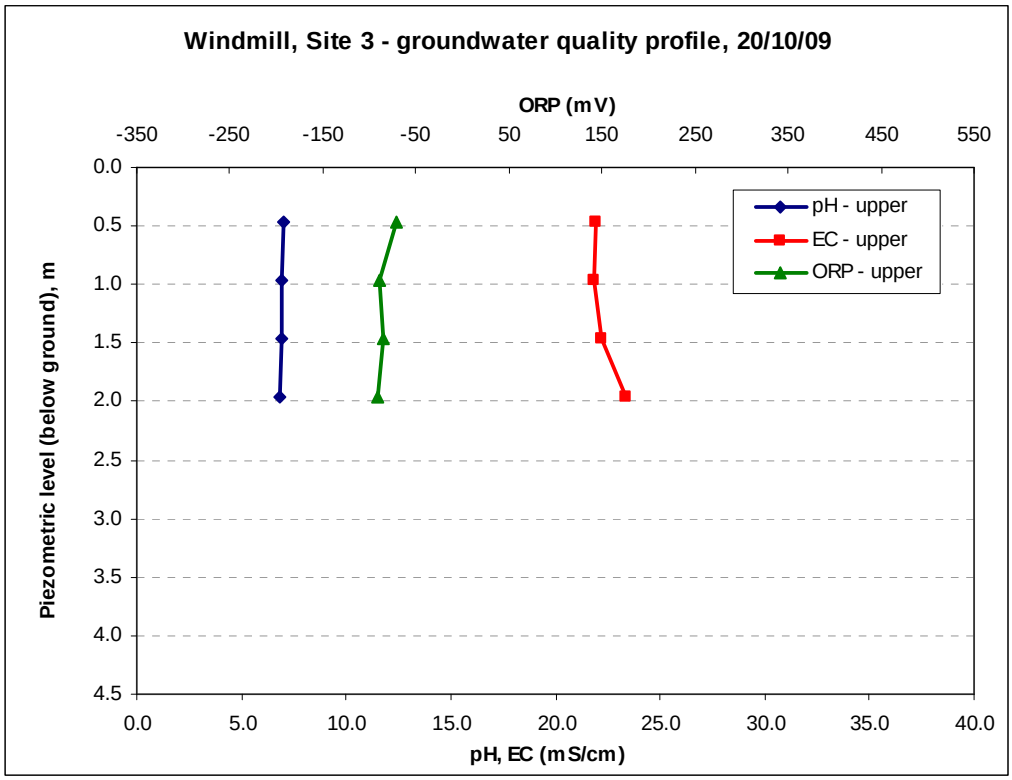

Campbell Park, Site 2 - groundwater quality profile, 19/10/09
ORP (mV)
-350 -250 -150 -50 50 150 250 350 450 550
Piezometric level (below ground), m
0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5
0.0 5.0 10.0 15.0 20.0 25.0 30.0 35.0 40.0 45.0 50.0
pH, EC (mS/cm)
pH - upper
EC - upper
pH - lower
EC - lower
ORP - upper
ORP - lower

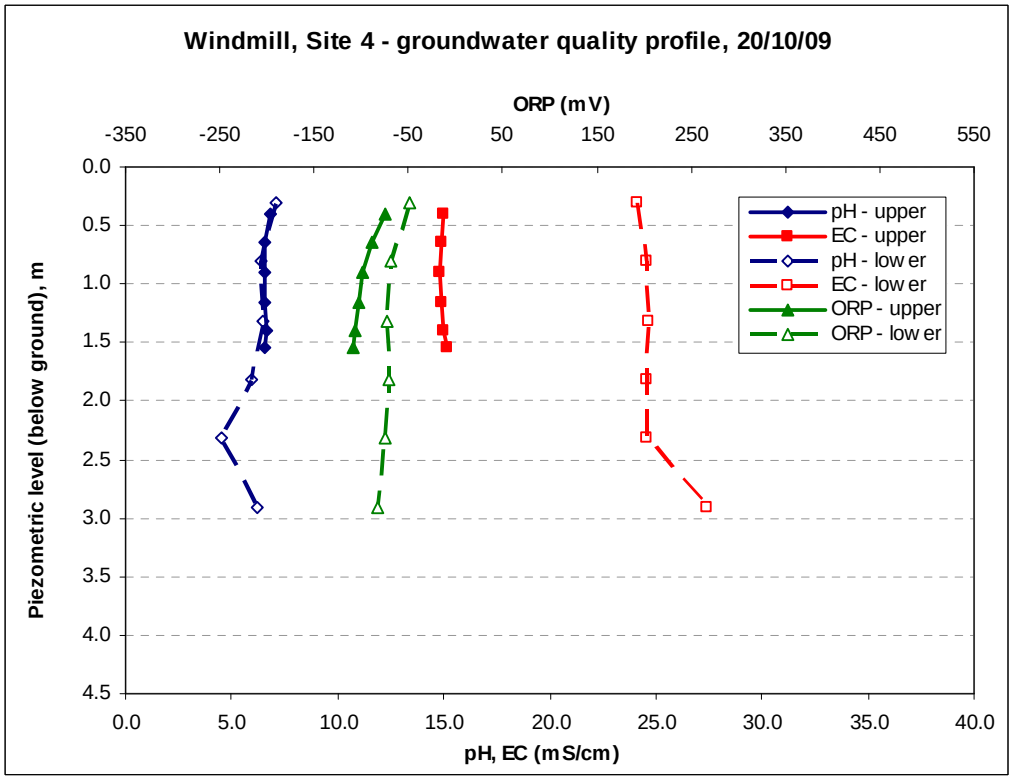

Campbell Park, Site 3 - groundwater quality profile, 19/10/09
ORP (mV)
-350
-250
-150
-50
50
150
250
350
450
550
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
Piezometric level (below ground), m
0.0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
pH, EC (mS/cm)
pH - upper
EC - upper
pH - lower
EC - lower
ORP - upper
ORP - lower

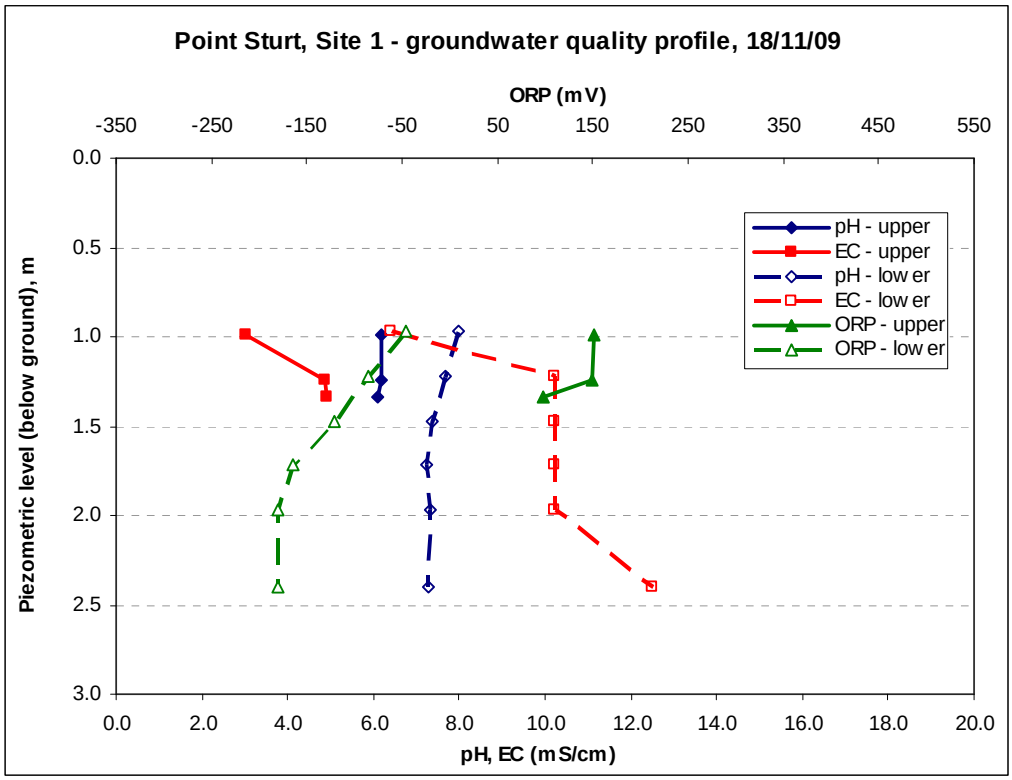

Campbell Park, Site 4 - groundwater quality profile, 19/10/09
ORP (mV)
-350
-250
-150
-50
50
150
250
350
450
550
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
Piezometric level (below ground), m
0.0
5.0
10.0
15.0
20.0
25.0
pH, EC (mS/cm)
pH - upper
EC - upper
pH - lower
EC - lower
pH - mid
EC - mid
ORP - upper
ORP - lower
ORP - mid

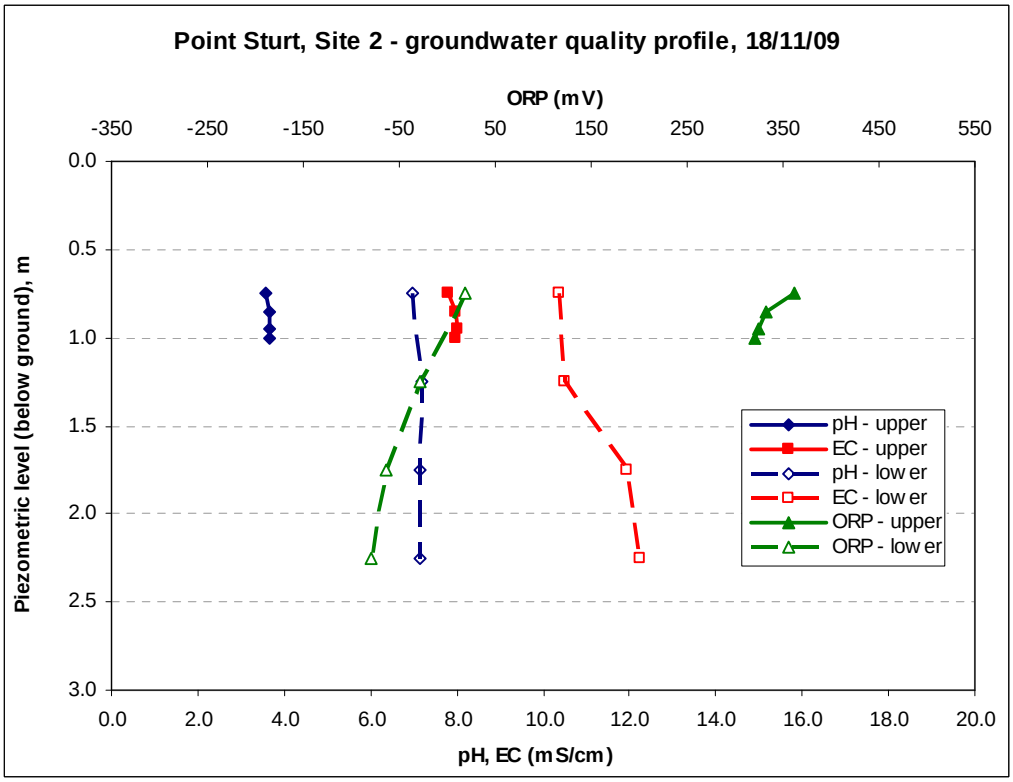

Windmill, Site 1 - groundwater quality profile, 20/10/09
ORP (mV)
-350
-250
-150
-50
50
150
250
350
450
550
Piezometric level (below ground), m
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
0.0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
pH, EC (mS/cm)
pH - upper
EC - upper
pH - lower
EC - lower
ORP - upper
ORP - lower

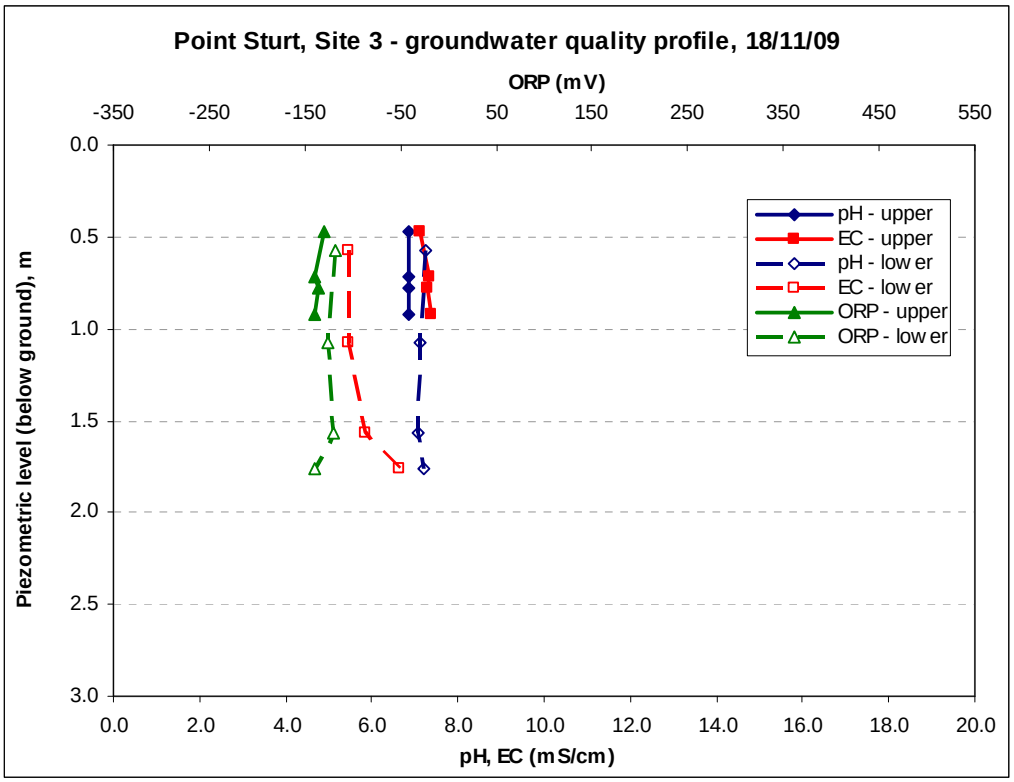

Windmill, Site 2 - groundwater quality profile, 20/10/09
ORP (mV)
-350
-250
-150
-50
50
150
250
350
450
550
Piezometric level (below ground), m
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
0.0
5.0
10.0
15.0
20.0
25.0
30.0
35.0
40.0
pH, EC (mS/cm)
pH - upper
EC - upper
ORP - upper

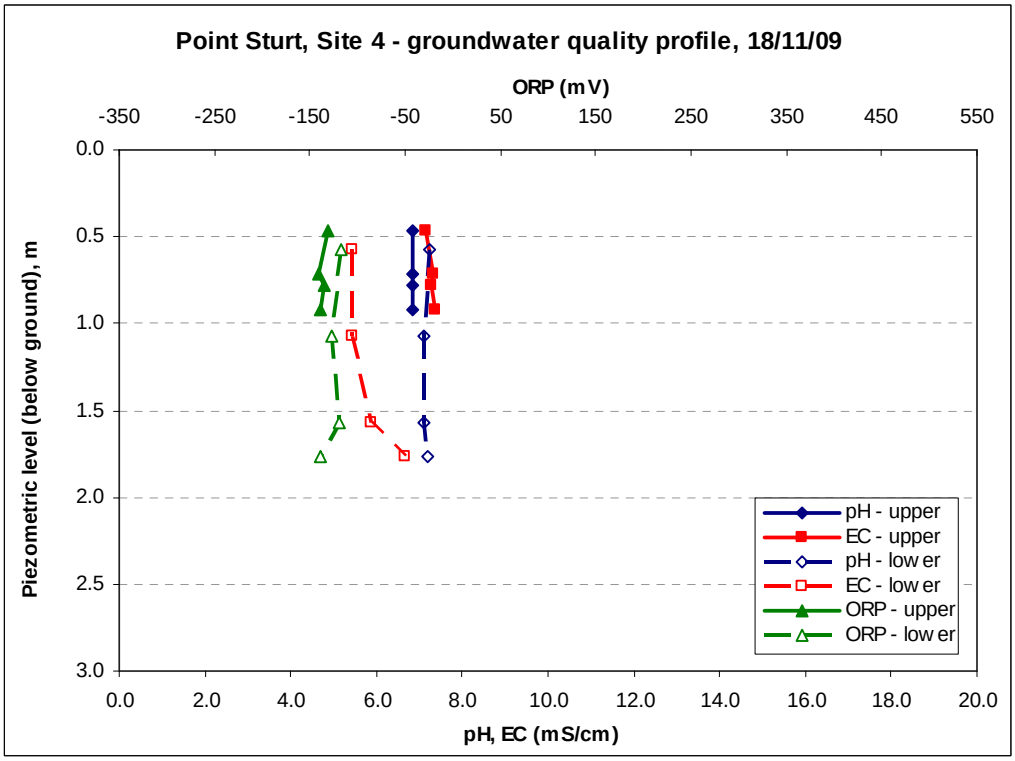

Windmill, Site 3 - groundwater quality profile, 20/10/09
ORP (mV)
-350 -250 -150 -50 50 150 250 350 450 550
Piezometric level (below ground), m
0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5
pH - upper
EC - upper
ORP - upper
0.0 5.0 10.0 15.0 20.0 25.0 30.0 35.0 40.0
pH, EC (mS/cm)

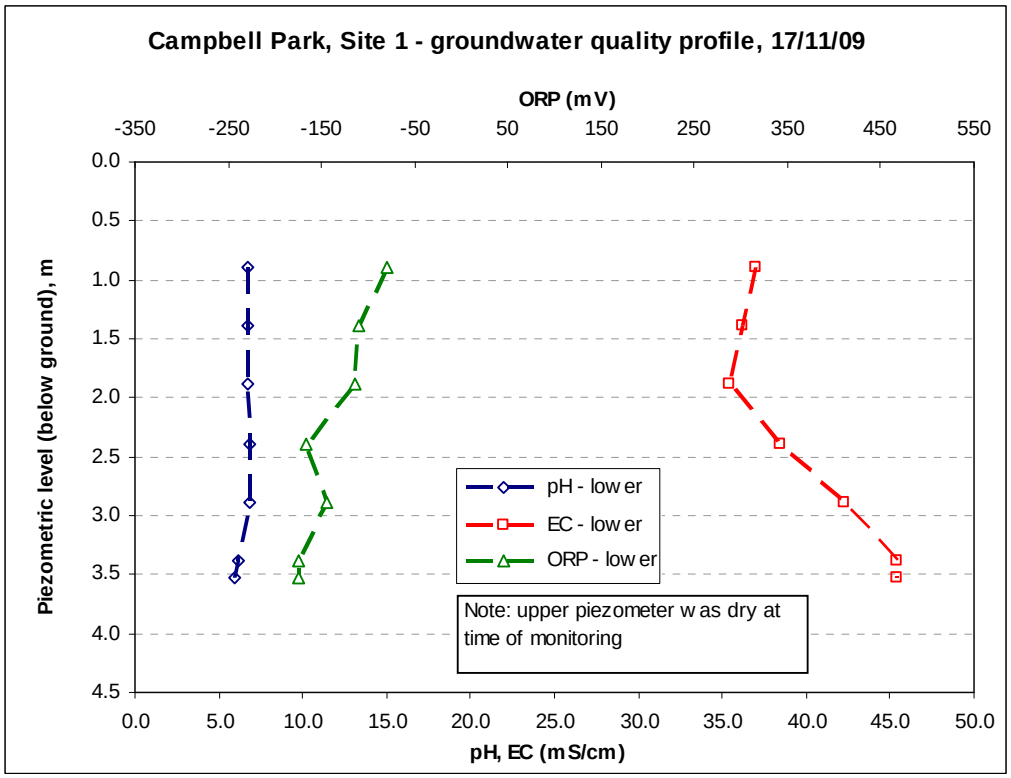

Windmill, Site 4 - groundwater quality profile, 20/10/09
ORP (mV)
-350 -250 -150 -50 50 150 250 350 450 550
Piezometric level (below ground), m
0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5
pH - upper
EC - upper
pH - lower
EC - lower
ORP - upper
ORP - lower
0.0 5.0 10.0 15.0 20.0 25.0 30.0 35.0 40.0
pH, EC (mS/cm)

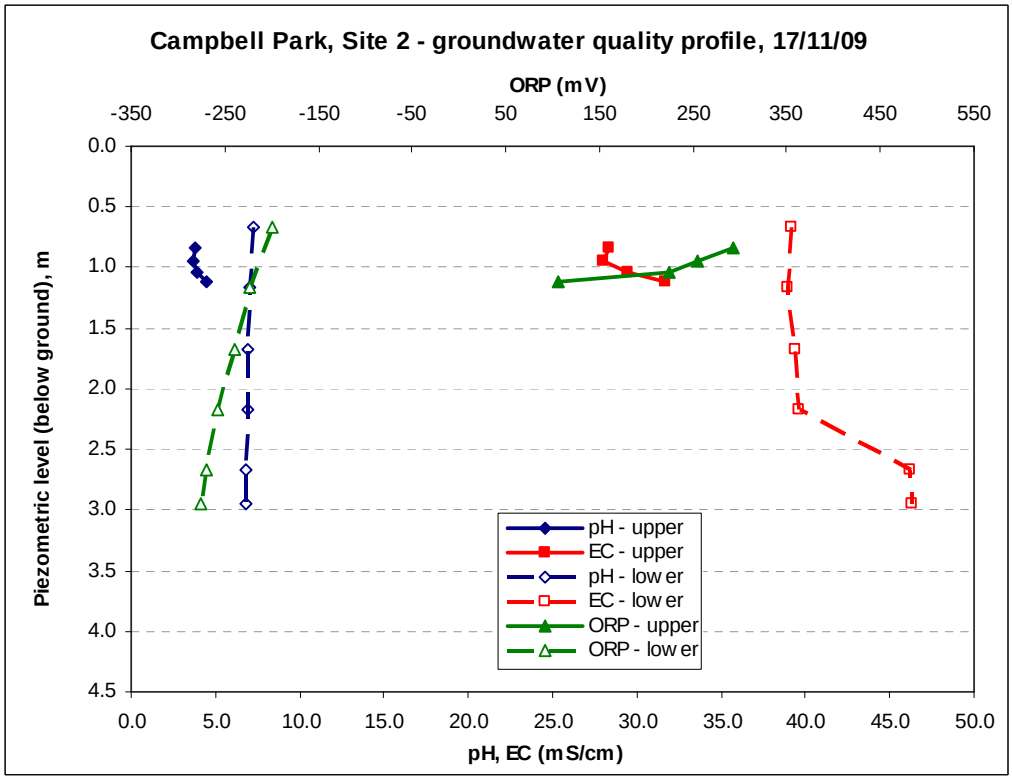

Point Sturt, Site 1 - groundwater quality profile, 18/11/09
ORP (mV)
-350 -250 -150 -50 50 150 250 350 450 550
Piezometric level (below ground), m
0.0 0.5 1.0 1.5 2.0 2.5 3.0
pH, EC (mS/cm)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0
pH - upper
EC - upper
pH - lower
EC - lower
ORP - upper
ORP - lower

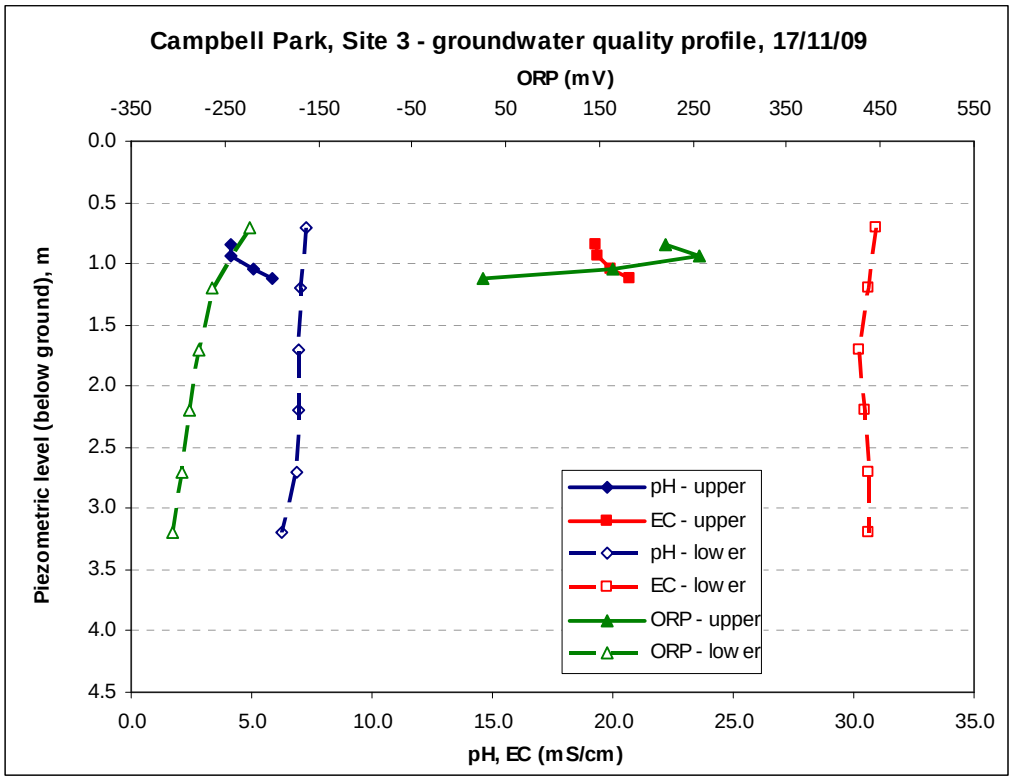

Point Sturt, Site 2 - groundwater quality profile, 18/11/09
ORP (mV)
-350 -250 -150 -50 50 150 250 350 450 550
Piezometric level (below ground), m
0.0 0.5 1.0 1.5 2.0 2.5 3.0
pH, EC (mS/cm)
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0
pH - upper
EC - upper
pH - lower
EC - lower
ORP - upper
ORP - lower

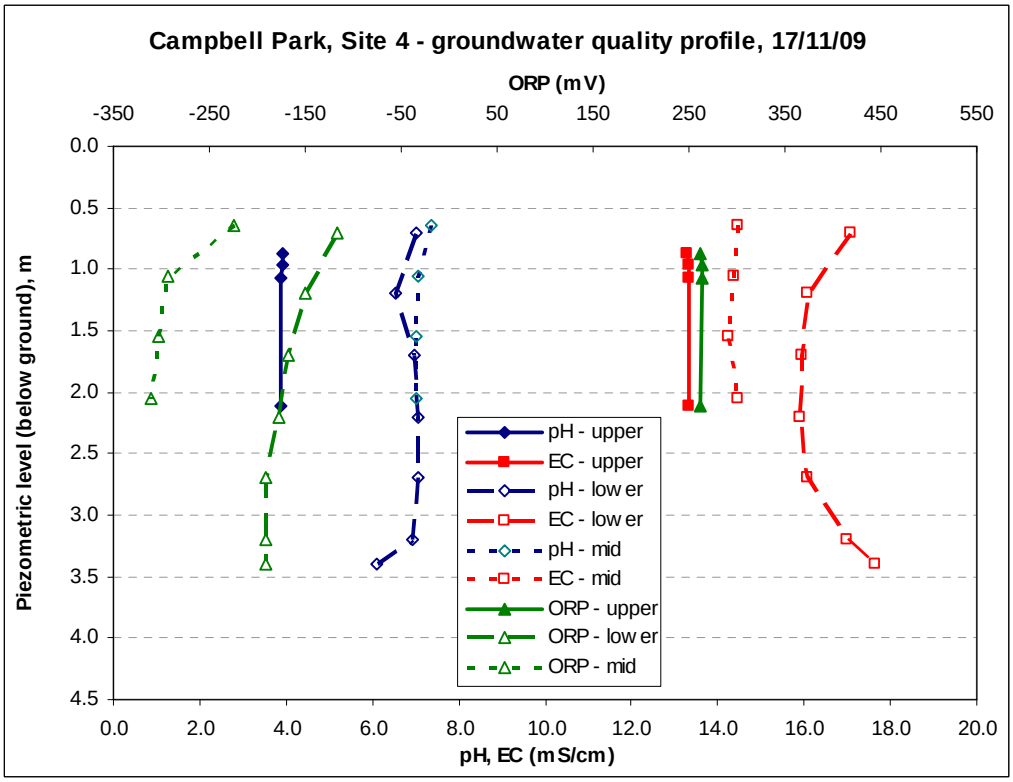

Point Sturt, Site 3 - groundwater quality profile, 18/11/09
ORP (mV)
-350
-250
-150
-50
50
150
250
350
450
550
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Piezometric level (below ground), m
pH - upper
EC - upper
pH - low er
EC - low er
ORP - upper
ORP - low er
0.0
2.0
4.0
6.0
8.0
10.0
12.0
14.0
16.0
18.0
20.0
pH, EC (mS/cm)

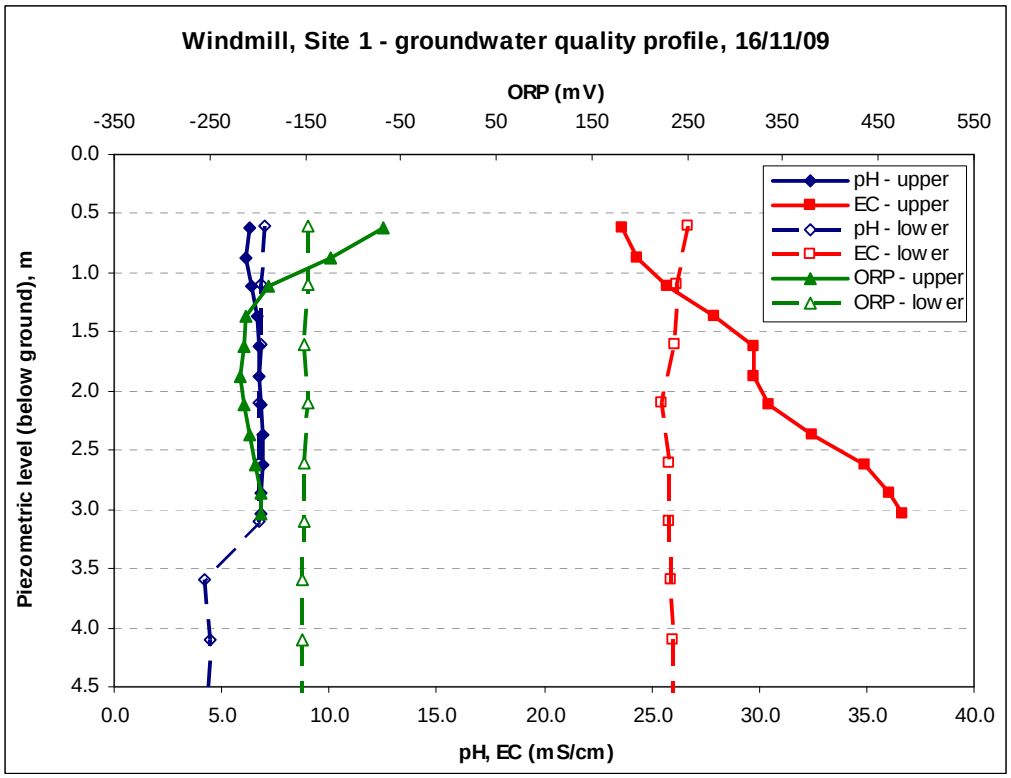

Point Sturt, Site 4 - groundwater quality profile, 18/11/09
ORP (mV)
-350
-250
-150
-50
50
150
250
350
450
550
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Piezometric level (below ground), m
pH - upper
EC - upper
pH - low er
EC - low er
ORP - upper
ORP - low er
0.0
2.0
4.0
6.0
8.0
10.0
12.0
14.0
16.0
18.0
20.0
pH, EC (mS/cm)

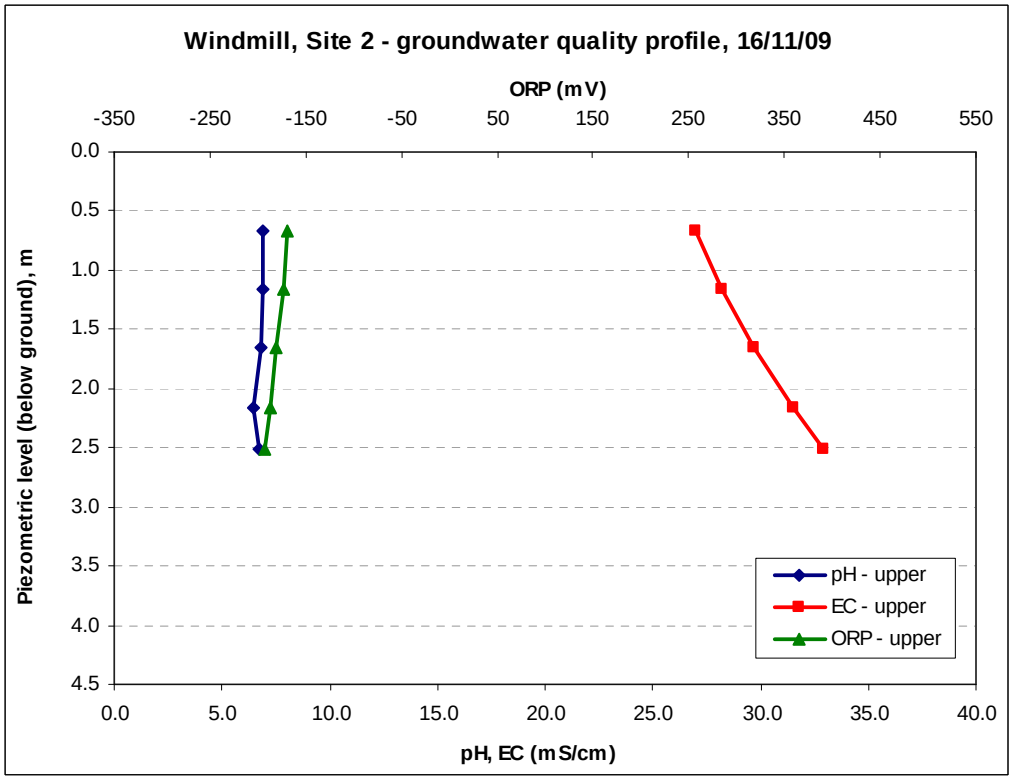

Campbell Park, Site 1 - groundwater quality profile, 17/11/09
ORP (mV)
-350 -250 -150 -50 50 150 250 350 450 550
Piezometric level (below ground), m
0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5
0.0 5.0 10.0 15.0 20.0 25.0 30.0 35.0 40.0 45.0 50.0
pH, EC (mS/cm)
pH - lower
EC - lower
ORP - lower
Note: upper piezometer was dry at time of monitoring

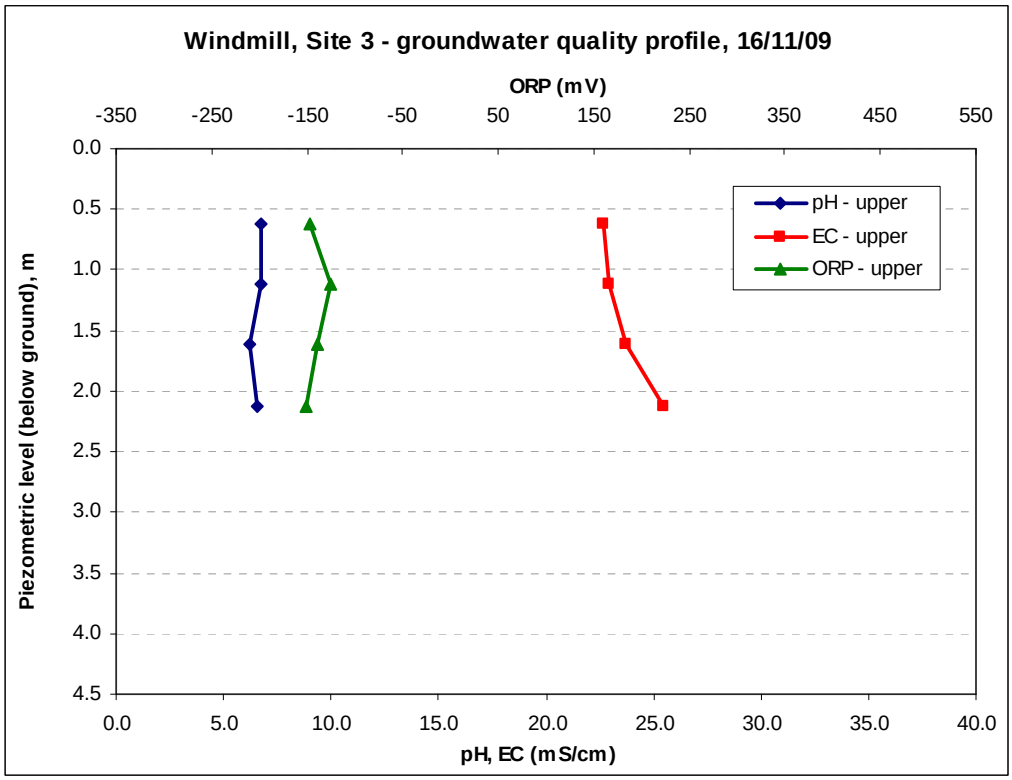

Campbell Park, Site 2 - groundwater quality profile, 17/11/09
ORP (mV)
-350 -250 -150 -50 50 150 250 350 450 550
Piezometric level (below ground), m
0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5
0.0 5.0 10.0 15.0 20.0 25.0 30.0 35.0 40.0 45.0 50.0
pH, EC (mS/cm)
pH - upper
EC - upper
pH - lower
EC - lower
ORP - upper
ORP - lower

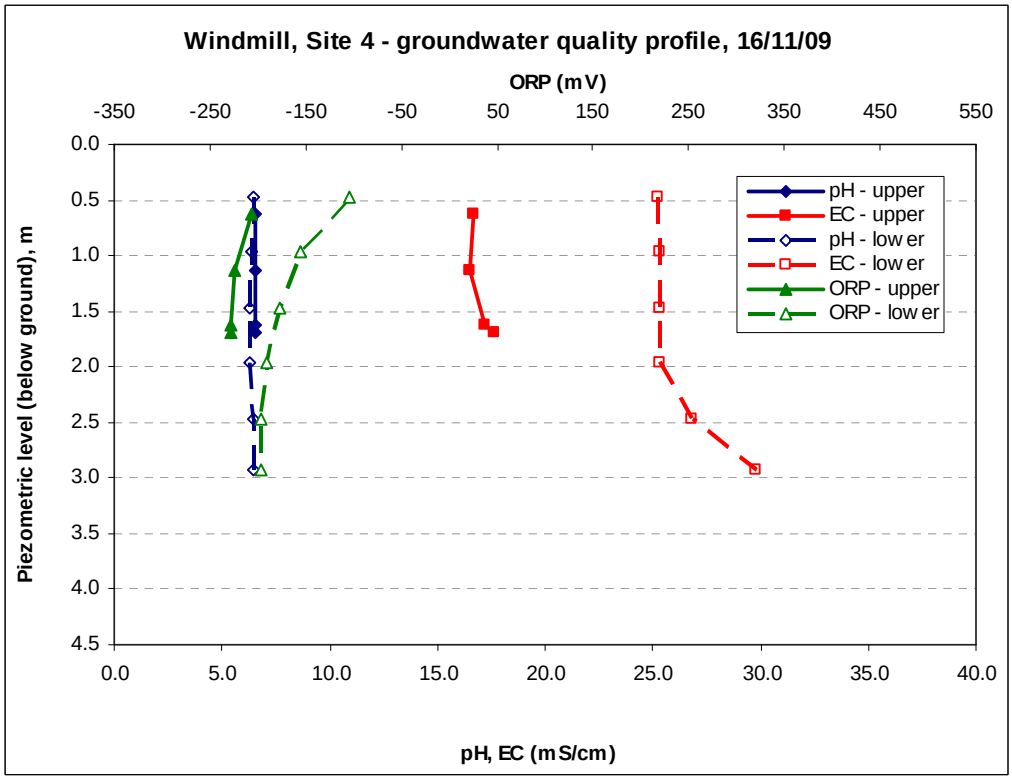

Campbell Park, Site 3 - groundwater quality profile, 17/11/09
ORP (mV)
-350 -250 -150 -50 50 150 250 350 450 550
Piezometric level (below ground), m
0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5
0.0 5.0 10.0 15.0 20.0 25.0 30.0 35.0
pH, EC (mS/cm)
pH - upper
EC - upper
pH - lower
EC - lower
ORP - upper
ORP - lower


Campbell Park, Site 4 - groundwater quality profile, 17/11/09
ORP (mV)
-350 -250 -150 -50 50 150 250 350 450 550
Piezometric level (below ground), m
0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5
0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 18.0 20.0
pH, EC (mS/cm)
pH - upper
EC - upper
pH - lower
EC - lower
pH - mid
EC - mid
ORP - upper
ORP - lower
ORP - mid


Windmill, Site 1 - groundwater quality profile, 16/11/09
ORP (mV)
-350 -250 -150 -50 50 150 250 350 450 550
Piezometric level (below ground), m
0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5
0.0 5.0 10.0 15.0 20.0 25.0 30.0 35.0 40.0
pH, EC (mS/cm)
pH - upper
EC - upper
pH - lower
EC - lower
ORP - upper
ORP - lower


Windmill, Site 2 - groundwater quality profile, 16/11/09
ORP (mV)
-350 -250 -150 -50 50 150 250 350 450 550
Piezometric level (below ground), m
0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5
0.0 5.0 10.0 15.0 20.0 25.0 30.0 35.0 40.0
pH, EC (mS/cm)
pH - upper
EC - upper
ORP - upper


Windmill, Site 3 - groundwater quality profile, 16/11/09
ORP (mV)
-350 -250 -150 -50 50 150 250 350 450 550
0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5
Piezometric level (below ground), m
pH - upper
EC - upper
ORP - upper
0.0 5.0 10.0 15.0 20.0 25.0 30.0 35.0 40.0
pH, EC (mS/cm)


Windmill, Site 4 - groundwater quality profile, 16/11/09
ORP (mV)
-350 -250 -150 -50 50 150 250 350 450 550
0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5
Piezometric level (below ground), m
pH - upper
EC - upper
pH - lower
EC - lower
ORP - upper
ORP - lower
0.0 5.0 10.0 15.0 20.0 25.0 30.0 35.0 40.0
pH, EC (mS/cm)

Attachment O:

Temporal variation in groundwater quality at Lake Alexandrina and Lake Albert

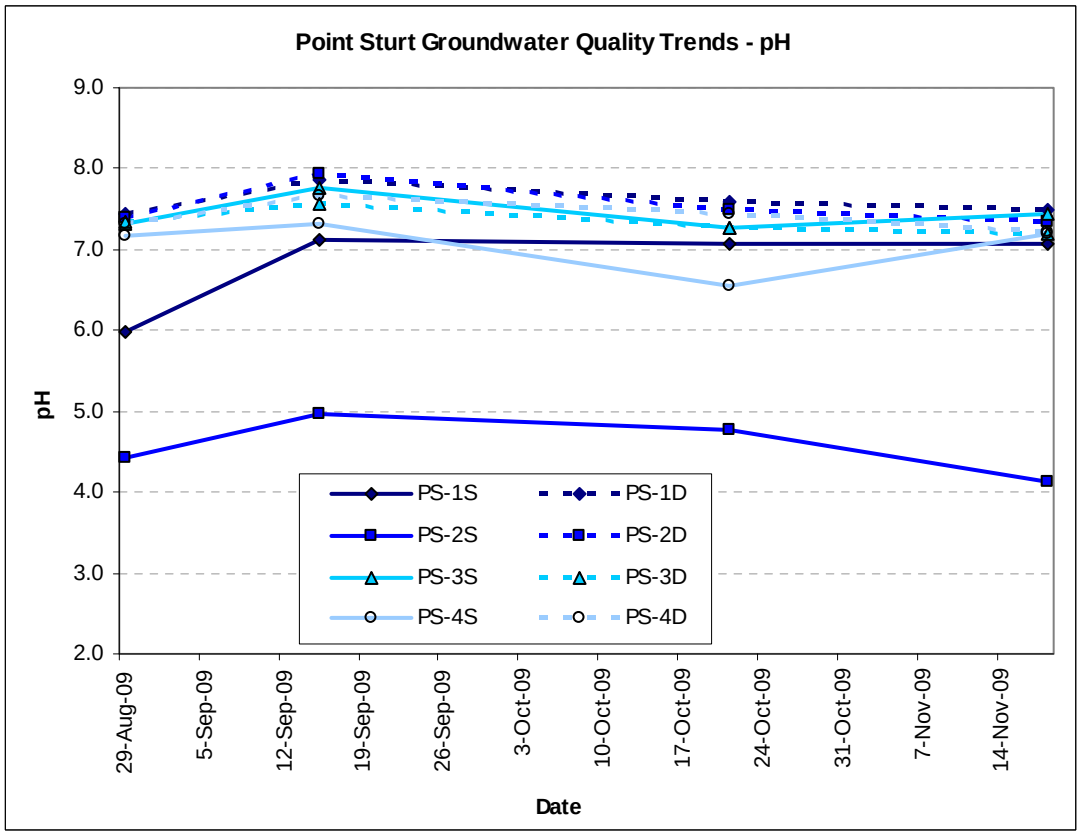


Figure Q1. Temporal variations in pH at Point Sturt from 28 August to 18 November 2009.

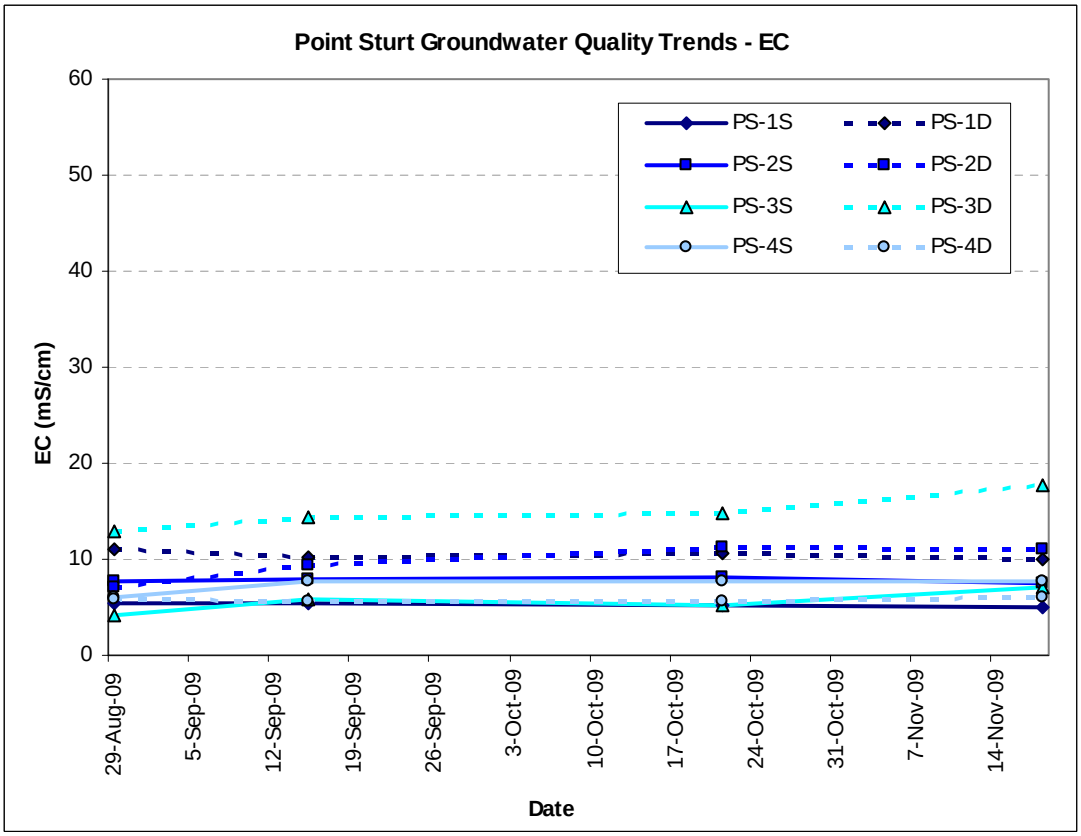


Figure Q2. Temporal variations in EC at Point Sturt from 28 August to 18 November 2009.

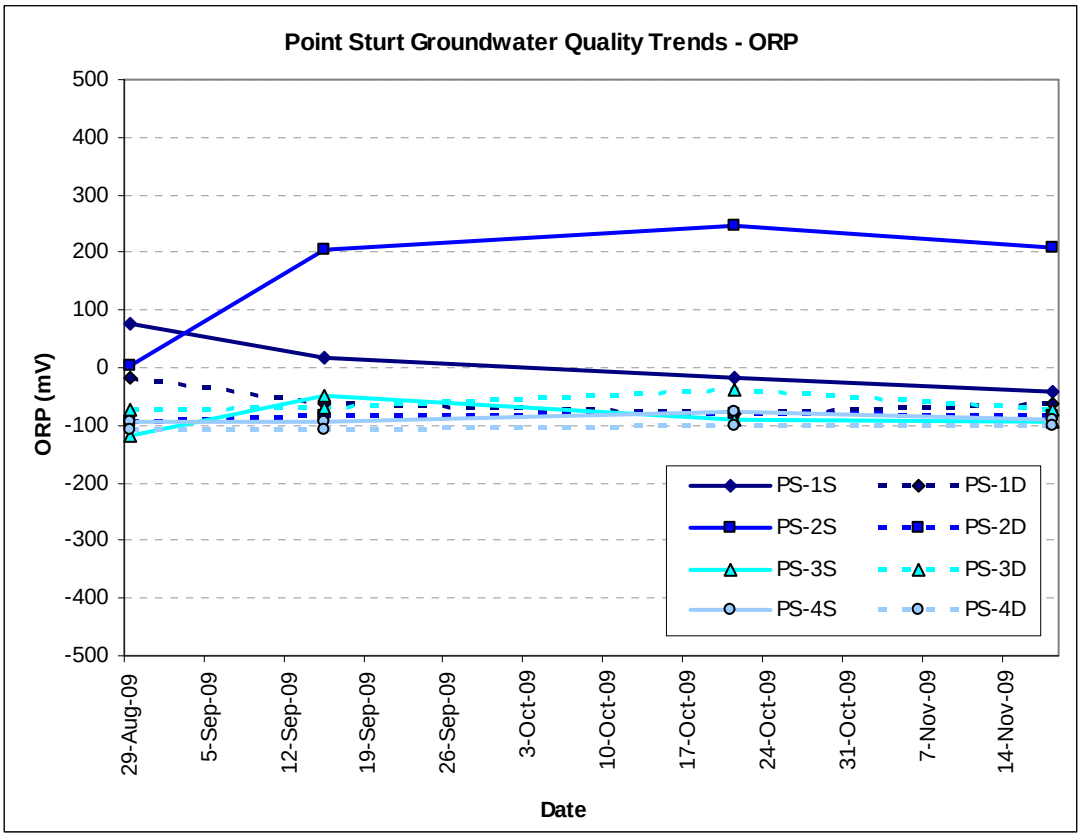


Figure Q3. Temporal variations in ORP at Point Sturt from 28 August to 18 November 2009.

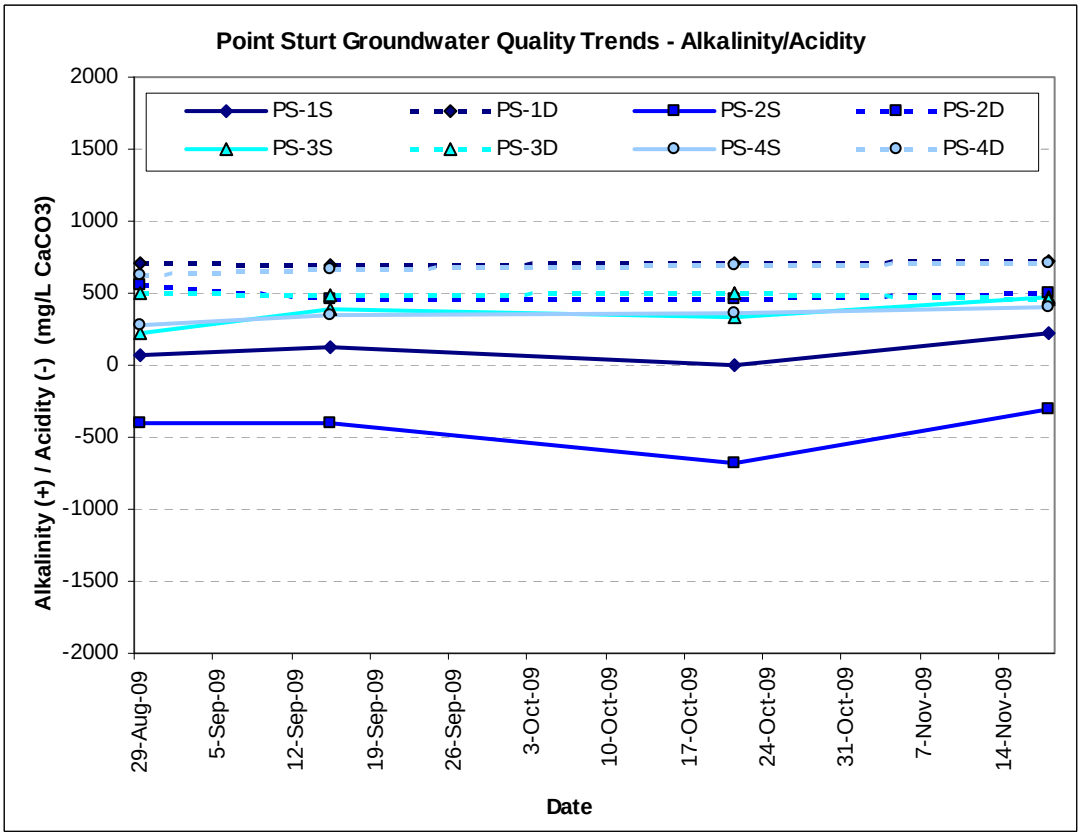


Figure Q4. Temporal variations in Alkalinity and acidity at Point Sturt from 28 August to 18 November 2009.

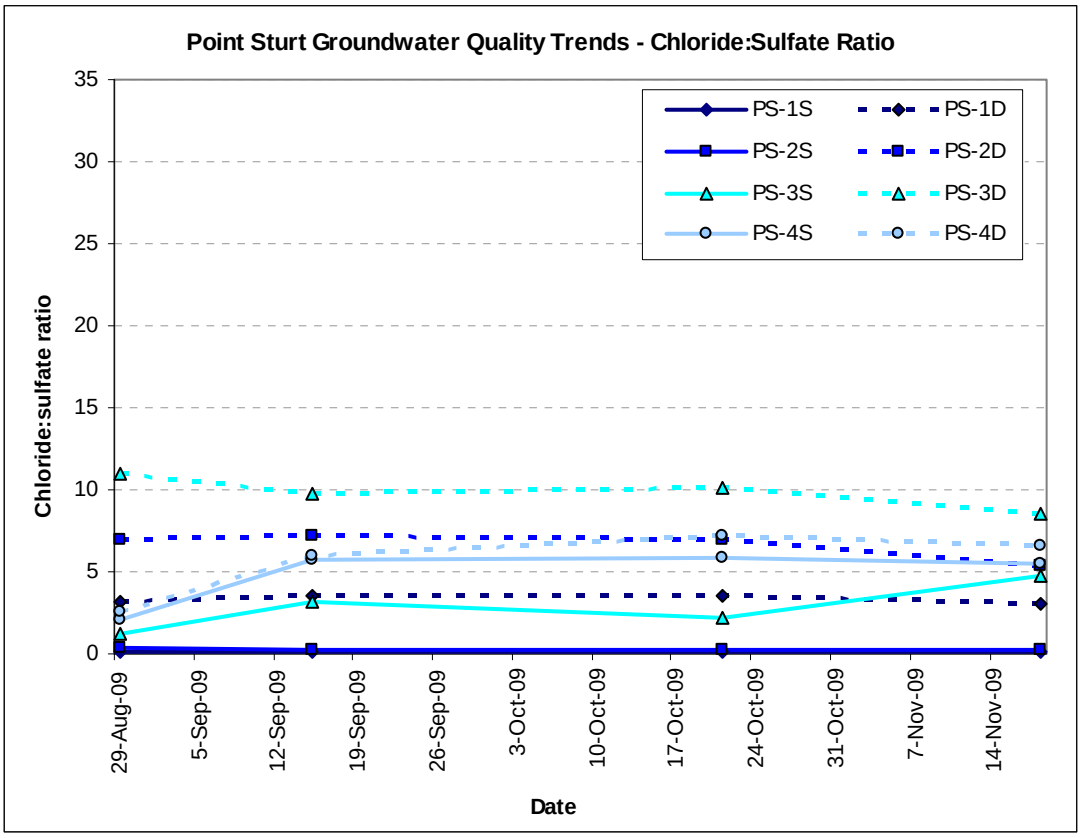


Figure Q5. Temporal variations in chloride to sulfate ratio at Point Sturt from 28 August to 18 November 2009.

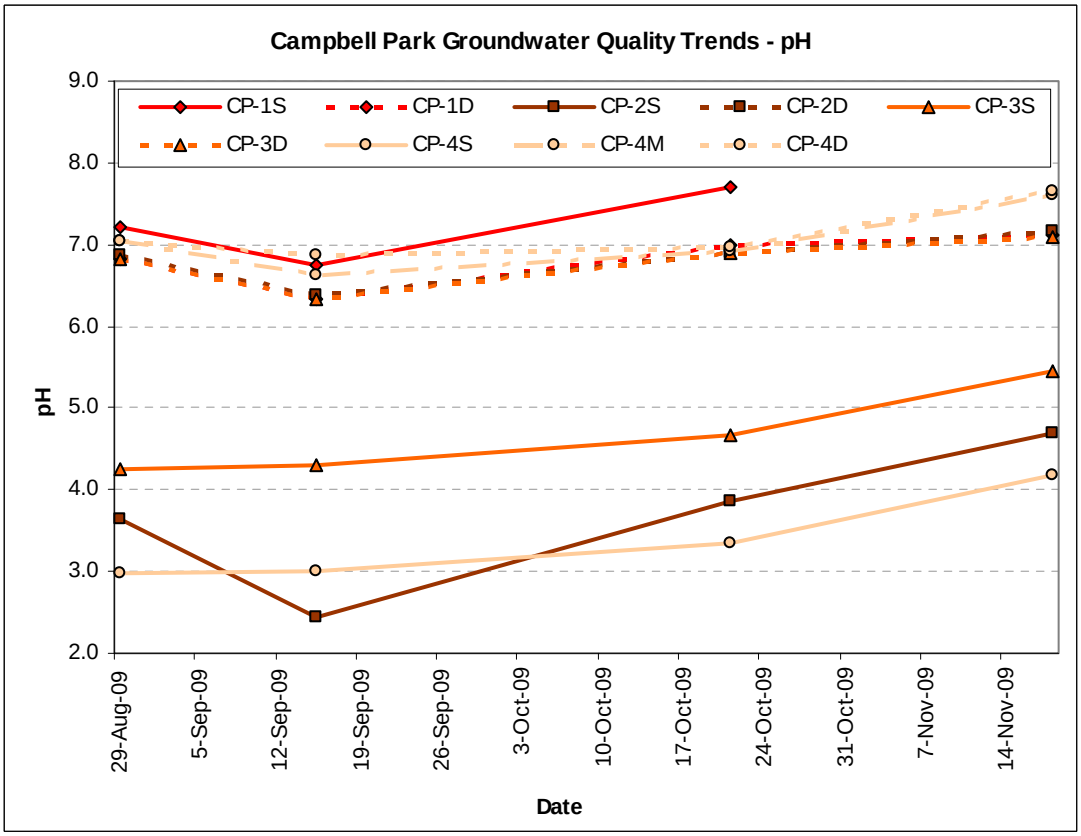


Figure Q6. Temporal variations in pH at Campbell Park from 28 August to 18 November 2009.

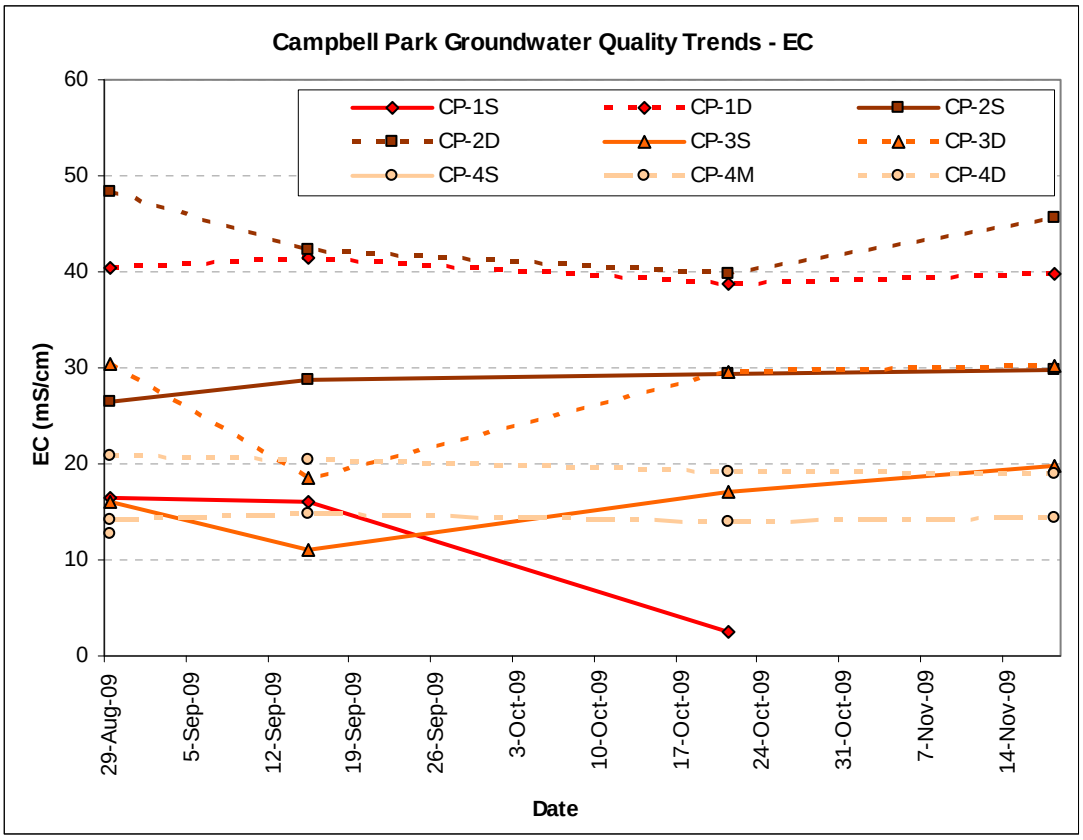


Figure Q7. Temporal variations in EC at Campbell Park from 28 August to 18 November 2009.

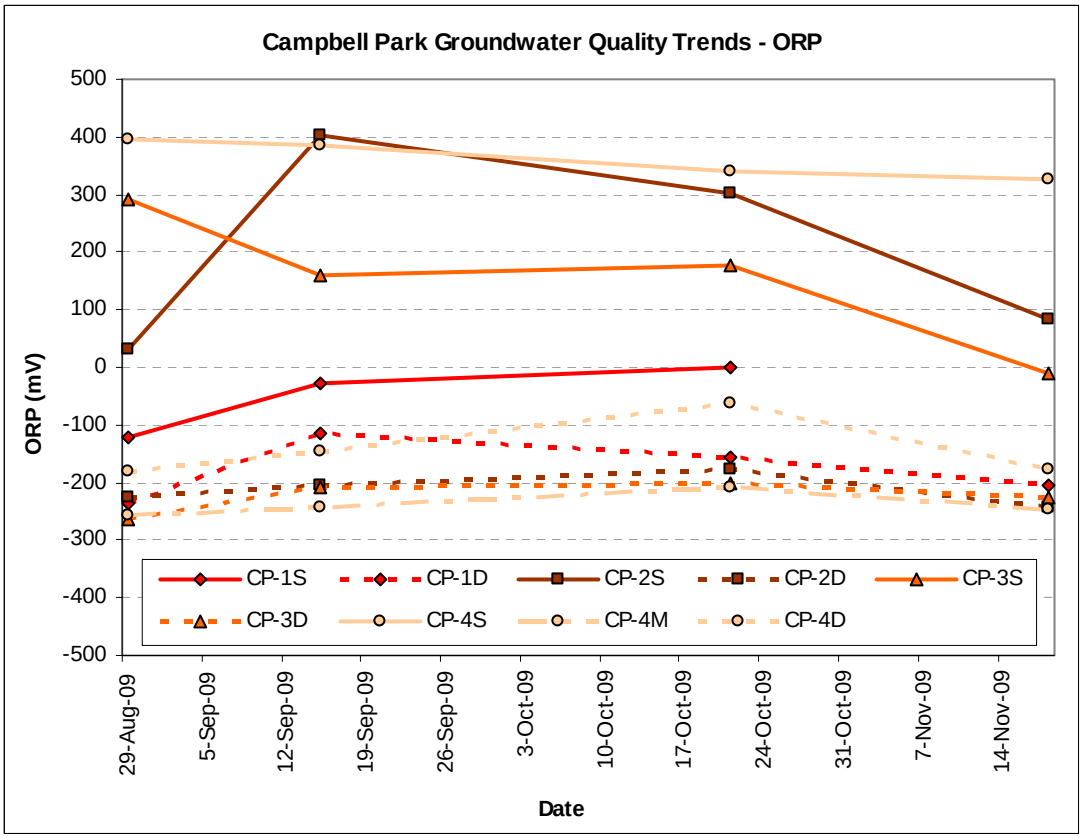


Figure Q8. Temporal variations in ORP at Campbell Park from 28 August to 18 November 2009.

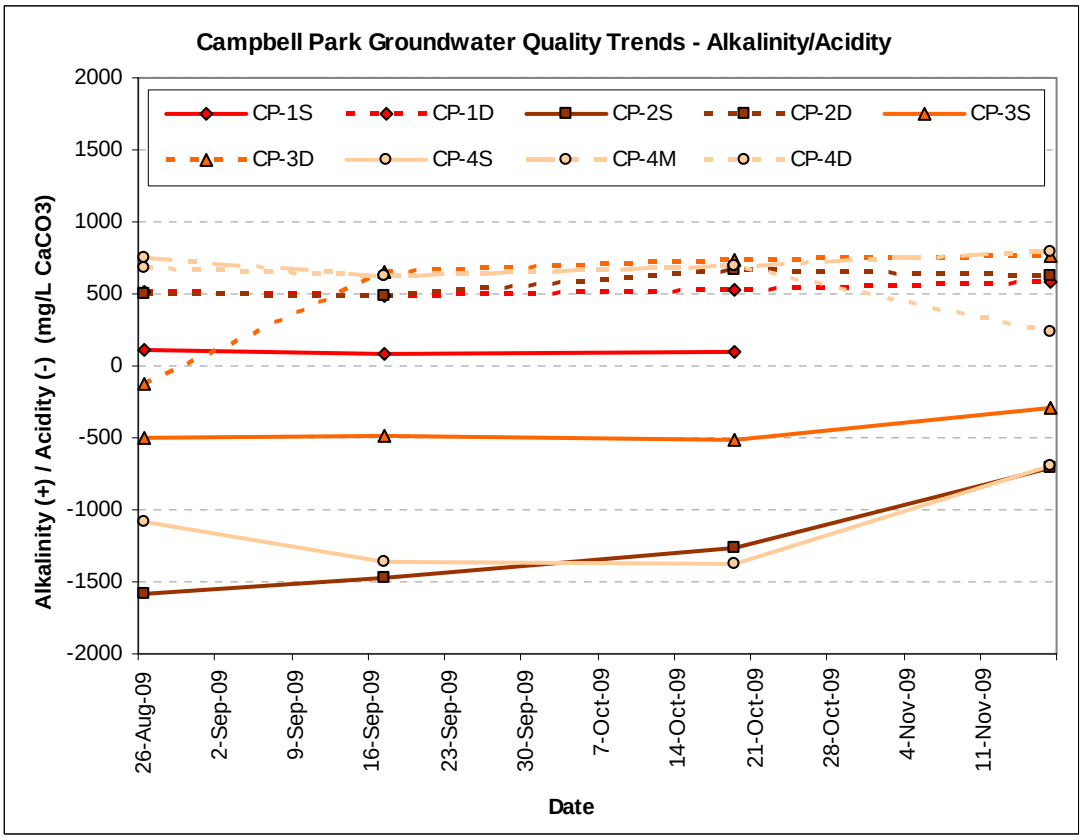


Figure Q9. Temporal variations in alkalinity and acidity at Campbell Park from 28 August to 18 November 2009.

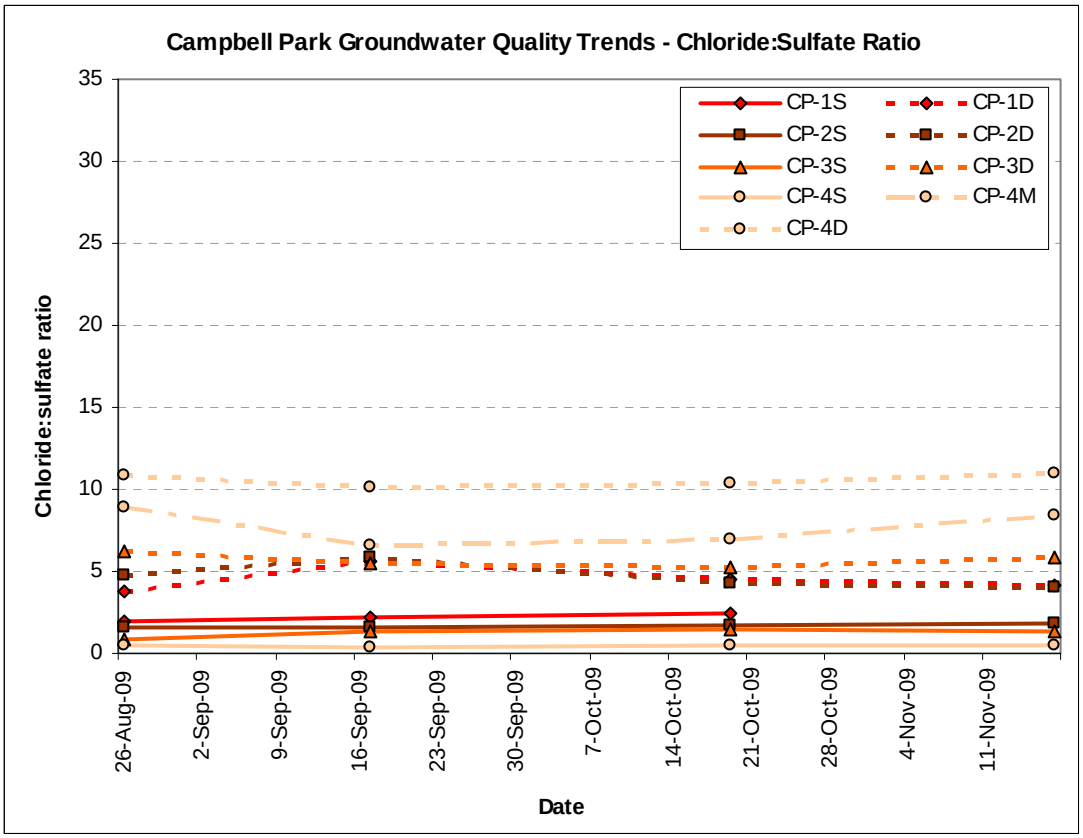


Figure Q10. Temporal variations in chloride to sulfate ratio at Campbell Park from 28 August to 18 November 2009.

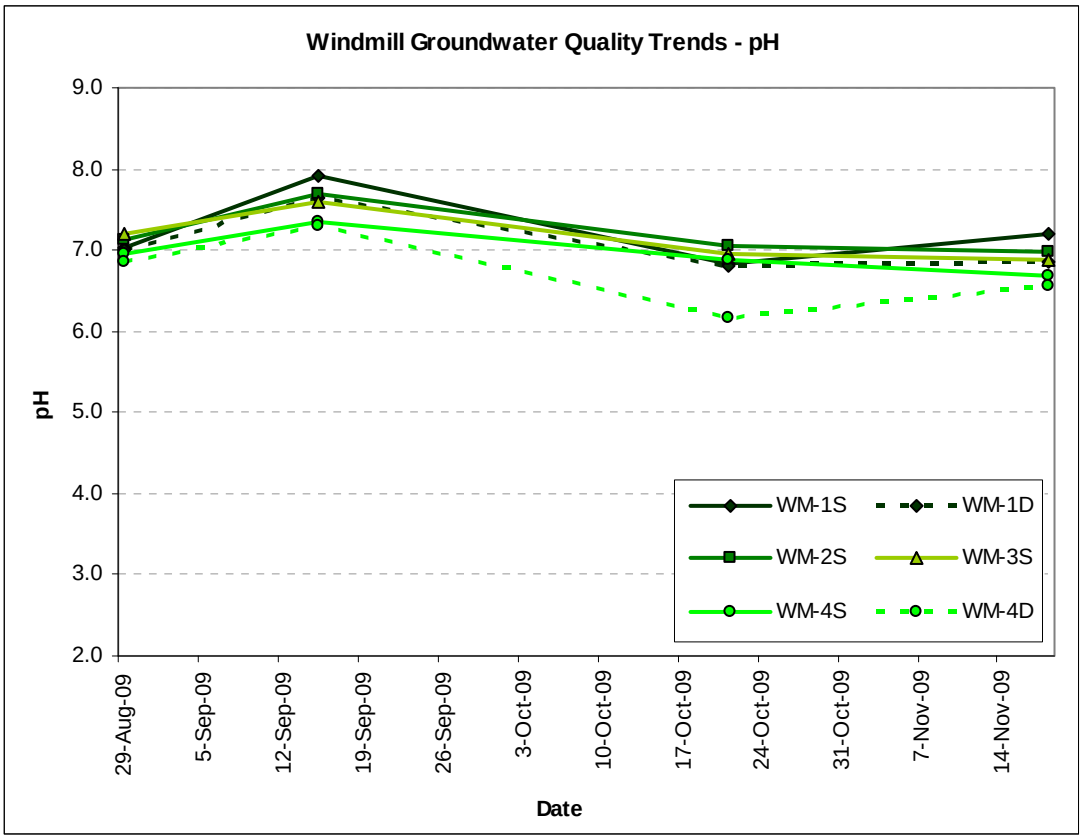


Figure Q11. Temporal variations in pH at Windmill from 28 August to 18 November 2009.

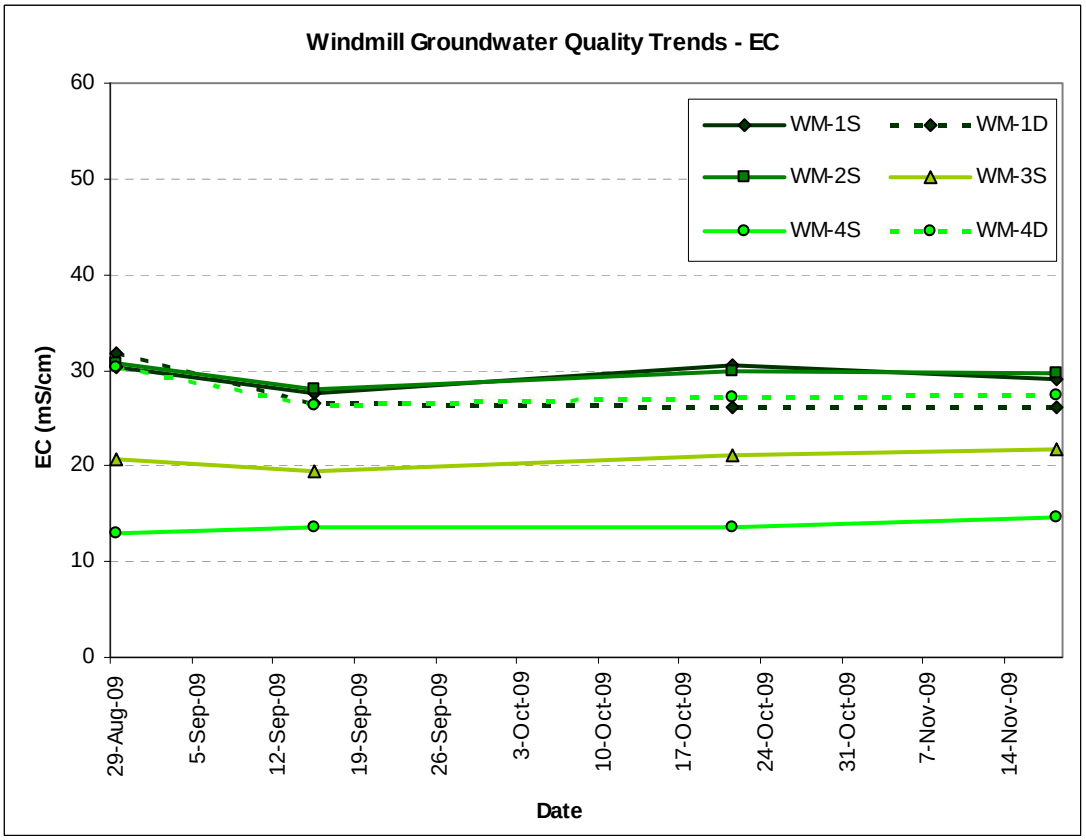


Figure Q12. Temporal variations in EC at Windmill from 28 August to 18 November 2009.

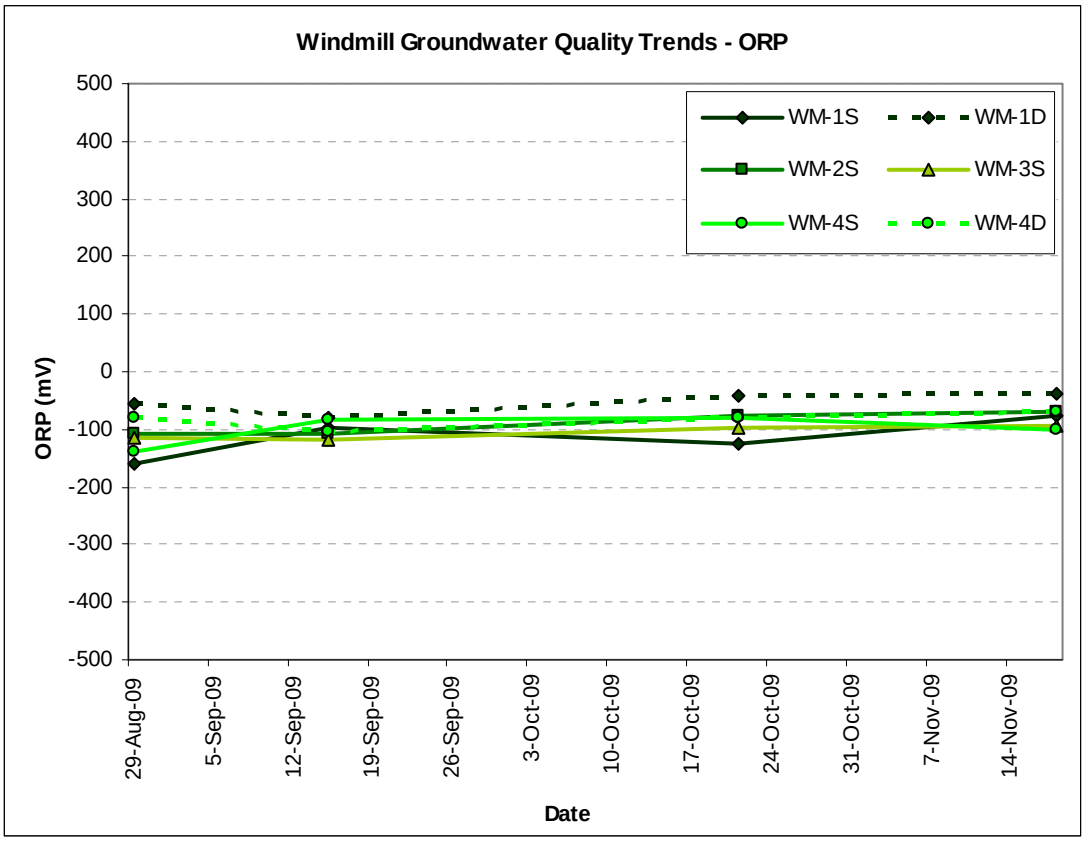


Figure Q13. Temporal variations in ORP at Windmill from 28 August to 18 November 2009.

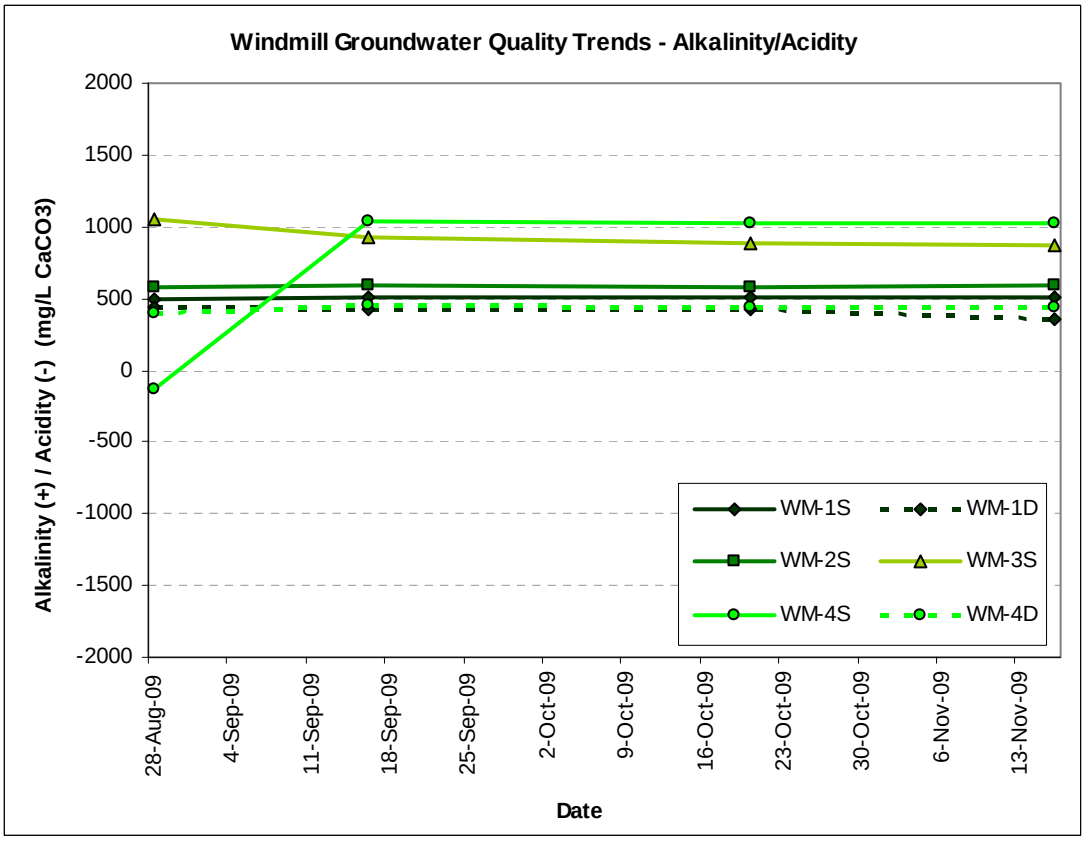


Figure Q14. Temporal variations in alkalinity and acidity at Windmill from 28 August to 18 November 2009.

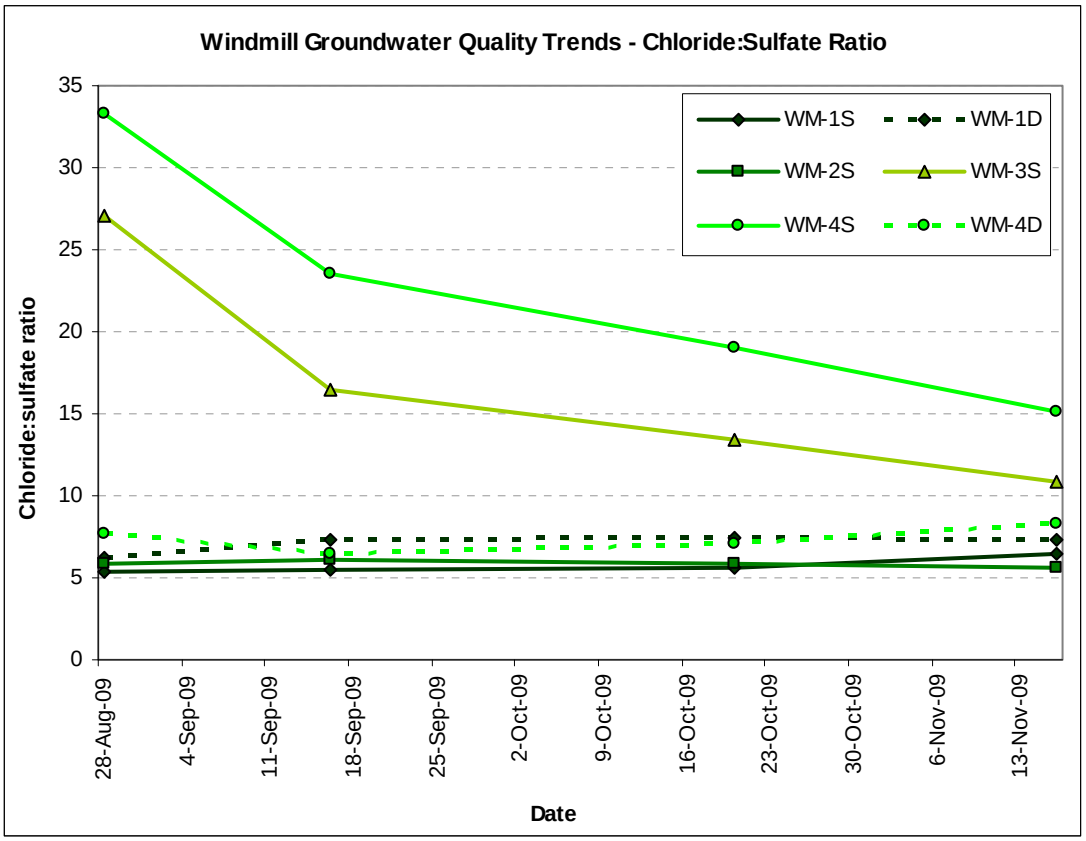


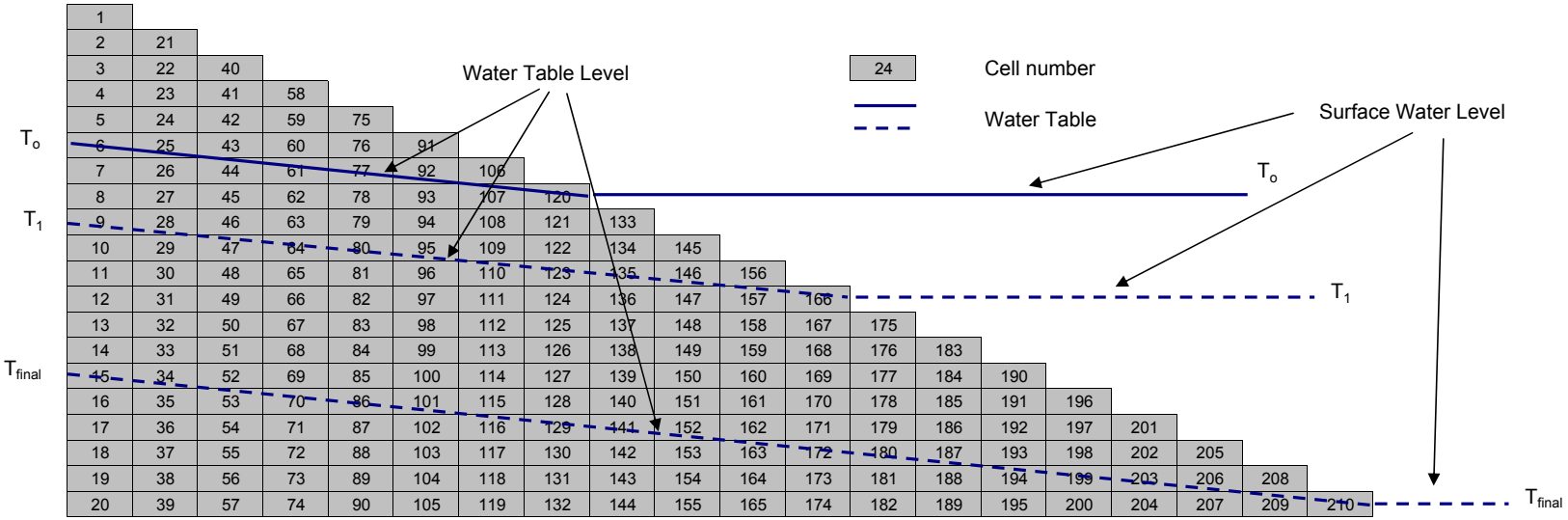
Figure Q15. Temporal variations in chloride to sulfate ratio at Windmill from 28 August to 18 November 2009.

Attachment P:

Acidity flux model overview and input data

MODEL OVERVIEW

Acidity Flux Model
Lower Murray Lakes
South Australia



Total Number of Cells = 210 Individual Time Steps 24 hour (1 day)

Input Parameters for each cell

- Dimensions
- Density
- Total sulfur content (wt%)
- Total acid neutralising capacity (ANC, wt% $CaCO_3$)

Calculated Cell Parameters for each time step

- Groundwater level
- Moisture content
- Sulfide oxidation rate
- Total acidity generated
- Residual sulfide content
- ANC consumed
- Residual ANC
- Net acidity generated

Model Outline

Pyrite content of cell calculated from total sulfur content of cell assuming ALL sulfur present is present as pyrite
Mass of pyrite calculated from pyrite content, cell volume and cell density
Position of the water table is calculated based on independently modeled surface water levels, and assumes a constant hydraulic gradient from the edge of the surface water body at any given time T_x
Water table falls to a final level which can be preset
Moisture content of each cell calculated as a function of its relative position to water table at any given time T_x
Oxidation rate for each cell calculated from cell moisture content based on OXCON experimental data using Lower Lakes sediments
Each iteration models 1 day acidity generation, with the time interval set by the units of oxidation rate which is expressed as wt% Pyrite oxidised / day
Total acidity generation for each cell calculated from the oxidation of available pyrite

Residual pyrite content calculated by subtracting amount of pyrite oxidised during iteration from the initial pyrite
Maximum ANC consumption rate in each cell can be set at a proportion of available ANC in wt% $CaCO_3$ / year
In each cell, actual ANC consumption (mass H_2SO_4 equivalent) cannot exceed total acidity generation (mass H_2SO_4) in a given time step
Residual ANC calculated by subtracting amount of ANC consumed during iteration from the initial ANC
Net acidity generation is calculated by subtracting ANC consumption (mass H_2SO_4 equivalent) from total acidity generation (mass H_2SO_4)
Acidity generated is the sum of acidity from all cells (applies to total acidity and net acidity)
Acidity generated from each modeled site is estimated from modeled wedge dimensions and lake or site shoreline dimensions

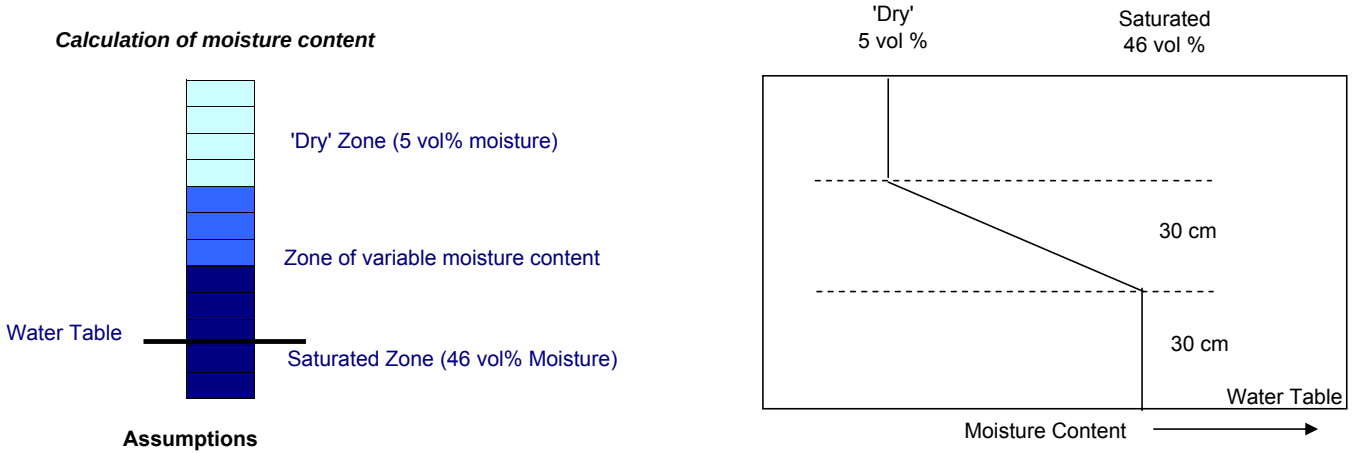
Key Model Assumptions

Only sandy sediments are exposed as a result of decreasing lake water levels (clays assumed to remain saturated)
DWLBC surface water level predictions used where available; rate of water level change otherwise assumed to be constant
Oxidation rate is a constant for a given moisture content
Saturated sediments have a moisture content of 46 vol%
Dry sediments have a moisture content of 5 vol%

Calculation of water table position

Hydraulic gradient is proportional to the slope of the exposed sediment bank

Calculation of moisture content



Assumptions

Field moisture data for the sands indicate that ~46 vol% represents saturation
Field moisture data for the sands indicate that 4-5 vol% is a minimum
Field moisture data indicates that the sands are saturated up to 30 cm above the water table, probable due to capillary rise
Field moisture data indicates that there is a zone of ~30 cm of variable moisture content between saturated and 'dry' sands
The current model assumes a linear relationship between moisture content and height above the saturated zone (46 vol% moisture) until the dry zone (5 vol% moisture) after which the moisture content remains constant

Cell Details

Cell Dimensions			
Depth	Width	Length	Volume
m	m	m	m^3
0.1	100	35	350

Shore Length
km
12

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
1	Sand	1.7	0.090	0.17	1,001,818	0.200	1,166,174	0.027
2	Sand	1.7	0.025	0.05	278,283	0.200	1,166,174	0.027
3	Sand	1.7	0.020	0.04	222,626	0.151	879,916	0.027
4	Sand	1.7	0.024	0.04	265,301	1.079	6,291,219	0.027
5	Sand	1.7	0.031	0.06	342,295	1.534	8,942,888	0.027
6	Sand	1.7	0.338	0.63	3,766,265	1.018	5,936,024	0.027
7	Sand	1.7	0.504	0.94	5,612,438	1.183	6,895,996	0.027
8	Sand	1.7	0.438	0.82	4,873,256	1.044	6,086,685	0.027
9	Sand	1.7	0.493	0.92	5,483,491	1.357	7,913,734	0.027
10	Sand	1.7	0.757	1.42	8,423,674	1.636	9,541,579	0.027

Lithological Parameters

Parameter	Unit	Sand	Clay
Density	g/cm^3	1.7	2.1

Surface Water Levels

Starting surface water level: 1 m

Minimum surface water level: 0 m

Hydraulic Gradient

Hydraulic gradient / bank slope: 0.2

Hydraulic gradient: 0.000571 m / m

Moisture content

Volumetric moisture content - lower limit: 4% (vol)

Volumetric moisture content - upper limit (~100% saturated): 46% (vol)

Gravimetric moisture content - upper limit (~100% saturated): 24% (wt)

Distance above water table at which moisture content = upper limit: 0.3 m

Distance above water table at which moisture content = lower limit: 0.6 m

Depth over which moisture content varies (upper to lower limit): 0.3 m

Rate of change of volumetric moisture content between upper and lower limits: 1.4000 vol% / m

Relationship between volumetric and gravimetric moisture content

Algorithm: $y = Ax^4+Bx^3+Cx^2+Dx+E$ where y = gravimetric moisture content (wt% H_2O); x = volumetric moisture content (vol% H_2O)

A	B	C	D	E
0	0	0	0.5109	0

Relationship between pyrite oxidation rate and gravimetric moisture content

Algorithm: $y = Ax^4+Bx^3+Cx^2+Dx+E$ where y = pyrite oxidation rate (wt% FeS_2 / unit time); x = gravimetric moisture content (wt% H_2O)

A	B	C	D	E
0	-4.3488	0.6565	0.076	0.0008

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
21	Sand	1.7	0.025	0.05	278,283	0.200	1,166,174	0.027
22	Sand	1.7	0.020	0.04	222,626	0.151	879,916	0.027
23	Sand	1.7	0.024	0.04	265,301	1.079	6,291,219	0.027
24	Sand	1.7	0.031	0.06	342,295	1.534	8,942,888	0.027
25	Sand	1.7	0.338	0.63	3,766,265	1.018	5,936,024	0.027
26	Sand	1.7	0.504	0.94	5,612,438	1.183	6,895,996	0.027
27	Sand	1.7	0.438	0.82	4,873,256	1.044	6,086,685	0.027
28	Sand	1.7	0.493	0.92	5,483,491	1.357	7,913,734	0.027
29	Sand	1.7	0.757	1.42	8,423,674	1.636	9,541,579	0.027

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
40	**Sand**	1.7	0.020	0.04	222,626	0.151	879,916	0.027
41	**Sand**	1.7	0.024	0.04	265,301	1.079	6,291,219	0.027
42	**Sand**	1.7	0.031	0.06	342,295	1.534	8,942,888	0.027
43	**Sand**	1.7	0.338	0.63	3,766,265	1.018	5,936,024	0.027
44	**Sand**	1.7	0.504	0.94	5,612,438	1.183	6,895,996	0.027
45	**Sand**	1.7	0.438	0.82	4,873,256	1.044	6,086,685	0.027
46	**Sand**	1.7	0.493	0.92	5,483,491	1.357	7,913,734	0.027
47	**Sand**	1.7	0.757	1.42	8,423,674	1.636	9,541,579	0.027

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
58	Sand	1.7	0.024	0.04	265,301	1.079	6,291,219	0.027
59	Sand	1.7	0.031	0.06	342,295	1.534	8,942,888	0.027
60	Sand	1.7	0.338	0.63	3,766,265	1.018	5,936,024	0.027
61	Sand	1.7	0.504	0.94	5,612,438	1.183	6,895,996	0.027
62	Sand	1.7	0.438	0.82	4,873,256	1.044	6,086,685	0.027
63	Sand	1.7	0.493	0.92	5,483,491	1.357	7,913,734	0.027
64	Sand	1.7	0.757	1.42	8,423,674	1.636	9,541,579	0.027

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
75	Sand	1.7	0.031	0.06	342,295	1.534	8,942,888	0.027
76	Sand	1.7	0.338	0.63	3,766,265	1.018	5,936,024	0.027
77	Sand	1.7	0.504	0.94	5,612,438	1.183	6,895,996	0.027
78	Sand	1.7	0.438	0.82	4,873,256	1.044	6,086,685	0.027
79	Sand	1.7	0.493	0.92	5,483,491	1.357	7,913,734	0.027
80	Sand	1.7	0.757	1.42	8,423,674	1.636	9,541,579	0.027

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
91	**Sand**	1.7	0.338	0.63	3,766,265	1.018	5,936,024	0.027
92	**Sand**	1.7	0.504	0.94	5,612,438	1.183	6,895,996	0.027
93	**Sand**	1.7	0.438	0.82	4,873,256	1.044	6,086,685	0.027
94	**Sand**	1.7	0.493	0.92	5,483,491	1.357	7,913,734	0.027
95	**Sand**	1.7	0.757	1.42	8,423,674	1.636	9,541,579	0.027

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
106	**Sand**	1.7	0.504	0.94	5,612,438	1.183	6,895,996	0.027
107	**Sand**	1.7	0.438	0.82	4,873,256	1.044	6,086,685	0.027
108	**Sand**	1.7	0.493	0.92	5,483,491	1.357	7,913,734	0.027
109	**Sand**	1.7	0.757	1.42	8,423,674	1.636	9,541,579	0.027

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
120	**Sand**	1.7	0.438	0.82	4,873,256	1.044	6,086,685	0.027
121	**Sand**	1.7	0.493	0.92	5,483,491	1.357	7,913,734	0.027
122	**Sand**	1.7	0.757	1.42	8,423,674	1.636	9,541,579	0.027

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
133	**Sand**	1.7	0.493	0.92	5,483,491	1.357	7,913,734	0.027
134	**Sand**	1.7	0.757	1.42	8,423,674	1.636	9,541,579	0.027

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
145	**Sand**	1.7	0.757	1.42	8,423,674	1.636	9,541,579	0.027

MODEL INPUTS

Cell Details

Cell Dimensions			
Depth	Width	Length	Volume
m	m	m	m^3
0.1	100	136.4	1363.6

Shore Length
km
50

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
1	Sand	1.7	0.000	0.00	-	0.000	-	0.027
2	Sand	1.7	0.000	0.00	-	0.000	-	0.027
3	Sand	1.7	0.000	0.00	-	0.000	-	0.027
4	Sand	1.7	0.079	0.15	3,413,244	0.257	5,841,455	0.027
5	Sand	1.7	0.074	0.14	3,199,667	0.504	11,442,786	0.027
6	Sand	1.7	0.089	0.17	3,865,827	0.706	16,030,959	0.027
7	Sand	1.7	0.096	0.18	4,154,799	0.761	17,283,718	0.027
8	Sand	1.7	0.122	0.23	5,308,110	1.262	28,669,123	0.027
9	Sand	1.7	0.154	0.29	6,663,352	1.696	38,523,038	0.027
10	Sand	1.7	0.143	0.27	6,180,631	1.968	44,701,932	0.027
11	Sand	1.7	0.143	0.27	6,220,849	1.648	37,428,267	0.027

Lithological Parameters

Parameter	Unit	Sand	Clay
Density	g/cm^3	1.7	2.1
Cells	number	91	119

Surface Water Levels

Starting surface water level: 1.737 m

Minimum surface water level: 0.9 m

Hydraulic Gradient

Hydraulic gradient / bank slope: 0.2

Hydraulic gradient: 0.000147 m / m

Moisture content

Volumetric moisture content - lower limit: 5% (vol)

Volumetric moisture content - upper limit (~100% saturated): 46% (vol)

Gravimetric moisture content - upper limit (~100% saturated): 24% (wt)

Distance above water table at which moisture content = upper limit: 0.3 m

Distance above water table at which moisture content = lower limit: 0.6 m

Depth over which moisture content varies (upper to lower limit): 0.3 m

Rate of change of volumetric moisture content between upper and lower limits: 1.3667 vol% / m

Relationship between volumetric and gravimetric moisture content

Algorithm: $y = Ax^4+Bx^3+Cx^2+Dx+E$

where y = gravimetric moisture content (wt% H_2O)
x = volumetric moisture content (vol% H_2O)

A	B	C	D	E
0	0	0	0.5109	0

Relationship between pyrite oxidation rate and gravimetric moisture content

Algorithm: $y = Ax^4+Bx^3+Cx^2+Dx+E$

where y = pyrite oxidation rate (wt% FeS_2 / unit time)
x = gravimetric moisture content (wt% H_2O)

A	B	C	D	E
0	-4.3488	0.6565	0.076	0.0008

MODEL INPUTS

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
21	Sand	1.7	0.000	0.00	-	0.000	-	0.027
22	Sand	1.7	0.000	0.00	-	0.000	-	0.027
23	Sand	1.7	0.079	0.15	3,413,244	0.257	5,841,455	0.027
24	Sand	1.7	0.074	0.14	3,199,667	0.504	11,442,786	0.027
25	Sand	1.7	0.089	0.17	3,865,827	0.706	16,030,959	0.027
26	Sand	1.7	0.096	0.18	4,154,799	0.761	17,283,718	0.027
27	Sand	1.7	0.122	0.23	5,308,110	1.262	28,669,123	0.027
28	Sand	1.7	0.154	0.29	6,663,352	1.696	38,523,038	0.027
29	Sand	1.7	0.143	0.27	6,180,631	1.968	44,701,932	0.027
30	Sand	1.7	0.143	0.27	6,220,848.58	1.648	37,428,267	0.027

MODEL INPUTS

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
40	Sand	1.7	0.000	0.00	-	0.000	-	0.027
41	Sand	1.7	0.079	0.15	3,413,244	0.257	5,841,455	0.027
42	Sand	1.7	0.074	0.14	3,199,667	0.504	11,442,786	0.027
43	Sand	1.7	0.089	0.17	3,865,827	0.706	16,030,959	0.027
44	Sand	1.7	0.096	0.18	4,154,799	0.761	17,283,718	0.027
45	Sand	1.7	0.122	0.23	5,308,110	1.262	28,669,123	0.027
46	Sand	1.7	0.154	0.29	6,663,352	1.696	38,523,038	0.027
47	Sand	1.7	0.143	0.27	6,180,631	1.968	44,701,932	0.027
48	Sand	1.7	0.143	0.27	6,220,848.58	1.648	37,428,267	0.027

MODEL INPUTS

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
58	Sand	1.7	0.079	0.15	3,413,244	0.257	5,841,455	0.027
59	Sand	1.7	0.074	0.14	3,199,667	0.504	11,442,786	0.027
60	Sand	1.7	0.089	0.17	3,865,827	0.706	16,030,959	0.027
61	Sand	1.7	0.096	0.18	4,154,799	0.761	17,283,718	0.027
62	Sand	1.7	0.122	0.23	5,308,110	1.262	28,669,123	0.027
63	Sand	1.7	0.154	0.29	6,663,352	1.696	38,523,038	0.027
64	Sand	1.7	0.143	0.27	6,180,631	1.968	44,701,932	0.027
65	Sand	1.7	0.143	0.27	6,220,849	1.648	37,428,267	0.027

MODEL INPUTS

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
75	Sand	1.7	0.074	0.14	3,199,667	0.504	11,442,786	0.027
76	Sand	1.7	0.089	0.17	3,865,827	0.706	16,030,959	0.027
77	Sand	1.7	0.096	0.18	4,154,799	0.761	17,283,718	0.027
78	Sand	1.7	0.122	0.23	5,308,110	1.262	28,669,123	0.027
79	Sand	1.7	0.154	0.29	6,663,352	1.696	38,523,038	0.027
80	Sand	1.7	0.143	0.27	6,180,631	1.968	44,701,932	0.027
81	Sand	1.7	0.143	0.27	6,220,849	1.648	37,428,267	0.027

MODEL INPUTS

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
91	Sand	1.7	0.089	0.17	3,865,827	0.706	16,030,959	0.027
92	Sand	1.7	0.096	0.18	4,154,799	0.761	17,283,718	0.027
93	Sand	1.7	0.122	0.23	5,308,110	1.262	28,669,123	0.027
94	Sand	1.7	0.154	0.29	6,663,352	1.696	38,523,038	0.027
95	Sand	1.7	0.143	0.27	6,180,631	1.968	44,701,932	0.027
96	Sand	1.7	0.143	0.27	6,220,849	1.648	37,428,267	0.027

MODEL INPUTS

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
106	Sand	1.7	0.096	0.18	4,154,799	0.761	17,283,718	0.027
107	Sand	1.7	0.122	0.23	5,308,110	1.262	28,669,123	0.027
108	Sand	1.7	0.154	0.29	6,663,352	1.696	38,523,038	0.027
109	Sand	1.7	0.143	0.27	6,180,631	1.968	44,701,932	0.027
110	Sand	1.7	0.143	0.27	6,220,849	1.648	37,428,267	0.027

MODEL INPUTS

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
120	Sand	1.7	0.122	0.23	5,308,110	1.262	28,669,123	0.027
121	Sand	1.7	0.154	0.29	6,663,352	1.696	38,523,038	0.027
122	Sand	1.7	0.143	0.27	6,180,631	1.968	44,701,932	0.027
123	Sand	1.7	0.143	0.27	6,220,849	1.648	37,428,267	0.027

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
133	**Sand**	1.7	0.154	0.29	6,663,352	1.696	38,523,038	0.027
134	**Sand**	1.7	0.143	0.27	6,180,631	1.968	44,701,932	0.027
135	**Sand**	1.7	0.143	0.27	6,220,849	1.648	37,428,267	0.027

MODEL INPUTS

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
145	Sand	1.7	0.143	0.27	6,180,631	1.968	44,701,932	0.027
146	Sand	1.7	0.143	0.27	6,220,849	1.648	37,428,267	0.027

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
156	**Sand**	1.7	0.143	0.27	6,220,849	1.648	37,428,267	0.027

Cell Details

Cell Dimensions			
Depth	Width	Length	Volume
m	m	m	m^3
0.1	100	75.0	750.0

Shore Length
km
120

1500

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
1	Sand	1.7	0.000	0.00	-	0.000	-	0.027
2	Sand	1.7	0.000	0.00	-	0.000	-	0.027
3	Sand	1.7	0.000	0.00	-	0.000	-	0.027
4	Sand	1.7	0.020	0.04	477,056	0.293	3,660,953	0.027
5	Sand	1.7	0.024	0.04	572,468	0.313	3,910,847	0.027
6	Sand	1.7	0.021	0.04	500,909	0.578	7,221,948	0.027
7	Sand	1.7	0.042	0.08	1,001,818	0.625	7,809,200	0.027
8	Sand	1.7	0.055	0.10	1,311,905	0.784	9,795,860	0.027
9	Sand	1.7	0.051	0.10	1,216,494	1.423	17,779,986	0.027
10	Sand	1.7	0.050	0.09	1,192,641	0.983	12,282,310	0.027
11	Sand	1.7	0.047	0.09	1,121,082	0.514	6,422,286	0.027
12	Sand	1.7	0.066	0.12	1,574,286	0.639	7,984,126	0.027
13	Sand	1.7	0.057	0.11	1,359,611	0.564	7,047,022	0.027
14	Sand	1.7	0.055	0.10	1,311,905	0.223	2,786,323	0.027
15	Sand	1.7	0.027	0.05	644,026	3.749	46,842,704	0.027
16	Sand	1.7	0.081	0.15	1,932,078	3.481	43,494,119	0.027
17	Sand	1.7	0.142	0.27	3,387,100	4.294	53,652,327	0.027
18	Sand	1.7	0.190	0.36	4,532,036	1.129	14,106,539	0.027
19	Sand	1.7	0.093	0.17	2,218,312	6.508	81,315,636	0.027
20	Sand	1.7	0.061	0.11	1,455,022	8.199	102,444,207	0.027

Lithological Parameters

Parameter	Unit	Sand	Clay
Density	g/cm^3	1.7	2.1
Cells	number	210	0

Surface Water Levels

Starting surface water level	1.224	m
Minimum surface water level	0	m

Hydraulic Gradient

Hydraulic gradient / bank slope	0.2	
Hydraulic gradient	0.000267	m / m

Moisture content

Volumetric moisture content - lower limit	2%	(vol)
Volumetric moisture content - upper limit (~100% saturated)	46%	(vol)
Gravimetric moisture content - upper limit (~100% saturated)	24%	(wt)
Distance above water table at which moisture content = upper limit	0.3	m
Distance above water table at which moisture content = lower limit	0.6	m
Depth over which moisture content varies (upper to lower limit)	0.3	m
Rate of change of volumetric moisture content between upper and lower limits	1.4667	vol% / m

Relationship between volumetric and gravimetric moisture content

Algorithm: $y = Ax^4+Bx^3+Cx^2+Dx+E$ where y = gravimetric moisture content (wt% H_2O)
x = volumetric moisture content (vol% H_2O)

A	B	C	D	E
0	0	0	0.5109	0

Relationship between pyrite oxidation rate and gravimetric moisture content

Algorithm: $y = Ax^4+Bx^3+Cx^2+Dx+E$ where y = pyrite oxidation rate (wt% FeS_2 / unit time)
x = gravimetric moisture content (wt% H_2O)

A	B	C	D	E
0	-4.3488	0.6565	0.076	0.0008

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
21	Sand	1.7	0.000	0.00	-	0.000	-	0.027
22	Sand	1.7	0.000	0.00	-	0.000	-	0.027
23	Sand	1.7	0.020	0.04	477,056	0.293	3,660,953	0.027
24	Sand	1.7	0.024	0.04	572,468	0.313	3,910,847	0.027
25	Sand	1.7	0.021	0.04	500,909	0.578	7,221,948	0.027
26	Sand	1.7	0.042	0.08	1,001,818	0.625	7,809,200	0.027
27	Sand	1.7	0.055	0.10	1,311,905	0.784	9,795,860	0.027
28	Sand	1.7	0.051	0.10	1,216,494	1.423	17,779,986	0.027
29	Sand	1.7	0.050	0.09	1,192,641	0.983	12,282,310	0.027
30	Sand	1.7	0.047	0.09	1,121,082.47	0.514	6,422,286	0.027
31	Sand	1.7	0.066	0.12	1,574,286.02	0.639	7,984,126	0.027
32	Sand	1.7	0.057	0.11	1,359,610.65	0.564	7,047,022	0.027
33	Sand	1.7	0.055	0.10	1,311,905.02	0.223	2,786,323	0.027
34	Sand	1.7	0.027	0.05	644,026.10	3.749	46,842,704	0.027
35	Sand	1.7	0.081	0.15	1,932,078.30	3.481	43,494,119	0.027
36	Sand	1.7	0.142	0.27	3,387,100.23	4.294	53,652,327	0.027
37	Sand	1.7	0.190	0.36	4,532,035.51	1.129	14,106,539	0.027
38	Sand	1.7	0.093	0.17	2,218,312.12	6.508	81,315,636	0.027
39	Sand	1.7	0.061	0.11	1,455,021.93	8.199	102,444,207	0.027

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
40	Sand	1.7	0.000	0.00	-	0.000	-	0.027
41	Sand	1.7	0.020	0.04	477,056	0.293	3,660,953	0.027
42	Sand	1.7	0.024	0.04	572,468	0.313	3,910,847	0.027
43	Sand	1.7	0.021	0.04	500,909	0.578	7,221,948	0.027
44	Sand	1.7	0.042	0.08	1,001,818	0.625	7,809,200	0.027
45	Sand	1.7	0.055	0.10	1,311,905	0.784	9,795,860	0.027
46	Sand	1.7	0.051	0.10	1,216,494	1.423	17,779,986	0.027
47	Sand	1.7	0.050	0.09	1,192,641	0.983	12,282,310	0.027
48	Sand	1.7	0.047	0.09	1,121,082.47	0.514	6,422,286	0.027
49	Sand	1.7	0.066	0.12	1,574,286.02	0.639	7,984,126	0.027
50	Sand	1.7	0.057	0.11	1,359,610.65	0.564	7,047,022	0.027
51	Sand	1.7	0.055	0.10	1,311,905.02	0.223	2,786,323	0.027
52	Sand	1.7	0.027	0.05	644,026.10	3.749	46,842,704	0.027
53	Sand	1.7	0.081	0.15	1,932,078.30	3.481	43,494,119	0.027
54	Sand	1.7	0.142	0.27	3,387,100.23	4.294	53,652,327	0.027
55	Sand	1.7	0.190	0.36	4,532,035.51	1.129	14,106,539	0.027
56	Sand	1.7	0.093	0.17	2,218,312.12	6.508	81,315,636	0.027
57	Sand	1.7	0.061	0.11	1,455,021.93	8.199	102,444,207	0.027

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
58	Sand	1.7	0.020	0.04	477,056	0.293	3,660,953	0.027
59	Sand	1.7	0.024	0.04	572,468	0.313	3,910,847	0.027
60	Sand	1.7	0.021	0.04	500,909	0.578	7,221,948	0.027
61	Sand	1.7	0.042	0.08	1,001,818	0.625	7,809,200	0.027
62	Sand	1.7	0.055	0.10	1,311,905	0.784	9,795,860	0.027
63	Sand	1.7	0.051	0.10	1,216,494	1.423	17,779,986	0.027
64	Sand	1.7	0.050	0.09	1,192,641	0.983	12,282,310	0.027
65	Sand	1.7	0.047	0.09	1,121,082	0.514	6,422,286	0.027
66	Sand	1.7	0.066	0.12	1,574,286	0.639	7,984,126	0.027
67	Sand	1.7	0.057	0.11	1,359,611	0.564	7,047,022	0.027
68	Sand	1.7	0.055	0.10	1,311,905	0.223	2,786,323	0.027
69	Sand	1.7	0.027	0.05	644,026	3.749	46,842,704	0.027
70	Sand	1.7	0.081	0.15	1,932,078	3.481	43,494,119	0.027
71	Sand	1.7	0.142	0.27	3,387,100	4.294	53,652,327	0.027
72	Sand	1.7	0.190	0.36	4,532,036	1.129	14,106,539	0.027
73	Sand	1.7	0.093	0.17	2,218,312	6.508	81,315,636	0.027
74	Sand	1.7	0.061	0.11	1,455,022	8.199	102,444,207	0.027

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
75	Sand	1.7	0.024	0.04	572,468	0.313	3,910,847	0.027
76	Sand	1.7	0.021	0.04	500,909	0.578	7,221,948	0.027
77	Sand	1.7	0.042	0.08	1,001,818	0.625	7,809,200	0.027
78	Sand	1.7	0.055	0.10	1,311,905	0.784	9,795,860	0.027
79	Sand	1.7	0.051	0.10	1,216,494	1.423	17,779,986	0.027
80	Sand	1.7	0.050	0.09	1,192,641	0.983	12,282,310	0.027
81	Sand	1.7	0.047	0.09	1,121,082	0.514	6,422,286	0.027
82	Sand	1.7	0.066	0.12	1,574,286	0.639	7,984,126	0.027
83	Sand	1.7	0.057	0.11	1,359,611	0.564	7,047,022	0.027
84	Sand	1.7	0.055	0.10	1,311,905	0.223	2,786,323	0.027
85	Sand	1.7	0.027	0.05	644,026	3.749	46,842,704	0.027
86	Sand	1.7	0.081	0.15	1,932,078	3.481	43,494,119	0.027
87	Sand	1.7	0.142	0.27	3,387,100	4.294	53,652,327	0.027
88	Sand	1.7	0.190	0.36	4,532,036	1.129	14,106,539	0.027
89	Sand	1.7	0.093	0.17	2,218,312	6.508	81,315,636	0.027
90	Sand	1.7	0.061	0.11	1,455,022	8.199	102,444,207	0.027

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
91	**Sand**	1.7	0.021	0.04	500,909	0.578	7,221,948	0.027
92	**Sand**	1.7	0.042	0.08	1,001,818	0.625	7,809,200	0.027
93	**Sand**	1.7	0.055	0.10	1,311,905	0.784	9,795,860	0.027
94	**Sand**	1.7	0.051	0.10	1,216,494	1.423	17,779,986	0.027
95	**Sand**	1.7	0.050	0.09	1,192,641	0.983	12,282,310	0.027
96	**Sand**	1.7	0.047	0.09	1,121,082	0.514	6,422,286	0.027
97	**Sand**	1.7	0.066	0.12	1,574,286	0.639	7,984,126	0.027
98	**Sand**	1.7	0.057	0.11	1,359,611	0.564	7,047,022	0.027
99	**Sand**	1.7	0.055	0.10	1,311,905	0.223	2,786,323	0.027
100	**Sand**	1.7	0.027	0.05	644,026	3.749	46,842,704	0.027
101	**Sand**	1.7	0.081	0.15	1,932,078	3.481	43,494,119	0.027
102	**Sand**	1.7	0.142	0.27	3,387,100	4.294	53,652,327	0.027
103	**Sand**	1.7	0.190	0.36	4,532,036	1.129	14,106,539	0.027
104	**Sand**	1.7	0.093	0.17	2,218,312	6.508	81,315,636	0.027
105	**Sand**	1.7	0.061	0.11	1,455,022	8.199	102,444,207	0.027

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
106	Sand	1.7	0.042	0.08	1,001,818	0.625	7,809,200	0.027
107	Sand	1.7	0.055	0.10	1,311,905	0.784	9,795,860	0.027
108	Sand	1.7	0.051	0.10	1,216,494	1.423	17,779,986	0.027
109	Sand	1.7	0.050	0.09	1,192,641	0.983	12,282,310	0.027
110	Sand	1.7	0.047	0.09	1,121,082	0.514	6,422,286	0.027
111	Sand	1.7	0.066	0.12	1,574,286	0.639	7,984,126	0.027
112	Sand	1.7	0.057	0.11	1,359,611	0.564	7,047,022	0.027
113	Sand	1.7	0.055	0.10	1,311,905	0.223	2,786,323	0.027
114	Sand	1.7	0.027	0.05	644,026	3.749	46,842,704	0.027
115	Sand	1.7	0.081	0.15	1,932,078	3.481	43,494,119	0.027
116	Sand	1.7	0.142	0.27	3,387,100	4.294	53,652,327	0.027
117	Sand	1.7	0.190	0.36	4,532,036	1.129	14,106,539	0.027
118	Sand	1.7	0.093	0.17	2,218,312	6.508	81,315,636	0.027
119	Sand	1.7	0.061	0.11	1,455,022	8.199	102,444,207	0.027

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
120	**Sand**	1.7	0.055	0.10	1,311,905	0.784	9,795,860	0.027
121	**Sand**	1.7	0.051	0.10	1,216,494	1.423	17,779,986	0.027
122	**Sand**	1.7	0.050	0.09	1,192,641	0.983	12,282,310	0.027
123	**Sand**	1.7	0.047	0.09	1,121,082	0.514	6,422,286	0.027
124	**Sand**	1.7	0.066	0.12	1,574,286	0.639	7,984,126	0.027
125	**Sand**	1.7	0.057	0.11	1,359,611	0.564	7,047,022	0.027
126	**Sand**	1.7	0.055	0.10	1,311,905	0.223	2,786,323	0.027
127	**Sand**	1.7	0.027	0.05	644,026	3.749	46,842,704	0.027
128	**Sand**	1.7	0.081	0.15	1,932,078	3.481	43,494,119	0.027
129	**Sand**	1.7	0.142	0.27	3,387,100	4.294	53,652,327	0.027
130	**Sand**	1.7	0.190	0.36	4,532,036	1.129	14,106,539	0.027
131	**Sand**	1.7	0.093	0.17	2,218,312	6.508	81,315,636	0.027
132	**Sand**	1.7	0.061	0.11	1,455,022	8.199	102,444,207	0.027

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
133	**Sand**	1.7	0.051	0.10	1,216,494	1.423	17,779,986	0.027
134	**Sand**	1.7	0.050	0.09	1,192,641	0.983	12,282,310	0.027
135	**Sand**	1.7	0.047	0.09	1,121,082	0.514	6,422,286	0.027
136	**Sand**	1.7	0.066	0.12	1,574,286	0.639	7,984,126	0.027
137	**Sand**	1.7	0.057	0.11	1,359,611	0.564	7,047,022	0.027
138	**Sand**	1.7	0.055	0.10	1,311,905	0.223	2,786,323	0.027
139	**Sand**	1.7	0.027	0.05	644,026	3.749	46,842,704	0.027
140	**Sand**	1.7	0.081	0.15	1,932,078	3.481	43,494,119	0.027
141	**Sand**	1.7	0.142	0.27	3,387,100	4.294	53,652,327	0.027
142	**Sand**	1.7	0.190	0.36	4,532,036	1.129	14,106,539	0.027
143	**Sand**	1.7	0.093	0.17	2,218,312	6.508	81,315,636	0.027
144	**Sand**	1.7	0.061	0.11	1,455,022	8.199	102,444,207	0.027

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
145	**Sand**	1.7	0.050	0.09	1,192,641	0.983	12,282,310	0.027
146	**Sand**	1.7	0.047	0.09	1,121,082	0.514	6,422,286	0.027
147	**Sand**	1.7	0.066	0.12	1,574,286	0.639	7,984,126	0.027
148	**Sand**	1.7	0.057	0.11	1,359,611	0.564	7,047,022	0.027
149	**Sand**	1.7	0.055	0.10	1,311,905	0.223	2,786,323	0.027
150	**Sand**	1.7	0.027	0.05	644,026	3.749	46,842,704	0.027
151	**Sand**	1.7	0.081	0.15	1,932,078	3.481	43,494,119	0.027
152	**Sand**	1.7	0.142	0.27	3,387,100	4.294	53,652,327	0.027
153	**Sand**	1.7	0.190	0.36	4,532,036	1.129	14,106,539	0.027
154	**Sand**	1.7	0.093	0.17	2,218,312	6.508	81,315,636	0.027
155	**Sand**	1.7	0.061	0.11	1,455,022	8.199	102,444,207	0.027

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
156	**Sand**	1.7	0.047	0.09	1,121,082	0.514	6,422,286	0.027
157	**Sand**	1.7	0.066	0.12	1,574,286	0.639	7,984,126	0.027
158	**Sand**	1.7	0.057	0.11	1,359,611	0.564	7,047,022	0.027
159	**Sand**	1.7	0.055	0.10	1,311,905	0.223	2,786,323	0.027
160	**Sand**	1.7	0.027	0.05	644,026	3.749	46,842,704	0.027
161	**Sand**	1.7	0.081	0.15	1,932,078	3.481	43,494,119	0.027
162	**Sand**	1.7	0.142	0.27	3,387,100	4.294	53,652,327	0.027
163	**Sand**	1.7	0.190	0.36	4,532,036	1.129	14,106,539	0.027
164	**Sand**	1.7	0.093	0.17	2,218,312	6.508	81,315,636	0.027
165	**Sand**	1.7	0.061	0.11	1,455,022	8.199	102,444,207	0.027

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
166	**Sand**	1.7	0.066	0.12	1,574,286	0.639	7,984,126	0.027
167	**Sand**	1.7	0.057	0.11	1,359,611	0.564	7,047,022	0.027
168	**Sand**	1.7	0.055	0.10	1,311,905	0.223	2,786,323	0.027
169	**Sand**	1.7	0.027	0.05	644,026	3.749	46,842,704	0.027
170	**Sand**	1.7	0.081	0.15	1,932,078	3.481	43,494,119	0.027
171	**Sand**	1.7	0.142	0.27	3,387,100	4.294	53,652,327	0.027
172	**Sand**	1.7	0.190	0.36	4,532,036	1.129	14,106,539	0.027
173	**Sand**	1.7	0.093	0.17	2,218,312	6.508	81,315,636	0.027
174	**Sand**	1.7	0.061	0.11	1,455,022	8.199	102,444,207	0.027

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
175	**Sand**	1.7	0.057	0.11	1,359,611	0.564	7,047,022	0.027
176	**Sand**	1.7	0.055	0.10	1,311,905	0.223	2,786,323	0.027
177	**Sand**	1.7	0.027	0.05	644,026	3.749	46,842,704	0.027
178	**Sand**	1.7	0.081	0.15	1,932,078	3.481	43,494,119	0.027
179	**Sand**	1.7	0.142	0.27	3,387,100	4.294	53,652,327	0.027
180	**Sand**	1.7	0.190	0.36	4,532,036	1.129	14,106,539	0.027
181	**Sand**	1.7	0.093	0.17	2,218,312	6.508	81,315,636	0.027
182	**Sand**	1.7	0.061	0.11	1,455,022	8.199	102,444,207	0.027

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
183	**Sand**	1.7	0.055	0.10	1,311,905	0.223	2,786,323	0.027
184	**Sand**	1.7	0.027	0.05	644,026	3.749	46,842,704	0.027
185	**Sand**	1.7	0.081	0.15	1,932,078	3.481	43,494,119	0.027
186	**Sand**	1.7	0.142	0.27	3,387,100	4.294	53,652,327	0.027
187	**Sand**	1.7	0.190	0.36	4,532,036	1.129	14,106,539	0.027
188	**Sand**	1.7	0.093	0.17	2,218,312	6.508	81,315,636	0.027
189	**Sand**	1.7	0.061	0.11	1,455,022	8.199	102,444,207	0.027

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
190	**Sand**	1.7	0.027	0.05	644,026	3.749	46,842,704	0.027
191	**Sand**	1.7	0.081	0.15	1,932,078	3.481	43,494,119	0.027
192	**Sand**	1.7	0.142	0.27	3,387,100	4.294	53,652,327	0.027
193	**Sand**	1.7	0.190	0.36	4,532,036	1.129	14,106,539	0.027
194	**Sand**	1.7	0.093	0.17	2,218,312	6.508	81,315,636	0.027
195	**Sand**	1.7	0.061	0.11	1,455,022	8.199	102,444,207	0.027

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
196	**Sand**	1.7	0.081	0.15	1,932,078	3.481	43,494,119	0.027
197	**Sand**	1.7	0.142	0.27	3,387,100	4.294	53,652,327	0.027
198	**Sand**	1.7	0.190	0.36	4,532,036	1.129	14,106,539	0.027
199	**Sand**	1.7	0.093	0.17	2,218,312	6.508	81,315,636	0.027
200	**Sand**	1.7	0.061	0.11	1,455,022	8.199	102,444,207	0.027

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
201	**Sand**	1.7	0.142	0.27	3,387,100	4.294	53,652,327	0.027
202	**Sand**	1.7	0.190	0.36	4,532,036	1.129	14,106,539	0.027
203	**Sand**	1.7	0.093	0.17	2,218,312	6.508	81,315,636	0.027
204	**Sand**	1.7	0.061	0.11	1,455,022	8.199	102,444,207	0.027

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
205	**Sand**	1.7	0.190	0.36	4,532,036	1.129	14,106,539	0.027
206	**Sand**	1.7	0.093	0.17	2,218,312	6.508	81,315,636	0.027
207	**Sand**	1.7	0.061	0.11	1,455,022	8.199	102,444,207	0.027

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
208	**Sand**	1.7	0.093	0.17	2,218,312	6.508	81,315,636	0.027
209	**Sand**	1.7	0.061	0.11	1,455,022	8.199	102,444,207	0.027

Cell	Lithology	Density	Sulfur content	Initial Pyrite Content	Initial Pyrite Content	Initial $CaCO_3$ content	Initial $CaCO_3$ content	Proportion of ANC consumption
		g/cm^3	wt%	wt%	g	wt%	g H_2SO_4 equiv.	wt%/day
210	**Sand**	1.7	0.061	0.11	1,455,022	8.199	102,444,207	0.027