

APPENDIX B - FLUX METER DATA

AreaAbbrev	SitePt	Filename	Northing	Easting	Date	CH <sub>4</sub> flux	H <sub>2</sub> S flux	CO <sub>2</sub> flux	ACCUMULATION CHAMBER	PRESSURE Hpa	TEMP DegC	TIME	CH <sub>4</sub> slope	H <sub>2</sub> S slope	CO <sub>2</sub> slope	AcK
Baird	Baird061813_01	Baird061813_01_18062013_085223.txt	1230582.751	2330846.512	6/18/2013	0	0	0.070126988	A	788.2	23.3	18-06-2013 08:52:23	0	-0.006	0.282000005	0.248677269
Baird	Baird061813_02	Baird061813_02_18062013_085537.txt	1230638.036	2330851.514	6/18/2013	0	0.001729544	0.063004807	A	786.3	24.5	18-06-2013 08:55:37	0	0.007	0.254999995	0.2470777674
Baird	Baird061813_03	Baird061813_03_18062013_085909.txt	1230685.487	2330845.886	6/18/2013	0	0.000738717	0.006155971	A	786.0	25.4	18-06-2013 08:59:09	0	0.003	0.025	0.246238858
Baird	Baird061813_04	Baird061813_04_18062013_090305.txt	1230733.605	2330842.513	6/18/2013	0	0.003434689	0.11751543	A	786.0	26.5	18-06-2013 09:03:05	0	0.014	0.479000002	0.245334923
Baird	Baird061813_05	Baird061813_05_18062013_090541.txt	1230781.849	2330845.619	6/18/2013	0	0.00171492	0.074231535	A	786.2	27.0	18-06-2013 09:05:41	0	0.007	0.303000003	0.244988561
Baird	Baird061813_06	Baird061813_06_18062013_090807.txt	1230782.874	2330802.486	6/18/2013	0	0.000488875	0.153506815	A	786.0	27.6	18-06-2013 09:08:07	0	0.002	0.628000021	0.244437605
Baird	Baird061813_07	Baird061813_07_18062013_091043.txt	1230785.676	2330743.493	6/18/2013	0	0.00170931	0	A	786.5	28.1	18-06-2013 09:10:43	0	0.007	-0.039000001	0.244187132
Baird	Baird061813_08	Baird061813_08_18062013_091318.txt	1230785.655	2330695.468	6/18/2013	0	0.004383843	0.138334602	A	786.0	28.7	18-06-2013 09:13:18	0	0.017999999	0.568000019	0.243546829
Baird	Baird061813_09	Baird061813_09_18062013_091546.txt	1230785.732	2330647.084	6/18/2013	0	0.001702009	0.054464273	A	786.0	29.2	18-06-2013 09:15:46	0	0.007	0.224000007	0.243144065
Baird	Baird061813_10	Baird061813_10_18062013_091809.txt	1230741.16	2330649.619	6/18/2013	0	0.0019413	0.050959129	A	786.0	29.8	18-06-2013 09:18:09	0	0.008	0.209999993	0.242662519
Baird	Baird061813_11	Baird061813_11_18062013_092126.txt	1230687.402	2330648.163	6/18/2013	0	0	0.029042808	A	786.0	30.6	18-06-2013 09:21:26	0	0	0.119999997	0.242023408
Baird	Baird061813_12	Baird061813_12_18062013_092410.txt	1230643.114	2330651.234	6/18/2013	0	0.00193149	0.075328097	A	785.9	31.3	18-06-2013 09:24:10	0	0.008	0.312000006	0.241436213
Baird	Baird061813_13	Baird061813_13_18062013_092803.txt	1230595.804	2330637.25	6/18/2013	0	0.000240834	0	A	786.0	32.1	18-06-2013 09:28:03	0	0.001	-0.99000001	0.240834102
Baird	Baird061813_14	Baird061813_14_18062013_093059.txt	1230579.811	2330688.092	6/18/2013	0	0.000480662	0.062966742	A	785.9	32.7	18-06-2013 09:30:59	0	0.002	0.261999995	0.240331069
Baird	Baird061813_15	Baird061813_15_18062013_093521.txt	1230582.26	2330744.706	6/18/2013	0	0	0.040541586	A	786.0	33.3	18-06-2013 09:35:21	0	-0.002	0.169	0.239891037
Baird	Baird061813_16	Baird061813_16_18062013_093751.txt	1230588.699	2330793.942	6/18/2013	0	0.003116326	0	A	786.2	33.6	18-06-2013 09:37:51	0	0.013	-0.034000002	0.239717409
Baird	Baird061813_17	Baird061813_17_18062013_094008.txt	1230635.06	2330792.535	6/18/2013	0	0.002872702	0.047878366	A	785.9	33.9	18-06-2013 09:40:08	0	0.012	0.200000003	0.239391819
Baird	Baird061813_18	Baird061813_18_18062013_094219.txt	1230679.011	2330794.509	6/18/2013	0	0.000717708	0.010047911	A	785.9	34.1	18-06-2013 09:42:19	0	0.003	0.041999999	0.239235982
Baird	Baird061813_19	Baird061813_19_18062013_094442.txt	1230728.402	2330795.105	6/18/2013	0	0.002151024	0.034177378	A	785.9	34.4	18-06-2013 09:44:42	0	0.009	0.143000007	0.23900263
Baird	Baird061813_20	Baird061813_20_18062013_094701.txt	1230731.811	2330745.654	6/18/2013	0	0.001194236	0.021496259	A	785.9	34.6	18-06-2013 09:47:01	0	0.005	0.090000004	0.2388473
Baird	Baird061813_21	Baird061813_21_18062013_095006.txt	1230737.091	2330700.116	6/18/2013	0	0.000238645	0	A	786.0	34.9	18-06-2013 09:50:06	0	0.001	-0.050000001	0.238645062
Baird	Baird061813_22	Baird061813_22_18062013_095250.txt	1230690.366	2330697.494	6/18/2013	0	0.000476765	0.027413994	A	785.9	35.2	18-06-2013 09:52:50	0	0.002	0.115000002	0.238382548
Baird	Baird061813_23	Baird061813_23_18062013_095521.txt	1230637.474	2330694.732	6/18/2013	0	0.000714593	0.044066578	A	785.8	35.4	18-06-2013 09:55:21	0	0.003	0.185000002	0.238197714
Baird	Baird061813_24	Baird061813_24_18062013_095804.txt	1230643.093	2330742.155	6/18/2013	0	0.000475993	0	A	785.9	35.7	18-06-2013 09:58:04	0	0.002	-0.028999999	0.237996623
Baird	Baird061813_25	Baird061813_25_18062013_100029.txt	1230684.473	2330741.009	6/18/2013	0	0.001902499	0.055410273	A	785.8	35.9	18-06-2013 10:00:29	0	0.008	0.232999995	0.23781234
BC	BC060413_01	BC060413_01_04062013_092704.txt	1209749.358	2304575.207	6/4/2013	0	0	0.076178946	A	797.9	22.7	04-06-2013 09:27:04	0	-0.001	0.301999986	0.252248168
BC	BC060413_02	BC060413_02_04062013_093245.txt	1209753.372	2304364.366	6/4/2013	0	0.000250554	0.014031044	A	797.9	24.7	04-06-2013 09:32:45	0	0.001	0.056000002	0.250554353
BC	BC060413_03	BC060413_03_04062013_094011.txt	1209764.557	2304176.315	6/4/2013	0	0.000248707	0.007958636	A	798.4	27.1	04-06-2013 09:40:11	0	0.001	0.032000002	0.248707354
BC	BC060413_04	BC060413_04_04062013_094457.txt	1209763.179	2303961.555	6/4/2013	0	0	0	A	798.4	28.7	04-06-2013 09:44:57	0	-0.001	-0.022	0.247389048
BC	BC060413_05	BC060413_05_04062013_095425.txt	1209945.294	2303946.689	6/4/2013	0	0	0.045670688	A	799.0	31.2	04-06-2013 09:54:25	0	0	0.186000004	0.245541319
BC	BC060413_06	BC060413_06_04062013_095826.txt	1209955.139	2303834.335	6/4/2013	0	0.000244577	0.147724494	A	799.0	32.4	04-06-2013 09:58:26	0	0.001	0.603999972	0.244576991
BC	BC060413_07	BC060413_07_04062013_100327.txt	1209968.986	2303543.751	6/4/2013	0	0.00024362	0.001705342	A	799.0	33.6	04-06-2013 10:03:27	0	0.001	0.007	0.243620217
BC	BC060413_08	BC060413_08_04062013_100727.txt	1209980.103	2303353.318	6/4/2013	0	0.000242829	0.000728486	A	799.0	34.6	04-06-2013 10:07:27	0	0.001	0.003	0.242828593
BC	BC060413_09	BC060413_09_04062013_101815.txt	1209732.948	2303141.87	6/4/2013	0.512443721	0.000482073	2.379271984	A	798.0	36.5	04-06-2013 10:18:15	2.125999928	0.002	9.87100029	0.241036564
BC	BC060413_10	BC060413_10_04062013_102553.txt	1209746.283	2303008.358	6/4/2013	0	0.00072055	0.199592352	A	798.0	37.6	04-06-2013 10:25:53	0	0.003	0.83099997	0.240183339
BC	BC060413_100	BC060413_100_06062013_171026.txt	1209539.209	2302770.488	6/6/2013	0	0.001391607	0.245850548	A	788.2	44.7	06-06-2013 17:10:26	0	0.006	1.059999943	0.231934488
BC	BC060413_101	BC060413_101_06062013_171352.txt	1209519.221	2302793.732	6/6/2013	341.3019409	0.003480554	16.04349709	A	788.3	44.6	06-06-2013 17:13:52	1470.89502	0.015	69.14199829	0.232036918
BC	BC060413_102	BC060413_102_06062013_172134.txt	1209549.449	2303002.017	6/6/2013	0	0.00162467	0.498309642	A	788.5	44.6	06-06-2013 17:21:34	0	0.007	2.147000074	0.232095778
BC	BC060413_103	BC060413_103_06062013_172728.txt	1209556.808	2303132.722	6/6/2013	12.2404089	0.00163044	0.435793251	A	791.3	44.6	06-06-2013 17:27:28	52.55199814	0.007	1.871000051	0.232919961
BC	BC060413_104	BC060413_104_07062013_090855.txt	1209818.277	2302634.125	6/7/2013	0	0	0.516814411	A	799.9	23.9	07-06-2013 09:08:55	0	-0.001	2.052000046	0.25185886
BC	BC060413_105	BC060413_105_07062013_091504.txt	1209730.703	2302824.171	6/7/2013	0	0	0.181384057	A	799.9	26.3	07-06-2013 09:15:04	0	-0.001	0.726000011	0.249840304
BC	BC060413_106	BC060413_106_07062013_093530.txt	1209506.886	2301963.761	6/7/2013	16.35506439	0.000489409	4.210873604	A	796.8	31.4	07-06-2013 09:35:30	66.83599854	0.002	17.20800018	0.244704425
BC	BC060413_107	BC060413_107_07062013_094613.txt	1209515.203	2301754.512	6/7/2013	0	0.000723216	0.151634216	A	790.9	33.7	07-06-2013 09:46:13	0	0.003	0.629000008	0.24107188
BC	BC060413_108	BC060413_108_07062013_095412.txt	1209596.61	2301751.193	6/7/2013	0	0.000961053	0.054539733	A	792.1	35.2	07-06-2013 09:54:12	0	0.004	0.226999998	0.240263149
BC	BC060413_109	BC060413_109_07062013_100044.txt	1209664.445	2301955.043	6/7/2013	0	0.00048019	0.034813806	A	793.6	36.0	07-06-2013 10:00:44	0	0.002	0.144999996	0.240095228
BC	BC060413_11	BC060413_11_04062013_103104.txt	1209978.401	2303013.921	6/4/2013	0	0.000239493	0	A	797.5	38.3	04-06-2013 10:31:04	0	0.001	-0.138999999	0.239493355
BC	BC060413_110	BC060413_110_07062013_100709.txt	1209654.444	2302152.529	6/7/2013	0	0.000239677	0.003355483	A	793.5	36.5	07-06-2013 10:07:09	0	0.001	0.014	0.239677325
BC	BC060413_111	BC060413_111_07062013_103948.txt	1209322.704	2301752.058	6/7/2013	4.331353188	0.000236777	1.288774729	A	788.2	38.2	07-06-2013 10:39:48	18.29299927	0.001	5.44299984	0.236776546
BC	BC060413_112	BC060413_112_07062013_104932.txt	1209143.003	2301774.376	6/7/2013	0	0.000235347	0.050128948	A	784.7	38.7	07-06-2013 10:49:32	0	0.001	0.213	0.235347182
BC	BC060413_113	BC060413_113_07062013_105331.txt	1208954.425	2301778.129	6/7/2013	0	0	0.128846303	A	784.7	39.0	07-06-2013 10:53:31	0	0	0.547999978	0.235120997
BC	BC060413_114	BC060413_114_07062013_110041.txt	1208948.207	2301562.801	6/7/2013	0	0	0.047026943	A	785.5	39.3	07-06-2013 11:00:41	-0.977999985	0	0.200000003	0.235134721
BC	BC060413_115	BC060413_115_07062013_110805.txt	1208896.012	2301354.2	6/7/2013	0	0.0004681									

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AreaAbbrev	SitePt	Filename	Northing	Easting	Date	CH <sub>4</sub> flux	H <sub>2</sub> S flux	CO <sub>2</sub> flux	ACCUMULATION CHAMBER	PRESSURE Hpa	TEMP DegC	TIME	CH <sub>4</sub> slope	H <sub>2</sub> S slope	CO <sub>2</sub> slope	AcK
BC	BC060413_120	BC060413_120_07062013_114610.txt	1209148.135	2300765.468	6/7/2013	0	0.000466599	0	A	788.1	42.8	07-06-2013 11:46:10	0	0.002	-0.029999999	0.233299643
BC	BC060413_121	BC060413_121_07062013_115300.txt	1208971.647	2300794.489	6/7/2013	1.425204158	0.000464766	0.379248857	A	785.5	43.0	07-06-2013 11:53:00	6.132999897	0.002	1.631999969	0.232382879
BC	BC060413_122	BC060413_122_07062013_120520.txt	1208925.909	2300550.515	6/7/2013	0	0.000699677	0.331413895	A	788.1	42.9	07-06-2013 12:05:20	0	0.003	1.421000004	0.233225822
BC	BC060413_123	BC060413_123_07062013_121527.txt	1208756.127	2300556.881	6/7/2013	0		0.02149055	A	781.1	43.0	07-06-2013 12:15:27	0		0.093000002	0.231081173
BC	BC060413_124	BC060413_124_07062013_122349.txt	1208744.138	2300367.432	6/7/2013	0	0.000692805	0.072975487	A	781.1	43.2	07-06-2013 12:23:49	0	0.003	0.316000015	0.230935082
BC	BC060413_125	BC060413_125_07062013_123445.txt	1208684.322	2300155.126	6/7/2013	0	0.000918257	0.114552602	A	777.2	43.5	07-06-2013 12:34:45	0	0.004	0.499000013	0.229564324
BC	BC060413_126	BC060413_126_07062013_124523.txt	1208713.327	2299971.205	6/7/2013	0	0.00183802	0.134405181	A	777.1	43.2	07-06-2013 12:45:23	0	0.008	0.584999979	0.229752466
BC	BC060413_127	BC060413_127_07062013_125832.txt	1208930.181	2300156.169	6/7/2013	0	0.004158583	0.354634702	A	779.7	42.5	07-06-2013 12:58:32	0	0.017999999	1.534999967	0.231032386
BC	BC060413_128	BC060413_128_07062013_131024.txt	1208973.047	2300357.561	6/7/2013	0	0.000463369	0.254389346	A	781.9	42.5	07-06-2013 13:10:24	0	0.002	1.09800005	0.231684268
BC	BC060413_129	BC060413_129_07062013_131938.txt	1209077.127	2300573.617	6/7/2013	0	0.001160276	0.361077905	A	783.4	42.6	07-06-2013 13:19:38	0	0.005	1.555999994	0.232055202
BC	BC060413_13	BC060413_13_04062013_103926.txt	1209735.243	2303331.91	6/4/2013	0	0.00119573	0.02295801	A	798.9	39.3	04-06-2013 10:39:26	0	0.005	0.096000001	0.239145935
BC	BC060413_130	BC060413_130_07062013_134129.txt	1209082.143	2301335.364	6/7/2013	0	0.001388281	0.096948266	A	783.1	43.4	07-06-2013 13:41:29	0	0.006	0.419	0.231380105
BC	BC060413_131	BC060413_131_07062013_134514.txt	1209133.587	2301380.525	6/7/2013	0	0.00209147	0.729226053	A	787.0	43.6	07-06-2013 13:45:14	-0.515999973	0.009	3.138000011	0.232385606
BC	BC060413_132	BC060413_132_07062013_135705.txt	1209174.521	2301547.665	6/7/2013	0	0.002542637	0.422540009	A	783.8	44.0	07-06-2013 13:57:05	0	0.011	1.827999949	0.231148809
BC	BC060413_133	BC060413_133_07062013_140542.txt	1209352.598	2301565.292	6/7/2013	0	0.001618042	0.176828831	A	783.8	44.0	07-06-2013 14:05:42	0	0.007	0.764999986	0.231148809
BC	BC060413_134	BC060413_134_07062013_141245.txt	1209511.609	2301582.751	6/7/2013	0	0.00092984	0.440743893	A	787.5	43.7	07-06-2013 14:12:45	-0.030999999	0.004	1.896000028	0.232459858
BC	BC060413_135	BC060413_135_10062013_090921.txt	1211176.447	2304962.04	6/10/2013	0	0	0.017913701	A	799.5	27.4	10-06-2013 09:09:21	0	-0.003	0.071999997	0.24880141
BC	BC060413_136	BC060413_136_10062013_091504.txt	1211169.695	2304757.542	6/10/2013	0	0	0	A	799.5	28.1	10-06-2013 09:15:04	0	-0.001	-8.751999855	0.24822329
BC	BC060413_137	BC060413_137_10062013_092212.txt	1211132.268	2304587.644	6/10/2013	0	0	0.821171999	A	791.2	29.1	10-06-2013 09:22:12	0	-0.001	3.354000092	0.244833633
BC	BC060413_138	BC060413_138_10062013_092823.txt	1211152.555	2304357.957	6/10/2013	0	0	0.062488124	A	794.0	29.9	10-06-2013 09:28:23	0	-0.001	0.254999995	0.245051473
BC	BC060413_139	BC060413_139_10062013_093233.txt	1211149.172	2304183.843	6/10/2013	0	0.000245603	0	A	797.1	30.4	10-06-2013 09:32:33	0	0.001	-0.412999988	0.24560301
BC	BC060413_14	BC060413_14_04062013_104708.txt	1209756.196	2303531.711	6/4/2013	0	0	0.013600083	A	798.6	39.9	04-06-2013 10:47:08	0	-0.001	0.057	0.238597944
BC	BC060413_140	BC060413_140_10062013_095437.txt	1211186.664	2303998.796	6/10/2013	0	0	0.014327926	A	797.5	34.0	10-06-2013 09:54:37	0	0	0.059	0.242846191
BC	BC060413_141	BC060413_141_10062013_100519.txt	1211170.353	2303809.49	6/10/2013	0	0.000240951	0	A	797.2	36.3	10-06-2013 10:05:19	0	0.001	-0.158999994	0.24095054
BC	BC060413_142	BC060413_142_10062013_102544.txt	1211375.617	2303750.937	6/10/2013	0	0.002845992	0.479075283	A	793.3	39.7	10-06-2013 10:25:44	0	0.012	2.019999981	0.237165987
BC	BC060413_143	BC060413_143_10062013_103513.txt	1211364.104	2303914.043	6/10/2013	0	0.001416844	0.009209485	A	792.9	40.9	10-06-2013 10:35:13	0	0.006	0.039000001	0.236140639
BC	BC060413_144	BC060413_144_10062013_104555.txt	1211372.712	2304179.44	6/10/2013	0	0.000945853	0.023882784	A	795.5	41.5	10-06-2013 10:45:55	0	0.004	0.101000004	0.236463204
BC	BC060413_145	BC060413_145_10062013_105130.txt	1211349.614	2304394.88	6/10/2013	0	0.000944777	0.049364582	A	795.1	41.7	10-06-2013 10:51:30	0	0.004	0.209000006	0.236194164
BC	BC060413_146	BC060413_146_10062013_105903.txt	1211322.736	2304588.035	6/10/2013	0	0.001653042	0.14098087	A	795.2	41.8	10-06-2013 10:59:03	0	0.007	0.597000003	0.236148864
BC	BC060413_147	BC060413_147_10062013_110627.txt	1211337.684	2304779.186	6/10/2013	0	0.000941507	0.015299488	A	792.6	41.8	10-06-2013 11:06:27	0	0.004	0.064999998	0.235376745
BC	BC060413_148	BC060413_148_10062013_111343.txt	1211344.785	2304972.652	6/10/2013	0	0.001407984	0.063124619	A	790.2	41.8	10-06-2013 11:13:43	0	0.006	0.268999994	0.234664023
BC	BC060413_149	BC060413_149_10062013_111721.txt	1211530.391	2304972.649	6/10/2013	0	0.00046906	0	A	790.0	41.9	10-06-2013 11:17:21	0	0.002	-0.425999999	0.234530166
BC	BC060413_15	BC060413_15_04062013_105256.txt	1209740.123	2303739.77	6/4/2013	0	0	0	A	798.2	40.2	04-06-2013 10:52:56	0	0	-0.388000011	0.238250121
BC	BC060413_150	BC060413_150_10062013_112229.txt	1211550.192	2304735.692	6/10/2013	0	0.001171612	0.042646669	A	789.3	41.9	10-06-2013 11:22:29	0	0.005	0.181999996	0.234322354
BC	BC060413_151	BC060413_151_10062013_112841.txt	1211554.138	2304552.504	6/10/2013	0	0.00116983	0.086801395	A	788.6	42.1	10-06-2013 11:28:41	0	0.005	0.370999992	0.233966023
BC	BC060413_152	BC060413_152_10062013_113457.txt	1211564.84	2304361.268	6/10/2013	0	0.00586582	0.190991089	A	791.6	42.4	10-06-2013 11:34:57	0	0.025	0.81400001	0.23463279
BC	BC060413_153	BC060413_153_10062013_114042.txt	1211550.384	2304169.178	6/10/2013	0	0.001175383	0.034086108	A	793.6	42.6	10-06-2013 11:40:42	0	0.005	0.144999996	0.235076606
BC	BC060413_154	BC060413_154_10062013_114915.txt	1211735.837	2304143.33	6/10/2013	0	0.001875157	0	A	792.3	43.0	10-06-2013 11:49:15	0	0.008	-0.202999994	0.234394595
BC	BC060413_155	BC060413_155_10062013_120115.txt	1211969.909	2304538.158	6/10/2013	0	0.002098646	0.179550797	A	789.7	43.6	10-06-2013 12:01:15	0	0.009	0.769999981	0.233182862
BC	BC060413_156	BC060413_156_10062013_120719.txt	1211747.428	2304555.224	6/10/2013	0	0.001624028	0.038976677	A	786.7	44.0	10-06-2013 12:07:19	0	0.007	0.167999998	0.232004032
BC	BC060413_157	BC060413_157_10062013_121308.txt	1211725.405	2304359.272	6/10/2013	0	0.002093222	0.058610234	A	789.4	44.3	10-06-2013 12:13:08	0	0.009	0.252000004	0.232580289
BC	BC060413_158	BC060413_158_10062013_122353.txt	1211959.455	2304391.283	6/10/2013	0	0.00209245	0.124384515	A	790.6	44.9	10-06-2013 12:23:53	0	0.009	0.535000026	0.232494414
BC	BC060413_159	BC060413_159_10062013_123454.txt	1211973.251	2304147.252	6/10/2013	0	0.002312332	0.072838448	A	787.3	45.3	10-06-2013 12:34:54	0	0.01	0.314999998	0.231233165
BC	BC060413_16	BC060413_16_04062013_110138.txt	1209948.999	2304154.184	6/4/2013	0	0.00095185	0	A	798.0	40.5	04-06-2013 11:01:38	0	0.004	-0.203999996	0.237962604
BC	BC060413_160	BC060413_160_10062013_124000.txt	1212148.032	2304154.2	6/10/2013	0	0.001156614	0.042332079	A	788.1	45.5	10-06-2013 12:40:00	0	0.005	0.182999998	0.23132284
BC	BC060413_161	BC060413_161_10062013_124659.txt	1212130.722	2304338.258	6/10/2013	0	0.001154266	4.940489292	A	786.5	45.5	10-06-2013 12:46:59	0	0.005	21.40099907	0.230853215
BC	BC060413_162	BC060413_162_10062013_125736.txt	1212148.787	2304561.357	6/10/2013	0	0.001153385	0	A	785.9	45.5	10-06-2013 12:57:36	0	0.005	-0.210999995	0.230677098
BC	BC060413_163	BC060413_163_10062013_130427.txt	1212179.788	2304779.658	6/10/2013	0.821708202	0.000690318	0	A	784.2	45.6	10-06-2013 13:04:27	3.571000099	0.003	-0.578000009	0.230105907
BC	BC060413_164	BC060413_164_10062013_131114.txt	1211909.249	2304743.852	6/10/2013	0	0.002533747	0.517345071	A	785.0	45.6	10-06-2013 13:11:14	0	0.011	2.246000051	0.230340645
BC	BC060413_165	BC060413_165_10062013_131857.txt	1211775.164	2304769.432	6/10/2013	0	0.002768337	0.030682398	A	786.7	45.8	10-06-2013 13:18:57	0	0.012	0.133000001	0.230694726
BC	BC060413_166	BC060413_166_10062013_132523.txt	1211764.147	2304989.929	6/10/2013	0	0.001844979	0.09340208	A	786.7	45.9	10-06-2013 13:25:23	0	0.008	0.405000001	0.230622411
BC	BC060413_167	BC060413_167_10062013_133154.txt	1211946.88	2304986.134	6/10/2013	0.590173542	0.001613756	0.037577454	A	786.						

APPENDIX B - FLUX METER DATA

AreaAbbrev	SitePt	Filename	Northing	Easting	Date	CH <sub>4</sub> flux	H <sub>2</sub> S flux	CO <sub>2</sub> flux	ACCUMULATION CHAMBER	PRESSURE Hpa	TEMP DegC	TIME	CH <sub>4</sub> slope	H <sub>2</sub> S slope	CO <sub>2</sub> slope	AcK
BC	BC060413_172	BC060413_172_10062013_135455.txt	1212011.414	2304948.88	6/10/2013	0	0.001144652	0.078752093	A	784.6	47.4	10-06-2013 13:54:55	-0.463999987	0.005	0.344000012	0.228930488
BC	BC060413_173	BC060413_173_10062013_135903.txt	1212133.994	2304961.537	6/10/2013	0	0.002059877	0	A	784.9	47.6	10-06-2013 13:59:03	0	0.009	-8.973999977	0.22887522
BC	BC060413_174	BC060413_174_10062013_140405.txt	1212119.87	2305141.201	6/10/2013	0	0.001142999	0.003886197	A	784.2	47.7	10-06-2013 14:04:05	0	0.005	0.017000001	0.228599831
BC	BC060413_175	BC060413_175_10062013_140905.txt	1211936.676	2305127.425	6/10/2013	0	0.002060284	0.103014216	A	785.3	47.7	10-06-2013 14:09:05	0	0.009	0.449999988	0.22892049
BC	BC060413_176	BC060413_176_10062013_141533.txt	1211744.541	2305106.924	6/10/2013	0	0.001146206	0.052266981	A	786.4	47.7	10-06-2013 14:15:33	0	0.005	0.228	0.229241148
BC	BC060413_177	BC060413_177_10062013_142453.txt	1212141.749	2305572.968	6/10/2013	0	0.002295883	0.060840901	A	787.1	47.5	10-06-2013 14:24:53	0	0.01	0.264999986	0.229588315
BC	BC060413_178	BC060413_178_10062013_143104.txt	1212346.569	2305561.43	6/10/2013	0	0.001839973	0	A	788.5	47.5	10-06-2013 14:31:04	0	0.008	-0.425999999	0.229996681
BC	BC060413_179	BC060413_179_10062013_143750.txt	1212339.61	2305356.226	6/10/2013	0	0.004359406	0.087647021	A	786.6	47.5	10-06-2013 14:37:50	0	0.018999999	0.381999999	0.229442462
BC	BC060413_18	BC060413_18_04062013_111010.txt	1209946.713	2304578.107	6/4/2013	0	0.000951125	0.066340946	A	797.9	40.7	04-06-2013 11:10:10	0	0.004	0.279000014	0.237781167
BC	BC060413_180	BC060413_180_10062013_145145.txt	1212304.936	2305137.625	6/10/2013	0	0.001607118	0	A	787.1	47.5	10-06-2013 14:51:45	0	0.007	-0.006	0.229588315
BC	BC060413_181	BC060413_181_10062013_145838.txt	1212349.774	2304955.646	6/10/2013	0	0.002972598	0.060366597	A	784.9	47.9	10-06-2013 14:58:38	0	0.013	0.263999999	0.228661358
BC	BC060413_182	BC060413_182_10062013_150502.txt	1212342.372	2304768.707	6/10/2013	0	0.002052102	0.231659487	A	783.4	48.2	10-06-2013 15:05:02	0	0.009	1.016000032	0.228011295
BC	BC060413_183	BC060413_183_10062013_150943.txt	1212317.097	2304560.885	6/10/2013	0	0.002047571	0.699586689	A	782.4	48.5	10-06-2013 15:09:43	0	0.009	3.075000048	0.227507859
BC	BC060413_184	BC060413_184_10062013_151429.txt	1212348.214	2304374.92	6/10/2013	0	0.001818102	0	A	781.8	48.6	10-06-2013 15:14:29	0	0.008	-0.204999998	0.227262735
BC	BC060413_185	BC060413_185_10062013_152129.txt	1212325.127	2304126.955	6/10/2013	0	0.002734979	0.026438132	A	783.8	48.5	10-06-2013 15:21:29	0	0.012	0.115999997	0.227914944
BC	BC060413_186	BC060413_186_10062013_152843.txt	1212546.367	2304183.618	6/10/2013	0	0.002051725	0.192406222	A	783.5	48.3	10-06-2013 15:28:43	0	0.009	0.843999982	0.227969468
BC	BC060413_187	BC060413_187_10062013_153433.txt	1212528.459	2304372.929	6/10/2013	0	0.000683761	0.402963102	A	782.6	48.0	10-06-2013 15:34:33	0	0.003	1.768000007	0.227920309
BC	BC060413_188	BC060413_188_10062013_154121.txt	1212578.135	2304562.392	6/10/2013	0.717286348	0.001822837	0.898658633	A	781.4	47.6	10-06-2013 15:41:21	3.148000002	0.008	3.944000006	0.227854624
BC	BC060413_189	BC060413_189_11062013_083259.txt	1212546.026	2304747.32	6/11/2013	0	0.00073098	0.278747201	A	783.5	27.6	11-06-2013 08:32:59	0	0.003	1.144000053	0.243660137
BC	BC060413_19	BC060413_19_04062013_111856.txt	1210149.576	2304807.454	6/4/2013	0	0.0004752	0	A	797.8	40.9	04-06-2013 11:18:56	0	0.002	-0.409000009	0.237599954
BC	BC060413_190	BC060413_190_11062013_083909.txt	1212535.396	2304970.066	6/11/2013	0	0.000971485	0.047845613	A	783.3	28.5	11-06-2013 08:39:09	0	0.004	0.196999997	0.242871135
BC	BC060413_191	BC060413_191_11062013_085037.txt	1212526.102	2305170.475	6/11/2013	0	0.001212941	0.056280468	A	785.5	29.7	11-06-2013 08:50:37	0	0.005	0.231999993	0.242588222
BC	BC060413_192	BC060413_192_11062013_085408.txt	1212596.176	2305120.823	6/11/2013	5.586918354	0.007525614	9.488342285	A	787.1	30.1	11-06-2013 08:54:08	23.01399994	0.030999999	39.08499908	0.242761731
BC	BC060413_193	BC060413_193_11062013_085908.txt	1212525.311	2305352.013	6/11/2013	0	0.000968144	0.046470933	A	786.3	30.7	11-06-2013 08:59:08	0	0.004	0.192000002	0.242036104
BC	BC060413_194	BC060413_194_11062013_090335.txt	1212523.49	2305557.356	6/11/2013	0	0.000969331	0.028837593	A	788.3	31.1	11-06-2013 09:03:35	0	0.004	0.119000003	0.242332712
BC	BC060413_195	BC060413_195_11062013_091510.txt	1212792.759	2305741.125	6/11/2013	0	0.003862661	0.203031093	A	787.9	32.1	11-06-2013 09:15:10	0	0.016000001	0.841000021	0.241416276
BC	BC060413_196	BC060413_196_11062013_093101.txt	1212787.454	2305498.639	6/11/2013	0	0.000964583	0.460347146	A	791.4	33.8	11-06-2013 09:31:01	0	0.004	1.909000039	0.2411457
BC	BC060413_197	BC060413_197_11062013_093444.txt	1212807.578	2305505.534	6/11/2013	10.28163624	0.002882836	3.703243732	A	789.7	34.3	11-06-2013 09:34:44	42.79800034	0.012	15.41499996	0.240236372
BC	BC060413_198	BC060413_198_11062013_093955.txt	1212789.251	2305601.55	6/11/2013	0	0.002396129	0.207265139	A	789.7	35.1	11-06-2013 09:39:55	-0.356000006	0.01	0.86500001	0.239612877
BC	BC060413_199	BC060413_199_11062013_094937.txt	1212793.103	2305955.341	6/11/2013	0	0.00143448	0.019604562	A	790.5	36.1	11-06-2013 09:49:37	-0.033	0.006	0.082000002	0.239080012
BC	BC060413_20	BC060413_20_04062013_112521.txt	1210192.078	2304566.1	6/4/2013	0	0.001421573	0.011135656	A	795.8	41.0	04-06-2013 11:25:21	0	0.006	0.046999998	0.236928865
BC	BC060413_200	BC060413_200_11062013_095913.txt	1212551.263	2305777.952	6/11/2013	0	0.001672221	1.029610395	A	791.4	36.7	11-06-2013 09:59:13	-0.017999999	0.007	4.309999943	0.238888726
BC	BC060413_201	BC060413_201_11062013_100955.txt	1212788.391	2305330.328	6/11/2013	12.31000805	0.003800998	1.290676475	A	789.8	37.8	11-06-2013 10:09:55	51.81800079	0.016000001	5.433000088	0.237562388
BC	BC060413_202	BC060413_202_11062013_101352.txt	1212772.803	2305390.501	6/11/2013	44.10612106	0.003779749	0.999034762	A	786.9	38.4	11-06-2013 10:13:52	186.7050018	0.016000001	4.229000092	0.236234277
BC	BC060413_203	BC060413_203_11062013_102021.txt	1212736.522	2305165.476	6/11/2013	0	0.001650025	1.503408313	A	787.7	39.4	11-06-2013 10:20:21	0	0.007	6.377999783	0.235717833
BC	BC060413_204	BC060413_204_11062013_102739.txt	1212718.84	2304976.283	6/11/2013	0	0.002109328	0.095388524	A	785.2	40.2	11-06-2013 10:27:39	0	0.009	0.407000005	0.234369829
BC	BC060413_205	BC060413_205_11062013_103216.txt	1212750.318	2304786.596	6/11/2013	0	0.004903912	0.182845861	A	783.6	40.7	11-06-2013 10:32:16	0	0.021	0.782999992	0.233519629
BC	BC060413_206	BC060413_206_11062013_103726.txt	1212742.588	2304555.102	6/11/2013	0	0.001397013	0.112459533	A	782.3	41.1	11-06-2013 10:37:26	0	0.006	0.483000001	0.232835472
BC	BC060413_207	BC060413_207_11062013_104212.txt	1212728.47	2304360.725	6/11/2013	0	0.002787079	1.540093422	A	781.1	41.4	11-06-2013 10:42:12	0	0.012	6.631000042	0.232256591
BC	BC060413_208	BC060413_208_11062013_104706.txt	1212741.95	2304181.95	6/11/2013	0	0.00139408	0	A	781.9	41.6	11-06-2013 10:47:06	0	0.006	-0.252999991	0.232346743
BC	BC060413_209	BC060413_209_11062013_105202.txt	1212730.847	2303967.085	6/11/2013	0	0.002556636	0.019523403	A	782.4	41.7	11-06-2013 10:52:02	0	0.011	0.083999999	0.232421473
BC	BC060413_21	BC060413_21_04062013_113140.txt	1210167.4	2304351.878	6/4/2013	0	0	0.004740641	A	796.4	41.1	04-06-2013 11:31:40	0	0	0.02	0.237032056
BC	BC060413_210	BC060413_210_11062013_105727.txt	1212921.331	2303962.434	6/11/2013	0	0.002318441	0.038254276	A	781.2	42.0	11-06-2013 10:57:27	-0.034000002	0.01	0.165000007	0.231844097
BC	BC060413_211	BC060413_211_11062013_110429.txt	1213122.401	2303931.877	6/11/2013	0	0.002313255	0.019431343	A	779.7	42.1	11-06-2013 11:04:29	-0.025	0.01	0.083999999	0.231325522
BC	BC060413_212	BC060413_212_11062013_110716.txt	1213155.118	2303940.041	6/11/2013	0	0.000691977	0.027448419	A	777.7	42.2	11-06-2013 11:07:16	0	0.003	0.119000003	0.230658978
BC	BC060413_213	BC060413_213_11062013_111204.txt	1213343.14	2303950.543	6/11/2013	0	0.002305997	0.052115526	A	777.5	42.2	11-06-2013 11:12:04	0	0.01	0.225999996	0.230599672
BC	BC060413_214	BC060413_214_11062013_111657.txt	1213552.398	2303950.067	6/11/2013	0	0.001839231	0.037014533	A	775.4	42.3	11-06-2013 11:16:57	0	0.008	0.160999998	0.229903921
BC	BC060413_215	BC060413_215_11062013_112152.txt	1213547.54	2303789.129	6/11/2013	0	0.00643278	0.09304557	A	775.1	42.4	11-06-2013 11:21:52	0	0.028000001	0.405000001	0.22974214
BC	BC060413_216	BC060413_216_11062013_112643.txt	1213740.078	2303759.187	6/11/2013	0	0.001609025	0.058844343	A	775.5	42.4	11-06-2013 11:26:43	0	0.007	0.256000012	0.229860708
BC	BC060413_217	BC060413_217_11062013_113230.txt	1213722.29	2303974.557	6/11/2013	0	0.002293864	0.031884719	A	773.9	42.4	11-06-2013 11:32:30	0	0.01	0.138999999	0.229386464
BC	BC060413_218	BC060413_218_11062013_114038.txt	1213964.505	2303969.98	6/11/2013	0	0.001604989	0.074517347	A	773.8						



APPENDIX B - FLUX METER DATA

AreaAbbrev	SitePt	Filename	Northing	Easting	Date	CH <sub>4</sub> flux	H <sub>2</sub> S flux	CO <sub>2</sub> flux	ACCUMULATION CHAMBER	PRESSURE Hpa	TEMP DegC	TIME	CH <sub>4</sub> slope	H <sub>2</sub> S slope	CO <sub>2</sub> slope	AcK
BC	BC060413_224	BC060413_224_11062013_122349.txt	1213364.314	2304150.272	6/11/2013	0	0.00206245	0.073560737	A	775.1	43.2	11-06-2013 12:23:49	0	0.009	0.32100001	0.229161158
BC	BC060413_225	BC060413_225_11062013_122916.txt	1213386.723	2304379.367	6/11/2013	0	0.002294864	0.003212809	A	776.2	43.2	11-06-2013 12:29:16	0	0.01	0.014	0.229486376
BC	BC060413_226	BC060413_226_11062013_123541.txt	1213148.395	2304346.89	6/11/2013	0	0.002298411	0.047117438	A	777.4	43.2	11-06-2013 12:35:41	0	0.01	0.204999998	0.229841158
BC	BC060413_227	BC060413_227_11062013_123905.txt	1213104.786	2304338.1	6/11/2013	0	0.002070699	0.039343286	A	778.2	43.2	11-06-2013 12:39:05	0	0.009	0.171000004	0.230077684
BC	BC060413_228	BC060413_228_11062013_124410.txt	1213109.497	2304131.8	6/11/2013	0	0.002072296	0.018190153	A	778.8	43.2	11-06-2013 12:44:10	0	0.009	0.079000004	0.230255082
BC	BC060413_229	BC060413_229_11062013_124711.txt	1213133.829	2304171.112	6/11/2013	0	0.001841695	0.058934242	A	778.9	43.3	11-06-2013 12:47:11	0	0.008	0.256000012	0.230211869
BC	BC060413_23	BC060413_23_04062013_113947.txt	1210134.796	2303989.893	6/4/2013	0	0.000711269	0.002845074	A	797.1	41.3	04-06-2013 11:39:47	0	0.003	0.012	0.2370895
BC	BC060413_230	BC060413_230_11062013_125644.txt	1212928.17	2304137.398	6/11/2013	0	0.004603374	0.079178028	A	779.0	43.4	11-06-2013 12:56:44	0	0.02	0.344000012	0.230168685
BC	BC060413_231	BC060413_231_11062013_130324.txt	1212952.299	2304352.947	6/11/2013	0	0.002303345	0.006449366	A	780.3	43.7	11-06-2013 13:03:24	-0.012	0.01	0.028000001	0.230334505
BC	BC060413_232	BC060413_232_11062013_130743.txt	1212954.076	2304561.786	6/11/2013	0	0.002300282	0.11225374	A	780.0	44.0	11-06-2013 13:07:43	-0.012	0.01	0.488000005	0.230028152
BC	BC060413_233	BC060413_233_11062013_131240.txt	1213150.996	2304564.477	6/11/2013	0.779753029	0.001378061	0.505059421	A	779.3	44.2	11-06-2013 13:12:40	3.394999981	0.006	2.198999882	0.229676887
BC	BC060413_234	BC060413_234_11062013_131718.txt	1213350.122	2304548.738	6/11/2013	0	0.001835658	0.021339521	A	778.8	44.3	11-06-2013 13:17:18	-0.048999999	0.008	0.093000002	0.229457214
BC	BC060413_235	BC060413_235_11062013_131954.txt	1213342.067	2304550.735	6/11/2013	0	0.005728733	0.547437727	A	778.0	44.4	11-06-2013 13:19:54	0	0.025	2.388999939	0.229149327
BC	BC060413_236	BC060413_236_11062013_132330.txt	1213537.562	2304572.238	6/11/2013	0	0.002520642	0.061182868	A	778.0	44.4	11-06-2013 13:23:30	0	0.011	0.266999999	0.229149327
BC	BC060413_237	BC060413_237_11062013_132852.txt	1213536.368	2304777.89	6/11/2013	0	0.004584488	0.027506929	A	778.5	44.5	11-06-2013 13:28:52	0	0.02	0.119999997	0.229224414
BC	BC060413_238	BC060413_238_11062013_133431.txt	1213376.46	2304779.493	6/11/2013	0	0.002989311	0.036101684	A	781.2	44.6	11-06-2013 13:34:31	0	0.013	0.157000005	0.229947016
BC	BC060413_239	BC060413_239_11062013_133849.txt	1213151.683	2304819.827	6/11/2013	1.4106251	0.003215362	7.142925739	A	780.5	44.7	11-06-2013 13:38:49	6.142000198	0.014	31.10099983	0.229668692
BC	BC060413_24	BC060413_24_04062013_114419.txt	1210142.967	2303775.738	6/4/2013	0	0.00094835	0.07112623	A	797.6	41.5	04-06-2013 11:44:19	0	0.004	0.300000012	0.237087429
BC	BC060413_240	BC060413_240_11062013_134448.txt	1212927.795	2304836.041	6/11/2013	2.534720182	0.009421897	2.351567507	A	781.2	44.8	11-06-2013 13:44:48	11.02999973	0.041000001	10.2329998	0.22980237
BC	BC060413_241	BC060413_241_11062013_134824.txt	1212933.464	2304761.765	6/11/2013	1.137562037	0.002526385	0.400776446	A	781.0	44.9	11-06-2013 13:48:24	4.953000069	0.011	1.745000005	0.229671314
BC	BC060413_242	BC060413_242_11062013_135820.txt	1212929.777	2304946.313	6/11/2013	3.179468393	0.002062952	0.422217607	A	779.7	45.0	11-06-2013 13:58:20	13.87100029	0.009	1.842000008	0.229216948
BC	BC060413_243	BC060413_243_11062013_140622.txt	1213148.858	2304977.054	6/11/2013	0	0.002987671	0.040218651	A	782.0	45.1	11-06-2013 14:06:22	0	0.013	0.174999997	0.229820862
BC	BC060413_244	BC060413_244_11062013_141300.txt	1213350.441	2304940.956	6/11/2013	0	0.002070139	0.103966996	A	783.4	45.4	11-06-2013 14:13:00	0	0.009	0.451999992	0.230015486
BC	BC060413_245	BC060413_245_11062013_141906.txt	1213551.371	2304988.97	6/11/2013	0	0	0.007579938	A	782.8	45.6	11-06-2013 14:19:06	0	-0.002	0.033	0.229695097
BC	BC060413_246	BC060413_246_11062013_142253.txt	1213760.271	2304966.999	6/11/2013	0	0.001602639	0.005952658	A	780.5	45.7	11-06-2013 14:22:53	0	0.007	0.026000001	0.228948385
BC	BC060413_25	BC060413_25_04062013_114808.txt	1210145.599	2303577.611	6/4/2013	0	0.001421894	0.17821075	A	797.5	41.6	04-06-2013 11:48:08	0	0.006	0.751999974	0.23698239
BC	BC060413_26	BC060413_26_04062013_115121.txt	1210139.825	2303388.012	6/4/2013	0	0.001183941	0.025099559	A	797.1	41.7	04-06-2013 11:51:21	0	0.005	0.105999999	0.236788288
BC	BC060413_27	BC060413_27_04062013_121531.txt	1210365.395	2303983.875	6/4/2013	0	0.003308927	0.053415537	A	797.4	42.4	04-06-2013 12:15:31	0	0.014	0.225999996	0.236351937
BC	BC060413_28	BC060413_28_04062013_121936.txt	1210333.741	2304162.826	6/4/2013	0	0.002119155	0.413235247	A	794.9	42.6	04-06-2013 12:19:36	0	0.009	1.754999995	0.235461682
BC	BC060413_29	BC060413_29_04062013_122431.txt	1210341.308	2304346.8	6/4/2013	0	0.001648954	0.15405938	A	795.5	42.7	04-06-2013 12:24:31	0	0.007	0.653999984	0.235564813
BC	BC060413_30	BC060413_30_04062013_123001.txt	1210309.941	2304509.123	6/4/2013	3185.594971	0.302851468	19.36505508	A	796.4	42.9	04-06-2013 12:30:01	13516.49219	1.284999967	82.16600037	0.235682085
BC	BC060413_31	BC060413_31_04062013_123452.txt	1210347.656	2304551.9	6/4/2013	1.219530582	0	0.269986778	A	795.9	43.1	04-06-2013 12:34:52	5.181000233	-0.012	1.146999955	0.235385165
BC	BC060413_32	BC060413_32_04062013_124107.txt	1210307.249	2304741.619	6/4/2013	0	0.003759284	0.091162637	A	795.2	43.4	04-06-2013 12:41:07	0	0.016000001	0.388000011	0.234955251
BC	BC060413_33	BC060413_33_04062013_124708.txt	1210541.216	2304982	6/4/2013	0	0.001173296	0	A	794.7	43.6	04-06-2013 12:47:08	0	0.005	-0.301999986	0.234659255
BC	BC060413_34	BC060413_34_04062013_125300.txt	1210542.399	2304796.559	6/4/2013	0	0.004210844	0.513021231	A	792.5	43.7	04-06-2013 12:53:00	-0.012	0.017999999	2.193000078	0.233935788
BC	BC060413_35	BC060413_35_04062013_125735.txt	1210554.23	2304551.087	6/4/2013	0	0.001407157	0.07387574	A	794.5	43.7	04-06-2013 12:57:35	0	0.006	0.314999998	0.234526157
BC	BC060413_36	BC060413_36_04062013_130229.txt	1210530.111	2304376.044	6/4/2013	0	0.00305249	0.159433886	A	795.2	43.6	04-06-2013 13:02:29	0	0.013	0.679000002	0.234806895
BC	BC060413_37	BC060413_37_04062013_130714.txt	1210535.8	2304178.169	6/4/2013	0	0.001645408	0.100840002	A	795.8	43.5	04-06-2013 13:07:14	0	0.007	0.428999999	0.235058278
BC	BC060413_38	BC060413_38_04062013_131244.txt	1210535.447	2303950.648	6/4/2013	0	0.001644379	0.070708297	A	794.8	43.3	04-06-2013 13:12:44	0	0.007	0.300999999	0.234911278
BC	BC060413_39	BC060413_39_04062013_131801.txt	1210569.173	2303770.343	6/4/2013	0	0.001875507	0.020630578	A	793.2	43.3	04-06-2013 13:18:01	0	0.008	0.088	0.23443839
BC	BC060413_40	BC060413_40_04062013_132546.txt	1210753.357	2303567.349	6/4/2013	0	0.001641693	0.088416867	A	793.0	43.1	04-06-2013 13:25:46	0	0.007	0.377000004	0.234527498
BC	BC060413_41	BC060413_41_04062013_133114.txt	1210726.289	2303768.506	6/4/2013	0	0.001170345	0.01427821	A	791.7	43.2	04-06-2013 13:31:14	0	0.005	0.061000001	0.234069005
BC	BC060413_42	BC060413_42_04062013_133828.txt	1210745.015	2303965.711	6/4/2013	0	0.001170715	0.089442633	A	791.7	43.1	04-06-2013 13:38:28	0	0.005	0.381999999	0.234143019
BC	BC060413_43	BC060413_43_04062013_134501.txt	1210746.582	2304147.104	6/4/2013	0	0.002105158	0.006783286	A	790.9	43.1	04-06-2013 13:45:01	0	0.009	0.028999999	0.233906418
BC	BC060413_44	BC060413_44_04062013_135238.txt	1210737.687	2304371.859	6/4/2013	0	0.001406545	0.048994653	A	792.4	43.0	04-06-2013 13:52:38	0	0.006	0.209000006	0.234424174
BC	BC060413_45	BC060413_45_04062013_135955.txt	1210748.844	2304552.655	6/4/2013	0	0.000706116	0.361531168	A	795.1	42.8	04-06-2013 13:59:55	0	0.003	1.536000013	0.235371843
BC	BC060413_46	BC060413_46_04062013_140522.txt	1210718.814	2304753.516	6/4/2013	0	0.00070474	0.125443727	A	793.3	42.7	04-06-2013 14:05:22	0	0.003	0.533999979	0.234913349
BC	BC060413_47	BC060413_47_04062013_141154.txt	1210761.686	2304980.131	6/4/2013	0	0.00093829	0.273511618	A	792.4	42.8	04-06-2013 14:11:54	0	0.004	1.166000009	0.23457256
BC	BC060413_48	BC060413_48_04062013_142043.txt	1210966.551	2304941.495	6/4/2013	0	0.002576713	0.026469873	A	791.8	43.0	04-06-2013 14:20:43	0	0.011	0.112999998	0.234246671
BC	BC060413_49	BC060413_49_04062013_142541.txt	1210926.751	2304788.589	6/4/2013	0	0.000934739	0.007477909	A	790.4	43.2	04-06-2013 14:25:41	0	0.004	0.032000002	0.233684659
BC	BC060413_50	BC060413_50_04062013_143305.txt	1210927.45	2304573.677	6/4/2013	1.062318206	0.001866172	0.069748163	A	790.0	43.6	04-06-2013 14:33				

APPENDIX B - FLUX METER DATA

AreaAbbrev	SitePt	Filename	Northing	Easting	Date	CH <sub>4</sub> flux	H <sub>2</sub> S flux	CO <sub>2</sub> flux	ACCUMULATION CHAMBER	PRESSURE Hpa	TEMP DegC	TIME	CH <sub>4</sub> slope	H <sub>2</sub> S slope	CO <sub>2</sub> slope	AcK
BC	BC060413_57	BC060413_57_04062013_153333.txt	1211338.264	2303379.701	6/4/2013	0	0.001624418	0.035969254	A	785.4	43.4	04-06-2013 15:33:33	0	0.007	0.155000001	0.232059687
BC	BC060413_58	BC060413_58_04062013_154044.txt	1211359.142	2303577.391	6/4/2013	0	0.000926404	0.041919779	A	783.6	43.3	04-06-2013 15:40:44	0	0.004	0.180999994	0.231601
BC	BC060413_59	BC060413_59_04062013_154930.txt	1211152.161	2303371.859	6/4/2013	0	0.002092511	0.130665675	A	785.9	43.0	04-06-2013 15:49:30	0	0.009	0.561999977	0.232501209
BC	BC060413_60	BC060413_60_04062013_155547.txt	1210936.819	2303363.423	6/4/2013	0	0.002091446	0.069714867	A	785.5	43.0	04-06-2013 15:55:47	0	0.009	0.300000012	0.232382879
BC	BC060413_61	BC060413_61_06062013_092852.txt	1209550.636	2302148.407	6/6/2013	0	0	0	A	794.1	24.4	06-06-2013 09:28:52	0	-0.002	-0.100000001	0.24961251
BC	BC060413_62	BC060413_62_06062013_095133.txt	1209387.121	2302183.33	6/6/2013	0	0	0	A	794.1	31.8	06-06-2013 09:51:33	0	-0.005	-0.050999999	0.243555352
BC	BC060413_63	BC060413_63_06062013_100600.txt	1209362.394	2301954.581	6/6/2013	0	0.000240562	0	A	791.8	34.7	06-06-2013 10:06:00	0	0.001	-0.027000001	0.24056223
BC	BC060413_64	BC060413_64_06062013_101902.txt	1209135.353	2301945.21	6/6/2013	0	0	0	A	788.2	36.2	06-06-2013 10:19:02	0	-0.001	-0.075000003	0.238307342
BC	BC060413_65	BC060413_65_06062013_103956.txt	1209134.476	2302155.941	6/6/2013	0	0.000709253	0.051539063	A	786.5	38.0	06-06-2013 10:39:56	0	0.003	0.217999995	0.236417726
BC	BC060413_66	BC060413_66_06062013_104850.txt	1208944.229	2302142.16	6/6/2013	0	0.00142252	0.17188789	A	790.5	38.7	06-06-2013 10:48:50	0	0.006	0.725000024	0.237086728
BC	BC060413_67	BC060413_67_06062013_105757.txt	1208964.002	2301982.583	6/6/2013	0	0.000471946	0.14229165	A	788.3	39.3	06-06-2013 10:57:57	0	0.002	0.602999985	0.235972881
BC	BC060413_68	BC060413_68_06062013_110445.txt	1208759.125	2301929.913	6/6/2013	0	0.00070607	0.071077742	A	787.5	39.8	06-06-2013 11:04:45	0	0.003	0.301999986	0.235356778
BC	BC060413_69	BC060413_69_06062013_111039.txt	1208751.395	2301768.086	6/6/2013	0	0.001171326	0.141964734	A	785.1	40.3	06-06-2013 11:10:39	0	0.005	0.606000006	0.234265223
BC	BC060413_70	BC060413_70_06062013_111539.txt	1208749.972	2301563.44	6/6/2013	0	0.001169684	0	A	785.0	40.7	06-06-2013 11:15:39	0	0.005	-0.184	0.233936846
BC	BC060413_71	BC060413_71_06062013_112053.txt	1208741.442	2301347.5	6/6/2013	0	0.000931818	0.053579543	A	782.7	41.1	06-06-2013 11:20:53	0	0.004	0.230000004	0.232954532
BC	BC060413_72	BC060413_72_06062013_112842.txt	1208727.206	2301175.88	6/6/2013	0	0.001858184	0.135182858	A	781.9	41.7	06-06-2013 11:28:42	0	0.008	0.582000017	0.232272938
BC	BC060413_73	BC060413_73_06062013_120218.txt	1208689.786	2300963.018	6/6/2013	0	0.000463348	0.076915838	A	783.6	43.2	06-06-2013 12:02:18	0	0.002	0.331999987	0.231674209
BC	BC060413_74	BC060413_74_06062013_121645.txt	1208771.92	2300735.114	6/6/2013	0	0.000463467	0.210877359	A	783.8	43.2	06-06-2013 12:16:45	0	0.002	0.910000026	0.231733352
BC	BC060413_75	BC060413_75_06062013_123000.txt	1208908.339	2301036.329	6/6/2013	3.455224037	0.001386341	3.281238317	A	782.5	43.6	06-06-2013 12:30:00	14.95400047	0.006	14.201000021	0.231056839
BC	BC060413_77	BC060413_77_06062013_140903.txt	1209539.39	2302362.105	6/6/2013	0	0.000234454	0.00562689	A	792.5	43.0	06-06-2013 14:09:03	0	0.001	0.024	0.234453753
BC	BC060413_78	BC060413_78_06062013_141514.txt	1209357.264	2302379.608	6/6/2013	0	0.001171528	0	A	792.5	43.2	06-06-2013 14:15:14	0	0.005	-0.071000002	0.234305531
BC	BC060413_79	BC060413_79_06062013_142303.txt	1209149.166	2302343.275	6/6/2013	0	0.001405478	0.136565655	A	792.3	43.2	06-06-2013 14:23:03	0	0.006	0.583000004	0.234246403
BC	BC060413_80	BC060413_80_06062013_143648.txt	1208957.395	2302349.734	6/6/2013	0	0.004438326	0.237800837	A	790.6	43.4	06-06-2013 14:36:48	0	0.018999999	1.018000007	0.233596101
BC	BC060413_81	BC060413_81_06062013_144608.txt	1208970.777	2302538.516	6/6/2013	0	0.001392903	0.054555353	A	786.7	43.8	06-06-2013 14:46:08	0	0.006	0.234999999	0.232150435
BC	BC060413_82	BC060413_82_06062013_145452.txt	1209124.298	2302556.916	6/6/2013	0	0.00162331	0	A	786.6	44.1	06-06-2013 14:54:52	0	0.007	-0.004	0.231901422
BC	BC060413_83	BC060413_83_06062013_150154.txt	1209139.826	2302767.652	6/6/2013	0	0.00115959	0.066328548	A	787.4	44.4	06-06-2013 15:01:54	0	0.005	0.286000013	0.231917977
BC	BC060413_84	BC060413_84_06062013_150858.txt	1209138.421	2302991.428	6/6/2013	0	0.001387816	0.040709261	A	786.3	44.8	06-06-2013 15:08:58	0	0.006	0.175999999	0.231302619
BC	BC060413_85	BC060413_85_06062013_151503.txt	1209141.753	2303134.567	6/6/2013	0	0.001853491	0.060470149	A	788.1	45.0	06-06-2013 15:15:03	0	0.008	0.261000007	0.231686383
BC	BC060413_86	BC060413_86_06062013_152734.txt	1209369.231	2303408.999	6/6/2013	0	0.001398585	0.091374218	A	792.9	45.0	06-06-2013 15:27:34	0	0.006	0.39199999	0.233097494
BC	BC060413_87	BC060413_87_06062013_153432.txt	1209334.135	2303569.145	6/6/2013	0	0.001630657	0	A	792.9	45.2	06-06-2013 15:34:32	0	0.007	-0.129999995	0.232951045
BC	BC060413_88	BC060413_88_06062013_154306.txt	1209354.474	2303802.656	6/6/2013	0	0.001863369	0.06661544	A	792.3	45.0	06-06-2013 15:43:06	0	0.008	0.286000013	0.232921109
BC	BC060413_89	BC060413_89_06062013_155348.txt	1209553.905	2304343.735	6/6/2013	0	0.001168574	0.111715667	A	794.5	44.8	06-06-2013 15:53:48	0	0.005	0.477999985	0.233714789
BC	BC060413_90	BC060413_90_06062013_155858.txt	1209541.99	2304175.623	6/6/2013	0	0.0021078	0.075646617	A	796.4	44.9	06-06-2013 15:58:58	0	0.009	0.323000014	0.234200045
BC	BC060413_91	BC060413_91_06062013_160608.txt	1209541.067	2303933.515	6/6/2013	0	0.001638885	0.046825286	A	796.4	45.0	06-06-2013 16:06:08	0	0.007	0.200000003	0.234126419
BC	BC060413_92	BC060413_92_06062013_161048.txt	1209545.344	2303774.035	6/6/2013	0	0.001869954	0.147025138	A	795.1	45.0	06-06-2013 16:10:48	0	0.008	0.629000008	0.233744249
BC	BC060413_93	BC060413_93_06062013_161643.txt	1209554.131	2303545.447	6/6/2013	0	0.001167106	0.010270529	A	794.5	45.2	06-06-2013 16:16:43	0	0.005	0.044	0.233421132
BC	BC060413_94	BC060413_94_06062013_162232.txt	1209534.94	2303354.115	6/6/2013	1.593852282	0.001629944	0.357190579	A	793.3	45.5	06-06-2013 16:22:32	6.84499979	0.007	1.534000039	0.232849136
BC	BC060413_95	BC060413_95_06062013_164006.txt	1209327.736	2303140.633	6/6/2013	0	0.003010831	0.690869927	A	789.3	45.6	06-06-2013 16:40:06	0	0.013	2.983000004	0.231602386
BC	BC060413_96	BC060413_96_06062013_164732.txt	1209330.052	2302951.527	6/6/2013	0	0.001622235	0.084124446	A	789.3	45.4	06-06-2013 16:47:32	0	0.007	0.363000005	0.231747791
BC	BC060413_97	BC060413_97_06062013_165520.txt	1209346.829	2302720.971	6/6/2013	0	0.000693959	0.003238476	A	787.1	45.1	06-06-2013 16:55:20	0	0.003	0.014	0.231319696
BC	BC060413_98	BC060413_98_06062013_165949.txt	1209346.666	2302597.219	6/6/2013	0	0.001387203	0.127160266	A	786.2	44.9	06-06-2013 16:59:49	0	0.006	0.550000012	0.231200486
BC	BC060413_99	BC060413_99_06062013_170446.txt	1209543.265	2302604.414	6/6/2013	0	0.002087018	0.011130766	A	788.3	44.8	06-06-2013 17:04:46	0	0.009	0.048	0.231890962
BC	BC061213_01	BC061213_01_12062013_084915.txt	1212947.528	2306144.354	6/12/2013	0	0	0.086035855	A	792.9	29.4	12-06-2013 08:49:15	0	0	0.351000011	0.245116398
BC	BC061213_02	BC061213_02_12062013_085437.txt	1212930.969	2305966.353	6/12/2013	0	0.00097788	0.201198786	A	792.9	30.2	12-06-2013 08:54:37	0	0.004	0.823000014	0.24446997
BC	BC061213_03	BC061213_03_12062013_085824.txt	1212918.666	2305789.195	6/12/2013	0	0.000487138	0.056020815	A	791.8	30.9	12-06-2013 08:58:24	0	0.002	0.230000004	0.243568763
BC	BC061213_04	BC061213_04_12062013_090525.txt	1212955.698	2305571.458	6/12/2013	0	0.002909061	0.313936204	A	791.7	32.3	12-06-2013 09:05:25	0	0.012	1.294999957	0.242421776
BC	BC061213_05	BC061213_05_12062013_091540.txt	1212923.538	2305359.935	6/12/2013	0	0	0.022452515	A	791.8	33.6	12-06-2013 09:15:40	0	0	0.093000002	0.241424888
BC	BC061213_06	BC061213_06_12062013_092430.txt	1212936.116	2305186.418	6/12/2013	0	0.000721661	0.069760546	A	791.0	34.4	12-06-2013 09:24:30	0	0.003	0.289999992	0.240553603
BC	BC061213_07	BC061213_07_12062013_093233.txt	1213150.993	2305126.104	6/12/2013	0	0.001674742	0.138764292	A	788.5	35.1	12-06-2013 09:32:33	0	0.007	0.579999983	0.239248782
BC	BC061213_08	BC061213_08_12062013_093928.txt	1213348.536	2305165.875	6/12/2013	0	0.000951173	0.319594264	A	786.5	36.2	12-06-2013 09:45:26	0	0.004	1.343999982	0.237793356
BC	BC061213_09	BC061213_09_12062013_094554.txt	1213561.091	2305111.7	6/12/2013	0	0.00071338	0	A	786.5	36.2	12-06-2013 09:45:54	0	0.003	-0.001	0.237793356
BC	BC061213_10	BC061213_10_12062013_095207.txt	1213619.388	2305088.498	6/12/2013	1.029170752	0.002611506	1.313112736	A	786.5	36.7	12-06-2013 09:52:07	4.335000038	0.011	5.531000137	0.237409636
BC	BC061213															

APPENDIX B - FLUX METER DATA

AreaAbbrev	SitePt	Filename	Northing	Easting	Date	CH <sub>4</sub> flux	H <sub>2</sub> S flux	CO <sub>2</sub> flux	ACCUMULATION CHAMBER	PRESSURE Hpa	TEMP DegC	TIME	CH <sub>4</sub> slope	H <sub>2</sub> S slope	CO <sub>2</sub> slope	AcK
BC	BC061213_16	BC061213_16_12062013_102932.txt	1213131.56	2305539.688	6/12/2013	4.344707489	0.002124551	1.84080565	A	789.1	39.5	12-06-2013 10:29:32	18.40500069	0.009	7.797999859	0.23606126
BC	BC061213_17	BC061213_17_12062013_103606.txt	1213120.977	2305755.281	6/12/2013	14.47816849	0.001886898	3.832997322	A	790.2	40.2	12-06-2013 10:36:06	61.38399887	0.008	16.25099945	0.235862255
BC	BC061213_18	BC061213_18_12062013_104023.txt	1213218.48	2305830.159	6/12/2013	1.480139017	0.002823346	4.506060123	A	789.0	40.5	12-06-2013 10:40:23	6.290999889	0.012	19.15200043	0.235278815
BC	BC061213_19	BC061213_19_12062013_104500.txt	1213114.886	2305940.894	6/12/2013	0	0.003291793	0.158711448	A	789.5	40.9	12-06-2013 10:45:00	0	0.014	0.675000012	0.23512806
BC	BC061213_20	BC061213_20_12062013_105212.txt	1213157.391	2306183.335	6/12/2013	0	0.001411294	0.043279678	A	790.8	41.3	12-06-2013 10:52:12	0	0.006	0.184	0.235215634
BC	BC061213_21	BC061213_21_12062013_105710.txt	1213163.412	2306359.357	6/12/2013	0	0.001411732	0.035528574	A	791.8	41.6	12-06-2013 10:57:10	0	0.006	0.150999993	0.23528859
BC	BC061213_22	BC061213_22_12062013_110314.txt	1213312.364	2306372.945	6/12/2013	0	0.001412795	0	A	792.9	41.8	12-06-2013 11:03:14	0	0.006	-4.869999886	0.23546584
BC	BC061213_23	BC061213_23_12062013_110904.txt	1213315.354	2306535.888	6/12/2013	0	0.001886454	0.014620017	A	794.3	41.9	12-06-2013 11:09:04	0	0.008	0.061999999	0.235806733
BC	BC061213_24	BC061213_24_12062013_113055.txt	1213305.553	2306168.787	6/12/2013	0	0.001643992	0.026538735	A	791.6	42.1	12-06-2013 11:30:55	0	0.007	0.112999998	0.234856069
BC	BC061213_25	BC061213_25_12062013_113655.txt	1213327.295	2305986.809	6/12/2013	0	0.00140869	0.189703539	A	791.6	42.2	12-06-2013 11:36:55	0	0.006	0.808000028	0.234781608
BC	BC061213_26	BC061213_26_12062013_114239.txt	1213341.587	2305725.457	6/12/2013	4.849011421	0.001639525	2.648535013	A	790.2	42.4	12-06-2013 11:42:39	20.70299911	0.007	11.30799961	0.234217823
BC	BC061213_27	BC061213_27_12062013_114843.txt	1213420.668	2305697.124	6/12/2013	0	0.001869712	0.427696645	A	789.0	42.6	12-06-2013 11:48:43	0	0.008	1.830000043	0.233714014
BC	BC061213_28	BC061213_28_12062013_115333.txt	1213367.521	2305564.035	6/12/2013	0.301985681	0.001400243	0.20350194	A	788.6	42.9	12-06-2013 11:53:33	1.29400003	0.006	0.871999979	0.233373791
BC	BC061213_29	BC061213_29_12062013_115804.txt	1213557.761	2305542.364	6/12/2013	0	0.000466038	0.009553787	A	787.9	43.1	12-06-2013 11:58:04	0	0.002	0.041000001	0.233019188
BC	BC061213_30	BC061213_30_12062013_120346.txt	1213575.726	2305750.57	6/12/2013	0	0.002561114	0.374621093	A	788.5	43.6	12-06-2013 12:03:46	0	0.011	1.608999968	0.232828528
BC	BC061213_31	BC061213_31_12062013_120812.txt	1213554.655	2305944.731	6/12/2013	0	0.003728812	0.034491505	A	790.0	43.9	12-06-2013 12:08:12	0	0.016000001	0.148000002	0.233050719
BC	BC061213_32	BC061213_32_12062013_121256.txt	1213565.441	2306174.445	6/12/2013	0	0.001399989	0.02589979	A	791.7	44.2	12-06-2013 12:12:56	0	0.006	0.111000001	0.233331442
BC	BC061213_33	BC061213_33_12062013_122018.txt	1213537.737	2306337.137	6/12/2013	0	0.003502408	0.110909574	A	793.0	44.5	12-06-2013 12:20:18	0	0.015	0.474999994	0.23349385
BC	BC061213_34	BC061213_34_12062013_122625.txt	1213526.983	2306552.17	6/12/2013	0	0.004193359	0.1171811	A	791.7	44.7	12-06-2013 12:26:25	0	0.017999999	0.503000021	0.232964396
BC	BC061213_35	BC061213_35_12062013_123849.txt	1213725.097	2306580.415	6/12/2013	0	0.002792403	0.046074651	A	791.3	44.9	12-06-2013 12:38:49	0	0.012	0.197999999	0.232700258
BC	BC061213_36	BC061213_36_12062013_124508.txt	1213751.216	2306331.56	6/12/2013	0	0.002319956	0.122261703	A	789.4	45.1	12-06-2013 12:45:08	-0.057	0.01	0.52700001	0.231995642
BC	BC061213_37	BC061213_37_12062013_125130.txt	1213706.652	2306174.593	6/12/2013	0	0.001860909	0.020469993	A	792.0	45.3	12-06-2013 12:51:30	0	0.008	0.088	0.232613564
BC	BC061213_38	BC061213_38_12062013_125635.txt	1213947.4	2306382.465	6/12/2013	0	0.003254746	0.041149281	A	791.8	45.4	12-06-2013 12:56:35	0	0.014	0.177000001	0.232481822
BC	BC061213_39	BC061213_39_12062013_130107.txt	1214139.68	2306384.298	6/12/2013	0	0.001625629	0.002786793	A	791.2	45.5	12-06-2013 13:01:07	0	0.007	0.012	0.232232749
BC	BC061213_40	BC061213_40_12062013_130612.txt	1214145.89	2306570.335	6/12/2013	0	0.001853881	0.682228088	A	790.0	45.7	12-06-2013 13:06:12	0	0.008	2.944000006	0.23173508
BC	BC061213_41	BC061213_41_12062013_131113.txt	1213964.264	2306556.179	6/12/2013	0	0.002080754	0.077681482	A	788.9	46.0	12-06-2013 13:11:13	0	0.009	0.335999995	0.231194884
BC	BC061213_42	BC061213_42_12062013_131638.txt	1213934.034	2306758.525	6/12/2013	0	0.002077869	0.006464482	A	788.3	46.2	12-06-2013 13:16:38	0	0.009	0.028000001	0.23087436
BC	BC061213_43	BC061213_43_12062013_132315.txt	1214138.906	2306775.141	6/12/2013	0	0.00231007	0.009471289	A	789.0	46.3	12-06-2013 13:23:15	0	0.01	0.041000001	0.23100704
BC	BC061213_44	BC061213_44_12062013_132953.txt	1214366.006	2306765.68	6/12/2013	0	0.002301603	0.00023016	A	786.6	46.5	12-06-2013 13:29:53	0	0.01	0.001	0.230160266
BC	BC061213_45	BC061213_45_12062013_133545.txt	1214375.602	2306550.565	6/12/2013	0	0.006433018	0.053072393	A	785.2	46.5	12-06-2013 13:35:45	0	0.028000001	0.231000006	0.229750618
BC	BC061213_46	BC061213_46_12062013_134024.txt	1214527.152	2306572.804	6/12/2013	0	0.002536913	0.02629164	A	788.2	46.5	12-06-2013 13:40:24	0	0.011	0.114	0.230628431
BC	BC061213_47	BC061213_47_12062013_134617.txt	1214540.011	2306775.686	6/12/2013	1.375723124	0.00230131	0.158790395	A	786.5	46.5	12-06-2013 13:46:17	5.978000164	0.01	0.689999998	0.230131
BC	BC061213_48	BC061213_48_12062013_135121.txt	1214408.401	2306930.683	6/12/2013	0	0.002066175	0.104456656	A	784.6	46.5	12-06-2013 13:51:21	0	0.009	0.455000013	0.229575053
BC	BC061213_49	BC061213_49_12062013_135509.txt	1214560.525	2306919.332	6/12/2013	0	0.001835324	0.165179178	A	784.3	46.6	12-06-2013 13:55:09	-0.037	0.008	0.720000029	0.229415506
BC	BC061213_50	BC061213_50_12062013_140006.txt	1214743.03	2306969.992	6/12/2013	0	0.003207312	0.174569443	A	783.2	46.6	12-06-2013 14:00:06	-0.057999998	0.014	0.762000024	0.229093745
BC	BC061213_51	BC061213_51_12062013_140506.txt	1214749.684	2306789.008	6/12/2013	0	0.004116843	0.484415174	A	781.9	46.6	12-06-2013 14:05:06	0	0.017999999	2.118000031	0.228713483
BC	BC061213_52	BC061213_52_12062013_140939.txt	1214731.661	2306601.388	6/12/2013	0	0.002981469	0.059629381	A	784.3	46.7	12-06-2013 14:09:39	0	0.013	0.25999999	0.229343787
BC	BC061213_53	BC061213_53_12062013_141524.txt	1214964.701	2306590.48	6/12/2013	0	0.002294475	0.06791646	A	784.9	46.8	12-06-2013 14:15:24	0	0.01	0.296000004	0.229447499
BC	BC061213_54	BC061213_54_12062013_141938.txt	1214914.146	2306749.092	6/12/2013	0	0.001601426	0.127656534	A	782.6	46.8	12-06-2013 14:19:38	0	0.007	0.558000028	0.228775144
BC	BC061213_55	BC061213_55_12062013_142505.txt	1214943.626	2306946.257	6/12/2013	0	0.002288336	0.069565415	A	782.8	46.8	12-06-2013 14:25:05	0	0.01	0.30399999	0.228833616
BC	BC061213_56	BC061213_56_12062013_142920.txt	1215157.36	2306785.413	6/12/2013	0	0.005022763	0.097943887	A	781.0	46.8	12-06-2013 14:29:20	0	0.022	0.42899999	0.228307426
BC	BC061213_57	BC061213_57_12062013_143429.txt	1215359.235	2306774.147	6/12/2013	0	0.005251743	0.154127255	A	781.1	46.8	12-06-2013 14:34:29	0	0.023	0.675000012	0.228336662
BC	BC061213_58	BC061213_58_12062013_144129.txt	1215517.427	2306728.925	6/12/2013	0	0.004799981	0.167085052	A	781.9	46.8	12-06-2013 14:41:29	0	0.021	0.731000006	0.228570521
BC	BC071013_01	BC071013_01_10072013_093144.txt	1210317.887	2304498.164	7/10/2013	0.829444945	0	0.267682284	A	803.6	31.5	10-07-2013 09:31:44	3.361999989	-0.004	1.085000038	0.246711761
BC	BC071013_02	BC071013_02_10072013_093653.txt	1210302.75	2304506.909	7/10/2013	1.66933763	0	0.581184089	A	803.6	32.7	10-07-2013 09:36:53	6.793000221	0	2.36500001	0.245743796
BC	BC071013_03	BC071013_03_10072013_094116.txt	1210321.582	2304526.593	7/10/2013	0.591266572	0.001957837	0.125056803	A	802.9	33.7	10-07-2013 09:41:16	2.415999889	0.008	0.510999978	0.244729564
BC	BC071013_04	BC071013_04_10072013_094538.txt	1210330.334	2304510.585	7/10/2013	0.993497133	0.001219613	0.262216896	A	802.6	34.6	10-07-2013 09:45:38	4.072999954	0.005	1.075000048	0.243922696
BC	BC071013_05	BC071013_05_10072013_095100.txt	1210352.783	2304515.149	7/10/2013	0.447364122	0	0.482132077	A	802.6	35.6	10-07-2013 09:51:00	1.840000033	0	1.98300004	0.243132666
BC	BC071013_06	BC071013_06_10072013_095822.txt	1210348.505	2304467.456	7/10/2013	0	0.003150128	0.109285206	A	802.5	36.6	10-07-2013 09:58:22	0	0.013	0.451000005	0.242317528
BC	BC071013_07	BC071013_07_10072013_100529.txt	1210318.304	2304465.649	7/10/2013	0	0.000484	0.134309858	A	803.0	37.2	10-07-2013 10:05:29	0	0.002	0.555000007	0.241999745
BC	BC071013_08	BC071013_08_10072013_101611.txt	1210289.047	2304463.428	7/10/2013	0	0.000966442	0.076348916	A	803.0	37.7					



APPENDIX B - FLUX METER DATA

AreaAbbrev	SitePt	Filename	Northing	Easting	Date	CH <sub>4</sub> flux	H <sub>2</sub> S flux	CO <sub>2</sub> flux	ACCUMULATION CHAMBER	PRESSURE Hpa	TEMP DegC	TIME	CH <sub>4</sub> slope	H <sub>2</sub> S slope	CO <sub>2</sub> slope	AcK
BC	BC071013_15	BC071013_15_10072013_104430.txt	1210389.494	2304513.745	7/10/2013	0	0.00311719	0.086082384	A	801.8	39.6	10-07-2013 10:44:30	0	0.013	0.358999997	0.239783809
BC	BC071013_16	BC071013_16_10072013_104934.txt	1210394.144	2304474.981	7/10/2013	0	0.001436944	0.381987572	A	802.1	40.1	10-07-2013 10:49:34	0	0.006	1.595000029	0.239490643
CJ	CJ052813_01	CJ052813_01_28052013_083908.txt	1214949.542	2309961.599	5/28/2013	0	0	0	A	800.0	19.1	28-05-2013 08:39:08	0	0	-0.134000003	0.25602749
CJ	CJ052813_02	CJ052813_02_28052013_085208.txt	1214977.645	2310131.71	5/28/2013	0	0	1.352292776	A	799.5	22.3	28-05-2013 08:52:08	0	0	5.342999935	0.253096163
CJ	CJ052813_03	CJ052813_03_28052013_085754.txt	1214755.29	2310163.824	5/28/2013	0	0	0.157187179	A	799.5	23.7	28-05-2013 08:57:54	0	0	0.624000013	0.251902521
CJ	CJ052813_04	CJ052813_04_28052013_090336.txt	1214552.529	2310139.775	5/28/2013	0	0	0.269454062	A	799.5	24.9	28-05-2013 09:03:36	0	-0.001	1.074000001	0.250888318
CJ	CJ052813_05	CJ052813_05_28052013_091004.txt	1214362.633	2310151.266	5/28/2013	1.059559226	0	0.432672083	A	800.0	26.2	28-05-2013 09:10:04	4.238999844	0	1.730999947	0.249954998
CJ	CJ052813_06	CJ052813_06_28052013_091524.txt	1214176.19	2310175.036	5/28/2013	0	0.000248874	0.150320008	A	800.0	27.5	28-05-2013 09:15:24	0	0.001	0.603999972	0.248874202
CJ	CJ052813_07	CJ052813_07_28052013_092333.txt	1214154.866	2309959.953	5/28/2013	0	0.000247473	0.137100026	A	799.2	28.9	28-05-2013 09:23:33	0	0.001	0.554000002	0.247472957
CJ	CJ052813_08	CJ052813_08_28052013_093132.txt	1214169.575	2309765.754	5/28/2013	0	0.000490713	0.024044938	A	796.3	30.4	28-05-2013 09:31:32	0	0.002	0.097999997	0.245356515
CJ	CJ052813_09	CJ052813_09_28052013_093732.txt	1214342.692	2309776.592	5/28/2013	0	0.00073203	0.102240227	A	794.8	31.5	28-05-2013 09:37:32	0	0.003	0.419	0.244010091
CJ	CJ052813_10	CJ052813_10_28052013_094952.txt	1214342.29	2309958.935	5/28/2013	0	0.000242498	0.080509238	A	794.8	33.4	28-05-2013 09:49:52	0	0.001	0.331999987	0.242497712
CJ	CJ052813_100	CJ052813_100_30052013_115901.txt	1215136.499	2310740.036	5/30/2013	0	0.000240772	0	A	801.5	38.2	30-05-2013 11:59:01	0	0.001	-0.240999997	0.240771875
CJ	CJ052813_101	CJ052813_101_30052013_120349.txt	1215365.254	2310763.487	5/30/2013	0	0.000963397	0.004816985	A	801.5	38.1	30-05-2013 12:03:49	0	0.004	0.02	0.240849242
CJ	CJ052813_102	CJ052813_102_30052013_120945.txt	1215561.199	2310711.523	5/30/2013	0	0	0	A	802.0	38.1	30-05-2013 12:09:45	0	0	-0.453000009	0.240999949
CJ	CJ052813_103	CJ052813_103_30052013_122522.txt	1215764.112	2310755.211	5/30/2013	0	0.000722523	0	A	800.7	37.8	30-05-2013 12:25:22	0	0.003	-0.007	0.240840971
CJ	CJ052813_104	CJ052813_104_30052013_123002.txt	1215960.704	2310747.699	5/30/2013	0	0.000482679	0.049233299	A	802.1	37.7	30-05-2013 12:30:02	0	0.002	0.203999996	0.241339698
CJ	CJ052813_105	CJ052813_105_30052013_124135.txt	1215154.152	2310939.936	5/30/2013	0	0.000967085	0.044969436	A	802.5	37.3	30-05-2013 12:41:35	0	0.004	0.186000004	0.241771162
CJ	CJ052813_106	CJ052813_106_30052013_124518.txt	1214939.674	2311136.822	5/30/2013	0	0	0.014006269	A	801.3	37.2	30-05-2013 12:45:18	0	0	0.057999998	0.241487414
CJ	CJ052813_107	CJ052813_107_30052013_124854.txt	1214938.094	2310979.676	5/30/2013	0	0	0.015799331	A	806.8	37.3	30-05-2013 12:48:54	0	-0.001	0.064999998	0.243066624
CJ	CJ052813_108	CJ052813_108_30052013_130328.txt	1214560.211	2311168.977	5/30/2013	0	0.000724462	0	A	801.3	37.2	30-05-2013 13:03:28	0	0.003	-0.194999993	0.241487414
CJ	CJ052813_109	CJ052813_109_30052013_130717.txt	1214768.75	2311163.494	5/30/2013	0	0.001446469	0.015670083	A	800.2	37.3	30-05-2013 13:07:17	0	0.006	0.064999998	0.241078228
CJ	CJ052813_11	CJ052813_11_28052013_095643.txt	1214534.095	2309968.291	5/28/2013	0	0.002180583	0.830075443	A	796.7	34.4	28-05-2013 09:56:43	0	0.009	3.426000118	0.24228704
CJ	CJ052813_110	CJ052813_110_30052013_131213.txt	1214749.051	2310943.594	5/30/2013	0	0.000482001	0.023618059	A	800.2	37.4	30-05-2013 13:12:13	0	0.002	0.097999997	0.241000608
CJ	CJ052813_111	CJ052813_111_30052013_131847.txt	1214328.381	2310900.964	5/30/2013	0	0.000481846	0.077577211	A	800.2	37.5	30-05-2013 13:18:47	0	0.002	0.321999997	0.240923017
CJ	CJ052813_112	CJ052813_112_30052013_132223.txt	1214557.678	2310924.241	5/30/2013	0	0	0.013250766	A	800.2	37.5	30-05-2013 13:22:23	0	0	0.055	0.240923017
CJ	CJ052813_113	CJ052813_113_30052013_132848.txt	1214745.132	2311365.599	5/30/2013	0	0.000481941	0	A	800.1	37.4	30-05-2013 13:28:48	0	0.002	-0.035	0.240970477
CJ	CJ052813_114	CJ052813_114_30052013_134312.txt	1215745.936	2310957.159	5/30/2013	0	0.001204164	0.095369749	A	799.9	37.5	30-05-2013 13:43:12	0	0.005	0.395999998	0.240832701
CJ	CJ052813_115	CJ052813_115_30052013_134714.txt	1215517.406	2310952.147	5/30/2013	0	0.000963021	0.035872526	A	799.9	37.6	30-05-2013 13:47:14	0	0.004	0.149000004	0.2407552
CJ	CJ052813_116	CJ052813_116_30052013_135042.txt	1215355.117	2311030.443	5/30/2013	0	0	0.077979587	A	799.9	37.7	30-05-2013 13:50:42	0	-0.001	0.324000001	0.240677744
CJ	CJ052813_117	CJ052813_117_30052013_135407.txt	1215154.412	2311230.747	5/30/2013	0	0.00096247	0.200434446	A	799.7	37.7	30-05-2013 13:54:07	0	0.004	0.833000004	0.240617573
CJ	CJ052813_118	CJ052813_118_30052013_135826.txt	1214961.822	2311407.57	5/30/2013	0	0.000721853	0.194659621	A	799.7	37.7	30-05-2013 13:58:26	0	0.003	0.809000015	0.240617573
CJ	CJ052813_119	CJ052813_119_30052013_140303.txt	1215353.508	2311165.482	5/30/2013	0	0.000721853	0.025746081	A	799.7	37.7	30-05-2013 14:03:03	0	0.003	0.107000001	0.240617573
CJ	CJ052813_12	CJ052813_12_28052013_100258.txt	1214740.026	2309965.582	5/28/2013	0	0.00072474	0.004106862	A	796.7	35.3	28-05-2013 10:02:58	0	0.003	0.017000001	0.241580099
CJ	CJ052813_120	CJ052813_120_30052013_140747.txt	1215382.274	2311367.049	5/30/2013	0	0.000240407	0.008654649	A	799.0	37.7	30-05-2013 14:07:47	0	0.001	0.035999998	0.240406945
CJ	CJ052813_121	CJ052813_121_30052013_141109.txt	1215573.068	2311171.583	5/30/2013	0	0.000480453	0.533302665	A	798.4	37.7	30-05-2013 14:11:09	0	0.002	2.220000029	0.240226418
CJ	CJ052813_122	CJ052813_122_30052013_141449.txt	1215764.691	2311177.611	5/30/2013	0	0.000720357	0	A	798.3	37.8	30-05-2013 14:14:49	0	0.003	-0.181999996	0.240119085
CJ	CJ052813_123	CJ052813_123_30052013_141825.txt	1215950.165	2311164.306	5/30/2013	0	0.003603591	0.259218305	A	798.7	37.8	30-05-2013 14:18:25	0	0.015	1.078999996	0.240239397
CJ	CJ052813_124	CJ052813_124_30052013_142209.txt	1215946.988	2310948.92	5/30/2013	0	0.0009618	0.028613545	A	799.4	37.8	30-05-2013 14:22:09	0	0.004	0.119000003	0.24044995
CJ	CJ052813_125	CJ052813_125_30052013_142926.txt	1216186.717	2310942.196	5/30/2013	0	0.000962453	0.101298161	A	800.2	37.9	30-05-2013 14:29:26	0	0.004	0.421000004	0.240613207
CJ	CJ052813_126	CJ052813_126_30052013_143929.txt	1216183.235	2311187.439	5/30/2013	0	0.000962058	0.076002553	A	800.9	38.3	30-05-2013 14:39:29	0	0.004	0.316000015	0.240514398
CJ	CJ052813_127	CJ052813_127_30052013_144807.txt	1215545.007	2311354.709	5/30/2013	0	0.000960684	0.012248725	A	799.5	38.2	30-05-2013 14:48:07	0	0.004	0.050999999	0.240171075
CJ	CJ052813_128	CJ052813_128_30052013_145226.txt	1215556.202	2311560.423	5/30/2013	0	0.000479321	0.021569436	A	797.8	38.2	30-05-2013 14:52:26	0	0.002	0.090000004	0.239660397
CJ	CJ052813_129	CJ052813_129_30052013_145758.txt	1215661.788	2311752.117	5/30/2013	0	0.00095732	0.110570438	A	796.7	38.2	30-05-2013 14:57:58	0	0.004	0.462000012	0.239329949
CJ	CJ052813_13	CJ052813_13_28052013_101822.txt	1214746.996	2309757.087	5/28/2013	0.407307714	0.000724317	3.885720253	A	798.3	36.1	28-05-2013 10:18:22	1.687000036	0.003	16.09399986	0.241439059
CJ	CJ052813_130	CJ052813_130_30052013_150125.txt	1215737.374	2311723.072	5/30/2013	0	0.000477218	0	A	794.3	38.2	30-05-2013 15:01:25	0	0.002	-0.240999997	0.238608986
CJ	CJ052813_131	CJ052813_131_30052013_150636.txt	1215736.699	2311553.475	5/30/2013	0	0.000715687	0.03960136	A	794.4	38.3	30-05-2013 15:06:36	0	0.003	0.165999994	0.238562405
CJ	CJ052813_132	CJ052813_132_30052013_151151.txt	1215752.987	2311366.841	5/30/2013	0	0.000716178	0	A	795.2	38.4	30-05-2013 15:11:51	0	0.003	-0.321000001	0.238726005
CJ	CJ052813_133	CJ052813_133_30052013_151545.txt	1215949.163	2311357.468	5/30/2013	0	0	0.300107628	A	796.8	38.5	30-05-2013 15:15:45	0	0	1.254999995	0.239129588
CJ	CJ052813_134	CJ052813_134_30052013_152131.txt	1216129.263	2311585.232	5/30/2013	0	0.000478046	0.132179648	A	796.7	38.6	30-05-2013 15:21:31	0	0.002	0.552999973	0.239022881
CJ	CJ052813_135	CJ052813_135_30052013_152606.txt	1215943.5	2311541.65	5/30/2013	0	0.00119135	0	A	794.7	38.8	30-05-2013 15:26:06	0	0.005	-0.152999997	0.238269985
CJ	CJ052813_136	CJ052813_136_30052013_153039.txt	1215978.63	2311765.26	5/30/2013	0	0.001427266	0.046861887	A	793.9	39.0	30-05-2013 15:30:39	0	0.006	0.196999997	0.237877607
C																

APPENDIX B - FLUX METER DATA

AreaAbbrev	SitePt	Filename	Northing	Easting	Date	CH <sub>4</sub> flux	H <sub>2</sub> S flux	CO <sub>2</sub> flux	ACCUMULATION CHAMBER	PRESSURE Hpa	TEMP DegC	TIME	CH <sub>4</sub> slope	H <sub>2</sub> S slope	CO <sub>2</sub> slope	AcK
CJ	CJ052813_141	CJ052813_141_30052013_155310.txt	1216536.558	2312177.112	5/30/2013	0	0.001418691	0.105456024	A	790.9	39.7	30-05-2013 15:53:10	0	0.006	0.44600001	0.236448482
CJ	CJ052813_142	CJ052813_142_30052013_155931.txt	1216388.891	2311999.063	5/30/2013	0	0.001182392	0.039255407	A	791.0	39.7	30-05-2013 15:59:31	0	0.005	0.165999994	0.236478373
CJ	CJ052813_143	CJ052813_143_30052013_160631.txt	1216310.271	2311794.674	5/30/2013	0	0.002366578	0.1512243	A	791.6	39.7	30-05-2013 16:06:31	0	0.01	0.638999999	0.236657754
CJ	CJ052813_144	CJ052813_144_30052013_161125.txt	1216144.445	2311748.815	5/30/2013	0	0.001185381	0.243240282	A	793.0	39.7	30-05-2013 16:11:25	0	0.005	1.026000023	0.237076297
CJ	CJ052813_145	CJ052813_145_30052013_162212.txt	1216177.625	2311334.765	5/30/2013	0	0.001422566	0.467313021	A	792.3	39.4	30-05-2013 16:22:12	0	0.006	1.970999956	0.237094387
CJ	CJ052813_146	CJ052813_146_31052013_144507.txt	1216758.153	2312367.679	5/31/2013	0	0.000249058	0	A	794.2	25.1	31-05-2013 14:45:07	0	0.001	-0.174999997	0.249058023
CJ	CJ052813_147	CJ052813_147_31052013_144919.txt	1216749.595	2312156.756	5/31/2013	0	0	1.002794862	A	794.2	27.0	31-05-2013 14:49:19	0	-0.001	4.052000046	0.24748145
CJ	CJ052813_148	CJ052813_148_31052013_145414.txt	1216955.108	2312204.302	5/31/2013	0	0.0017221	0.060765512	A	793.7	28.6	31-05-2013 14:54:14	0	0.007	0.246999994	0.246014223
CJ	CJ052813_149	CJ052813_149_31052013_145835.txt	1216952.352	2312369.178	5/31/2013	0	0.000735525	0.036040716	A	794.4	29.9	31-05-2013 14:58:35	0	0.003	0.147	0.245174929
CJ	CJ052813_15	CJ052813_15_28052013_103441.txt	1214545.779	2309572.964	5/28/2013	0	0.000240213	0.309394032	A	796.3	36.9	28-05-2013 10:34:41	0	0.001	1.287999988	0.240212768
CJ	CJ052813_150	CJ052813_150_31052013_150153.txt	1216941.66	2312562.54	5/31/2013	0	0.00122157	0.077691831	A	793.7	30.7	31-05-2013 15:01:53	0	0.005	0.317999989	0.24431394
CJ	CJ052813_151	CJ052813_151_31052013_150555.txt	1217147.366	2312725.982	5/31/2013	0	0.000974444	0	A	793.5	31.5	31-05-2013 15:05:55	0	0.004	-0.066	0.243610978
CJ	CJ052813_152	CJ052813_152_31052013_151128.txt	1217155.356	2312543.393	5/31/2013	0	0.001698627	0.004610558	A	793.0	32.5	31-05-2013 15:11:28	0	0.007	0.018999999	0.242660955
CJ	CJ052813_153	CJ052813_153_31052013_151657.txt	1217346.293	2312566.89	5/31/2013	0	0.000484202	0.155428886	A	793.5	33.4	31-05-2013 15:16:57	0	0.002	0.64200002	0.242101073
CJ	CJ052813_154	CJ052813_154_31052013_151711.txt	1217347.281	2312567.239	5/31/2013	0	0.000484202	0.155428886	A	793.5	33.4	31-05-2013 15:17:11	0	0.002	0.64200002	0.242101073
CJ	CJ052813_155	CJ052813_155_31052013_152243.txt	1217357.264	2312758.655	5/31/2013	0	0.000724595	0	A	793.7	34.2	31-05-2013 15:22:43	0	0.003	-0.050999999	0.241531774
CJ	CJ052813_156	CJ052813_156_31052013_152655.txt	1217544.671	2312953.889	5/31/2013	0	0.000722455	0.056351461	A	792.9	34.8	31-05-2013 15:26:55	0	0.003	0.233999997	0.240818202
CJ	CJ052813_157	CJ052813_157_31052013_153214.txt	1217748.434	2313164.689	5/31/2013	0	0.00072118	0.041828424	A	793.3	35.5	31-05-2013 15:32:14	0	0.003	0.173999995	0.240393251
CJ	CJ052813_158	CJ052813_158_31052013_153618.txt	1217978.214	2313218.159	5/31/2013	0	0.000719378	0.025178231	A	792.6	36.0	31-05-2013 15:36:18	0	0.003	0.104999997	0.23979269
CJ	CJ052813_159	CJ052813_159_31052013_154236.txt	1217985.381	2313019.915	5/31/2013	0	0.001436897	0.3623375	A	792.6	36.4	31-05-2013 15:42:36	0	0.006	1.513000011	0.23948282
CJ	CJ052813_16	CJ052813_16_28052013_104100.txt	1214342.217	2309569.177	5/28/2013	0	0.000477845	0.110143267	A	793.3	37.4	28-05-2013 10:41:00	0	0.002	0.460999995	0.238922492
CJ	CJ052813_160	CJ052813_160_31052013_154635.txt	1218007.28	2312793.35	5/31/2013	0	0.000717753	0.733782649	A	792.6	36.7	31-05-2013 15:46:35	0	0.003	3.066999912	0.239250958
CJ	CJ052813_161	CJ052813_161_31052013_155124.txt	1217735.723	2312974.562	5/31/2013	0	0.001195399	0.010519513	A	792.8	37.0	31-05-2013 15:51:24	0	0.005	0.044	0.239079848
CJ	CJ052813_162	CJ052813_162_31052013_155543.txt	1217755.313	2312752.886	5/31/2013	0	0.001194244	0.259867519	A	792.8	37.3	31-05-2013 15:55:43	0	0.005	1.088000059	0.23884882
CJ	CJ052813_163	CJ052813_163_31052013_160203.txt	1218027.865	2312504.075	5/31/2013	0	0.002385851	0.221884117	A	793.2	37.8	31-05-2013 16:02:03	0	0.01	0.930000007	0.23858507
CJ	CJ052813_164	CJ052813_164_31052013_160919.txt	1217748.557	2312495.185	5/31/2013	0	0.001434438	0.192453712	A	796.1	38.3	31-05-2013 16:09:19	0	0.006	0.805000007	0.239072934
CJ	CJ052813_165	CJ052813_165_31052013_162115.txt	1217556.386	2312518.993	5/31/2013	0	0.001432678	0.096705772	A	796.4	38.8	31-05-2013 16:21:15	0	0.006	0.405000001	0.238779679
CJ	CJ052813_166	CJ052813_166_31052013_162951.txt	1217539.78	2312760.197	5/31/2013	0	0.001665526	0.043779541	A	795.1	39.4	31-05-2013 16:29:51	0	0.007	0.184	0.23793228
CJ	CJ052813_167	CJ052813_167_31052013_164338.txt	1217149.905	2312395.458	5/31/2013	0	0.002133292	0.050487917	A	792.6	39.6	31-05-2013 16:43:38	0	0.009	0.213	0.237032473
CJ	CJ052813_168	CJ052813_168_31052013_164939.txt	1217365.639	2312384.695	5/31/2013	0	0.001190029	0.165176004	A	795.6	39.5	31-05-2013 16:49:39	0	0.005	0.694000006	0.238005757
CJ	CJ052813_169	CJ052813_169_31052013_170109.txt	1217520.864	2312371.801	5/31/2013	0	0.000714115	0.048083752	A	795.2	39.3	31-05-2013 17:01:09	0	0.003	0.202000007	0.238038361
CJ	CJ052813_17	CJ052813_17_28052013_104822.txt	1214351.447	2309358.587	5/28/2013	0	0.000476175	0.030237101	A	791.8	37.9	28-05-2013 10:48:22	0	0.002	0.127000004	0.238087401
CJ	CJ052813_170	CJ052813_170_31052013_171159.txt	1217356.074	2312122.028	5/31/2013	0	0.001671529	0.022446251	A	797.2	39.1	31-05-2013 17:11:59	0	0.007	0.093999997	0.238789901
CJ	CJ052813_171	CJ052813_171_31052013_171821.txt	1217151.421	2311928.675	5/31/2013	0	0.000956318	0	A	797.4	38.8	31-05-2013 17:18:21	0	0.004	-0.017000001	0.239079505
CJ	CJ052813_172	CJ052813_172_31052013_172655.txt	1217067.913	2312065.443	5/31/2013	117.5924377	0.063456818	0.491131902	A	797.9	38.5	31-05-2013 17:26:55	491.0740051	0.264999986	2.051000118	0.239459708
CJ	CJ052813_173	CJ052813_173_31052013_173531.txt	1217174.963	2312161.989	5/31/2013	0	0	0.156458303	A	797.4	38.6	31-05-2013 17:35:31	0	-0.004	0.653999984	0.239232883
CJ	CJ052813_174	CJ052813_174_31052013_174233.txt	1216956.489	2311980.347	5/31/2013	5.306138039	0.003109158	0.29321754	A	798.2	39.0	31-05-2013 17:42:33	22.18600082	0.013	1.225999951	0.239166036
CJ	CJ052813_175	CJ052813_175_31052013_174930.txt	1217092.56	2311819.278	5/31/2013	0	0.000956291	0.018886751	A	798.4	39.2	31-05-2013 17:49:30	0	0.004	0.079000004	0.239072785
CJ	CJ052813_176	CJ052813_176_31052013_175732.txt	1216900.221	2311801.876	5/31/2013	0	0.001672997	0.006930987	A	797.9	39.1	31-05-2013 17:57:32	0	0.007	0.028999999	0.238999575
CJ	CJ052813_177	CJ052813_177_31052013_180245.txt	1216751.887	2311731.8	5/31/2013	0	0.003587291	0.017458152	A	797.9	38.9	31-05-2013 18:02:45	0	0.015	0.072999999	0.239152759
CJ	CJ052813_178	CJ052813_178_31052013_180941.txt	1216742.094	2311929.088	5/31/2013	0	0.001202336	0	A	801.0	38.4	31-05-2013 18:09:41	0	0.005	-0.226999998	0.240467221
CJ	CJ052813_179	CJ052813_179_31052013_181526.txt	1216551.031	2311970.787	5/31/2013	0	0.001198002	0.007188009	A	797.6	38.2	31-05-2013 18:15:26	0	0.005	0.029999999	0.239600316
CJ	CJ052813_18	CJ052813_18_28052013_105841.txt	1214546.479	2309367.625	5/28/2013	0	0.000710864	0.509689748	A	789.3	38.4	28-05-2013 10:58:41	0	0.003	2.151000023	0.236954778
CJ	CJ052813_180	CJ052813_180_31052013_182410.txt	1216573.92	2311732.578	5/31/2013	0.561958373	0.000239437	1.076268792	A	796.8	38.1	31-05-2013 18:24:10	2.346999884	0.001	4.494999886	0.239436895
CJ	CJ052813_181	CJ052813_181_31052013_183005.txt	1216715.635	2311595.855	5/31/2013	0	0.001444271	0.004092101	A	801.3	38.2	31-05-2013 18:30:05	0	0.006	0.017000001	0.240711808
CJ	CJ052813_182	CJ052813_182_31052013_183601.txt	1216485.561	2311541.351	5/31/2013	0	0.00168312	0.109883673	A	799.9	38.0	31-05-2013 18:36:01	0	0.007	0.456999987	0.240445688
CJ	CJ052813_183	CJ052813_183_31052013_184023.txt	1216371.634	2311529.496	5/31/2013	0	0.001205859	0.016158514	A	801.8	37.8	31-05-2013 18:40:23	0	0.005	0.067000002	0.241171837
CJ	CJ052813_184	CJ052813_184_31052013_184536.txt	1216351.224	2311367	5/31/2013	0	0.001205669	0.102964118	A	800.9	37.5	31-05-2013 18:45:36	0	0.005	0.426999986	0.241133779
CJ	CJ052813_19	CJ052813_19_28052013_110556.txt	1214654.682	2309350.564	5/28/2013	1.289700747	0.001188445	11.72686481	A	792.0	38.5	28-05-2013 11:05:56	5.426000118	0.005	49.3370018	0.237689048
CJ	CJ052813_20	CJ052813_20_28052013_111744.txt	1214758.568	2309550.299	5/28/2013	0.652546346	0.000952622	0.566810369	A	793.3	38.4	28-05-2013 11:17:44	2.740000001	0.004	2.380000114	0.238155603
CJ	CJ052813_21	CJ052813_21_28052013_112233.txt	1214741.076	2309378.314	5/28/2013	0	0.000716758	0	A	796.1	38.5	28-05-2013 11:22:33	0	0.003	-0.147	0.238919497
CJ	CJ0528															



APPENDIX B - FLUX METER DATA

AreaAbbrev	SitePt	Filename	Northing	Easting	Date	CH <sub>4</sub> flux	H <sub>2</sub> S flux	CO <sub>2</sub> flux	ACCUMULATION CHAMBER	PRESSURE Hpa	TEMP DegC	TIME	CH <sub>4</sub> slope	H <sub>2</sub> S slope	CO <sub>2</sub> slope	AcK
CJ	CJ052813_28	CJ052813_28_28052013_123117.txt	1213962.488	2308573.032	5/28/2013	0	0.000704193	0.017370086	A	783.9	39.2	28-05-2013 12:31:17	0	0.003	0.074000001	0.234730899
CJ	CJ052813_29	CJ052813_29_28052013_124035.txt	1213947.23	2308364.582	5/28/2013	0	0.001168191	0.023130186	A	781.5	39.7	28-05-2013 12:40:35	0	0.005	0.098999999	0.233638242
CJ	CJ052813_30	CJ052813_30_28052013_125000.txt	1213948.516	2308170.306	5/28/2013	0	0.00093336	0.135337144	A	781.5	40.1	28-05-2013 12:50:00	-0.013	0.004	0.579999983	0.233339906
CJ	CJ052813_31	CJ052813_31_28052013_130220.txt	1214117.317	2307945.1	5/28/2013	0	0.001164984	0.073160999	A	780.6	40.2	28-05-2013 13:02:20	0	0.005	0.31400001	0.232996807
CJ	CJ052813_32	CJ052813_32_28052013_131401.txt	1214174.264	2307750.253	5/28/2013	0	0.000699615	0.224343166	A	780.3	39.8	28-05-2013 13:14:01	0	0.003	0.962000012	0.233204946
CJ	CJ052813_33	CJ052813_33_28052013_131941.txt	1214359.292	2307780.014	5/28/2013	0	0.000698178	0	A	778.2	39.6	28-05-2013 13:19:41	0	0.003	-0.002	0.232726067
CJ	CJ052813_34	CJ052813_34_28052013_132715.txt	1214560.064	2307750.478	5/28/2013	0	0.001162806	0.005348907	A	777.4	39.5	28-05-2013 13:27:15	0	0.005	0.023	0.232561171
CJ	CJ052813_35	CJ052813_35_28052013_134003.txt	1214551.02	2308014.566	5/28/2013	0	0.001162648	0.035344496	A	776.3	39.1	28-05-2013 13:40:03	0	0.005	0.151999995	0.232529595
CJ	CJ052813_36	CJ052813_36_28052013_134536.txt	1214362.434	2307961.076	5/28/2013	0	0.000934791	0.017527329	A	779.7	38.9	28-05-2013 13:45:36	0	0.004	0.075000003	0.233697712
CJ	CJ052813_37	CJ052813_37_28052013_135218.txt	1214355.437	2308181.947	5/28/2013	0	0.000936889	0.029277796	A	781.2	38.8	28-05-2013 13:52:18	0	0.004	0.125	0.234222367
CJ	CJ052813_38	CJ052813_38_28052013_135828.txt	1214171.228	2308180.689	5/28/2013	0	0.000234627	0.116609812	A	782.3	38.7	28-05-2013 13:58:28	0	0.001	0.497000009	0.234627381
CJ	CJ052813_39	CJ052813_39_28052013_140434.txt	1214167.579	2308364.769	5/28/2013	0	0.000939411	0.784173012	A	782.8	38.6	28-05-2013 14:04:34	0	0.004	3.338999987	0.234852657
CJ	CJ052813_40	CJ052813_40_28052013_141204.txt	1214382.384	2308337.087	5/28/2013	0	0.001177269	0.081231534	A	784.3	38.4	28-05-2013 14:12:04	0	0.005	0.344999999	0.235453725
CJ	CJ052813_41	CJ052813_41_28052013_142332.txt	1214387.497	2308607.114	5/28/2013	0	0.000707132	0.157454759	A	784.4	38.1	28-05-2013 14:23:32	0	0.003	0.667999983	0.235710725
CJ	CJ052813_42	CJ052813_42_28052013_143432.txt	1214145.753	2308566.486	5/28/2013	0	0	0.002364478	A	786.6	38.0	28-05-2013 14:34:32	0	-0.001	0.01	0.236447781
CJ	CJ052813_43	CJ052813_43_28052013_144206.txt	1214355.445	2308804.872	5/28/2013	0	0.000706277	0.193755403	A	783.2	38.0	28-05-2013 14:42:06	0	0.003	0.823000014	0.235425755
CJ	CJ052813_44	CJ052813_44_28052013_144808.txt	1214361.477	2308958.244	5/28/2013	0	0.000473048	0.096265189	A	786.6	37.9	28-05-2013 14:48:08	0	0.002	0.407000005	0.236523807
CJ	CJ052813_45	CJ052813_45_28052013_145822.txt	1214654.333	2308940.509	5/28/2013	0	0.00141617	0.285122275	A	784.7	37.8	28-05-2013 14:58:22	0	0.006	1.207999945	0.236028373
CJ	CJ052813_46	CJ052813_46_28052013_150210.txt	1214748.303	2308972.877	5/28/2013	0	0.000948204	0	A	788.1	37.8	28-05-2013 15:02:10	0	0.004	-0.015	0.23705104
CJ	CJ052813_47	CJ052813_47_29052013_102523.txt	1214637.58	2308826.841	5/29/2013	0	0	0.107039906	A	787.1	27.4	29-05-2013 10:25:23	0	0	0.437000006	0.244942576
CJ	CJ052813_48	CJ052813_48_29052013_103843.txt	1214739.823	2308754.801	5/29/2013	0	0.000242392	0.068112038	A	785.9	30.1	29-05-2013 10:38:43	-0.140000001	0.001	0.280999988	0.242391616
CJ	CJ052813_49	CJ052813_49_29052013_104711.txt	1214735.383	2308563.885	5/29/2013	0	0.005297303	0	A	784.3	31.5	29-05-2013 10:47:11	0	0.022	-0.578000009	0.240786508
CJ	CJ052813_50	CJ052813_50_29052013_105808.txt	1214587.17	2308601.586	5/29/2013	0	0.00071929	0.139542297	A	784.3	32.8	29-05-2013 10:58:08	-2.15199995	0.003	0.582000017	0.239763394
CJ	CJ052813_51	CJ052813_51_29052013_110526.txt	1214588.055	2308372.028	5/29/2013	0	0.002152945	0.066262856	A	784.3	33.5	29-05-2013 11:05:26	0	0.009	0.277000001	0.239216074
CJ	CJ052813_52	CJ052813_52_29052013_111319.txt	1214752.967	2308370.121	5/29/2013	0	0.000715475	0.050798733	A	783.2	34.0	29-05-2013 11:13:19	0	0.003	0.213	0.238491699
CJ	CJ052813_53	CJ052813_53_29052013_111855.txt	1214951.002	2308354.008	5/29/2013	0	0.001666729	1.054324985	A	783.2	34.5	29-05-2013 11:18:55	0	0.007	4.427999973	0.238104105
CJ	CJ052813_54	CJ052813_54_29052013_112449.txt	1214964.209	2308171.317	5/29/2013	0	0.001188519	0.061327584	A	782.9	34.9	29-05-2013 11:24:49	-0.050999999	0.005	0.257999986	0.23770383
CJ	CJ052813_55	CJ052813_55_29052013_113219.txt	1214752.157	2308140.116	5/29/2013		0.001656987	0.094448239	A	780.9	35.4	29-05-2013 11:32:19		0.007	0.398999989	0.236712381
CJ	CJ052813_56	CJ052813_56_29052013_115004.txt	1214567.639	2308174.635	5/29/2013	0	0.000709538	0.047066033	A	781.0	35.7	29-05-2013 11:50:04	0	0.003	0.199000001	0.236512735
CJ	CJ052813_57	CJ052813_57_29052013_120928.txt	1214761.215	2307566.275	5/29/2013	0	0.001888445	1.506742835	A	780.5	36.1	29-05-2013 12:09:28	0	0.008	6.382999897	0.236055598
CJ	CJ052813_58	CJ052813_58_29052013_122942.txt	1214549.311	2307545.621	5/29/2013	0	0.000708167	0.09229774	A	780.5	36.1	29-05-2013 12:29:42	0	0.003	0.391000003	0.236055598
CJ	CJ052813_59	CJ052813_59_29052013_123926.txt	1214733.607	2307366.566	5/29/2013	0	0.000708167	0.01770417	A	780.5	36.1	29-05-2013 12:39:26	0	0.003	0.075000003	0.236055598
CJ	CJ052813_60	CJ052813_60_29052013_124534.txt	1214756.499	2307161.794	5/29/2013	0	0.000466183	0.291131496	A	770.7	36.1	29-05-2013 12:45:34	0	0.002	1.248999953	0.233091667
CJ	CJ052813_61	CJ052813_61_29052013_125333.txt	1214922.536	2307141.943	5/29/2013	0	0.000465186	0	A	769.3	36.2	29-05-2013 12:53:33	0	0.002	-0.067000002	0.232593045
CJ	CJ052813_62	CJ052813_62_29052013_125859.txt	1214896.56	2307231.018	5/29/2013	7.381280422	0.000232518	2.5923419	A	769.3	36.3	29-05-2013 12:58:59	31.74500084	0.001	11.149000017	0.232517883
CJ	CJ052813_63	CJ052813_63_29052013_130620.txt	1215151.46	2306985.366	5/29/2013	0	0.000464917	0	A	769.6	36.5	29-05-2013 13:06:20	0	0.002	-0.259000003	0.232458308
CJ	CJ052813_64	CJ052813_64_29052013_131706.txt	1215370.636	2306992.608	5/29/2013	0	0.00023163	11.89882278	A	767.6	36.8	29-05-2013 13:17:06	0	0.001	51.36999893	0.231629804
CJ	CJ052813_65	CJ052813_65_29052013_133452.txt	1215543.597	2306951.09	5/29/2013	0.341584295	0.000232055	0	A	770.0	37.2	29-05-2013 13:34:52	1.472000003	0.001	-0.774999976	0.232054546
CJ	CJ052813_66	CJ052813_66_29052013_134845.txt	1215497.607	2307116.117	5/29/2013	0	0.00046667	0.008166732	A	774.0	37.1	29-05-2013 13:48:45	0	0.002	0.035	0.233335212
CJ	CJ052813_67	CJ052813_67_29052013_140745.txt	1215347.624	2307147.706	5/29/2013	0	0.000700503	0	A	774.3	37.0	29-05-2013 14:07:45	0	0.003	-0.054000001	0.233500913
CJ	CJ052813_68	CJ052813_68_29052013_141620.txt	1215149.646	2307203.828	5/29/2013	0	0.000232522	5.946287155	A	771.8	37.3	29-05-2013 14:16:20	0	0.001	25.57299995	0.232522085
CJ	CJ052813_69	CJ052813_69_29052013_142446.txt	1215150.702	2307394.448	5/29/2013	0	0.000232372	0.470786452	A	771.8	37.5	29-05-2013 14:24:46	-6.256999969	0.001	2.026000023	0.232372388
CJ	CJ052813_70	CJ052813_70_29052013_143143.txt	1215351.55	2307373.021	5/29/2013	0	0.000232825	0.00698474	A	773.8	37.7	29-05-2013 14:31:43	0	0.001	0.029999999	0.232824653
CJ	CJ052813_71	CJ052813_71_29052013_143803.txt	1215342.258	2307571.89	5/29/2013	0	0.004415976	0.077860638	A	773.2	38.0	29-05-2013 14:38:03	0	0.018999999	0.335000008	0.232419819
CJ	CJ052813_72	CJ052813_72_29052013_144333.txt	1215138.733	2307574.776	5/29/2013	0	0.002557789	1.621870756	A	774.3	38.3	29-05-2013 14:43:33	0	0.011	6.974999905	0.232526273
CJ	CJ052813_73	CJ052813_73_29052013_145436.txt	1214930.217	2307578.411	5/29/2013	0	0.000928668	0	A	773.6	38.5	29-05-2013 14:54:36	0	0.004	-1.616999984	0.232166976
CJ	CJ052813_74	CJ052813_74_29052013_151411.txt	1214933.601	2307379.211	5/29/2013	0	0.00116009	0.119953357	A	773.6	38.7	29-05-2013 15:14:11	0	0.005	0.517000002	0.232018083
CJ	CJ052813_75	CJ052813_75_29052013_153718.txt	1214749.499	2307799.395	5/29/2013	0	0.000698293	0.009543344	A	773.6	37.7	29-05-2013 15:37:18	0	0.003	0.041000001	0.232764482
CJ	CJ052813_76	CJ052813_76_29052013_154743.txt	1214983.438	2307756.906	5/29/2013	0	0.000700369	0.135404631	A	775.4	37.5	29-05-2013 15:47:43	0	0.003	0.579999983	0.233456269
CJ	CJ052813_77	CJ052813_77_29052013_155621.txt	1215172.381	2307761.983	5/29/2013	0	0.00070204	0.015444872	A	777.5	37.6	29-05-2013 15:56:21	0	0.003	0.066	0.234013215
CJ	CJ052813_78	CJ052813_78_29052013_160440.txt	1214943.51	2307966.266	5/29/2013	0	0.000700956	0	A	776.8	37.8	29-05-2013 16:04:40	0	0.003	-0.160999998	0.233652145
CJ	CJ052813_79	CJ052813_79_29052013_161310.txt	1214714.273	2307985.133	5/29/2013	0	0.000702625	0.00304471	A	778.9	37.9</					

APPENDIX B - FLUX METER DATA

AreaAbbrev	SitePt	Filename	Northing	Easting	Date	CH <sub>4</sub> flux	H <sub>2</sub> S flux	CO <sub>2</sub> flux	ACCUMULATION CHAMBER	PRESSURE Hpa	TEMP DegC	TIME	CH <sub>4</sub> slope	H <sub>2</sub> S slope	CO <sub>2</sub> slope	AcK
CJ	CJ052813_85	CJ052813_85_30052013_102715.txt	1214532.616	2310343.574	5/30/2013	0	0	0.172342613	A	802.1	33.3	30-05-2013 10:27:15	0	-0.004	0.703999996	0.244804844
CJ	CJ052813_86	CJ052813_86_30052013_103240.txt	1214391.019	2310331.93	5/30/2013	2.573126316	0	0.090405166	A	802.4	34.0	30-05-2013 10:32:40	10.53100014	-0.004	0.370000005	0.244338274
CJ	CJ052813_87	CJ052813_87_30052013_103719.txt	1214146.692	2310342.224	5/30/2013	0	0	0.270355016	A	802.4	34.7	30-05-2013 10:37:19	0	-0.007	1.108999968	0.243782699
CJ	CJ052813_88	CJ052813_88_30052013_105753.txt	1215344.091	2310580.87	5/30/2013	0	0	0.007030872	A	802.4	36.4	30-05-2013 10:57:53	0	-0.001	0.028999999	0.242443874
CJ	CJ052813_89	CJ052813_89_30052013_110150.txt	1215158.29	2310590.48	5/30/2013	0	0.001455859	0.157960668	A	802.8	36.3	30-05-2013 11:01:50	0	0.006	0.651000023	0.242643118
CJ	CJ052813_90	CJ052813_90_30052013_110700.txt	1214945.795	2310571.709	5/30/2013	0	0.000485443	0.553162456	A	802.8	36.2	30-05-2013 11:07:00	0	0.002	2.279000044	0.242721558
CJ	CJ052813_91	CJ052813_91_30052013_111115.txt	1214730.119	2310535	5/30/2013	0	0.00024274	0.036410935	A	802.6	36.1	30-05-2013 11:11:15	0	0.001	0.150000006	0.242739558
CJ	CJ052813_92	CJ052813_92_30052013_111606.txt	1214515.328	2310528.885	5/30/2013	0	0	0.19272092	A	802.8	36.2	30-05-2013 11:16:06	0	0	0.79400003	0.242721558
CJ	CJ052813_93	CJ052813_93_30052013_112028.txt	1214353.145	2310565.57	5/30/2013	0	0.000242517	0.057961468	A	802.9	36.5	30-05-2013 11:20:28	0	0.001	0.238999993	0.242516607
CJ	CJ052813_94	CJ052813_94_30052013_112447.txt	1214151.338	2310604.022	5/30/2013	0	0.000484443	0.014048847	A	802.7	36.8	30-05-2013 11:24:47	0	0.002	0.057999998	0.242221519
CJ	CJ052813_95	CJ052813_95_30052013_113050.txt	1214146.76	2310764.391	5/30/2013	0	0.000483251	0.02657881	A	801.5	37.1	30-05-2013 11:30:50	0	0.002	0.109999999	0.241625547
CJ	CJ052813_96	CJ052813_96_30052013_113908.txt	1214366.468	2310765.993	5/30/2013	0	0.000241452	0.058190018	A	801.7	37.4	30-05-2013 11:39:08	0	0.001	0.240999997	0.241452366
CJ	CJ052813_97	CJ052813_97_30052013_114400.txt	1214548.422	2310770.595	5/30/2013	0	0.000482474	0.006272156	A	801.5	37.6	30-05-2013 11:44:00	0	0.002	0.026000001	0.241236761
CJ	CJ052813_98	CJ052813_98_30052013_114843.txt	1214754.229	2310764.571	5/30/2013	0	0.000964326	0.007955693	A	801.5	37.8	30-05-2013 11:48:43	0	0.004	0.033	0.24108161
CJ	CJ052813_99	CJ052813_99_30052013_115441.txt	1214994.01	2310726.864	5/30/2013	0	0.000481853	0	A	801.5	38.0	30-05-2013 11:54:41	0	0.002	-0.063000001	0.240926638
CJ	CJ061313_01	CJ061313_01_13062013_093118.txt	1214930.333	2309739.368	6/13/2013	0	0.001026115	0.552049637	A	807.6	21.3	13-06-2013 09:31:18	0	0.004	2.15199995	0.256528646
CJ	CJ061313_02	CJ061313_02_13062013_093516.txt	1214890.283	2309561.676	6/13/2013	0	0.002804827	0.181548789	A	807.1	22.9	13-06-2013 09:35:16	0	0.011	0.712000012	0.25498426
CJ	CJ061313_03	CJ061313_03_13062013_093831.txt	1214849.641	2309395.284	6/13/2013	0	0.000759399	3.457038164	A	805.3	24.4	13-06-2013 09:38:31	0	0.003	13.65699959	0.253133059
CJ	CJ061313_04	CJ061313_04_13062013_101522.txt	1215800.387	2306760.478	6/13/2013	0	0	0	A	791.0	29.6	13-06-2013 10:15:22	0	0	-0.138999999	0.244367495
CJ	CJ061313_05	CJ061313_05_13062013_102039.txt	1215732.719	2306960.762	6/13/2013	0	0.001214861	0.077994101	A	790.9	31.3	13-06-2013 10:20:39	0	0.005	0.32100001	0.24297227
CJ	CJ061313_06	CJ061313_06_13062013_102535.txt	1215716.986	2307141.389	6/13/2013	0	0.005566422	0.370288044	A	790.9	32.5	13-06-2013 10:25:35	0	0.023	1.529999971	0.242018342
FED	FED060313_01	FED060313_1_03062013_110129.txt	1219715.296	2319933.137	6/3/2013	0	0.000242725	0.810944319	A	787.5	30.3	03-06-2013 11:01:29	0	0.001	3.34100008	0.242725015
FED	FED060313_02	FED060313_2_03062013_110447.txt	1219718.749	2319983.65	6/3/2013	0	0.000241769	0	A	787.5	31.5	03-06-2013 11:04:47	0	0.001	-0.046	0.241768926
FED	FED060313_03	FED060313_3_03062013_110753.txt	1219718.636	2320039.922	6/3/2013	0.010360735	0.000722842	0.108426295	A	787.4	32.5	03-06-2013 11:07:53	0.043000001	0.003	0.449999988	0.240947336
FED	FED060313_04	FED060313_4_03062013_111104.txt	1219716.528	2320081.455	6/3/2013	0	0.000240131	0.016809177	A	787.3	33.5	03-06-2013 11:11:04	0	0.001	0.07	0.240131095
FED	FED060313_05	FED060313_5_03062013_111409.txt	1219720.104	2320138.121	6/3/2013	0	0	0.039308961	A	787.9	34.3	03-06-2013 11:14:09	0	0	0.164000005	0.239688784
FED	FED060313_06	FED060313_6_03062013_111720.txt	1219776.155	2320133.154	6/3/2013	0	0	0.46094805	A	788.1	35.0	03-06-2013 11:17:20	0	0	1.927000046	0.239205003
FED	FED060313_07	FED060313_7_03062013_112024.txt	1219769.325	2320082.485	6/3/2013	0	0.000238481	0.047934711	A	787.5	35.7	03-06-2013 11:20:24	0	0.001	0.201000005	0.238481149
FED	FED060313_08	FED060313_8_03062013_112315.txt	1219770.053	2320034.78	6/3/2013	0	0	0.002856423	A	787.3	36.2	03-06-2013 11:23:15	0	-0.001	0.012	0.238035232
FED	FED060313_09	FED060313_9_03062013_112634.txt	1219778.939	2319987.225	6/3/2013	0	0.001425447	0.086477093	A	787.3	36.8	03-06-2013 11:26:34	0	0.006	0.363999993	0.237574443
FED	FED060313_10	FED060313_10_03062013_112916.txt	1219775.049	2319939.325	6/3/2013	0	0.000711666	0.062152147	A	787.4	37.3	03-06-2013 11:29:16	0	0.003	0.261999995	0.237221941
FED	FED060313_11	FED060313_11_03062013_113156.txt	1219824.236	2319934.132	6/3/2013	0	0.000947306	0.031971566	A	787.1	37.7	03-06-2013 11:31:56	0	0.004	0.135000005	0.23682642
FED	FED060313_12	FED060313_12_03062013_113445.txt	1219820.59	2319984.595	6/3/2013	0	0.000945848	0.015133566	A	786.9	38.1	03-06-2013 11:34:45	0	0.004	0.064000003	0.236461967
FED	FED060313_13	FED060313_13_03062013_113740.txt	1219826.503	2320035.186	6/3/2013	0	0.000236219	0.003543277	A	787.1	38.5	03-06-2013 11:37:40	0	0.001	0.015	0.236218497
FED	FED060313_14	FED060313_14_03062013_114043.txt	1219826.126	2320093.102	6/3/2013	0	0.000471831	0	A	787.1	38.9	03-06-2013 11:40:43	0	0.002	-0.097000003	0.235915691
FED	FED060313_15	FED060313_15_03062013_114359.txt	1219819.219	2320144.162	6/3/2013	0	0.000235703	0	A	787.4	39.3	03-06-2013 11:43:59	0	0.001	-0.224000007	0.235703483
FED	FED060313_16	FED060313_16_03062013_114737.txt	1219875.467	2320141.79	6/3/2013	0	0.001176413	0	A	787.0	39.7	03-06-2013 11:47:37	0	0.005	-0.141000003	0.235282525
FED	FED060313_17	FED060313_17_03062013_115022.txt	1219872.147	2320089.972	6/3/2013	0	0.000470114	0.006816657	A	787.0	40.0	03-06-2013 11:50:22	0	0.002	0.028999999	0.23505713
FED	FED060313_18	FED060313_18_03062013_115320.txt	1219870.931	2320034.499	6/3/2013	0	0.000469515	0	A	787.0	40.4	03-06-2013 11:53:20	0	0.002	-0.074000001	0.234757259
FED	FED060313_19	FED060313_19_03062013_115640.txt	1219870.674	2319989.837	6/3/2013	0	0.001172291	0.014770865	A	787.0	40.8	03-06-2013 11:56:40	0	0.005	0.063000001	0.234458163
FED	FED060313_20	FED060313_20_03062013_115956.txt	1219881.809	2319948.36	6/3/2013	0	0.00046826	0	A	786.9	41.2	03-06-2013 11:59:56	0	0.002	-0.116999999	0.23413007
FED	FED060313_21	FED060313_21_03062013_120259.txt	1219922.104	2319943.931	6/3/2013	0	0	0	A	786.9	41.6	03-06-2013 12:02:59	0	0	-0.097999997	0.233832523
FED	FED060313_22	FED060313_22_03062013_120543.txt	1219918.816	2319986.139	6/3/2013	0	0.000467368	0.03248208	A	786.9	41.8	03-06-2013 12:05:43	0	0.002	0.138999999	0.233684033
FED	FED060313_23	FED060313_23_03062013_120840.txt	1219926.907	2320038.565	6/3/2013	0	0.000933847	0	A	786.9	42.1	03-06-2013 12:08:40	0	0.004	-0.052000001	0.233461648
FED	FED060313_24	FED060313_24_03062013_121116.txt	1219920.698	2320087.339	6/3/2013	0	0.003033077	0.123189598	A	786.9	42.3	03-06-2013 12:11:16	0	0.013	0.527999997	0.233313635
FED	FED060313_25	FED060313_25_03062013_121407.txt	1219927.571	2320135.691	6/3/2013	0	0.003030385	0.074360989	A	786.7	42.5	03-06-2013 12:14:07	0	0.013	0.319000006	0.233106539
FR	FR061314_49	FR061314_49_17062013_102649.txt	1235344.367	2332197.593	6/17/2013	0	0	0.153848007	A	790.1	30.9	17-06-2013 10:26:49	-3.569000006	-0.005	0.633000016	0.243045822
FR	FR061314_50	FR061314_50_17062013_103244.txt	1235532.354	2332185.552	6/17/2013	0	0	0.128191784	A	790.1	31.8	17-06-2013 10:32:44	0	0	0.528999984	0.242328525
FR	FR061314_51	FR061314_51_17062013_103918.txt	1235761.248	2332262.803	6/17/2013	0	0.000241379	0.036448181	A	790.1	33.0	17-06-2013 10:39:18	0	0.001	0.150999993	0.24137868
FR	FR061314_52	FR061314_52_17062013_104436.txt	1235554.739	2332340.072	6/17/2013	3.68535614	0.000240684	0.85322541	A	790.4	34.0	17-06-2013 10:44:36	15.31200027	0.001	3.545000076	0.240684167
FR	FR061314_53	FR061314_53_17062013_104732.txt	1235575.837	2332347.802	6/17/2013	0	0.006007325	0.997215986	A	790.4	34.5	17-06-2013 10:47:32	0	0.025	4.150000095	0.240292996
FR	FR061314_54	FR061314_54_17062013_105105.txt	1235531.63	2332451.097	6/17/2013	0	0.001918117	0.418389231	A	790.2	35.1	17-06-2013 10:51:05	0	0.008	1.745000005	0.239764601
FR	FR061314_55	FR061314_55_17062013_105359.txt	1235559.367	2332460.04	6/17/2											

APPENDIX B - FLUX METER DATA

AreaAbbrev	SitePt	Filename	Northing	Easting	Date	CH <sub>4</sub> flux	H <sub>2</sub> S flux	CO <sub>2</sub> flux	ACCUMULATION CHAMBER	PRESSURE Hpa	TEMP DegC	TIME	CH <sub>4</sub> slope	H <sub>2</sub> S slope	CO <sub>2</sub> slope	AcK
FR	FR061314_60	FR061314_60_17062013_111859.txt	1234950.793	2332165.672	6/17/2013	0	0.003806816	0.162503451	A	790.5	37.6	17-06-2013 11:18:59	0	0.016000001	0.683000028	0.237925977
FR	FR061314_61	FR061314_61_17062013_112301.txt	1234952.488	2332348.352	6/17/2013	0	0.002139268	0.272637874	A	790.5	37.9	17-06-2013 11:23:01	0	0.009	1.146999955	0.237696499
FR	FR061314_62	FR061314_62_17062013_112829.txt	1234940.847	2332563.826	6/17/2013	0	0	0	A	790.5	38.2	17-06-2013 11:28:29	0	-0.002	-0.261000007	0.237467468
FR	FR061314_63	FR061314_63_17062013_113434.txt	1235324.725	2332571.431	6/17/2013	0	0.000948467	0.019680686	A	790.6	38.7	17-06-2013 11:34:34	0	0.004	0.082999997	0.237116709
FR	FR061314_64	FR061314_64_17062013_113839.txt	1235541.516	2332598.198	6/17/2013	0	0.001658012	0.234253421	A	790.5	39.0	17-06-2013 11:38:39	0	0.007	0.989000022	0.23685886
FR	FR061314_65	FR061314_65_17062013_114816.txt	1235790.347	2332742.93	6/17/2013	0	0.000709351	0.01560571	A	790.4	39.5	17-06-2013 11:48:16	0	0.003	0.066	0.236450166
FR	FR061314_66	FR061314_66_17062013_115401.txt	1235740.322	2332943.597	6/17/2013	0	0.000471192	0.010366219	A	788.3	39.8	17-06-2013 11:54:01	0	0.002	0.044	0.235595882
FR	FR061314_67	FR061314_67_17062013_120041.txt	1235960.541	2332975.772	6/17/2013	0	0.001174091	0.244915366	A	786.2	40.0	17-06-2013 12:00:41	0	0.005	1.042999983	0.23481819
FR	FR061314_68	FR061314_68_17062013_120614.txt	1235940.421	2333186.082	6/17/2013	0	0.000469217	0.087509014	A	786.0	40.2	17-06-2013 12:06:14	0	0.002	0.372999996	0.23460862
FR	FR061314_69	FR061314_69_17062013_121313.txt	1235749.871	2333154.62	6/17/2013	0	0.00140389	0.00140389	A	784.4	40.4	17-06-2013 12:13:13	0	0.006	0.006	0.233981699
FR	FR061314_70	FR061314_70_17062013_121714.txt	1235562	2333153.977	6/17/2013	0	0.001875192	0.124231435	A	786.3	40.6	17-06-2013 12:17:14	0	0.008	0.529999971	0.234398946
FR	FR061314_71	FR061314_71_17062013_122221.txt	1235516.194	2332965.788	6/17/2013	0	0.000704	0	A	787.7	40.8	17-06-2013 12:22:21	0	0.003	-0.026000001	0.234666705
FR	FR061314_72	FR061314_72_17062013_122640.txt	1235556.142	2332733.376	6/17/2013	0	0.000937236	0.056234136	A	787.0	41.0	17-06-2013 12:26:40	0	0.004	0.239999995	0.234308898
FR	FR061314_73	FR061314_73_17062013_123118.txt	1235349.452	2332788.097	6/17/2013	0	0.000469331	0.071807683	A	788.7	41.2	17-06-2013 12:31:18	0	0.002	0.305999994	0.234665632
FR	FR061314_74	FR061314_74_17062013_123528.txt	1235151.099	2332786.421	6/17/2013	0	0.002346354	0.11849086	A	789.1	41.4	17-06-2013 12:35:28	0	0.01	0.504999995	0.234635368
FR	FR061413_01	FR061413_01_14062013_105018.txt	1234974.385	2331957.917	6/14/2013	0	0	0.478228778	A	788.4	30.3	14-06-2013 10:50:18	0	-0.006	1.968000054	0.243002415
FR	FR061413_02	FR061413_02_14062013_105653.txt	1234924.224	2331774.114	6/14/2013	0	0.001693849	0.245124206	A	788.7	31.7	14-06-2013 10:56:53	0	0.007	1.013000011	0.241978481
FR	FR061413_03	FR061413_03_14062013_110243.txt	1234730.264	2331778.617	6/14/2013	0	0	0.09052375	A	787.8	32.9	14-06-2013 11:02:43	0	-0.003	0.375999987	0.240754664
FR	FR061413_04	FR061413_04_14062013_110641.txt	1234525.664	2331753.867	6/14/2013	0	0.000720472	0.082374007	A	787.9	33.7	14-06-2013 11:06:41	-0.017000001	0.003	0.342999995	0.240157455
FR	FR061413_05	FR061413_05_14062013_111155.txt	1234548.92	2331543.594	6/14/2013	0	0.00047918	0.030907111	A	788.6	34.7	14-06-2013 11:11:55	0	0.002	0.128999993	0.239590019
FR	FR061413_06	FR061413_06_14062013_111727.txt	1234534.039	2331313.48	6/14/2013	0	0.000238316	0.096517995	A	786.7	35.6	14-06-2013 11:17:27	0	0.001	0.405000001	0.238316044
FR	FR061413_07	FR061413_07_14062013_112934.txt	1234556.102	2331160.55	6/14/2013	0	0.004498058	0.156248346	A	785.8	37.3	14-06-2013 11:29:34	0	0.018999999	0.660000026	0.236739904
FR	FR061413_08	FR061413_08_14062013_113400.txt	1234546.574	2330961.505	6/14/2013	0	0.000236117	0.517096519	A	785.5	38.0	14-06-2013 11:34:00	0	0.001	2.190000057	0.236117125
FR	FR061413_09	FR061413_09_14062013_113758.txt	1234545.713	2330757.909	6/14/2013	0	0.000471177	0.082691476	A	785.0	38.5	14-06-2013 11:37:58	0	0.002	0.351000011	0.235588253
FR	FR061413_10	FR061413_10_14062013_114240.txt	1234538.764	2330581.75	6/14/2013	0	0.000940364	0.380142212	A	784.6	39.0	14-06-2013 11:42:40	0	0.004	1.616999984	0.235091045
FR	FR061413_11	FR061413_11_14062013_114729.txt	1234547.482	2330370.135	6/14/2013	1.133799672	0	0.83703649	A	784.2	39.5	14-06-2013 11:47:29	4.833000183	-0.004	3.568000078	0.234595418
FR	FR061413_12	FR061413_12_14062013_115150.txt	1234396.87	2330559.02	6/14/2013	0	0.001169909	0.046328414	A	783.4	40.0	14-06-2013 11:51:50	0	0.005	0.197999999	0.233981892
FR	FR061413_13	FR061413_13_14062013_115646.txt	1234458.168	2330346.42	6/14/2013	0	0.00093533	0.101249494	A	783.9	40.4	14-06-2013 11:56:46	0	0.004	0.432999998	0.233832553
FR	FR061413_14	FR061413_14_14062013_120033.txt	1234344.266	2330353.984	6/14/2013	0	0.001400224	0.10898409	A	783.1	40.7	14-06-2013 12:00:33	0	0.006	0.467000008	0.233370632
FR	FR061413_15	FR061413_15_14062013_120541.txt	1234353.775	2330171.049	6/14/2013	0	0.000699489	0.055959087	A	783.4	41.1	14-06-2013 12:05:41	0	0.003	0.239999995	0.233162865
FR	FR061413_16	FR061413_16_14062013_121313.txt	1234344.507	2329965.591	6/14/2013	0	0.001626742	0.164998159	A	782.3	41.7	14-06-2013 12:13:13	0	0.007	0.709999979	0.232391775
FR	FR061413_17	FR061413_17_14062013_122054.txt	1234455.964	2329960.034	6/14/2013	0	0.003942884	0.274610251	A	782.0	42.2	14-06-2013 12:20:54	0	0.017000001	1.184000015	0.231934324
FR	FR061413_18	FR061413_18_14062013_122619.txt	1234444.442	2330167.715	6/14/2013	0	0.00046316	0.364738256	A	781.3	42.4	14-06-2013 12:26:19	0	0.002	1.575000048	0.23157984
FR	FR061413_19	FR061413_19_14062013_123046.txt	1234545.523	2329976.927	6/14/2013	0	0.002548527	0.061164647	A	781.9	42.5	14-06-2013 12:30:46	0	0.011	0.263999999	0.231684268
FR	FR061413_20	FR061413_20_14062013_123729.txt	1234546.548	2330162.766	6/14/2013	0	0	0.616574109	A	781.3	42.7	14-06-2013 12:37:29	0	0	2.664999962	0.231359884
FR	FR061413_21	FR061413_21_14062013_124245.txt	1234721.133	2330179.455	6/14/2013	0	0.002311403	0.085521929	A	781.3	43.0	14-06-2013 12:42:45	0	0.01	0.370000005	0.231140345
FR	FR061413_22	FR061413_22_14062013_124829.txt	1234693.9	2330347.408	6/14/2013	0	0.0036931	0.152571172	A	781.2	43.4	14-06-2013 12:48:29	-0.025	0.016000001	0.661000013	0.230818719
FR	FR061413_23	FR061413_23_14062013_125804.txt	1234706.534	2330565.48	6/14/2013	0	0.001385041	0.020313928	A	783.0	44.1	14-06-2013 12:58:04	0	0.006	0.088	0.230840087
FR	FR061413_24	FR061413_24_14062013_130255.txt	1234956.69	2330556.876	6/14/2013	0	0.002307673	0.219690531	A	783.0	44.2	14-06-2013 13:02:55	0	0.01	0.952000022	0.230767354
FR	FR061413_25	FR061413_25_14062013_130850.txt	1235156.675	2330779.019	6/14/2013	0	0.002766025	0.300113738	A	782.1	44.2	14-06-2013 13:08:50	0	0.012	1.302000046	0.230502099
FR	FR061413_26	FR061413_26_14062013_131354.txt	1234974.76	2330771.94	6/14/2013	0	0.002999976	0.083307013	A	783.0	44.2	14-06-2013 13:13:54	0	0.013	0.361000001	0.230767354
FR	FR061413_27	FR061413_27_14062013_131841.txt	1234772.353	2330766.952	6/14/2013	0	0.001614863	0.209240064	A	783.0	44.3	14-06-2013 13:18:41	0	0.007	0.907000005	0.230694667
FR	FR061413_28	FR061413_28_14062013_132254.txt	1234745.144	2330964.674	6/14/2013	0	0.002307536	0.095070474	A	783.2	44.3	14-06-2013 13:22:54	0	0.01	0.412	0.230753586
FR	FR061413_29	FR061413_29_14062013_132755.txt	1234961.871	2330944.212	6/14/2013	0.406948864	0.000461393	0.517452538	A	783.5	44.5	14-06-2013 13:27:55	1.764000058	0.002	2.243000031	0.230696633
FR	FR061413_30	FR061413_30_14062013_133218.txt	1235183.399	2330958.432	6/14/2013	0	0.003920341	0.122453012	A	783.2	44.5	14-06-2013 13:32:18	0	0.017000001	0.531000018	0.230608299
FR	FR061413_31	FR061413_31_14062013_133701.txt	1235136.301	2331194.336	6/14/2013	0	0.002996964	0.053023215	A	783.2	44.6	14-06-2013 13:37:01	0	0.013	0.230000004	0.230535716
FR	FR061413_32	FR061413_32_14062013_134021.txt	1235050.654	2331210.459	6/14/2013	1.109890938	0.001845589	1.289143682	A	784.0	44.7	14-06-2013 13:40:21	4.81099987	0.008	5.587999821	0.2306986
FR	FR061413_33	FR061413_33_14062013_134531.txt	1235150.416	2331375.169	6/14/2013	0	0.002075105	0.38942802	A	783.8	44.8	14-06-2013 13:45:31	0	0.009	1.689000001	0.230567202
FR	FR061413_34	FR061413_34_14062013_134935.txt	1234937.919	2331372.223	6/14/2013	0	0.006458792	0.270807952	A	784.4	44.9	14-06-2013 13:49:35	0	0.028000001	1.174000025	0.230671152
FR	FR061413_35	FR061413_35_14062013_135339.txt	1234962.4	2331147.467	6/14/2013	0	0.004614325	0.770823002	A	784.8	45.0	14-06-2013 13:53:39	0	0.02	3.341000008	0.230716243
FR	FR061413_36	FR061413_36_14062013_135715.txt	1234769.929	2331208.502	6/14/2013	0	0.009674694	0.129686981	A	783.8	45.1	14-06-2013 13:57:15	0	0.041999999	0.563000023	0.230349869
FR	FR061413_37	FR061413_37_14062013_141905.txt	1234730.843	2331395.076	6/14											



APPENDIX B - FLUX METER DATA

AreaAbbrev	SitePt	Filename	Northing	Easting	Date	CH <sub>4</sub> flux	H <sub>2</sub> S flux	CO <sub>2</sub> flux	ACCUMULATION CHAMBER	PRESSURE Hpa	TEMP DegC	TIME	CH <sub>4</sub> slope	H <sub>2</sub> S slope	CO <sub>2</sub> slope	AcK
FR	FR061413_43	FR061413_43_14062013_145037.txt	1235539.908	2331787.316	6/14/2013	0	0.005290831	0.071311198	A	784.7	45.9	14-06-2013 14:50:37	0	0.023	0.310000002	0.23003611
FR	FR061413_44	FR061413_44_14062013_145512.txt	1235557.522	2331953.351	6/14/2013	0	0.002068357	0.024360655	A	784.2	46.0	14-06-2013 14:55:12	0	0.009	0.105999999	0.229817495
FR	FR061413_45	FR061413_45_14062013_145927.txt	1235343.74	2331960.925	6/14/2013	0	0.001381015	0.218660712	A	785.4	46.0	14-06-2013 14:59:27	0	0.006	0.949999988	0.230169177
FR	FR061413_46	FR061413_46_14062013_150612.txt	1235145.991	2331979.134	6/14/2013	0	0.003221359	0.04809029	A	785.4	46.1	14-06-2013 15:06:12	0	0.014	0.209000006	0.23009707
FR	FR061413_47	FR061413_47_14062013_151321.txt	1235362.626	2331641.88	6/14/2013	0	0.00276625	0.071461461	A	786.6	46.0	14-06-2013 15:13:21	-0.017000001	0.012	0.310000002	0.230520844
FR	FR061413_48	FR061413_48_14062013_151925.txt	1235532.791	2331658.349	6/14/2013	0	0.014275939	0.023255967	A	785.7	46.0	14-06-2013 15:19:25	0	0.061999999	0.101000004	0.230257094
PR	PineRiver070313_01	PineRiver070313_01_03072013_090028.txt	1240382.427	2381368.577	7/3/2013	0	0.004382236	0.057699446	A	775.3	24.7	03-07-2013 09:00:28	0	0.017999999	0.237000003	0.243457571
PR	PineRiver070313_02	PineRiver070313_02_03072013_090617.txt	1240551.562	2381358.597	7/3/2013	0	0.012821463	0.080315575	A	775.3	26.6	03-07-2013 09:06:17	0	0.052999999	0.331999987	0.241914392
PR	PineRiver070313_03	PineRiver070313_03_03072013_091125.txt	1240760.615	2381359.143	7/3/2013	0	0.00264815	0.067648187	A	775.4	28.1	03-07-2013 09:11:25	0	0.011	0.280999988	0.24074088
PR	PineRiver070313_04	PineRiver070313_04_03072013_091724.txt	1240941.033	2381377.193	7/3/2013	0	0.011740222	0.258764088	A	775.3	29.5	03-07-2013 09:17:24	0	0.048999999	1.080000043	0.239596367
PR	PineRiver070313_05	PineRiver070313_05_03072013_092413.txt	1241124.743	2381383.961	7/3/2013	0	0.008569141	0.031420186	A	773.8	30.9	03-07-2013 09:24:13	0	0.035999998	0.131999999	0.238031715
PR	PineRiver070313_06	PineRiver070313_06_03072013_092816.txt	1241228.929	2381395.101	7/3/2013	0	0.008044166	0.029574139	A	771.4	31.8	03-07-2013 09:28:16	0	0.034000002	0.125	0.236593112
PR	PineRiver070313_07	PineRiver070313_07_03072013_093251.txt	1241152.995	2381562.235	7/3/2013	0	0.006126577	0.036288187	A	770.3	32.6	03-07-2013 09:32:51	0	0.026000001	0.153999999	0.235637575
PR	PineRiver070313_08	PineRiver070313_08_03072013_093842.txt	1240945.144	2381568.652	7/3/2013	0	0.006586174	0	A	771.2	33.5	03-07-2013 09:38:42	0	0.028000001	-0.005	0.235220492
PR	PineRiver070313_09	PineRiver070313_09_03072013_094347.txt	1240762.254	2381562.838	7/3/2013	0	0.003530314	0.441053867	A	773.4	34.2	03-07-2013 09:43:47	0	0.015	1.873999953	0.23535426
PR	PineRiver070313_10	PineRiver070313_10_03072013_094923.txt	1240632.32	2381571.836	7/3/2013	0.618666768	0.001648522	0.305918574	A	775.4	34.8	03-07-2013 09:49:23	2.627000093	0.007	1.299000025	0.235503137
PR	PineRiver070313_11	PineRiver070313_11_03072013_095219.txt	1240550.645	2381593.208	7/3/2013	0	0.003293822	0.024703665	A	775.9	35.3	03-07-2013 09:52:19	0	0.014	0.104999997	0.235273004
PR	PineRiver070313_12	PineRiver070313_12_03072013_095612.txt	1240327.099	2381558.456	7/3/2013	0	0.004466699	0	A	776.3	35.7	03-07-2013 09:56:12	0	0.018999999	-0.009	0.235089421
PR	PineRiver070313_13	PineRiver070313_13_03072013_102035.txt	1240342.18	2381765.545	7/3/2013	0	0.000700686	0.044843886	A	776.5	37.8	03-07-2013 10:20:35	0	0.003	0.192000002	0.233561903
PR	PineRiver070313_14	PineRiver070313_14_03072013_102433.txt	1240563.914	2381757.652	7/3/2013	0	0.005368471	0.054618355	A	776.5	38.0	03-07-2013 10:24:33	0	0.023	0.233999997	0.233411774
PR	PineRiver070313_15	PineRiver070313_15_03072013_103116.txt	1240753.828	2381777.602	7/3/2013	0	0.003491278	1.057158828	A	775.3	38.4	03-07-2013 10:31:16	0	0.015	4.541999817	0.232751846
PR	PineRiver070313_16	PineRiver070313_16_03072013_103518.txt	1240957.484	2381765.756	7/3/2013	0	0.00557742	0.226815104	A	774.6	38.6	03-07-2013 10:35:18	0	0.024	0.976000011	0.23239252
PR	PineRiver070313_17	PineRiver070313_17_03072013_104035.txt	1240741.466	2381944.86	7/3/2013	0	0.002782073	0.450000286	A	773.5	38.9	03-07-2013 10:40:35	0	0.012	1.940999985	0.231839404
PR	PineRiver070313_18	PineRiver070313_18_03072013_104625.txt	1240555.678	2381959.342	7/3/2013	0	0.005325119	0.308162302	A	773.2	39.2	03-07-2013 10:46:25	0	0.023	1.33099997	0.231526896
PR	PineRiver070313_19	PineRiver070313_19_03072013_105154.txt	1240336.427	2381969.974	7/3/2013	0	0.004169922	0.119769432	A	773.9	39.3	03-07-2013 10:51:54	0	0.017999999	0.517000002	0.231662333
PR	PineRiver070313_20	PineRiver070313_20_03072013_105630.txt	1240150.222	2381951.856	7/3/2013	0	0.002318432	0.069552965	A	775.0	39.5	03-07-2013 10:56:30	0	0.01	0.300000012	0.231843203
PR	PineRiver070313_21	PineRiver070313_21_03072013_110023.txt	1240138.637	2382152.666	7/3/2013	0	0.001161238	0.047378503	A	776.6	39.6	03-07-2013 11:00:23	0	0.005	0.203999996	0.232247576
PR	PineRiver070313_22	PineRiver070313_22_03072013_110522.txt	1240334.286	2382170.581	7/3/2013	0	0.002087816	0.040364448	A	776.2	39.8	03-07-2013 11:05:22	0	0.009	0.173999995	0.231979594
PR	PineRiver070313_23	PineRiver070313_23_03072013_112149.txt	1240548.337	2382164.774	7/3/2013	0	0.001843857	0.007375427	A	773.9	40.9	03-07-2013 11:21:49	0	0.008	0.032000002	0.230482072
PR	PineRiver070313_24	PineRiver070313_24_03072013_112737.txt	1240741.671	2382167.229	7/3/2013	0	0.001834849	0.085549809	A	771.1	41.3	03-07-2013 11:27:37	0	0.008	0.372999996	0.22935605
PR	PineRiver070313_25	PineRiver070313_25_03072013_113136.txt	1240761.552	2382333.136	7/3/2013	0	0.001603848	0.149616078	A	770.8	41.5	03-07-2013 11:31:36	0	0.007	0.652999997	0.229121104
PR	PineRiver070313_26	PineRiver070313_26_03072013_113722.txt	1240545.004	2382380.382	7/3/2013	0	0.000457892	0.071888998	A	770.7	41.7	03-07-2013 11:37:22	0	0.002	0.314000001	0.228945851
PR	PineRiver070313_27	PineRiver070313_27_03072013_114250.txt	1240325.357	2382353.976	7/3/2013	0	0.001835974	0.036719486	A	772.8	41.8	03-07-2013 11:42:50	0	0.008	0.159999996	0.229496792
PR	PineRiver070313_28	PineRiver070313_28_03072013_115155.txt	1240154.047	2382373.867	7/3/2013	0	0.001150008	0	A	774.5	41.8	03-07-2013 11:51:55	0	0.005	-0.057999998	0.230001628
PR	PineRiver070313_29	PineRiver070313_29_03072013_115949.txt	1239918.493	2382584.485	7/3/2013	0	0.000920482	0.09549997	A	774.9	41.8	03-07-2013 11:59:49	0	0.004	0.414999992	0.23012042
PR	PineRiver070313_30	PineRiver070313_30_03072013_120438.txt	1240146.565	2382570.231	7/3/2013	0	0.002068022	0.058134388	A	774.0	41.9	03-07-2013 12:04:38	0	0.009	0.252999991	0.229780197
PR	PineRiver070313_31	PineRiver070313_31_03072013_121012.txt	1240332.777	2382566.501	7/3/2013	0	0.00045894	0.101425678	A	773.2	42.0	03-07-2013 12:10:12	0	0.002	0.442000002	0.229469851
PR	PineRiver070313_32	PineRiver070313_32_03072013_121555.txt	1240544.885	2382567.657	7/3/2013	0	0.000687528	0.226425916	A	772.7	42.2	03-07-2013 12:15:55	0	0.003	0.987999976	0.22917603
PR	PineRiver070313_33	PineRiver070313_33_03072013_122121.txt	1240531.705	2382764.475	7/3/2013	0	0.001141976	0.119450703	A	770.8	42.5	03-07-2013 12:21:21	0	0.005	0.523000002	0.228395224
PR	PineRiver070313_34	PineRiver070313_34_03072013_122715.txt	1240540.182	2382991.213	7/3/2013	0	0.001594762	0.136238232	A	769.6	42.8	03-07-2013 12:27:15	0	0.007	0.59799999	0.227823123
PR	PineRiver070313_35	PineRiver070313_35_03072013_123210.txt	1240341.766	2382951.191	7/3/2013	0	0.000455088	0.002958071	A	768.9	42.9	03-07-2013 12:32:10	0	0.002	0.013	0.22754389
PR	PineRiver070313_36	PineRiver070313_36_03072013_123729.txt	1240352.781	2382770.154	7/3/2013	0	0.00068423	0.002052689	A	770.7	42.9	03-07-2013 12:37:29	0	0.003	0.009	0.228076577
PR	PineRiver070313_37	PineRiver070313_37_03072013_124156.txt	1240162.084	2382749.73	7/3/2013	0	0.000456475	0	A	771.0	42.8	03-07-2013 12:41:56	0	0.002	-0.082999997	0.228237569
PR	PineRiver070313_38	PineRiver070313_38_03072013_124618.txt	1239950.644	2382763.67	7/3/2013	0	0.000914424	0.024689443	A	772.0	42.7	03-07-2013 12:46:18	0	0.004	0.108000003	0.228605956
PR	PineRiver070313_39	PineRiver070313_39_03072013_125147.txt	1239935.48	2382978.31	7/3/2013	0	0.002517743	0.190661788	A	772.7	42.6	03-07-2013 12:51:47	0	0.011	0.833000004	0.228885695
PR	PineRiver070313_40	PineRiver070313_40_03072013_125640.txt	1240167.19	2382974.936	7/3/2013	0	0.000915069	0	A	772.3	42.6	03-07-2013 12:56:40	0	0.004	-0.014	0.228767216
PR	PineRiver070313_41	PineRiver070313_41_03072013_130218.txt	1240130.951	2383186.366	7/3/2013	0	0.000456916	0.060084425	A	771.5	42.7	03-07-2013 13:02:18	0	0.002	0.263000011	0.228457883
PR	PineRiver070313_42	PineRiver070313_42_03072013_130917.txt	1240130.677	2383186.078	7/3/2013	0	0	0.122862548	A	771.2	42.7	03-07-2013 13:09:17	0	0	0.537999988	0.228369057
PR	PineRiver070313_43	PineRiver070313_43_03072013_131351.txt	1240305.784	2383344.062	7/3/2013	0	0	0.146061882	A	769.5	42.7	03-07-2013 13:13:51	0	0	0.640999973	0.227865651
PR	PineRiver070313_44	PineRiver070313_44_03072013_131739.txt	1240150.661	2383368.529	7/3/2013	0	0.000227747	0.009337636	A	769.1	42.7	03-07-2013 13:17:39	0	0.001	0.041000001	0.227747202
PR	PineRiver070313_45	PineRiver070313_45_03072013_133405.txt	1240153.609	2383536.22	7/3/2013	0	0.00045639	0.065035559	A	771.1	42.9	03-07-2013 13:34:05	0	0.002	0.284999996	0.228194952
PR	PineRiver070313_46	PineRiver070313_46_03072013_132746.txt	1239967													

APPENDIX B - FLUX METER DATA

AreaAbbrev	SitePt	Filename	Northing	Easting	Date	CH <sub>4</sub> flux	H <sub>2</sub> S flux	CO <sub>2</sub> flux	ACCUMULATION CHAMBER	PRESSURE Hpa	TEMP DegC	TIME	CH <sub>4</sub> slope	H <sub>2</sub> S slope	CO <sub>2</sub> slope	AcK
PR	PineRiver070913_01	PineRiver070913_01_09072013_104213.txt	1238135.845	2386768.763	7/9/2013	0	0.000730966	0.123776928	A	791.3	30.6	09-07-2013 10:42:13	0	0.003	0.508000016	0.243655369
PR	PineRiver070913_02	PineRiver070913_02_09072013_104642.txt	1237971.051	2386760.856	7/9/2013	0	0.001457135	0.465797514	A	791.3	31.6	09-07-2013 10:46:42	0	0.006	1.917999983	0.242855847
PR	PineRiver070913_03	PineRiver070913_03_09072013_105826.txt	1237738.309	2386759.477	7/9/2013	0	0.001446691	0.053527582	A	791.3	33.8	09-07-2013 10:58:26	0	0.006	0.222000003	0.241115227
PR	PineRiver070913_04	PineRiver070913_04_09072013_110454.txt	1237525.171	2386742.465	7/9/2013	0	0.002164513	0.309044391	A	791.6	34.7	09-07-2013 11:04:54	0	0.009	1.284999967	0.240501478
PR	PineRiver070913_05	PineRiver070913_05_09072013_111218.txt	1237799.5	2386939.025	7/9/2013	0	0.004563938	0.40066576	A	793.2	35.7	09-07-2013 11:12:18	0	0.018999999	1.667999983	0.2402073
PR	PineRiver070913_06	PineRiver070913_06_09072013_111552.txt	1237945.933	2386951.284	7/9/2013	0	0.001197063	0.319855362	A	791.6	36.1	09-07-2013 11:15:52	-0.007	0.005	1.335999966	0.239412695
PR	PineRiver070913_07	PineRiver070913_07_09072013_111949.txt	1238168.427	2386971.568	7/9/2013	0	0.00286759	0.109685324	A	791.4	36.6	09-07-2013 11:19:49	-0.002	0.012	0.458999991	0.238965854
PR	PineRiver070913_08	PineRiver070913_08_09072013_112404.txt	1238362.018	2386791.096	7/9/2013	0	0.004771012	0.195372939	A	791.3	37.1	09-07-2013 11:24:04	0	0.02	0.819000006	0.238550588
PR	PineRiver070913_09	PineRiver070913_09_09072013_112826.txt	1238552.036	2386760.567	7/9/2013	0	0.009047425	0.581654251	A	791.3	37.7	09-07-2013 11:28:26	0	0.037999999	2.443000078	0.238090143
PR	PineRiver070913_10	PineRiver070913_10_09072013_113215.txt	1238693.729	2386807.272	7/9/2013	0	0.010692796	0.362842172	A	791.0	38.2	09-07-2013 11:32:15	-0.021	0.045000002	1.52699995	0.237617671
PR	PineRiver070913_11	PineRiver070913_11_09072013_113750.txt	1238531.348	2386929.658	7/9/2013	0	0.010431019	0.399697661	A	791.2	39.0	09-07-2013 11:37:50	0	0.044	1.68599999	0.237068608
PR	PineRiver070913_12	PineRiver070913_12_09072013_114346.txt	1238313.107	2387007.11	7/9/2013	0	0.001655349	0.056045376	A	791.0	39.7	09-07-2013 11:43:46	-0.004	0.007	0.237000003	0.236478373
PR	PineRiver070913_13	PineRiver070913_13_09072013_114757.txt	1238356.043	2387146.017	7/9/2013	0	0.000236176	0.178549349	A	791.0	40.1	09-07-2013 11:47:57	-0.001	0.001	0.755999982	0.236176401
PR	PineRiver070913_14	PineRiver070913_14_09072013_115215.txt	1238151.287	2387160.211	7/9/2013	0	0.0040086	0.086538613	A	791.0	40.6	09-07-2013 11:52:15	0	0.017000001	0.367000014	0.235800028
PR	PineRiver070913_15	PineRiver070913_15_09072013_115624.txt	1237957.188	2387158.865	7/9/2013	0	0.004237647	0.283216089	A	791.0	41.1	09-07-2013 11:56:24	-0.007	0.017999999	1.202999949	0.235424846
PR	PineRiver070913_16	PineRiver070913_16_09072013_120345.txt	1237953.454	2387344.696	7/9/2013	0	0.009865867	1.287730575	A	791.0	41.8	09-07-2013 12:03:45	-0.001	0.041999999	5.481999874	0.234901607
PR	PineRiver070913_17	PineRiver070913_17_09072013_120743.txt	1238147.982	2387373.8	7/9/2013	0	0.000234737	0	A	791.2	42.1	09-07-2013 12:07:43	0	0.001	-0.028999999	0.234737396
PR	PineRiver070913_18	PineRiver070913_18_09072013_121155.txt	1238304.787	2387344.21	7/9/2013	0	0	0.188243508	A	790.9	42.4	09-07-2013 12:11:55	-0.005	-0.004	0.802999973	0.234425306
PR	PineRiver070913_19	PineRiver070913_19_09072013_121703.txt	1238349.244	2387581.655	7/9/2013	0	0.001873384	0.297868103	A	790.8	42.7	09-07-2013 12:17:03	0	0.008	1.271999955	0.234173045
PR	PineRiver070913_20	PineRiver070913_20_09072013_122212.txt	1238129.569	2387561.646	7/9/2013	0	0.000701675	0.111800216	A	790.6	43.0	09-07-2013 12:22:12	0	0.003	0.477999985	0.233891666
PR	PineRiver070913_21	PineRiver070913_21_09072013_122605.txt	1238021.952	2387488.121	7/9/2013	0	0.001402197	0.088338405	A	790.7	43.3	09-07-2013 12:26:05	-0.008	0.006	0.377999991	0.233699486
PR	PineRiver070913_22	PineRiver070913_22_09072013_122923.txt	1237984.024	2387544.748	7/9/2013	0	0.001401046	0.381551504	A	790.8	43.6	09-07-2013 12:29:23	-0.004	0.006	1.633999944	0.233507663
PR	PineRiver070913_23	PineRiver070913_23_09072013_123422.txt	1238170.397	2387758.734	7/9/2013	0	0.000466367	0	A	790.7	44.0	09-07-2013 12:34:22	0	0.002	-0.074000001	0.233183667
PR	PineRiver070913_24	PineRiver070913_24_09072013_124141.txt	1238349.528	2387767.477	7/9/2013	0	0.008844794	0.342852145	A	790.5	44.5	09-07-2013 12:41:41	0	0.037999999	1.473000005	0.232757732
PR	PineRiver070913_25	PineRiver070913_25_09072013_124520.txt	1238532.548	2387785.89	7/9/2013	0	0.0053477	0.194842294	A	790.4	44.8	09-07-2013 12:45:20	0	0.023	0.838	0.232508704
PR	PineRiver070913_26	PineRiver070913_26_09072013_124934.txt	1238546.813	2387647.289	7/9/2013	0	0.001393999	0.141490892	A	790.3	45.0	09-07-2013 12:49:34	0	0.006	0.609000027	0.232333139
PR	PineRiver070913_27	PineRiver070913_27_09072013_130630.txt	1238154.946	2387945.699	7/9/2013	0	0.007422995	0.26745978	A	790.3	45.5	09-07-2013 13:06:30	0	0.032000002	1.152999997	0.231968582
PR	PineRiver070913_28	PineRiver070913_28_09072013_131615.txt	1238520.088	2387911.31	7/9/2013	0	0.003479318	0.29968524	A	790.5	45.6	09-07-2013 13:16:15	-0.002	0.015	1.292000055	0.2319545
PR	PineRiver070913_29	PineRiver070913_29_09072013_132036.txt	1238341.278	2387956.403	7/9/2013	0	0.00858501	0.692369461	A	790.5	45.5	09-07-2013 13:20:36	-0.001	0.037	2.983999968	0.232027292
PR	PineRiver070913_30	PineRiver070913_30_09072013_132545.txt	1238548.853	2388159.063	7/9/2013	0	0.005341657	0.15560478	A	790.5	45.2	09-07-2013 13:25:45	0	0.023	0.670000017	0.232245937
PR	PineRiver070913_31	PineRiver070913_31_09072013_133112.txt	1238553.926	2388366.358	7/9/2013	0.000232582	0.003488728	0.052330915	A	790.4	44.7	09-07-2013 13:31:12	0.001	0.015	0.224999994	0.232581854
PR	PineRiver070913_32	PineRiver070913_32_09072013_133911.txt	1238351.382	2388155.619	7/9/2013	0	0.003263746	0.173444778	A	790.5	44.0	09-07-2013 13:39:11	0	0.014	0.744000018	0.233124688
PR	PineRiver070913_33	PineRiver070913_33_09072013_134323.txt	1238331.952	2388365.596	7/9/2013	0	0.006534915	0.609147429	A	790.9	43.8	09-07-2013 13:43:23	0	0.028000001	2.609999895	0.233389825
PR	PineRiver070913_34	PineRiver070913_34_09072013_134745.txt	1238367.08	2388566.819	7/9/2013	0	0.003270553	0.07755883	A	790.9	43.5	09-07-2013 13:47:45	0	0.014	0.331999987	0.233610943
PR	PineRiver070913_35	PineRiver070913_35_09072013_135101.txt	1238331.042	2388759.188	7/9/2013	0	0.006309088	0.796113431	A	790.6	43.3	09-07-2013 13:51:01	0	0.027000001	3.407000065	0.233669922
PR	PineRiver070913_36	PineRiver070913_36_09072013_135421.txt	1238340.062	2388954.455	7/9/2013	0	0.006078876	1.945941687	A	790.8	43.2	09-07-2013 13:54:21	0	0.026000001	8.322999954	0.233802915
PR	PineRiver070913_37	PineRiver070913_37_09072013_135839.txt	1238353.798	2389157.592	7/9/2013	0	0	0	A	790.6	43.0	09-07-2013 13:58:39	0	-0.008	-0.043000001	0.233891666
PR	PineRiver070913_38	PineRiver070913_38_09072013_140345.txt	1238142.556	2389170.933	7/9/2013	0	0	0.014042382	A	790.6	42.8	09-07-2013 14:03:45	0	0	0.059999999	0.234039709
PR	PineRiver070913_39	PineRiver070913_39_09072013_140758.txt	1238139.131	2388965.55	7/9/2013	0	0.009602309	1.007305622	A	790.9	42.7	09-07-2013 14:07:58	0	0.041000001	4.301000118	0.234202653
PR	PineRiver070913_40	PineRiver070913_40_09072013_141155.txt	1238138.464	2388765.849	7/9/2013	0	0.006556434	0.03254801	A	790.5	42.6	09-07-2013 14:11:55	0	0.028000001	0.138999999	0.234158337
PR	PineRiver070913_41	PineRiver070913_41_09072013_142003.txt	1238134.774	2388557.069	7/9/2013	0	0	0.0028099	A	790.5	42.6	09-07-2013 14:20:03	0	-0.001	0.012	0.234158337
PR	PineRiver070913_42	PineRiver070913_42_09072013_142341.txt	1238133.868	2388355.082	7/9/2013	0	0.005849884	0.822493732	A	790.2	42.7	09-07-2013 14:23:41	0	0.025	3.515000105	0.233995363
PR	PineRiver070913_43	PineRiver070913_43_09072013_142943.txt	1238186.545	2388293.935	7/9/2013	0.251385838	0.007249266	0.001870778	A	790.2	42.9	09-07-2013 14:29:43	1.075000048	0.030999999	0.008	0.23384729
PR	PineRiver070913_44	PineRiver070913_44_09072013_143301.txt	1238238.213	2388270.769	7/9/2013	135.6750183	0.010286026	2.06912756	A	790.2	43.0	09-07-2013 14:33:01	580.3699951	0.044	8.850999832	0.233773321
PR	PineRiver070913_45	PineRiver070913_45_09072013_143645.txt	1238144.982	2388163.123	7/9/2013	0	0.001168719	0.075966716	A	790.1	43.0	09-07-2013 14:36:45	-0.73299998	0.005	0.324999988	0.233743742
PR	PineRiver071013_01	PineRiver071013_01_10072013_123232.txt	1237954.592	2389616.751	7/10/2013	0	0	0.030256109	A	789.6	34.4	10-07-2013 12:32:32	0	-0.001	0.126000002	0.240127847
PR	PineRiver071013_02	PineRiver071013_02_10072013_123636.txt	1237954.3	2389560.513	7/10/2013	0	0.014839675	0.236716762	A	789.6	35.4	10-07-2013 12:36:36	0	0.061999999	0.989000022	0.239349604
PR	PineRiver071013_03	PineRiver071013_03_10072013_123937.txt	1237954.094	2389504.82	7/10/2013	0	0.015295529	0.644085109	A	789.7	35.9	10-07-2013 12:39:37	-0.003	0.064000003	2.694999933	0.238992631
PR	PineRiver071013_04	PineRiver071013_04_10072013_124246.txt	1237953.871	2389455.914	7/10/2013	0	0.009540638	0.571722746	A	789.4	36.4	10-07-2013 12:42:46	0	0.039999999	2.397000074	0.238515943
PR	PineRiver071013_05	PineRiver071013_05_10072013_124547.txt	1237957.814	2389409.915	7/10/2013	0	0.01405428	0.633871853	A	789.4	36.8	10-07-2013 12:45:47	0	0.059	2.661000013	0.23820813
PR	PineRiver071013_06	PineRiver071013_06_10072013_124900.txt	1238007.773	2389401.745	7/10/2013	0	0.009516045	0.365178227	A	789.4	37.					

APPENDIX B - FLUX METER DATA

AreaAbbrev	SitePt	Filename	Northing	Easting	Date	CH <sub>4</sub> flux	H <sub>2</sub> S flux	CO <sub>2</sub> flux	ACCUMULATION CHAMBER	PRESSURE Hpa	TEMP DegC	TIME	CH <sub>4</sub> slope	H <sub>2</sub> S slope	CO <sub>2</sub> slope	AcK
PR	PineRiver071013_13	PineRiver071013_13_10072013_131340.txt	1238050.716	2389606.364	7/10/2013	0	0.009424984	0.696741998	A	788.9	40.0	10-07-2013 13:13:40	0	0.039999999	2.957000017	0.235624611
PR	PineRiver071013_14	PineRiver071013_14_10072013_131646.txt	1238052.023	2389561.578	7/10/2013	0	0.012472989	0	A	788.7	40.3	10-07-2013 13:16:46	0	0.052999999	-1.603999972	0.235339418
PR	PineRiver071013_15	PineRiver071013_15_10072013_131959.txt	1238053.719	2389512.319	7/10/2013	0.586140215	0.016693123	0.153999925	A	788.7	40.6	10-07-2013 13:19:59	2.493000031	0.071000002	0.654999971	0.235114396
PR	PineRiver071013_16	PineRiver071013_16_10072013_132330.txt	1238052.751	2389460.94	7/10/2013	0	0.010804931	0.34669733	A	788.7	40.9	10-07-2013 13:23:30	0	0.046	1.475999951	0.23488979
PR	PineRiver071013_17	PineRiver071013_17_10072013_132701.txt	1238054.771	2389410.317	7/10/2013	0	0.006807029	0.458887637	A	788.9	41.2	10-07-2013 13:27:01	0	0.028999999	1.955000043	0.234725133
PR	PineRiver071013_18	PineRiver071013_18_10072013_133347.txt	1238102.722	2389406.02	7/10/2013	0	0.003283435	0.431771666	A	789.0	41.5	10-07-2013 13:33:47	0	0.014	1.840999961	0.23453106
PR	PineRiver071013_19	PineRiver071013_19_10072013_133653.txt	1238103.054	2389450.668	7/10/2013	0	0.008432408	0.387188077	A	788.5	41.7	10-07-2013 13:36:53	0	0.035999998	1.652999997	0.234233558
PR	PineRiver071013_20	PineRiver071013_20_10072013_134026.txt	1238099.122	2389504.764	7/10/2013	0	0.006788461	0.786291063	A	788.5	41.9	10-07-2013 13:40:26	0	0.028999999	3.358999968	0.234084859
PR	PineRiver071013_21	PineRiver071013_21_10072013_134327.txt	1238104.05	2389558.505	7/10/2013	0	0.005379172	0.010056712	A	788.3	42.1	10-07-2013 13:43:27	0	0.023	0.043000001	0.233877018
PR	PineRiver071013_22	PineRiver071013_22_10072013_134709.txt	1238102.704	2389602.658	7/10/2013	0	0.016832737	0.473888308	A	788.5	42.3	10-07-2013 13:47:09	0	0.071999997	2.02699995	0.233788028
PR	PineRiver071013_23	PineRiver071013_23_10072013_134952.txt	1238103.691	2389645.193	7/10/2013	0	0.006775985	0	A	788.3	42.4	10-07-2013 13:49:52	0	0.028999999	-0.462000012	0.233654663
PR	PineRiver071013_24	PineRiver071013_24_10072013_135251.txt	1238157.624	2389653.274	7/10/2013	0	0.021253141	0.490457088	A	788.2	42.5	10-07-2013 13:52:51	0	0.090999998	2.099999905	0.23355101
PR	PineRiver071013_25	PineRiver071013_25_10072013_135633.txt	1238140.938	2389616.13	7/10/2013	0	0.00396911	0.109500736	A	788.2	42.6	10-07-2013 13:56:33	0	0.017000001	0.469000012	0.233477041
PR	PineRiver071013_26	PineRiver071013_26_10072013_135936.txt	1238158.706	2389558.384	7/10/2013	0	0.003966597	0	A	788.2	42.8	10-07-2013 13:59:36	0	0.017000001	-0.078000002	0.233329251
PR	PineRiver071013_27	PineRiver071013_27_10072013_140241.txt	1238153.562	2389502.982	7/10/2013	0	0.012357059	0.934706569	A	788.1	43.0	10-07-2013 14:02:41	0	0.052999999	4.008999825	0.233152062
PR	PineRiver071013_28	PineRiver071013_28_10072013_140522.txt	1238149.07	2389458.134	7/10/2013	0	0.009794259	0.183525756	A	788.5	43.1	10-07-2013 14:05:22	0	0.041999999	0.787	0.233196631
PR	PineRiver071013_29	PineRiver071013_29_10072013_140803.txt	1238153.804	2389402.215	7/10/2013	0	0.006058121	0.209238186	A	788.1	43.2	10-07-2013 14:08:03	0	0.026000001	0.898000002	0.233004659
PR	PineRiver071013_30	PineRiver071013_30_10072013_141331.txt	1237950.949	2389652.289	7/10/2013	0	0	0.019102769	A	788.2	43.3	10-07-2013 14:13:31	0	-0.004	0.082000002	0.232960582
PR	PineRiver071013_31	PineRiver071013_31_10072013_141627.txt	1238011.587	2389653.819	7/10/2013	0	0.003261034	0.247372746	A	788.1	43.3	10-07-2013 14:16:27	0	0.014	1.062000036	0.232931018
PR	PineRiver071013_32	PineRiver071013_32_10072013_142813.txt	1238622.262	2389469.104	7/10/2013	428.270813	0.008153094	7.325204849	A	787.9	43.2	10-07-2013 14:28:13	1838.501953	0.035	31.44599915	0.232945532
PR	PineRiver071013_33	PineRiver071013_33_10072013_143156.txt	1238647.85	2389514.232	7/10/2013	0	0.008386039	0.408819407	A	787.9	43.2	10-07-2013 14:31:56	0	0.035999998	1.754999995	0.232945532
PR	PineRiver071013_34	PineRiver071013_34_10072013_143434.txt	1238649.521	2389562.009	7/10/2013	0	0.008391884	0.369242936	A	788.2	43.1	10-07-2013 14:34:34	0	0.035999998	1.583999991	0.23310791
PR	PineRiver071013_35	PineRiver071013_35_10072013_143713.txt	1238599.58	2389568.331	7/10/2013	0	0.008629356	0.851274252	A	788.1	42.9	10-07-2013 14:37:13	0	0.037	3.650000095	0.233225822
PR	PineRiver071013_36	PineRiver071013_36_10072013_144004.txt	1238546.248	2389560.994	7/10/2013	0	0.006767406	0.116212703	A	788.3	42.8	10-07-2013 14:40:04	0	0.028999999	0.497999996	0.233358845
PR	PineRiver071013_37	PineRiver071013_37_10072013_144306.txt	1238547.983	2389512.368	7/10/2013	0	0.00630468	0.815638781	A	788.3	42.6	10-07-2013 14:43:06	0	0.027000001	3.493000031	0.233506665
PR	PineRiver071013_38	PineRiver071013_38_10072013_144545.txt	1238547.909	2389463.779	7/10/2013	0	0.007944259	0.266366303	A	788.3	42.4	10-07-2013 14:45:45	0	0.034000002	1.139999986	0.233654663
PR	PineRiver071013_39	PineRiver071013_39_10072013_144825.txt	1238549.114	2389416.253	7/10/2013	0	0.006544819	0.454163671	A	788.1	42.2	10-07-2013 14:48:25	0	0.028000001	1.942999959	0.233743533
PR	PineRiver071013_40	PineRiver071013_40_10072013_145136.txt	1238602.254	2389417.773	7/10/2013	0	0.011932272	0.520808578	A	788.1	41.9	10-07-2013 14:51:36	0	0.050999999	2.226000071	0.233966112
PR	PineRiver071013_41	PineRiver071013_41_10072013_145509.txt	1238648.334	2389414.634	7/10/2013	0	0.003744885	0.206436798	A	787.9	41.7	10-07-2013 14:55:09	0	0.016000001	0.882000029	0.234055325
PR	PineRiver071013_42	PineRiver071013_42_10072013_145749.txt	1238648.293	2389462.749	7/10/2013	0	0.006324718	0.17428112	A	787.8	41.4	10-07-2013 14:57:49	0	0.027000001	0.744000018	0.234248817
PR	PineRiver071013_43	PineRiver071013_43_10072013_150014.txt	1238596.957	2389463.86	7/10/2013	0	0.020151805	0.163323358	A	787.8	41.3	10-07-2013 15:00:14	0	0.086000003	0.697000027	0.234323308
PR	PineRiver071013_44	PineRiver071013_44_10072013_150331.txt	1238604.055	2389489.057	7/10/2013	412.3527832	0.010549921	7.120258808	A	787.7	41.1	10-07-2013 15:03:31	1758.864014	0.045000002	30.37100029	0.234442681
PR	PineRiver071013_45	PineRiver071013_45_10072013_150652.txt	1238598.863	2389512.627	7/10/2013	0	0.003284288	0.427191973	A	787.7	40.9	10-07-2013 15:06:52	0	0.014	1.82099998	0.234591976
PR	PineRiver071113_01	PineRiver071113_01_11072013_093457.txt	1238139.913	2386579.199	7/11/2013	0	0.003933578		A	790.8	27.7	11-07-2013 09:34:57	0	0.016000001		0.245848611
PR	PineRiver071113_02	PineRiver071113_02_11072013_095355.txt	1238132.888	2386353.601	7/11/2013				A	n.a.	31.4	11-07-2013 09:53:55	0	-0.014	0.079000004	
PR	PineRiver071113_03	PineRiver071113_03_11072013_095927.txt	1238357.446	2386360.797	7/11/2013	0	0.018519284	0.220066816	A	787.0	32.9	11-07-2013 09:59:27	0	0.077	0.915000021	0.240510181
PR	PineRiver071113_04	PineRiver071113_04_11072013_100425.txt	1238342.661	2386166.989	7/11/2013	0	0.001915349	0	A	786.5	34.1	11-07-2013 10:04:25	0	0.008	-0.050000001	0.239418626
PR	PineRiver071113_05	PineRiver071113_05_11072013_100905.txt	1238332.484	2385971.483	7/11/2013	0	0.004289248	0	A	785.6	35.2	11-07-2013 10:09:05	0	0.017999999	-0.071999997	0.238291547
PR	PineRiver071113_06	PineRiver071113_06_11072013_101313.txt	1238566.812	2385941.675	7/11/2013	0	0.00023713	0.019918948	A	783.8	36.0	11-07-2013 10:13:13	0	0.001	0.083999999	0.237130344
PR	PineRiver071113_07	PineRiver071113_07_11072013_101715.txt	1238529.175	2385763.025	7/11/2013	0	0	0.07151112	A	784.2	36.6	11-07-2013 10:17:15	0	-0.002	0.301999986	0.23679179
PR	PineRiver071113_08	PineRiver071113_08_11072013_102141.txt	1238555.885	2385545.375	7/11/2013	0	0	0.004485765	A	783.4	37.2	11-07-2013 10:21:41	0	-0.004	0.018999999	0.236092895
PR	PineRiver071113_09	PineRiver071113_09_11072013_102530.txt	1238549.315	2385387.517	7/11/2013	0	0	0.097225256	A	782.4	37.7	11-07-2013 10:25:30	0	0	0.412999988	0.235412255
PR	PineRiver071113_10	PineRiver071113_10_11072013_103023.txt	1238771.892	2385333.548	7/11/2013	0	0	0.027718127	A	781.7	38.1	11-07-2013 10:30:23	0	-0.006	0.118000001	0.234899372
PR	PineRiver071113_11	PineRiver071113_11_11072013_103522.txt	1238754.99	2385170.314	7/11/2013	0	0	0.020202549	A	782.5	38.4	11-07-2013 10:35:22	0	-0.003	0.086000003	0.234913349
PR	PineRiver071113_12	PineRiver071113_12_11072013_104037.txt	1238922.798	2385145.064	7/11/2013	0	0.000468655	0.084357888	A	781.3	38.7	11-07-2013 10:40:37	0	0.002	0.360000014	0.234327465
PR	PineRiver071113_13	PineRiver071113_13_11072013_104736.txt	1238965.298	2384976.396	7/11/2013	0	0.006097182	0.101776026	A	782.4	38.9	11-07-2013 10:47:36	0	0.026000001	0.433999985	0.23450698
PR	PineRiver071113_14	PineRiver071113_14_11072013_105232.txt	1238942.769	2384784.599	7/11/2013	0	0.002340872	0.30618602	A	781.5	39.1	11-07-2013 10:52:32	0	0.01	1.307999969	0.234087184
PR	PineRiver071113_15	PineRiver071113_15_11072013_105926.txt	1238940.467	2384569.885	7/11/2013	0	0.012818026	0.102544211	A	779.3	39.6	11-07-2013 10:59:26	0	0.055	0.439999998	0.233055025
PR	PineRiver071113_16	PineRiver071113_16_11072013_110454.txt	1239154.344	2384551.666	7/11/2013	0	0.00766128	0.183406398	A	777.3	40.0	11-07-2013 11:04:54	0	0.033	0.790000021	0.232159987
PR	PineRiver071113_17	PineRiver071113_17_11072013_111153.txt	1239143.502	2384345.378	7/11/2013	0	0.004181083	0.184664518	A	779.2	40.6	11-07-2013 11:11:53	0	0.017999999	0.795000017	0.232282415
PR	PineRiver071113_18	PineRiver071113_18_11072013_111714.txt	1239345.508	2384379.418	7/11/2013	0	0.004394468	0.258811057	A	777.1	41.1	11-07				



APPENDIX B - FLUX METER DATA

AreaAbbrev	SitePt	Filename	Northing	Easting	Date	CH <sub>4</sub> flux	H <sub>2</sub> S flux	CO <sub>2</sub> flux	ACCUMULATION CHAMBER	PRESSURE Hpa	TEMP DegC	TIME	CH <sub>4</sub> slope	H <sub>2</sub> S slope	CO <sub>2</sub> slope	AcK
PR	PineRiver071113_25	PineRiver071113_25_11072013_115536.txt	1239941.07	2383809.242	7/11/2013	0	0.01706218	0.431627035	A	777.4	42.2	11-07-2013 11:55:36	0	0.074000001	1.871999979	0.230570003
PR	PineRiver071113_26	PineRiver071113_26_11072013_115933.txt	1239950.374	2383961.123	7/11/2013	0	0.008294687	0.26220426	A	777.1	42.3	11-07-2013 11:59:33	0	0.035999998	1.138000011	0.230407968
PR	PineRiver071113_27	PineRiver071113_27_11072013_120500.txt	1239743.377	2383969.547	7/11/2013	0	0.001382982	0.005301429	A	777.4	42.3	11-07-2013 12:05:00	0	0.006	0.023	0.230496913
PR	PineRiver071113_28	PineRiver071113_28_11072013_121451.txt	1239759.206	2384156.484	7/11/2013	0	0.002308388	0.1361949	A	778.8	42.4	11-07-2013 12:14:51	0	0.01	0.589999974	0.230838835
PR	PineRiver071113_29	PineRiver071113_29_11072013_121901.txt	1239729.334	2384339.042	7/11/2013	0	0.004846371	0.086311556	A	778.6	42.4	11-07-2013 12:19:01	0	0.021	0.374000013	0.230779558
PR	PineRiver071113_30	PineRiver071113_30_11072013_122341.txt	1239557.718	2384544.749	7/11/2013		0.003695318	0.070672959	A	779.2	42.4	11-07-2013 12:23:41		0.016000001	0.305999994	0.230957389
PR	PineRiver071113_31	PineRiver071113_31_11072013_123335.txt	1239514.772	2384797.583	7/11/2013	0	0.001386895	0.017798489	A	779.6	42.3	11-07-2013 12:33:35	0	0.006	0.077	0.231149212
PR	PineRiver071113_32	PineRiver071113_32_11072013_124019.txt	1239533.599	2384952.43	7/11/2013	0	0.003694593	0.130003467	A	778.8	42.3	11-07-2013 12:40:19	0	0.016000001	0.563000023	0.230912015
PR	PineRiver071113_33	PineRiver071113_33_11072013_124427.txt	1239366.234	2384956.22	7/11/2013	0	0.011303065	0.104034342	A	778.0	42.3	11-07-2013 12:44:27	0	0.048999999	0.451000005	0.230674818
PR	PineRiver071113_34	PineRiver071113_34_11072013_125016.txt	1239343.349	2384754.875	7/11/2013	0	0.006929611	0	A	779.3	42.4	11-07-2013 12:50:16	0	0.029999999	-0.093000002	0.230987027
PR	PineRiver071113_35	PineRiver071113_35_11072013_125411.txt	1239270.261	2384692.52	7/11/2013	16.30458832	0.008562971	3.806818724	A	780.8	42.4	11-07-2013 12:54:11	70.4509964	0.037	16.4489994	0.231431633
PR	PineRiver071113_36	PineRiver071113_36_11072013_125830.txt	1239346.587	2384543.058	7/11/2013	40.13467026	0.002773455	5.403614998	A	780.0	42.5	11-07-2013 12:58:30	173.6519928	0.012	23.37999916	0.231121272
PR	PineRiver071113_37	PineRiver071113_37_11072013_130426.txt	1239173.373	2384701.886	7/11/2013	5.703573227	0.007385956	1.245687485	A	779.2	42.6	11-07-2013 13:04:26	24.71100044	0.032000002	5.396999836	0.230811104
PR	PineRiver071113_38	PineRiver071113_38_11072013_130923.txt	1239134.037	2384783.582	7/11/2013	176.1948395	0.012457509	2.363466024	A	779.3	42.8	11-07-2013 13:09:23	763.7579956	0.054000001	10.24499989	0.230694592
PR	PineRiver071113_39	PineRiver071113_39_11072013_131438.txt	1239130.105	2384968.86	7/11/2013	10.20263386	0.008762574	2.519009352	A	779.7	43.1	11-07-2013 13:14:38	44.24499893	0.037999999	10.92399979	0.230594054
PR	PineRiver071113_40	PineRiver071113_40_11072013_131856.txt	1239138.678	2385068.805	7/11/2013	0	0.009925205	0.279059827	A	781.2	43.4	11-07-2013 13:18:56	0	0.043000001	1.208999991	0.230818719
PR	PineRiver071113_41	PineRiver071113_41_11072013_132349.txt	1239236.46	2385072.528	7/11/2013	0	0.01314421	0.428685725	A	781.2	43.7	11-07-2013 13:23:49	0	0.057	1.858999968	0.230600178
PR	PineRiver071113_42	PineRiver071113_42_11072013_132658.txt	1239240.939	2384962.581	7/11/2013	0	0.012434139	0.244307801	A	780.3	43.8	11-07-2013 13:26:58	0	0.054000001	1.06099999	0.230261832
PR	PineRiver071113_43	PineRiver071113_43_11072013_133559.txt	1238922.245	2385399.646	7/11/2013	0	0.012664525	0.855661333	A	780.8	44.0	11-07-2013 13:35:59	0	0.055	3.71600008	0.230264083
PR	PineRiver071113_44	PineRiver071113_44_11072013_134121.txt	1238749.124	2385549.621	7/11/2013	0	0.002074111	1.253224254	A	781.7	44.1	11-07-2013 13:41:21	0	0.009	5.438000202	0.230456829
PR	PineRiver071113_45	PineRiver071113_45_11072013_134858.txt	1238943.681	2385584.395	7/11/2013	0	0.000230443	0.029266283	A	781.9	44.2	11-07-2013 13:48:58	0	0.001	0.127000004	0.230443165
PR	PineRiver071113_46	PineRiver071113_46_11072013_135422.txt	1238933.605	2385774.963	7/11/2013	0	0.001382577	0.101158552	A	782.1	44.3	11-07-2013 13:54:22	0	0.006	0.439000001	0.2304295
PR	PineRiver071113_47	PineRiver071113_47_11072013_135858.txt	1238946.317	2385960.999	7/11/2013	0	0.000690581	0.025551511	A	781.3	44.3	11-07-2013 13:58:58	0	0.003	0.111000001	0.230193794
PR	PineRiver071113_48	PineRiver071113_48_11072013_140511.txt	1238759.752	2385767.253	7/11/2013	0	0.002299875	0.383619219	A	780.6	44.3	11-07-2013 14:05:11	0	0.01	1.667999983	0.229987547
PR	PineRiver071113_49	PineRiver071113_49_11072013_141011.txt	1238747.504	2386004.422	7/11/2013	0	0.008760799	0.069625296	A	782.5	44.3	11-07-2013 14:10:11	0	0.037999999	0.301999986	0.230547339
PR	PineRiver071113_50	PineRiver071113_50_11072013_141405.txt	1238780.938	2386163.759	7/11/2013	0	0.00276869	0.063679859	A	783.1	44.3	11-07-2013 14:14:05	0	0.012	0.275999993	0.230724126
PR	PineRiver071113_51	PineRiver071113_51_11072013_142342.txt	1238584.21	2386059.216	7/11/2013	4.102996349	0.000691866	0.412813395	A	783.0	44.4	11-07-2013 14:23:42	17.79100037	0.003	1.789999962	0.230622008
PR	PineRiver071113_52	PineRiver071113_52_11072013_143025.txt	1238554.023	2386155.693	7/11/2013	0	0.014506062	0.947729468	A	782.0	44.5	11-07-2013 14:30:25	0	0.063000001	4.116000175	0.230254963
PR	PineRiver071113_53	PineRiver071113_53_11072013_143523.txt	1238551.074	2386364.373	7/11/2013	0	0.004602472	0.082384259	A	781.8	44.6	11-07-2013 14:35:23	0	0.02	0.358000001	0.230123624
PR	PineRiver071113_54	PineRiver071113_54_11072013_143918.txt	1238529.638	2386541.066	7/11/2013	0	0.001614986	0.148809448	A	783.8	44.6	11-07-2013 14:39:18	0	0.007	0.644999981	0.230712339
PR	PineRiver071113_55	PineRiver071113_55_11072013_144401.txt	1238354.46	2386563.567	7/11/2013	0	0.00138604	1.330136418	A	784.8	44.6	11-07-2013 14:44:01	0	0.006	5.757999897	0.231006682
PR	PineRiver071113_56	PineRiver071113_56_11072013_145356.txt	1238728.177	2386386.556	7/11/2013	0	0.001616962	0.083620057	A	785.5	44.9	11-07-2013 14:53:56	0	0.007	0.361999989	0.230994642
PB	PoleBarn061313_01	PoleBarn061313_01_13062013_123746.txt	1236864.648	2384593.143	6/13/2013	0	0	0	A	784.2	31.6	13-06-2013 12:37:46	0	0	-0.200000003	0.240676805
PB	PoleBarn061313_02	PoleBarn061313_02_13062013_124205.txt	1236869.453	2384642.954	6/13/2013	0	0.001437457	0.185671553	A	784.2	33.0	13-06-2013 12:42:05	0	0.006	0.774999976	0.239576206
PB	PoleBarn061313_03	PoleBarn061313_03_13062013_124626.txt	1236870.996	2384693.951	6/13/2013	0	0.004293042	0.070835195	A	784.0	34.3	13-06-2013 12:46:26	0	0.017999999	0.296999991	0.238502353
PB	PoleBarn061313_04	PoleBarn061313_04_13062013_125008.txt	1236912.298	2384695.238	6/13/2013	0	0.000950982	0.077267304	A	783.8	35.2	13-06-2013 12:50:08	0	0.004	0.324999988	0.237745568
PB	PoleBarn061313_05	PoleBarn061313_05_13062013_125428.txt	1236967.589	2384691.729	6/13/2013	0	0.001184966	0.088398449	A	783.6	36.1	13-06-2013 12:54:28	0	0.005	0.372999996	0.236993164
PB	PoleBarn061313_06	PoleBarn061313_06_13062013_125713.txt	1237021.221	2384691.122	6/13/2013	0	0.001419024	0.063146584	A	783.5	36.7	13-06-2013 12:57:13	0	0.006	0.266999999	0.236504063
PB	PoleBarn061313_07	PoleBarn061313_07_13062013_130005.txt	1237071.477	2384693.783	6/13/2013	0	0.002124152	0.104083434	A	783.4	37.3	13-06-2013 13:00:05	0	0.009	0.441000015	0.236016855
PB	PoleBarn061313_08	PoleBarn061313_08_13062013_130402.txt	1237072.001	2384641.035	6/13/2013	0	0.005414101	0.229981601	A	783.1	38.0	13-06-2013 13:04:02	0	0.023	0.976999998	0.2353957
PB	PoleBarn061313_09	PoleBarn061313_09_13062013_130645.txt	1237071.095	2384593.405	6/13/2013	0	0.002351235	0.133785278	A	783.2	38.4	13-06-2013 13:06:45	0	0.01	0.569000006	0.2351235
PB	PoleBarn061313_10	PoleBarn061313_10_13062013_130956.txt	1237070.763	2384540.201	6/13/2013	0	0.002117446	0.132222712	A	784.7	38.8	13-06-2013 13:09:56	0	0.009	0.561999977	0.235271752
PB	PoleBarn061313_11	PoleBarn061313_11_13062013_131259.txt	1237071.246	2384488.579	6/13/2013	0	0.011724568	0.419739515	A	783.1	39.2	13-06-2013 13:12:59	0	0.050000001	1.789999962	0.234491348
PB	PoleBarn061313_12	PoleBarn061313_12_13062013_131532.txt	1237021.549	2384493.166	6/13/2013	0	0.00351332	0.023656355	A	783.2	39.6	13-06-2013 13:15:32	0	0.015	0.101000004	0.234221339
PB	PoleBarn061313_13	PoleBarn061313_13_13062013_131852.txt	1236972.88	2384495.456	6/13/2013	0	0.006549821	0.148540571	A	783.2	40.0	13-06-2013 13:18:52	0	0.028000001	0.63499999	0.233922169
PB	PoleBarn061313_14	PoleBarn061313_14_13062013_132138.txt	1236921.375	2384495.481	6/13/2013	0	0.002803485	0.081534691	A	783.2	40.4	13-06-2013 13:21:38	0	0.012	0.349000007	0.233623743
PB	PoleBarn061313_15	PoleBarn061313_15_13062013_132418.txt	1236872.525	2384490.499	6/13/2013	0	0.00256806	0.131671458	A	783.4	40.7	13-06-2013 13:24:18	0	0.011	0.564000001	0.233460039
PB	PoleBarn061313_16	PoleBarn061313_16_13062013_132738.txt	1236871.525	2384538.749	6/13/2013	0	0.00069989	0.059957236	A	783.6	41.0	13-06-2013 13:27:38	0	0.003	0.256999999	0.233296633
PB	PoleBarn061313_17	PoleBarn061313_17_13062013_133017.txt	1236922.186	2384541.318	6/13/2013	0	0.000699088	0.004194525	A	783.2	41.2	13-06-2013 13:30:17	0	0.003	0.017999999	0.233029187
PB	PoleBarn061313_18	PoleBarn061313_18_13062013_133312.txt	1236925.317	2384594.72	6/13/2013	0	0.001164627	0.096198164	A	783.1	41.3	13-06-2013 13:33:12	0	0.005	0.412999988	0.232925341
PB	PoleBarn061313_19															

APPENDIX B - FLUX METER DATA

AreaAbbrev	SitePt	Filename	Northing	Easting	Date	CH <sub>4</sub> flux	H <sub>2</sub> S flux	CO <sub>2</sub> flux	ACCUMULATION CHAMBER	PRESSURE Hpa	TEMP DegC	TIME	CH <sub>4</sub> slope	H <sub>2</sub> S slope	CO <sub>2</sub> slope	AcK
SFTCE	SFTCE070113_01	SFTCE070113_01_01072013_112945.txt	1243126.442	2377332.891	7/1/2013	0	0.004351895	0.006527842	A	772.0	25.5	01-07-2013 11:29:45	0	0.017999999	0.027000001	0.241771936
SFTCE	SFTCE070113_02	SFTCE070113_02_01072013_113602.txt	1243156.528	2377541.956	7/1/2013	0	0.003362291	0.233919352	A	772.0	27.5	01-07-2013 11:36:02	0	0.014	0.973999977	0.240163609
SFTCE	SFTCE070113_03	SFTCE070113_03_01072013_114105.txt	1242960.885	2377563.354	7/1/2013	0	0.003096202	0.181246892	A	768.9	28.8	01-07-2013 11:41:05	0	0.013	0.760999978	0.238169387
SFTCE	SFTCE070113_04	SFTCE070113_04_01072013_114923.txt	1242950.736	2377359.723	7/1/2013	0.472967863	0	0.344492853	A	768.9	30.8	01-07-2013 11:49:23	1.998999953	0	1.45599997	0.236602232
SFTCE	SFTCE070113_05	SFTCE070113_05_01072013_120132.txt	1243058.534	2377238.743	7/1/2013	0	0.002120981	0.091437854	A	771.9	33.2	01-07-2013 12:01:32	0	0.009	0.388000011	0.235664561
SFTCE	SFTCE070113_06	SFTCE070113_06_01072013_120839.txt	1242768.62	2377372.203	7/1/2013	0	0.008933023	0.115659148	A	773.0	34.4	01-07-2013 12:08:39	0	0.037999999	0.492000014	0.235079557
SFTCE	SFTCE070113_07	SFTCE070113_07_01072013_121524.txt	1242740.54	2377569.098	7/1/2013	0	0.005386869	0.10703475	A	772.4	35.3	01-07-2013 12:15:24	-0.108000003	0.023	0.456999987	0.234211713
SFTCE	SFTCE070113_08	SFTCE070113_08_01072013_122142.txt	1242525.183	2377570.137	7/1/2013	0	0.008637829	1.121517062	A	772.4	36.3	01-07-2013 12:21:42	0	0.037	4.803999901	0.233454838
SFTCE	SFTCE070113_09	SFTCE070113_09_01072013_122653.txt	1242506.688	2377637.502	7/1/2013	81.1348877	0.000933943	0.820935845	A	774.0	36.9	01-07-2013 12:26:53	347.493988	0.004	3.516000032	0.233485729
SFTCE	SFTCE070113_10	SFTCE070113_10_01072013_123603.txt	1242337.923	2377574.466	7/1/2013	0	0.000697396	0.098332845	A	773.6	38.1	01-07-2013 12:36:03	0	0.003	0.423000008	0.232465342
SFTCE	SFTCE070113_100	SFTCE070113_100_02072013_160236.txt	1241336.537	2380979.74	7/2/2013	0	0.001576356	0	A	767.7	45.7	02-07-2013 16:02:36	0	0.007	-1.376000047	0.225193694
SFTCE	SFTCE070113_101	SFTCE070113_101_02072013_160845.txt	1241331.986	2380787.474	7/2/2013	0	0.002704229	0.037859198	A	768.0	45.6	02-07-2013 16:08:45	0	0.012	0.167999998	0.225352377
SFTCE	SFTCE070113_102	SFTCE070113_102_02072013_161237.txt	1241323.918	2380564.696	7/2/2013	0	0.001802584	0.002703876	A	767.9	45.6	02-07-2013 16:12:37	0	0.008	0.012	0.225323036
SFTCE	SFTCE070113_103	SFTCE070113_103_02072013_161914.txt	1241160.888	2380951.71	7/2/2013	0	0.001804324	0.089314036	A	768.4	45.5	02-07-2013 16:19:14	0	0.008	0.395999998	0.225540504
SFTCE	SFTCE070113_104	SFTCE070113_104_02072013_162336.txt	1241125.219	2381152.428	7/2/2013	0	0.001581129	0.085155085	A	769.3	45.4	02-07-2013 16:23:36	0	0.007	0.377000004	0.225875556
SFTCE	SFTCE070113_105	SFTCE070113_105_02072013_162845.txt	1240976.841	2381171.968	7/2/2013	0	0.003394413	0.104774214	A	770.0	45.1	02-07-2013 16:28:45	0	0.015	0.463	0.226294205
SFTCE	SFTCE070113_11	SFTCE070113_11_01072013_124023.txt	1242146.67	2377558.818	7/1/2013	0	0.004184947	0.107878648	A	774.7	38.5	01-07-2013 12:40:23	0	0.017999999	0.463999987	0.232497096
SFTCE	SFTCE070113_12	SFTCE070113_12_01072013_124502.txt	1242139.384	2377747.902	7/1/2013	0	0.011142679	0.064302541	A	774.5	38.9	01-07-2013 12:45:02	0	0.048	0.277000001	0.232139125
SFTCE	SFTCE070113_13	SFTCE070113_13_01072013_125118.txt	1242379.753	2377788.373	7/1/2013	0	0.005092933	0.257424593	A	773.1	39.2	01-07-2013 12:51:18	0	0.022	1.111999989	0.231496945
SFTCE	SFTCE070113_14	SFTCE070113_14_01072013_125545.txt	1242527.24	2377779.136	7/1/2013	0	0.003935474	0.215756536	A	773.6	39.4	01-07-2013 12:55:45	-0.064000003	0.017000001	0.931999981	0.231498435
SFTCE	SFTCE070113_15	SFTCE070113_15_01072013_130123.txt	1242734.666	2377793.93	7/1/2013	0	0.001386931	0.051316444	A	772.7	39.5	01-07-2013 13:01:23	0	0.006	0.222000003	0.231155157
SFTCE	SFTCE070113_16	SFTCE070113_16_01072013_130950.txt	1242950.517	2377787.306	7/1/2013	0	0	0.208668426	A	771.0	39.6	01-07-2013 13:09:50	0	-0.003	0.904999971	0.23057285
SFTCE	SFTCE070113_17	SFTCE070113_17_01072013_131749.txt	1243172.203	2377770.035	7/1/2013	0	0.009180071	0.118422903	A	768.4	40.0	01-07-2013 13:17:49	0	0.039999999	0.515999973	0.229501769
SFTCE	SFTCE070113_18	SFTCE070113_18_01072013_132542.txt	1243146.925	2377975.54	7/1/2013	0	0.001142382	0.064658836	A	765.7	40.3	01-07-2013 13:25:42	0	0.005	0.282999992	0.228476465
SFTCE	SFTCE070113_19	SFTCE070113_19_01072013_133226.txt	1242940.301	2377958.879	7/1/2013	0	0.001596019	0.162793979	A	764.6	40.5	01-07-2013 13:32:26	0	0.007	0.713999987	0.228002772
SFTCE	SFTCE070113_20	SFTCE070113_20_01072013_133735.txt	1242968.584	2378170.142	7/1/2013	0	0.00091547	0.030668251	A	767.5	40.5	01-07-2013 13:37:35	0	0.004	0.134000003	0.228867546
SFTCE	SFTCE070113_21	SFTCE070113_21_01072013_134231.txt	1242782.446	2378183.075	7/1/2013	0	0	0.135639831	A	767.3	40.6	01-07-2013 13:42:31	0	-0.001	0.592999995	0.22873497
SFTCE	SFTCE070113_22	SFTCE070113_22_01072013_134857.txt	1242790.01	2377978.09	7/1/2013	0	0.010998668	0.206454158	A	768.9	40.7	01-07-2013 13:48:57	0	0.048	0.901000023	0.229138911
SFTCE	SFTCE070113_23	SFTCE070113_23_01072013_135510.txt	1242539.848	2377958.978	7/1/2013	0	0.010543131	0.218884572	A	769.1	40.7	01-07-2013 13:55:10	0	0.046	0.954999983	0.229198515
SFTCE	SFTCE070113_24	SFTCE070113_24_01072013_140038.txt	1242566.296	2378153.198	7/1/2013	0	0.010114892	0.456779361	A	771.4	40.7	01-07-2013 14:00:38	0	0.044	1.986999989	0.229883924
SFTCE	SFTCE070113_25	SFTCE070113_25_01072013_140716.txt	1242375.69	2378147.882	7/1/2013	0	0.002525773	0.198617592	A	770.5	40.7	01-07-2013 14:07:16	0	0.011	0.865000001	0.229615718
SFTCE	SFTCE070113_26	SFTCE070113_26_01072013_141240.txt	1242372.137	2377982.618	7/1/2013	0	0.002064127	0.386450559	A	769.6	40.7	01-07-2013 14:12:40	0	0.009	1.684999943	0.229347512
SFTCE	SFTCE070113_27	SFTCE070113_27_01072013_141909.txt	1242133.78	2377967.654	7/1/2013	0	0.001609074	0.123438992	A	771.1	40.6	01-07-2013 14:19:09	0	0.007	0.537	0.229867771
SFTCE	SFTCE070113_28	SFTCE070113_28_01072013_142428.txt	1242127.874	2378171.004	7/1/2013	0	0.002989831	0.154321283	A	771.5	40.6	01-07-2013 14:24:28	0	0.013	0.671000004	0.22998701
SFTCE	SFTCE070113_29	SFTCE070113_29_01072013_143026.txt	1242138.364	2378364.647	7/1/2013	0	0.002296753	0.118512459	A	770.7	40.7	01-07-2013 14:30:26	0	0.01	0.515999973	0.229675323
SFTCE	SFTCE070113_30	SFTCE070113_30_01072013_145246.txt	1242398.548	2378391.344	7/1/2013	0	0.002977723	0	A	769.6	41.1	01-07-2013 14:52:46	0	0.013	-1.067999959	0.229055583
SFTCE	SFTCE070113_31	SFTCE070113_31_01072013_145947.txt	1242610.865	2378563.934	7/1/2013	0	0.002054418	0.129884854	A	767.2	41.2	01-07-2013 14:59:47	0	0.009	0.569000006	0.228268638
SFTCE	SFTCE070113_32	SFTCE070113_32_01072013_150550.txt	1242710.454	2378577.974	7/1/2013	0	0.000455678	0	A	766.0	41.3	01-07-2013 15:05:50	0	0.002	-0.067000002	0.227839112
SFTCE	SFTCE070113_33	SFTCE070113_33_01072013_150936.txt	1242778.665	2378408.265	7/1/2013	0	0.002275883	0.067593716	A	765.4	41.4	01-07-2013 15:09:36	0	0.01	0.296999991	0.227588266
SFTCE	SFTCE070113_34	SFTCE070113_34_01072013_151352.txt	1242557.462	2378370.208	7/1/2013	0	0.008428467	0.171075106	A	766.1	41.4	01-07-2013 15:13:52	0	0.037	0.750999987	0.22779642
SFTCE	SFTCE070113_35	SFTCE070113_35_01072013_151905.txt	1242344.118	2378550.78	7/1/2013	0	0.006156926	0.154607236	A	766.9	41.4	01-07-2013 15:19:05	0	0.027000001	0.677999973	0.228034288
SFTCE	SFTCE070113_36	SFTCE070113_36_01072013_152325.txt	1242136.427	2378603.401	7/1/2013	0	0.005474964	0.062962085	A	767.2	41.4	01-07-2013 15:23:25	0	0.024	0.275999993	0.228123501
SFTCE	SFTCE070113_37	SFTCE070113_37_01072013_152720.txt	1242124.901	2378735.889	7/1/2013	0	0.004563992	0.048378319	A	767.7	41.5	01-07-2013 15:27:20	0	0.02	0.211999997	0.228199616
SFTCE	SFTCE070113_38	SFTCE070113_38_01072013_153159.txt	1242319.892	2378775.531	7/1/2013	0	0.001824988	0.092161901	A	767.2	41.4	01-07-2013 15:31:59	0	0.008	0.404000014	0.228123501
SFTCE	SFTCE070113_39	SFTCE070113_39_01072013_153557.txt	1242559.97	2378775.136	7/1/2013	0	0.000227648	0	A	765.6	41.4	01-07-2013 15:35:57	0	0.001	-0.193000004	0.227647737
SFTCE	SFTCE070113_40	SFTCE070113_40_01072013_154021.txt	1242756.867	2378762.844	7/1/2013	0	0.001364994	0.08303716	A	765.1	41.4	01-07-2013 15:40:21	0	0.006	0.365000001	0.227499068
SFTCE	SFTCE070113_41	SFTCE070113_41_02072013_101138.txt	1240514.527	2381185.283	7/2/2013	0	0	0.098861359	A	776.3	26.5	02-07-2013 10:11:38	0	-0.007	0.407999992	0.242307261
SFTCE	SFTCE070113_42	SFTCE070113_42_02072013_101624.txt	1240757.316	2381157.235	7/2/2013	0	0	0.071797527	A	776.3	27.2	02-07-2013 10:16:24	0	-0.001	0.296999991	0.241742522
SFTCE	SFTCE070113_43	SFTCE070113_43_02072013_102029.txt	1240774.458	2380982.931	7/2/2013	0	0.005541433	0.124320842	A	775.5	27.9	02-07-2013 10:20:29	0	0.023	0.515999973	0.240931883
SFTCE	SFTCE070113_44	SFTCE070113_44_02072013_102406.txt	1240944.48	2380948.78	7/2/2013	0	0.00528382	0.020654932	A	774.6	28.5	02-07-2013 10:24:06	0	0.022	0.086000003	0.240173608
SFTCE	SFTCE070113_45	SFTCE070113_45_02072013_103008.txt	1240971.402	2380744.734	7/2/2013	0	0.006461495	0.076819986	A	774.9	29.7	02-07-2013 10:30:08	0	0.027000001	0.321000001	

APPENDIX B - FLUX METER DATA

AreaAbbrev	SitePt	Filename	Northing	Easting	Date	CH <sub>4</sub> flux	H <sub>2</sub> S flux	CO <sub>2</sub> flux	ACCUMULATION CHAMBER	PRESSURE Hpa	TEMP DegC	TIME	CH <sub>4</sub> slope	H <sub>2</sub> S slope	CO <sub>2</sub> slope	AcK
SFTCE	SFTCE070113_52	SFTCE070113_52_02072013_110200.txt	1241568.969	2379986.431	7/2/2013	0	0.003763927	0.033875342	A	774.3	34.7	02-07-2013 11:02:00	0	0.016000001	0.143999994	0.235245436
SFTCE	SFTCE070113_53	SFTCE070113_53_02072013_110731.txt	1241550.634	2379729.342	7/2/2013	0	0.004219085	0.014532406	A	773.0	35.3	02-07-2013 11:07:31	0	0.017999999	0.061999999	0.234393641
SFTCE	SFTCE070113_54	SFTCE070113_54_02072013_111407.txt	1241744.714	2379778.389	7/2/2013	0	0.008663002	0.016857734	A	773.9	36.0	02-07-2013 11:14:07	0	0.037	0.071999997	0.234135196
SFTCE	SFTCE070113_55	SFTCE070113_55_02072013_112011.txt	1241730.289	2379562.117	7/2/2013	0	0.006993238	0.138932347	A	772.0	36.6	02-07-2013 11:20:11	0	0.029999999	0.596000016	0.233107954
SFTCE	SFTCE070113_56	SFTCE070113_56_02072013_112459.txt	1241946.499	2379526.02	7/2/2013	0	0.002796405	0.018176632	A	773.0	37.1	02-07-2013 11:24:59	0	0.012	0.078000002	0.233033746
SFTCE	SFTCE070113_57	SFTCE070113_57_02072013_112902.txt	1241905.784	2379383.788	7/2/2013	0	0.00371771	0.196806267	A	771.5	37.4	02-07-2013 11:29:02	0	0.016000001	0.847000003	0.232356861
SFTCE	SFTCE070113_58	SFTCE070113_58_02072013_113415.txt	1241951.843	2379175.838	7/2/2013	0	0.002089605	0.03668417	A	771.9	37.8	02-07-2013 11:34:15	0	0.009	0.158000007	0.232178286
SFTCE	SFTCE070113_59	SFTCE070113_59_02072013_113859.txt	1241962.578	2378984.481	7/2/2013	0	0.003011111	0.051652141	A	770.8	38.1	02-07-2013 11:38:59	0	0.013	0.223000005	0.231623948
SFTCE	SFTCE070113_60	SFTCE070113_60_02072013_114410.txt	1242122.227	2378984.357	7/2/2013	0	0.00046271	0.022441445	A	770.4	38.3	02-07-2013 11:44:10	0	0.002	0.097000003	0.231355086
SFTCE	SFTCE070113_61	SFTCE070113_61_02072013_114933.txt	1242349.691	2378943.46	7/2/2013	0	0.000691909	0	A	768.5	38.5	02-07-2013 11:49:33	0	0.003	-0.083999999	0.230636403
SFTCE	SFTCE070113_62	SFTCE070113_62_02072013_115348.txt	1242529.478	2378984.553	7/2/2013	0	0.000920035	0.022540843	A	766.9	38.7	02-07-2013 11:53:48	0	0.004	0.097999997	0.230008617
SFTCE	SFTCE070113_63	SFTCE070113_63_02072013_115939.txt	1242782.966	2378980.038	7/2/2013	0	0.002527334	0.055141822	A	766.8	39.0	02-07-2013 11:59:39	0	0.011	0.239999995	0.229757592
SFTCE	SFTCE070113_64	SFTCE070113_64_02072013_120536.txt	1242733.124	2379191.498	7/2/2013	0	0.003206162	0.062520169	A	764.8	39.2	02-07-2013 12:05:36	0	0.014	0.273000002	0.229011595
SFTCE	SFTCE070113_65	SFTCE070113_65_02072013_121226.txt	1242723.293	2379375.774	7/2/2013	0	0.003886354	0.151567787	A	763.7	39.3	02-07-2013 12:12:26	0	0.017000001	0.662999988	0.228609025
SFTCE	SFTCE070113_66	SFTCE070113_66_02072013_121741.txt	1242746.492	2379572.013	7/2/2013	0	0.002738839	0.16980806	A	762.7	39.4	02-07-2013 12:17:41	0	0.012	0.744000018	0.228236631
SFTCE	SFTCE070113_67	SFTCE070113_67_02072013_122356.txt	1242536.758	2379750.102	7/2/2013	0	0.003875158	0.155918121	A	761.5	39.3	02-07-2013 12:23:56	0	0.017000001	0.684000015	0.227950469
SFTCE	SFTCE070113_68	SFTCE070113_68_02072013_122916.txt	1242568.824	2379602.023	7/2/2013	0	0.003427339	0.17753619	A	763.3	39.3	02-07-2013 12:29:16	0	0.015	0.777000001	0.228489295
SFTCE	SFTCE070113_69	SFTCE070113_69_02072013_123318.txt	1242574.636	2379398.929	7/2/2013	0	0.003199688	0.044338536	A	763.5	39.3	02-07-2013 12:33:18	0	0.014	0.194000006	0.228549153
SFTCE	SFTCE070113_70	SFTCE070113_70_02072013_123754.txt	1242593.643	2379191.238	7/2/2013	0	0.005489811	0.109796211	A	763.9	39.2	02-07-2013 12:37:54	0	0.024	0.479999989	0.228742108
SFTCE	SFTCE070113_71	SFTCE070113_71_02072013_124249.txt	1242372.089	2379134.962	7/2/2013	0	0.001833506	0.000229188	A	764.9	39.0	02-07-2013 12:42:49	0	0.008	0.001	0.229188293
SFTCE	SFTCE070113_72	SFTCE070113_72_02072013_125027.txt	1242137.105	2379147.866	7/2/2013	0	0.00943414	0.153017148	A	767.7	38.9	02-07-2013 12:50:27	0	0.041000001	0.665000021	0.230100974
SFTCE	SFTCE070113_73	SFTCE070113_73_02072013_125730.txt	1242159.888	2379353.812	7/2/2013	0	0.001612708	0	A	768.9	39.0	02-07-2013 12:57:30	0	0.007	-0.224999994	0.230386823
SFTCE	SFTCE070113_74	SFTCE070113_74_02072013_130310.txt	1242299.1	2379395.764	7/2/2013	0	0	0.03661757	A	769.1	39.2	02-07-2013 13:03:10	0	-0.002	0.158999994	0.23029919
SFTCE	SFTCE070113_75	SFTCE070113_75_02072013_131107.txt	1242310.699	2379562.781	7/2/2013	0	0.000229483	0.005048619	A	767.6	39.7	02-07-2013 13:11:07	0	0.001	0.022	0.229482681
SFTCE	SFTCE070113_76	SFTCE070113_76_02072013_131855.txt	1242287.409	2379729.443	7/2/2013	0	0.002513935	0	A	766.4	40.5	02-07-2013 13:18:55	0	0.011	-0.372000009	0.228539526
SFTCE	SFTCE070113_77	SFTCE070113_77_02072013_132834.txt	1242362.297	2380003.208	7/2/2013	0	0.003189513	0.152868792	A	765.7	41.2	02-07-2013 13:28:34	0	0.014	0.671000004	0.227822334
SFTCE	SFTCE070113_78	SFTCE070113_78_02072013_133819.txt	1242145.315	2379940.928	7/2/2013	0	0.000908994	0	A	764.5	41.5	02-07-2013 13:38:19	0	0.004	-0.054000001	0.227248415
SFTCE	SFTCE070113_79	SFTCE070113_79_02072013_134451.txt	1242163.613	2379787.416	7/2/2013	0	0.000455099	0.002275496	A	766.0	41.7	02-07-2013 13:44:51	0	0.002	0.01	0.227549657
SFTCE	SFTCE070113_80	SFTCE070113_80_02072013_134949.txt	1242174.068	2379589.401	7/2/2013	0	0	0.073201373	A	767.9	41.8	02-07-2013 13:49:49	0	-0.002	0.321000001	0.228041649
SFTCE	SFTCE070113_81	SFTCE070113_81_02072013_135751.txt	1241982.413	2379725.761	7/2/2013	0	0.0006828	0	A	766.9	42.0	02-07-2013 13:57:51	0	0.003	-0.089000002	0.227600142
SFTCE	SFTCE070113_82	SFTCE070113_82_02072013_140808.txt	1241946.577	2379981.736	7/2/2013	0	0.00227773	0.122997418	A	768.7	42.5	02-07-2013 14:08:08	0	0.01	0.540000021	0.227772981
SFTCE	SFTCE070113_83	SFTCE070113_83_02072013_141355.txt	1241905.961	2380170.113	7/2/2013	0	0.003631977	0.152770028	A	767.3	43.0	02-07-2013 14:13:55	0	0.016000001	0.672999978	0.226998568
SFTCE	SFTCE070113_84	SFTCE070113_84_02072013_141929.txt	1241945.282	2380345.381	7/2/2013	0	0.008373663	0.172678515	A	766.2	43.5	02-07-2013 14:19:29	0	0.037	0.763000011	0.226315215
SFTCE	SFTCE070113_85	SFTCE070113_85_02072013_143255.txt	1241921.726	2380547.887	7/2/2013	0	0.00293331	0.183219016	A	765.6	44.2	02-07-2013 14:32:55	0	0.013	0.811999977	0.225639194
SFTCE	SFTCE070113_86	SFTCE070113_86_02072013_143950.txt	1241931.229	2380773.735	7/2/2013	0	0.005178028	0.336571813	A	764.6	44.5	02-07-2013 14:39:50	0	0.023	1.495000005	0.225131646
SFTCE	SFTCE070113_87	SFTCE070113_87_02072013_144615.txt	1241753.585	2380970.425	7/2/2013	0	0.001570934	0	A	762.9	44.8	02-07-2013 14:46:15	0	0.007	-0.013	0.224419147
SFTCE	SFTCE070113_88	SFTCE070113_88_02072013_145119.txt	1241780.354	2380788.75	7/2/2013	0	0.00044932	0	A	764.2	45.0	02-07-2013 14:51:19	0	0.002	-0.004	0.224660233
SFTCE	SFTCE070113_89	SFTCE070113_89_02072013_145739.txt	1241756.408	2380581.183	7/2/2013	0	0.005844532	0.070583969	A	764.4	44.9	02-07-2013 14:57:39	0	0.026000001	0.314000001	0.224789694
SFTCE	SFTCE070113_90	SFTCE070113_90_02072013_150235.txt	1241736.777	2380373.815	7/2/2013	0	0.002251426	0.056285646	A	765.6	44.9	02-07-2013 15:02:35	0	0.01	0.25	0.225142583
SFTCE	SFTCE070113_91	SFTCE070113_91_02072013_150747.txt	1241755.685	2380177.862	7/2/2013	0	0.001577027	0.044156764	A	766.1	44.9	02-07-2013 15:07:47	0	0.007	0.195999995	0.225289613
SFTCE	SFTCE070113_92	SFTCE070113_92_02072013_151249.txt	1241791.341	2379959.571	7/2/2013	0	0.000901913	0.010146516	A	766.5	44.8	02-07-2013 15:12:49	0	0.004	0.045000002	0.225478142
SFTCE	SFTCE070113_93	SFTCE070113_93_02072013_151905.txt	1241550.949	2380167.775	7/2/2013	0	0.001129242	0.078369379	A	768.0	44.9	02-07-2013 15:19:05	0	0.005	0.347000003	0.225848362
SFTCE	SFTCE070113_94	SFTCE070113_94_02072013_152528.txt	1241574.6	2380370.961	7/2/2013	0	0.001354767	0.024611609	A	768.3	45.1	02-07-2013 15:25:28	0	0.006	0.108999997	0.225794584
SFTCE	SFTCE070113_95	SFTCE070113_95_02072013_153332.txt	1241564.746	2380563.787	7/2/2013	0	0.001579279	0.050085708	A	768.4	45.4	02-07-2013 15:33:32	0	0.007	0.222000003	0.225611299
SFTCE	SFTCE070113_96	SFTCE070113_96_02072013_153834.txt	1241539.395	2380721.555	7/2/2013	0	0.004722541	0.196097866	A	766.4	45.6	02-07-2013 15:38:34	0	0.021	0.871999979	0.224882886
SFTCE	SFTCE070113_97	SFTCE070113_97_02072013_154407.txt	1241583.942	2380942.699	7/2/2013	0	0.002021357	0	A	765.9	45.8	02-07-2013 15:44:07	0	0.009	-0.126000002	0.224595249
SFTCE	SFTCE070113_98	SFTCE070113_98_02072013_155014.txt	1241580.115	2381169.514	7/2/2013	0	0.001346446	0.092904747	A	765.5	45.9	02-07-2013 15:50:14	0	0.006	0.414000005	0.224407598
SFTCE	SFTCE070113_99	SFTCE070113_99_02072013_155709.txt	1241354.906	2381184.122	7/2/2013	0	0.002694088	0.084414735	A	765.6	45.8	02-07-2013 15:57:09	0	0.012	0.375999987	0.224507287
SFTCW	SFTCW062113_01	SFTCW062113_01_21062013_102744.txt	1243382.214	2373800.664	6/21/2013	2.279812098	0.000239677	0.290249407	A	777.1	30.1	21-06-2013 10:27:44	9.512000084	0.001	1.210999966	0.239677474
SFTCW	SFTCW062113_02	SFTCW062113_02_21062013_103137.txt	1243430.995	2373765.669	6/21/2013	0	0.000239125	0.019369164	A	777.1	30.8	21-06-2013 10:31:37	0	0.001	0.081	0.23912549
SFTCW	SFTCW062113_03	SFTCW062113_03_21062013_103433.txt	1243458.554	2373845.49	6/21/2013	0	0	0.053928949	A	777.0	31.4	21-06-2013 10:34:33	0	0	0.225999996	0.238623679
SFTCW	SFTCW062113_04	SFTCW062113_04_21062013_104012.txt														



APPENDIX B - FLUX METER DATA

AreaAbbrev	SitePt	Filename	Northing	Easting	Date	CH <sub>4</sub> flux	H <sub>2</sub> S flux	CO <sub>2</sub> flux	ACCUMULATION CHAMBER	PRESSURE Hpa	TEMP DegC	TIME	CH <sub>4</sub> slope	H <sub>2</sub> S slope	CO <sub>2</sub> slope	AcK
SFTCW	SFTCW062113_10	SFTCW062113_10_21062013_110418.txt	1243291.024	2373816.807	6/21/2013	5.482552528	0.000938954	1.211720228	A	777.4	36.6	21-06-2013 11:04:18	23.3560009	0.004	5.162000179	0.234738499
SFTCW	SFTCW062113_100	SFTCW062113_100_25062013_115519.txt	1242940.686	2374258.919	6/25/2013	0	0.001860723	0.126529127	A	777.0	39.3	25-06-2013 11:55:19	0	0.008	0.54400003	0.232590303
SFTCW	SFTCW062113_101	SFTCW062113_101_25062013_115941.txt	1242808.889	2374323.661	6/25/2013	0	0.002324552	0.176433474	A	776.3	39.2	25-06-2013 11:59:41	0	0.01	0.759000003	0.232455164
SFTCW	SFTCW062113_102	SFTCW062113_102_25062013_120519.txt	1242556.079	2374367.588	6/25/2013	0	0.003020548	0.141733438	A	775.7	39.1	25-06-2013 12:05:19	0	0.013	0.610000014	0.232349887
SFTCW	SFTCW062113_103	SFTCW062113_103_25062013_121046.txt	1242574.437	2374537.738	6/25/2013	0	0.005807612	0.089669526	A	775.3	39.0	25-06-2013 12:10:46	0	0.025	0.386000007	0.232304469
SFTCW	SFTCW062113_104	SFTCW062113_104_25062013_121542.txt	1242804.973	2374573.014	6/25/2013	0	0.004879957	0.481489122	A	775.3	38.9	25-06-2013 12:15:42	0	0.021	2.072000027	0.232378915
SFTCW	SFTCW062113_105	SFTCW062113_105_25062013_122012.txt	1242942.438	2374360.189	6/25/2013	0	0.00185999	0.09416201	A	775.7	38.9	25-06-2013 12:20:12	-0.061000001	0.008	0.405000001	0.232498795
SFTCW	SFTCW062113_106	SFTCW062113_106_25062013_122302.txt	1242995.098	2374345.473	6/25/2013	0	0.002557487	0.071377136	A	775.7	38.9	25-06-2013 12:23:02	0	0.011	0.307000011	0.232498795
SFTCW	SFTCW062113_107	SFTCW062113_107_25062013_122556.txt	1243056.533	2374345.857	6/25/2013	0	0.002093029	0.045814071	A	775.9	38.9	25-06-2013 12:25:56	0	0.009	0.196999997	0.232558742
SFTCW	SFTCW062113_108	SFTCW062113_108_25062013_123002.txt	1243154.989	2374357.988	6/25/2013	0	0.001861429	0.074689843	A	776.3	38.9	25-06-2013 12:30:02	0	0.008	0.321000001	0.232678637
SFTCW	SFTCW062113_109	SFTCW062113_109_25062013_123324.txt	1243195.124	2374346.924	6/25/2013	0	0.001628858	0.352066001	A	776.6	39.0	25-06-2013 12:33:24	0	0.007	1.513000011	0.232693985
SFTCW	SFTCW062113_11	SFTCW062113_11_21062013_110809.txt	1243329.282	2373903.408	6/21/2013	0	0.001406161	0.726985335	A	777.4	37.1	21-06-2013 11:08:09	0	0.006	3.101999998	0.234360203
SFTCW	SFTCW062113_110	SFTCW062113_110_25062013_123847.txt	1243450.56	2374456.582	6/25/2013	0	0.003258769	0.168059394	A	777.1	39.1	25-06-2013 12:38:47	0	0.014	0.722000003	0.232769236
SFTCW	SFTCW062113_111	SFTCW062113_111_25062013_124510.txt	1243342.676	2374458.309	6/25/2013	0	0.001862883	0.72978425	A	778.4	39.5	25-06-2013 12:45:10	0	0.008	3.134000063	0.232860327
SFTCW	SFTCW062113_112	SFTCW062113_112_25062013_124900.txt	1243253.31	2374459.239	6/25/2013	0	0.008838492	1.871434212	A	778.0	39.7	25-06-2013 12:49:00	-0.0500000001	0.037999999	8.045999527	0.232591882
SFTCW	SFTCW062113_113	SFTCW062113_113_25062013_125316.txt	1243156.25	2374458.224	6/25/2013	0	0.001625848	0.327260017	A	777.4	39.9	25-06-2013 12:53:16	0	0.007	1.409000039	0.232264027
SFTCW	SFTCW062113_114	SFTCW062113_114_25062013_125730.txt	1243058.178	2374463.806	6/25/2013	0	0.006265125	0.12692678	A	777.4	40.2	25-06-2013 12:57:30	0	0.0270000001	0.546999991	0.232041657
SFTCW	SFTCW062113_115	SFTCW062113_115_25062013_130107.txt	1242966.956	2374463.731	6/25/2013	0	0.003703139	0.112251416	A	775.9	40.4	25-06-2013 13:01:07	0	0.0160000001	0.485000014	0.231446207
SFTCW	SFTCW062113_116	SFTCW062113_116_25062013_130615.txt	1242959.903	2374533.914	6/25/2013	0	0.00208101	0.086477526	A	775.4	40.5	25-06-2013 13:06:15	0	0.009	0.374000013	0.231223315
SFTCW	SFTCW062113_117	SFTCW062113_117_25062013_130947.txt	1243041.111	2374560.788	6/25/2013	0	0.004622396	0.126884773	A	775.3	40.6	25-06-2013 13:09:47	0	0.02	0.549000025	0.231119797
SFTCW	SFTCW062113_118	SFTCW062113_118_25062013_131316.txt	1243173.418	2374552.429	6/25/2013	0	0.003700553	0.695472717	A	776.1	40.7	25-06-2013 13:13:16	0	0.0160000001	3.006999969	0.231284574
SFTCW	SFTCW062113_119	SFTCW062113_119_25062013_131628.txt	1243247.763	2374560.723	6/25/2013	0	0.004399503	0.877353489	A	777.0	40.7	25-06-2013 13:16:28	0	0.018999999	3.789000034	0.23155278
SFTCW	SFTCW062113_12	SFTCW062113_12_21062013_111107.txt	1243298.489	2373919.004	6/21/2013	1.214451432	0.000702266	1.005176187	A	777.5	37.5	21-06-2013 11:11:07	5.188000202	0.003	4.294000149	0.23408854
SFTCW	SFTCW062113_120	SFTCW062113_120_25062013_132108.txt	1243369.547	2374601.797	6/25/2013	0	0.009263927	0.753620505	A	777.4	40.8	25-06-2013 13:21:08	-0.017999999	0.039999999	3.253999949	0.231598184
SFTCW	SFTCW062113_121	SFTCW062113_121_25062013_132421.txt	1243404.109	2374728.972	6/25/2013	0	0.005793323	0.153870657	A	778.1	40.9	25-06-2013 13:24:21	0	0.025	0.663999975	0.23173292
SFTCW	SFTCW062113_122	SFTCW062113_122_25062013_132922.txt	1243250.809	2374668.068	6/25/2013	0	0.003474887	0.862467051	A	778.1	41.0	25-06-2013 13:29:22	0	0.015	3.723000005	0.231659159
SFTCW	SFTCW062113_123	SFTCW062113_123_25062013_133318.txt	1243143.313	2374653.733	6/25/2013	0	0.003238863	0.173510507	A	777.3	41.1	25-06-2013 13:33:18	0	0.014	0.75	0.231347337
SFTCW	SFTCW062113_124	SFTCW062113_124_25062013_133710.txt	1243059.643	2374653.627	6/25/2013	0	0.003000037	0.194562435	A	775.7	41.2	25-06-2013 13:37:10	0	0.013	0.842999995	0.230797678
SFTCW	SFTCW062113_125	SFTCW062113_125_25062013_134212.txt	1242953.353	2374652.062	6/25/2013	0	0.003691589	0.189193904	A	775.7	41.3	25-06-2013 13:42:12	0	0.0160000001	0.819999993	0.230724275
SFTCW	SFTCW062113_126	SFTCW062113_126_25062013_134549.txt	1242985.157	2374731.64	6/25/2013	0	0.005070395	0.442276776	A	775.1	41.4	25-06-2013 13:45:49	-0.014	0.022	1.919000003	0.23047252
SFTCW	SFTCW062113_127	SFTCW062113_127_25062013_135003.txt	1242799.971	2374748.158	6/25/2013	0	0.002536354	1.036907673	A	775.7	41.5	25-06-2013 13:50:03	-0.025	0.011	4.4970000217	0.230577633
SFTCW	SFTCW062113_128	SFTCW062113_128_25062013_135344.txt	1242609.118	2374745.87	6/25/2013	0	0.003686168	0.145834029	A	775.3	41.6	25-06-2013 13:53:44	0	0.0160000001	0.633000016	0.230385512
SFTCW	SFTCW062113_129	SFTCW062113_129_25062013_135852.txt	1242399.208	2374937.447	6/25/2013	0	0.005304334	0.157285035	A	776.1	41.6	25-06-2013 13:58:52	0	0.023	0.681999981	0.23062323
SFTCW	SFTCW062113_13	SFTCW062113_13_21062013_111619.txt	1243238.625	2373923.174	6/21/2013	0	0.000233773	1.263540387	A	777.7	38.0	21-06-2013 11:16:19	0	0.001	5.405000021	0.233772486
SFTCW	SFTCW062113_130	SFTCW062113_130_25062013_140233.txt	1242579.623	2374967.907	6/25/2013	0	0.001844875	0.075178668	A	776.3	41.7	25-06-2013 14:02:33	0	0.008	0.3260000005	0.230609402
SFTCW	SFTCW062113_131	SFTCW062113_131_25062013_140642.txt	1242809.549	2374923.42	6/25/2013	0	0.00392137	0.147858709	A	776.5	41.7	25-06-2013 14:06:42	-0.014	0.0170000001	0.640999973	0.230668813
SFTCW	SFTCW062113_132	SFTCW062113_132_25062013_141111.txt	1242997.279	2374964.427	6/25/2013	0	0.005067876	0.141670167	A	775.7	41.8	25-06-2013 14:11:11	0	0.022	0.615000001	0.23035799
SFTCW	SFTCW062113_133	SFTCW062113_133_25062013_141538.txt	1243184.622	2374957.892	6/25/2013	0	0.003916086	0.829288721	A	775.7	41.8	25-06-2013 14:15:38	0	0.0170000001	3.599999905	0.23035799
SFTCW	SFTCW062113_134	SFTCW062113_134_25062013_141922.txt	1243173.668	2374860.489	6/25/2013	0	0.000920308	0.243421525	A	775.0	41.9	25-06-2013 14:19:22	0	0.004	1.057999969	0.230077058
SFTCW	SFTCW062113_135	SFTCW062113_135_25062013_142502.txt	1243189.153	2374732.61	6/25/2013	0	0.005061042	0.537390649	A	774.9	41.9	25-06-2013 14:25:02	0	0.022	2.335999966	0.230047375
SFTCW	SFTCW062113_136	SFTCW062113_136_25062013_143121.txt	1243546.813	2374599.517	6/25/2013	0	0.005065313	0.1703787	A	775.8	42.0	25-06-2013 14:31:21	0	0.022	0.740000001	0.230241477
SFTCW	SFTCW062113_137	SFTCW062113_137_25062013_150141.txt	1243566.304	2374940.14	6/25/2013	0	0.007608423	0.136951625	A	778.1	42.5	25-06-2013 15:01:41	0	0.033	0.593999982	0.230558291
SFTCW	SFTCW062113_138	SFTCW062113_138_25062013_150604.txt	1243406.862	2374921.846	6/25/2013	0	0	0.01680829	A	777.8	42.8	25-06-2013 15:06:04	0	0	0.072999999	0.230250552
SFTCW	SFTCW062113_139	SFTCW062113_139_25062013_152054.txt	1242775.057	2375194.975	6/25/2013	0	0.015159761	0.238191977	A	776.9	43.2	25-06-2013 15:20:54	0	0.066	1.036999941	0.229693338
SFTCW	SFTCW062113_14	SFTCW062113_14_21062013_111936.txt	1243238.403	2373969.738	6/21/2013	0	0.000933889	0.16996786	A	777.7	38.4	21-06-2013 11:19:36	0	0.004	0.727999985	0.233472347
SFTCW	SFTCW062113_140	SFTCW062113_140_25062013_153035.txt	1242560.808	2375165.497	6/25/2013	0.313024044	0.000916615	0.570592821	A	776.3	43.7	25-06-2013 15:30:35	1.3660000056	0.004	2.490000001	0.229153752
SFTCW	SFTCW062113_141	SFTCW062113_141_25062013_153652.txt	1242416.035	2375316.902	6/25/2013	0	0.001373976	0.07327871	A	776.5	44.0	25-06-2013 15:36:52	-0.048	0.006	0.319999993	0.228995979
SFTCW	SFTCW062113_142	SFTCW062113_142_25062013_154431.txt	1242401.361	2375135.519	6/25/2013	0	0.006173159	0.164846212	A	776.5	44.5	25-06-2013 15:44:31	-0.003	0.0270000001	0.721000016	0.22863552
SFTCW	SFTCW062113_143	SFTCW062113_143_26062013_100800.txt	1243113.113	2374741.299	6/26/2013	0.294731736	0	0	A	777.8	30.2	26-06-2013 10:08:00	1.228999972	-0.002	-0.0520000001	0.239814281
SFTCW	SFTCW062113_144	SFTCW062113_144_26062013_101741.txt	1242546.701	2375342.335	6/26/2013	0	0.000950174	0.218302384	A	777.8						

APPENDIX B - FLUX METER DATA

AreaAbbrev	SitePt	Filename	Northing	Easting	Date	CH <sub>4</sub> flux	H <sub>2</sub> S flux	CO <sub>2</sub> flux	ACCUMULATION CHAMBER	PRESSURE Hpa	TEMP DegC	TIME	CH <sub>4</sub> slope	H <sub>2</sub> S slope	CO <sub>2</sub> slope	AcK
SFTCW	SFTCW062113_151	SFTCW062113_151_26062013_110143.txt	1242737.851	2375793.522	6/26/2013	0.074631013	0.003041389	0.172423363	A	777.3	37.6	26-06-2013 11:01:43	0.319000006	0.013	0.736999989	0.233953014
SFTCW	SFTCW062113_152	SFTCW062113_152_26062013_111015.txt	1242982.919	2375738.679	6/26/2013	0	0.002335772	0.49284783	A	777.3	38.1	26-06-2013 11:10:15	0	0.01	2.109999895	0.233577177
SFTCW	SFTCW062113_153	SFTCW062113_153_26062013_111637.txt	1242950.032	2375986.929	6/26/2013	0	0.001632939	0.076748148	A	776.8	38.3	26-06-2013 11:16:37	0	0.007	0.328999996	0.233277038
SFTCW	SFTCW062113_154	SFTCW062113_154_26062013_112600.txt	1243143.765	2375929.747	6/26/2013	0.002560109	0.002792846	0.129634604	A	775.5	38.5	26-06-2013 11:26:00	0.011	0.012	0.556999981	0.232737184
SFTCW	SFTCW062113_155	SFTCW062113_155_26062013_113325.txt	1243338.158	2375975.815	6/26/2013	0	0.001393275	0.093813859	A	774.0	38.6	26-06-2013 11:33:25	0	0.006	0.404000014	0.232212514
SFTCW	SFTCW062113_156	SFTCW062113_156_26062013_114114.txt	1243552.344	2375999.562	6/26/2013	0	0.000694615	0.01921767	A	772.0	38.7	26-06-2013 11:41:14	-0.012	0.003	0.082999997	0.231538206
SFTCW	SFTCW062113_157	SFTCW062113_157_26062013_120750.txt	1243554.111	2376172.058	6/26/2013	0	0.000231347	0.076113239	A	772.6	39.2	26-06-2013 12:07:50	0	0.001	0.328999996	0.231347233
SFTCW	SFTCW062113_158	SFTCW062113_158_26062013_121916.txt	1243331.244	2376182.633	6/26/2013	0	0.000694688	0.163483202	A	775.3	40.0	26-06-2013 12:19:16	-0.064999998	0.003	0.70599997	0.231562629
SFTCW	SFTCW062113_159	SFTCW062113_159_26062013_122544.txt	1243143.888	2376173.943	6/26/2013	0	0.0011524	0.159492105	A	773.4	40.7	26-06-2013 12:25:44	-0.017000001	0.005	0.691999972	0.230479941
SFTCW	SFTCW062113_16	SFTCW062113_16_21062013_112638.txt	1243301.189	2373973.64	6/21/2013	0	0.001165118	0.180360258	A	777.7	39.0	21-06-2013 11:26:38	0	0.005	0.773999989	0.233023584
SFTCW	SFTCW062113_160	SFTCW062113_160_26062013_123209.txt	1242949.286	2376171.446	6/26/2013	0	0.002297589	0.307187647	A	772.7	41.4	26-06-2013 12:32:09	-0.023	0.01	1.337000012	0.229758888
SFTCW	SFTCW062113_161	SFTCW062113_161_26062013_123712.txt	1242756.861	2376177.682	6/26/2013	0	0.001379475	0.015863966	A	774.2	41.8	26-06-2013 12:37:12	0	0.006	0.068999998	0.229912549
SFTCW	SFTCW062113_162	SFTCW062113_162_26062013_124300.txt	1242553.22	2376162.901	6/26/2013	0	0.003447873	0.236983791	A	775.0	42.2	26-06-2013 12:43:00	0	0.015	1.031000018	0.22985819
SFTCW	SFTCW062113_163	SFTCW062113_163_26062013_124918.txt	1242549.553	2376376.972	6/26/2013	0	0.005517043	0.52503854	A	775.8	42.5	26-06-2013 12:49:18	-0.103	0.024	2.283999992	0.229876772
SFTCW	SFTCW062113_164	SFTCW062113_164_26062013_125531.txt	1242724.346	2376332.314	6/26/2013	0	0.004589294	0.211795926	A	774.9	42.7	26-06-2013 12:55:31	0	0.02	0.922999978	0.22946471
SFTCW	SFTCW062113_165	SFTCW062113_165_26062013_130130.txt	1242950.141	2376346.388	6/26/2013	0	0.007095143	0.071409188	A	773.4	42.9	26-06-2013 13:01:30	-0.001	0.030999999	0.312000006	0.228875592
SFTCW	SFTCW062113_166	SFTCW062113_166_26062013_130944.txt	1243130.471	2376339.581	6/26/2013	0	0	0.769713819	A	774.6	43.2	26-06-2013 13:09:44	0	-0.002	3.361000061	0.229013339
SFTCW	SFTCW062113_167	SFTCW062113_167_26062013_132220.txt	1242944.461	2376568.175	6/26/2013	0	0.006851403	0.248705924	A	774.9	44.2	26-06-2013 13:22:20	0	0.029999999	1.088999987	0.228380099
SFTCW	SFTCW062113_168	SFTCW062113_168_26062013_133151.txt	1242759.53	2376558.082	6/26/2013	0	0.004580041	0.109462984	A	777.5	44.4	26-06-2013 13:31:51	0	0.02	0.477999985	0.229002059
SFTCW	SFTCW062113_169	SFTCW062113_169_26062013_134506.txt	1242547.683	2376575.135	6/26/2013	0	0.003655134	0.242152572	A	776.1	44.6	26-06-2013 13:45:06	0	0.016000001	1.059999943	0.228445828
SFTCW	SFTCW062113_17	SFTCW062113_17_21062013_112955.txt	1243363.234	2373965.323	6/21/2013	0	0.00139644	0.236929297	A	777.5	39.3	21-06-2013 11:29:55	-0.011	0.006	1.018000007	0.23273997
SFTCW	SFTCW062113_170	SFTCW062113_170_26062013_134955.txt	1242559.596	2376749.445	6/26/2013	0	0.005022285	0.10775084	A	775.8	44.7	26-06-2013 13:49:55	0	0.022	0.472000003	0.228285685
SFTCW	SFTCW062113_171	SFTCW062113_171_26062013_135515.txt	1242332.579	2376768.052	6/26/2013	0	0.005027825	0.261446863	A	776.9	44.8	26-06-2013 13:55:15	0	0.022	1.144400053	0.22853747
SFTCW	SFTCW062113_172	SFTCW062113_172_26062013_140051.txt	1242167.18	2376981.474	6/26/2013	0	0.002738567	0.168650061	A	775.8	44.8	26-06-2013 14:00:51	0	0.012	0.739000022	0.228213876
SFTCW	SFTCW062113_173	SFTCW062113_173_26062013_140552.txt	1242354.237	2376960.513	6/26/2013	0	0.00182524	0.437829554	A	775.6	44.8	26-06-2013 14:05:52	0	0.008	1.91900003	0.228155047
SFTCW	SFTCW062113_174	SFTCW062113_174_26062013_140940.txt	1242517.915	2376970.312	6/26/2013	0	0.003197236	0.436194241	A	776.1	44.7	26-06-2013 14:09:40	0	0.014	1.909999967	0.22837396
SFTCW	SFTCW062113_175	SFTCW062113_175_26062013_141335.txt	1242751.919	2376954.44	6/26/2013	0	0.004111261	0.351741225	A	776.2	44.7	26-06-2013 14:13:35	0	0.017999999	1.539999962	0.228403389
SFTCW	SFTCW062113_176	SFTCW062113_176_26062013_141725.txt	1242804.952	2376900.354	6/26/2013	16.87471008	0.001825946	0.841533005	A	775.9	44.8	26-06-2013 14:17:25	73.93299866	0.008	3.687000036	0.228243291
SFTCW	SFTCW062113_177	SFTCW062113_177_26062013_142133.txt	1242732.082	2376801.984	6/26/2013	0	0.005704288	0.363705397	A	775.9	44.9	26-06-2013 14:21:33	0	0.025	1.593999982	0.228171527
SFTCW	SFTCW062113_178	SFTCW062113_178_26062013_142624.txt	1242956.212	2376743.194	6/26/2013	0	0.003425466	0.079014078	A	776.8	45.0	26-06-2013 14:26:24	0	0.015	0.345999986	0.228364393
SFTCW	SFTCW062113_179	SFTCW062113_179_26062013_143126.txt	1242946.285	2376930.287	6/26/2013	0	0.002511362	0.18218787	A	776.6	45.0	26-06-2013 14:31:26	0	0.011	0.797999978	0.228305608
SFTCW	SFTCW062113_18	SFTCW062113_18_21062013_113246.txt	1243374.799	2373970.161	6/21/2013	0	0.000465182	0.420059502	A	777.5	39.5	21-06-2013 11:32:46	0	0.002	1.805999994	0.232591093
SFTCW	SFTCW062113_180	SFTCW062113_180_26062013_143823.txt	1242841.587	2377009.672	6/26/2013	892.4741211	0.000911341	0.63201493	A	775.0	45.0	26-06-2013 14:38:23	3917.190918	0.004	2.773999929	0.227835238
SFTCW	SFTCW062113_181	SFTCW062113_181_26062013_144351.txt	1242854.219	2377054.238	6/26/2013	73.90953064	0.003416454	0.611773133	A	775.0	45.1	26-06-2013 14:43:51	324.5010071	0.015	2.686000109	0.227763638
SFTCW	SFTCW062113_182	SFTCW062113_182_26062013_145020.txt	1242899.394	2377148.348	6/26/2013	0	0.000910248	0.889766872	A	774.8	45.3	26-06-2013 14:50:20	-0.254000008	0.004	3.910000086	0.227561861
SFTCW	SFTCW062113_183	SFTCW062113_183_26062013_145609.txt	1242967.665	2377167.992	6/26/2013	0	0.00272445	0.096263878	A	773.5	45.5	26-06-2013 14:56:09	0	0.012	0.423999995	0.22703746
SFTCW	SFTCW062113_184	SFTCW062113_184_26062013_145944.txt	1243018.704	2377069.716	6/26/2013	0	0.001814926	0.017468659	A	773.4	45.7	26-06-2013 14:59:44	0	0.008	0.077	0.226865709
SFTCW	SFTCW062113_185	SFTCW062113_185_26062013_150434.txt	1242996.315	2377224.38	6/26/2013	0	0.002721535	0.161250949	A	773.4	45.8	26-06-2013 15:04:34	0	0.012	0.711000025	0.226794586
SFTCW	SFTCW062113_186	SFTCW062113_186_26062013_150844.txt	1242918.276	2377221.405	6/26/2013	0	0.002037873	0.127027422	A	772.4	45.9	26-06-2013 15:08:44	0	0.009	0.56099999	0.226430342
SFTCW	SFTCW062113_187	SFTCW062113_187_26062013_151207.txt	1242820.723	2377204.166	6/26/2013	0	0.001358582	0.48773098	A	772.4	45.9	26-06-2013 15:12:07	0	0.006	2.154000044	0.226430342
SFTCW	SFTCW062113_188	SFTCW062113_188_26062013_151606.txt	1242751.03	2377168.282	6/26/2013	0	0.001132823	0.481223106	A	773.1	46.0	26-06-2013 15:16:06	0	0.005	2.124000072	0.226564541
SFTCW	SFTCW062113_189	SFTCW062113_189_26062013_152109.txt	1242542.829	2377178.785	6/26/2013	0.713254035	0.002041758	0.517925858	A	774.6	46.2	26-06-2013 15:21:09	3.144000053	0.009	2.282999992	0.226861969
SFTCW	SFTCW062113_19	SFTCW062113_19_21062013_113545.txt	1243426.022	2373950.48	6/21/2013	4.378419399	0.00092965	1.568552017	A	777.4	39.7	21-06-2013 11:35:45	18.8390007	0.004	6.749000072	0.232412502
SFTCW	SFTCW062113_190	SFTCW062113_190_26062013_152513.txt	1242450.412	2377171.843	6/26/2013	16.62014771	0.001814328	1.371404886	A	774.6	46.3	26-06-2013 15:25:13	73.28399658	0.008	6.046999931	0.22679095
SFTCW	SFTCW062113_191	SFTCW062113_191_26062013_152901.txt	1242347.194	2377162.619	6/26/2013	0	0.0029491	0.188742414	A	775.3	46.5	26-06-2013 15:29:01	0	0.013	0.832000017	0.226853862
SFTCW	SFTCW062113_192	SFTCW062113_192_26062013_153248.txt	1242152.606	2377164.806	6/26/2013	0	0.007711614	0.228626668	A	775.4	46.6	26-06-2013 15:32:48	0	0.034000002	1.008000016	0.226812169
SFTCW	SFTCW062113_193	SFTCW062113_193_26062013_153724.txt	1242155.796	2377335.824	6/26/2013	0	0.002266412	0.052127469	A	775.3	46.8	26-06-2013 15:37:24	-0.021	0.01	0.230000004	0.226641163
SFTCW	SFTCW062113_194	SFTCW062113_194_26062013_154056.txt	1242328.676	2377347.347	6/26/2013	0	0.002263366	0.118600354	A	774.5	46.9	26-06-2013 15:40:56	0	0.01	0.523999989	0.226336554
SFTCW	SFTCW062113_195	SFTCW062113_195_26062013_154501.txt	1242542.379	2377350.728	6/26/2013	0	0.005657071	0.213158414	A	774.8	47.1	26-06-2013 15:45:01	-0.263999999	0.025	0.941999972	0.22628282
SFTCW	SFTCW062113_196	SFTCW062113_196_27062013_101611.txt	1243711.056	2374086.571	6/27/201											

APPENDIX B - FLUX METER DATA

AreaAbbrev	SitePt	Filename	Northing	Easting	Date	CH <sub>4</sub> flux	H <sub>2</sub> S flux	CO <sub>2</sub> flux	ACCUMULATION CHAMBER	PRESSURE Hpa	TEMP DegC	TIME	CH <sub>4</sub> slope	H <sub>2</sub> S slope	CO <sub>2</sub> slope	AcK
SFTCW	SFTCW062113_203	SFTCW062113_203_27062013_105804.txt	1242755.554	2372994.392	6/27/2013	0	0.002564101	0.103962652	A	779.7	39.7	27-06-2013 10:58:04	0	0.011	0.44600001	0.233100116
SFTCW	SFTCW062113_204	SFTCW062113_204_27062013_110157.txt	1242743.374	2372767.65	6/27/2013	0	0.000698407	0.068676725	A	779.7	40.1	27-06-2013 11:01:57	0	0.003	0.294999987	0.232802466
SFTCW	SFTCW062113_205	SFTCW062113_205_27062013_110705.txt	1242734.52	2372553.913	6/27/2013	0	0.003022384	0.085324228	A	779.9	40.6	27-06-2013 11:07:05	0	0.013	0.367000014	0.232491076
SFTCW	SFTCW062113_206	SFTCW062113_206_27062013_111109.txt	1242744.135	2372373.132	6/27/2013	0	0.005575171	0.087576643	A	780.0	40.9	27-06-2013 11:11:09	0	0.024	0.377000004	0.232298777
SFTCW	SFTCW062113_207	SFTCW062113_207_27062013_111536.txt	1242740.031	2372175.849	6/27/2013	0	0.003945048	0.105355985	A	779.7	41.1	27-06-2013 11:15:36	0	0.017000001	0.453999996	0.232061639
SFTCW	SFTCW062113_208	SFTCW062113_208_27062013_112159.txt	1242829.58	2371974.11	6/27/2013	0	0.002553999	0.122591957	A	780.6	41.3	27-06-2013 11:21:59	0	0.011	0.527999997	0.232181743
SFTCW	SFTCW062113_209	SFTCW062113_209_27062013_112519.txt	1242937.555	2371964.741	6/27/2013	0	0.013939884	0.773198962	A	781.6	41.5	27-06-2013 11:25:19	0	0.059999999	3.328000069	0.23233141
SFTCW	SFTCW062113_21	SFTCW062113_21_21062013_114933.txt	1243475.669	2373938.82	6/21/2013	1.62809217	0.001158949	1.019180059	A	777.3	40.5	21-06-2013 11:49:33	7.024000168	0.005	4.396999836	0.231789887
SFTCW	SFTCW062113_210	SFTCW062113_210_27062013_112859.txt	1242929.27	2371762.362	6/27/2013	0	0.009285592	0.207068697	A	781.7	41.8	27-06-2013 11:28:59	0	0.039999999	0.89200002	0.232139796
SFTCW	SFTCW062113_211	SFTCW062113_211_27062013_113221.txt	1243126.319	2371757.321	6/27/2013	0	0.006494958	0.276963592	A	781.6	42.0	27-06-2013 11:32:21	0	0.028000001	1.194000006	0.2319628
SFTCW	SFTCW062113_212	SFTCW062113_212_27062013_113527.txt	1243259.219	2371775.431	6/27/2013	0	0.002549973	0.105244324	A	781.6	42.2	27-06-2013 11:35:27	0	0.011	0.453999996	0.231815696
SFTCW	SFTCW062113_213	SFTCW062113_213_27062013_113933.txt	1243181.161	2371984.401	6/27/2013	0	0.021304049	0.448542863	A	781.5	42.5	27-06-2013 11:39:33	0	0.092	1.937000036	0.231565744
SFTCW	SFTCW062113_214	SFTCW062113_214_27062013_114632.txt	1242945.801	2372153.768	6/27/2013	0	0.003700139	0.091115914	A	781.7	43.0	27-06-2013 11:46:32	0	0.016000001	0.393999994	0.231258675
SFTCW	SFTCW062113_215	SFTCW062113_215_27062013_120205.txt	1243365.517	2371984.21	6/27/2013	0	0.002075154	0.219966367	A	781.6	43.9	27-06-2013 12:02:05	-0.012	0.009	0.953999996	0.230572715
SFTCW	SFTCW062113_218	SFTCW062113_218_27062013_121934.txt	1243541.365	2371558.881	6/27/2013	0	0.004363755	0.543861687	A	781.0	44.9	27-06-2013 12:19:34	0	0.018999999	2.368000031	0.229671314
SFTCW	SFTCW062113_219	SFTCW062113_219_27062013_122423.txt	1243550.884	2371356.113	6/27/2013	0	0.001835511	0.015142961	A	780.7	45.1	27-06-2013 12:24:23	0	0.008	0.066	0.229438812
SFTCW	SFTCW062113_22	SFTCW062113_22_21062013_115307.txt	1243428.129	2373909.026	6/21/2013	0	0	0.02917565	A	777.0	40.7	21-06-2013 11:53:07	0	-0.006	0.126000002	0.23155278
SFTCW	SFTCW062113_220	SFTCW062113_220_27062013_123256.txt	1243372.842	2370570.374	6/27/2013	0	0.011909736	0.071916483	A	780.3	45.5	27-06-2013 12:32:56	0	0.052000001	0.31400001	0.229033381
SFTCW	SFTCW062113_221	SFTCW062113_221_27062013_123716.txt	1243091.531	2370558.145	6/27/2013	0	0.002060535	0.024726426	A	780.5	45.7	27-06-2013 12:37:16	0	0.009	0.108000003	0.228948385
SFTCW	SFTCW062113_222	SFTCW062113_222_27062013_124116.txt	1243152.503	2370734.267	6/27/2013	0	0.007324052	0.137783721	A	780.5	45.8	27-06-2013 12:41:16	0	0.032000002	0.601999998	0.228876606
SFTCW	SFTCW062113_223	SFTCW062113_223_27062013_124522.txt	1243393.407	2370791.504	6/27/2013	0	0.002287462	0.19695051	A	780.3	45.9	27-06-2013 12:45:22	0	0.01	0.861000001	0.228746235
SFTCW	SFTCW062113_224	SFTCW062113_224_27062013_124959.txt	1243346.13	2370912.315	6/27/2013	0	0.016026601	0.309542358	A	781.0	45.9	27-06-2013 12:49:59	0	0.07	1.351999998	0.228951454
SFTCW	SFTCW062113_225	SFTCW062113_225_27062013_125452.txt	1243149.059	2370969.072	6/27/2013	0	0.002517821	0	A	780.8	45.9	27-06-2013 12:54:52	0	0.011	-0.007	0.228892818
SFTCW	SFTCW062113_226	SFTCW062113_226_27062013_130054.txt	1242965.206	2370991.936	6/27/2013	0	0.002288049	0.10730949	A	780.5	45.9	27-06-2013 13:00:54	0	0.01	0.469000012	0.228804871
SFTCW	SFTCW062113_227	SFTCW062113_227_27062013_130519.txt	1242923.45	2371162.314	6/27/2013	0	0.00182679	0.143631384	A	778.7	45.8	27-06-2013 13:05:19	0	0.008	0.629000008	0.228348777
SFTCW	SFTCW062113_228	SFTCW062113_228_27062013_131014.txt	1242931.879	2371390.031	6/27/2013	0	0.003198525	0.198080078	A	779.1	45.8	27-06-2013 13:10:14	0	0.014	0.866999984	0.228466064
SFTCW	SFTCW062113_229	SFTCW062113_229_27062013_131357.txt	1242920.935	2371567.821	6/27/2013	0	0.006178085	0.127222776	A	780.3	45.8	27-06-2013 13:13:57	-0.061999999	0.027000001	0.555999994	0.228817955
SFTCW	SFTCW062113_23	SFTCW062113_23_21062013_115615.txt	1243478.379	2373879.286	6/21/2013	0	0	0.078713	A	777.1	40.8	21-06-2013 11:56:15	0	0	0.340000004	0.231508821
SFTCW	SFTCW062113_230	SFTCW062113_230_27062013_131847.txt	1243110.356	2371549.557	6/27/2013	0	0.007555831	0.26330927	A	780.8	45.8	27-06-2013 13:18:47	0	0.033	1.149999976	0.228964582
SFTCW	SFTCW062113_231	SFTCW062113_231_27062013_132232.txt	1243150.146	2371363.95	6/27/2013	0.815885246	0.002748631	1.279716611	A	781.1	45.8	27-06-2013 13:22:32	3.562000036	0.012	5.586999893	0.229052559
SFTCW	SFTCW062113_232	SFTCW062113_232_27062013_132633.txt	1243147.57	2371207.577	6/27/2013	0	0.007332497	0.093718484	A	781.4	45.8	27-06-2013 13:26:33	0	0.032000002	0.409000009	0.229140535
SFTCW	SFTCW062113_233	SFTCW062113_233_27062013_133205.txt	1243352.86	2371183.49	6/27/2013	0.282542288	0.000228965	0.69559443	A	780.8	45.8	27-06-2013 13:32:05	1.233999968	0.001	3.038000107	0.228964582
SFTCW	SFTCW062113_234	SFTCW062113_234_27062013_133508.txt	1243500.985	2371163.306	6/27/2013	0	0.004120835	0.094550259	A	780.7	45.8	27-06-2013 13:35:08	0	0.017999999	0.412999988	0.228935257
SFTCW	SFTCW062113_235	SFTCW062113_235_27062013_133830.txt	1243502.964	2370957.641	6/27/2013	0	0.003432953	0.021970896	A	780.7	45.9	27-06-2013 13:38:30	0	0.015	0.096000001	0.228863508
SFTCW	SFTCW062113_236	SFTCW062113_236_27062013_134258.txt	1243342.627	2371395.5	6/27/2013	0	0.004575836	0.099524431	A	780.7	46.0	27-06-2013 13:42:58	0	0.02	0.435000002	0.228791788
SFTCW	SFTCW062113_237	SFTCW062113_237_27062013_134634.txt	1243358.143	2371588.661	6/27/2013	0	0.006401703	0.176961347	A	780.4	46.1	27-06-2013 13:46:34	0	0.028000001	0.773999989	0.228632241
SFTCW	SFTCW062113_238	SFTCW062113_238_27062013_135052.txt	1243446.615	2371600.598	6/27/2013	0.965490162	0.002056665	1.414071798	A	780.5	46.3	27-06-2013 13:50:52	4.224999905	0.009	6.188000202	0.228518382
SFTCW	SFTCW062113_239	SFTCW062113_239_27062013_140145.txt	1243538.934	2372159.136	6/27/2013	0	0.002510057	0.078496322	A	780.1	46.6	27-06-2013 14:01:45	0	0.011	0.344000012	0.228186965
SFTCW	SFTCW062113_24	SFTCW062113_24_21062013_115905.txt	1243532.17	2373931.033	6/21/2013	0	0.000231376	0.007172641	A	776.9	40.9	21-06-2013 11:59:05	0	0.001	0.030999999	0.23137553
SFTCW	SFTCW062113_240	SFTCW062113_240_27062013_140846.txt	1243395.448	2372237.067	6/27/2013	0	0.003422611	0.941902637	A	780.3	46.7	27-06-2013 14:08:46	0	0.015	4.127999783	0.228174105
SFTCW	SFTCW062113_241	SFTCW062113_241_27062013_141124.txt	1243353.785	2372177.517	6/27/2013	0	0.000912879	0.489303082	A	780.7	46.8	27-06-2013 14:11:24	0	0.004	2.144000053	0.228219718
SFTCW	SFTCW062113_242	SFTCW062113_242_27062013_141345.txt	1243345.633	2372211.684	6/27/2013	0	0.000912594	0.259176612	A	780.7	46.9	27-06-2013 14:13:45	0	0.004	1.136000037	0.228148416
SFTCW	SFTCW062113_243	SFTCW062113_243_27062013_141611.txt	1243370.259	2372281.601	6/27/2013	0	0.000456297	0.447855353	A	780.7	46.9	27-06-2013 14:16:11	0	0.002	1.963000059	0.228148416
SFTCW	SFTCW062113_244	SFTCW062113_244_27062013_141857.txt	1243422.054	2372313.575	6/27/2013	0	0.001140386	0.968871772	A	780.7	47.0	27-06-2013 14:18:57	0	0.005	4.248000145	0.228077158
SFTCW	SFTCW062113_245	SFTCW062113_245_27062013_142202.txt	1243344.748	2372396.122	6/27/2013	0	0.005014203	0.246607617	A	780.4	47.1	27-06-2013 14:22:02	0	0.022	1.082000017	0.227918312
SFTCW	SFTCW062113_246	SFTCW062113_246_27062013_142537.txt	1243226.536	2372191.606	6/27/2013	0	0.02665812	1.167716742	A	780.4	47.2	27-06-2013 14:25:37	0	0.116999999	5.125	0.227847174
SFTCW	SFTCW062113_247	SFTCW062113_247_27062013_142936.txt	1243145.106	2372386.504	6/27/2013	0	0.010481726	0.265233278	A	780.7	47.3	27-06-2013 14:29:36	0	0.046	1.164000034	0.227863625
SFTCW	SFTCW062113_248	SFTCW062113_248_27062013_143545.txt	1242952.935	2372351.45	6/27/2013	0	0.008656116	0.095445074	A	780.7	47.4	27-06-2013 14:35:45	0	0.037999999	0.419	0.227792546
SFTCW	SFTCW062113_249	SFTCW062113_249_27062013_144117.txt	1242938.092	2372537.152	6/27/2013	0.904336393	0.001366755	1.522793174	A	780.7	47.4	27-06-2013 14:41:17	3.970000029	0.006	6.684999943	0.227792546
SFTCW	SFTCW062113_25	SFTCW062113_25_21062013_120156.txt	1243529.527	2373991.252	6/21/2013	21.90317535	0.000925327	1.170306921	A	777.0	41.0	21-06-2013 12:0				



APPENDIX B - FLUX METER DATA

AreaAbbrev	SitePt	Filename	Northing	Easting	Date	CH <sub>4</sub> flux	H <sub>2</sub> S flux	CO <sub>2</sub> flux	ACCUMULATION CHAMBER	PRESSURE Hpa	TEMP DegC	TIME	CH <sub>4</sub> slope	H <sub>2</sub> S slope	CO <sub>2</sub> slope	AcK
SFTCW	SFTCW062113_257	SFTCW062113_257_27062013_151441.txt	1243138.118	2372534.857	6/27/2013	0	0.009557647	0.240761667	A	780.4	47.6	27-06-2013 15:14:41	-0.159999996	0.041999999	1.057999969	0.227563024
SFTCW	SFTCW062113_258	SFTCW062113_258_27062013_151826.txt	1243359.554	2372565.686	6/27/2013	0	0.012965388	0.358026683	A	780.3	47.7	27-06-2013 15:18:26	0	0.057	1.574000001	0.227462947
SFTCW	SFTCW062113_259	SFTCW062113_259_27062013_152116.txt	1243364.977	2372764.493	6/27/2013	0	0.016132424	0.207676545	A	779.7	47.8	27-06-2013 15:21:16	0	0.071000002	0.913999975	0.227217227
SFTCW	SFTCW062113_26	SFTCW062113_26_21062013_120450.txt	1243570.02	2373952.54	6/21/2013	0	0.000693863	0.102460496	A	777.1	41.1	21-06-2013 12:04:50	0	0.003	0.442999989	0.231287807
SFTCW	SFTCW062113_260	SFTCW062113_260_27062013_152533.txt	1243347.785	2372955.218	6/27/2013	0	0.005451515	0.13742362	A	779.7	47.9	27-06-2013 15:25:33	-0.018999999	0.024	0.605000019	0.227146462
SFTCW	SFTCW062113_261	SFTCW062113_261_27062013_152858.txt	1243396.723	2373143.419	6/27/2013	0	0.003180924	0.052258037	A	780.4	48.1	27-06-2013 15:28:58	0	0.014	0.230000004	0.227208853
SFTCW	SFTCW062113_262	SFTCW062113_262_27062013_153523.txt	1243512.208	2373001.986	6/27/2013	2179.02417	0.149637476	0.768169284	A	780.4	48.3	27-06-2013 15:35:23	9596.37207	0.658999979	3.382999897	0.227067485
SFTCW	SFTCW062113_263	SFTCW062113_263_27062013_153911.txt	1243515.067	2373050.282	6/27/2013	0	0	0.110193253	A	779.5	48.4	27-06-2013 15:39:11	-0.059	-0.004	0.486000001	0.226735085
SFTCW	SFTCW062113_264	SFTCW062113_264_27062013_154208.txt	1243563.539	2373014.487	6/27/2013	0	0.003852101	0.308168024	A	779.5	48.6	27-06-2013 15:42:08	-0.214000002	0.017000001	1.360000014	0.226594135
SFTCW	SFTCW062113_265	SFTCW062113_265_27062013_154526.txt	1243571.81	2372962.941	6/27/2013	0	0.002490617	0.089435793	A	778.9	48.6	27-06-2013 15:45:26	0	0.011	0.395000011	0.226419732
SFTCW	SFTCW062113_266	SFTCW062113_266_27062013_154833.txt	1243517.352	2372950.371	6/27/2013	0	0.002943079	0.200129345	A	778.8	48.6	27-06-2013 15:48:33	0	0.013	0.884000003	0.22639066
SFTCW	SFTCW062113_267	SFTCW062113_267_27062013_155137.txt	1243464.44	2372975.837	6/27/2013	0	0.004756646	0.135677651	A	779.2	48.6	27-06-2013 15:51:37	0	0.021	0.598999977	0.226506934
SFTCW	SFTCW062113_268	SFTCW062113_268_27062013_155436.txt	1243467.83	2373044.116	6/27/2013	0	0.002720874	0.074370548	A	780.0	48.6	27-06-2013 15:54:36	0	0.012	0.328000009	0.226739481
SFTCW	SFTCW062113_27	SFTCW062113_27_21062013_120710.txt	1243607.736	2373986.337	6/21/2013	0	0	0	A	777.1	41.1	21-06-2013 12:07:10	0	-0.001	-0.017999999	0.231287807
SFTCW	SFTCW062113_28	SFTCW062113_28_21062013_120937.txt	1243639.961	2374010.8	6/21/2013	0	0	0	A	777.3	41.2	21-06-2013 12:09:37	0	0	-0.014	0.231273741
SFTCW	SFTCW062113_29	SFTCW062113_29_21062013_121245.txt	1243586.265	2374035.131	6/21/2013	0	0.002543529	0.257590145	A	777.4	41.3	21-06-2013 12:12:45	0	0.011	1.113999963	0.231229931
SFTCW	SFTCW062113_30	SFTCW062113_30_21062013_121557.txt	1243531.364	2374059.021	6/21/2013	0.814490378	0.001155633	1.669427991	A	777.3	41.4	21-06-2013 12:15:57	3.523999929	0.005	7.223000005	0.231126681
SFTCW	SFTCW062113_31	SFTCW062113_31_21062013_121838.txt	1243546.124	2374082.026	6/21/2013	0	0.000462313	0.19162868	A	777.4	41.4	21-06-2013 12:18:38	0	0.002	0.828999996	0.231156424
SFTCW	SFTCW062113_32	SFTCW062113_32_21062013_122220.txt	1243495.671	2374085.721	6/21/2013	0	0	0.118776642	A	777.4	41.5	21-06-2013 12:22:20	0	-0.002	0.513999999	0.231082961
SFTCW	SFTCW062113_33	SFTCW062113_33_21062013_122558.txt	1243454.712	2374051.706	6/21/2013	33.39968109	0.000692939	1.238975644	A	777.3	41.6	21-06-2013 12:25:58	144.6000061	0.003	5.363999844	0.230979815
SFTCW	SFTCW062113_34	SFTCW062113_34_21062013_122927.txt	1243464.215	2374001.484	6/21/2013	0	0.001615832	0.047551628	A	777.3	41.8	21-06-2013 12:29:27	0	0.007	0.206	0.230833143
SFTCW	SFTCW062113_35	SFTCW062113_35_21062013_123238.txt	1243407.237	2374036.677	6/21/2013	0	0.001845367	0.117642112	A	777.0	41.9	21-06-2013 12:32:38	0	0.008	0.50999999	0.23067081
SFTCW	SFTCW062113_36	SFTCW062113_36_21062013_123549.txt	1243358.319	2374025.84	6/21/2013	14.6561718	0.001153502	0.906191528	A	777.1	41.9	21-06-2013 12:35:49	63.52899933	0.005	3.927999973	0.230700493
SFTCW	SFTCW062113_37	SFTCW062113_37_21062013_123826.txt	1243338.934	2374024.649	6/21/2013	0	0.000691882	0.47347784	A	777.1	42.0	21-06-2013 12:38:26	0	0.003	2.052999973	0.230627298
SFTCW	SFTCW062113_38	SFTCW062113_38_21062013_124157.txt	1243296.773	2374068.748	6/21/2013	0	0	0.168830782	A	777.4	42.1	21-06-2013 12:41:57	0	0	0.731999993	0.230643138
SFTCW	SFTCW062113_39	SFTCW062113_39_21062013_124442.txt	1243335.558	2374095.273	6/21/2013	8.026963234	0.001153067	1.456554651	A	777.3	42.1	21-06-2013 12:44:42	34.80699921	0.005	6.315999985	0.23061347
SFTCW	SFTCW062113_40	SFTCW062113_40_21062013_124819.txt	1243346.577	2374111.03	6/21/2013	2.064879417	0.001843848	3.507229805	A	777.1	42.2	21-06-2013 12:48:19	8.958999634	0.008	15.21700001	0.230481029
SFTCW	SFTCW062113_41	SFTCW062113_41_21062013_125340.txt	1243379.82	2374139.577	6/21/2013	2413.309326	0.006914907	0	A	777.4	42.3	21-06-2013 12:53:40	10470.0293	0.029999999	-0.006	0.230496913
SFTCW	SFTCW062113_42	SFTCW062113_42_21062013_125726.txt	1243390.866	2374137.514	6/21/2013	271.0480347	0.00230335	2.262349844	A	777.1	42.4	21-06-2013 12:57:26	1176.755981	0.01	9.82199955	0.230334952
SFTCW	SFTCW062113_43	SFTCW062113_43_21062013_130208.txt	1243374.718	2374154.049	6/21/2013	0.298747301	0	0.205691084	A	777.6	42.6	21-06-2013 13:02:08	1.297000051	0	0.893000007	0.230337158
SFTCW	SFTCW062113_44	SFTCW062113_44_21062013_130704.txt	1243373.47	2374162.908	6/21/2013	0.341888398	0	0.577483118	A	777.2	42.8	21-06-2013 13:07:04	1.485999942	0	2.50999999	0.230072945
SFTCW	SFTCW062113_45	SFTCW062113_45_21062013_131128.txt	1243380.944	2374189.635	6/21/2013	0	0	0.281535774	A	777.1	43.1	21-06-2013 13:11:28	-0.017999999	-0.002	1.225000024	0.229825109
SFTCW	SFTCW062113_46	SFTCW062113_46_21062013_131516.txt	1243366.578	2374230.561	6/21/2013	123.089386	0.000919246	1.288783431	A	777.3	43.2	21-06-2013 13:15:16	535.6099854	0.004	5.607999802	0.229811594
SFTCW	SFTCW062113_47	SFTCW062113_47_21062013_131857.txt	1243355.357	2374245.46	6/21/2013	0.401658356	0.001837202	0.432201862	A	777.0	43.3	21-06-2013 13:18:57	1.748999953	0.008	1.881999969	0.229650304
SFTCW	SFTCW062113_48	SFTCW062113_48_21062013_132123.txt	1243354.866	2374261.287	6/21/2013	0	0.004590373	0.882499278	A	776.8	43.4	21-06-2013 13:21:23	0	0.02	3.845000029	0.229518667
SFTCW	SFTCW062113_49	SFTCW062113_49_21062013_132401.txt	1243405.444	2374245.738	6/21/2013	0.398369849	0.002065281	0.849289656	A	776.9	43.5	21-06-2013 13:24:01	1.735999942	0.009	3.700999975	0.229475722
SFTCW	SFTCW062113_50	SFTCW062113_50_21062013_132736.txt	1243446.8	2374228.704	6/21/2013	3.398588181	0.000917731	0.762405217	A	777.0	43.6	21-06-2013 13:27:36	14.81299973	0.004	3.322999954	0.229432806
SFTCW	SFTCW062113_51	SFTCW062113_51_21062013_133038.txt	1243496.325	2374192.881	6/21/2013	0	0.000917324	0.307991356	A	776.9	43.7	21-06-2013 13:30:38	0	0.004	1.343000054	0.229330868
SFTCW	SFTCW062113_52	SFTCW062113_52_21062013_133357.txt	1243474.479	2374164.424	6/21/2013	0	0.006420065	0.475314081	A	777.0	43.8	21-06-2013 13:33:57	0	0.028000001	2.072999954	0.229288027
SFTCW	SFTCW062113_53	SFTCW062113_53_21062013_133657.txt	1243448.279	2374136.621	6/21/2013	0	0.007565531	0.316147476	A	776.9	43.8	21-06-2013 13:36:57	0	0.033	1.378999949	0.229258522
SFTCW	SFTCW062113_54	SFTCW062113_54_21062013_133947.txt	1243429.434	2374112.257	6/21/2013	0	0.004126122	0.377081692	A	776.8	43.8	21-06-2013 13:39:47	0	0.017999999	1.644999981	0.229229003
SFTCW	SFTCW062113_55	SFTCW062113_55_21062013_134334.txt	1243409.861	2374082.163	6/21/2013	9.125977516	0.001145702	0.941309035	A	776.5	43.8	21-06-2013 13:43:34	39.82699966	0.005	4.107999802	0.229140475
SFTCW	SFTCW062113_56	SFTCW062113_56_21062013_134618.txt	1243387.243	2374111.237	6/21/2013	538.8655396	0.00389416	4.924050331	A	776.5	43.9	21-06-2013 13:46:18	2352.424072	0.017000001	21.496000029	0.229068205
SFTCW	SFTCW062113_57	SFTCW062113_57_21062013_135103.txt	1243206.016	2374045.458	6/21/2013	7.679512024	0.002290682	2.136290073	A	776.5	43.9	21-06-2013 13:51:03	33.52500153	0.01	9.326000214	0.229068205
SFTCW	SFTCW062113_58	SFTCW062113_58_21062013_135403.txt	1243239.043	2374077.35	6/21/2013	0.53393513	0.000916627	0.963833034	A	776.8	43.9	21-06-2013 13:54:03	2.329999924	0.004	4.205999851	0.229156703
SFTCW	SFTCW062113_59	SFTCW062113_59_21062013_135710.txt	1243270.65	2374103.346	6/21/2013	470.2851868	0.001831968	1.290850401	A	776.5	44.0	21-06-2013 13:57:10	2053.683105	0.008	5.637000084	0.228995979
SFTCW	SFTCW062113_60	SFTCW062113_60_21062013_140044.txt	1243301.548	2374125.503	6/21/2013	15.15098381	0.002747439	3.18863225	A	776.6	44.1	21-06-2013 14:00:44	66.17500305	0.012	13.927000005	0.228953272
SFTCW	SFTCW062113_61	SFTCW062113_61_21062013_140325.txt	1243331.553	2374129.224	6/21/2013	0	0.00137311	0.373943597	A	776.5	44.2	21-06-2013 14:03:25	0	0.006	1.633999944	0.228851661
SFTCW	SFTCW062113_62	SFTCW062113_62_21062013_140657.txt	1243297.919	2374150.08	6/21/2013	0	0.00388953	0.989313364	A	776.8	44.4	21-06-2013 14:06:57	0	0.017000001	4.323999882	0.228795886
SFTCW	SFTCW062113_63	SFTCW062113_63_2106														

APPENDIX B - FLUX METER DATA

AreaAbbrev	SitePt	Filename	Northing	Easting	Date	CH <sub>4</sub> flux	H <sub>2</sub> S flux	CO <sub>2</sub> flux	ACCUMULATION CHAMBER	PRESSURE Hpa	TEMP DegC	TIME	CH <sub>4</sub> slope	H <sub>2</sub> S slope	CO <sub>2</sub> slope	AcK
SFTCW	SFTCW062113_71	SFTCW062113_71_21062013_144403.txt	1243145.742	2373762.609	6/21/2013	0	0.00754346	0.1378396	A	776.1	44.4	21-06-2013 14:44:03	0	0.033	0.602999985	0.228589714
SFTCW	SFTCW062113_72	SFTCW062113_72_21062013_144701.txt	1243201.125	2373751.607	6/21/2013	0	0.005714743	0.164127409	A	776.1	44.4	21-06-2013 14:47:01	0	0.025	0.717999995	0.228589714
SFTCW	SFTCW062113_73	SFTCW062113_73_21062013_145612.txt	1243264.862	2373666.533	6/21/2013	0	0.004579004	0.122259401	A	776.1	43.9	21-06-2013 14:56:12	0	0.02	0.533999979	0.228950202
SFTCW	SFTCW062113_74	SFTCW062113_74_21062013_150338.txt	1243148.461	2373663.282	6/21/2013	0	0.013742141	0.327979118	A	775.9	43.7	21-06-2013 15:03:38	0	0.059999999	1.432000041	0.22903569
SFTCW	SFTCW062113_75	SFTCW062113_75_21062013_151111.txt	1243266.647	2374260.83	6/21/2013	0	0.001833336	0.57245928	A	776.1	43.6	21-06-2013 15:11:11	-0.228	0.008	2.497999907	0.229167044
SFTCW	SFTCW062113_76	SFTCW062113_76_21062013_151405.txt	1243265.741	2374359.676	6/21/2013	28.04677391	0.001373585	1.723620176	A	775.3	43.6	21-06-2013 15:14:05	122.512001	0.006	7.528999805	0.228930831
SFTCW	SFTCW062113_77	SFTCW062113_77_21062013_151734.txt	1243356.048	2374364.643	6/21/2013	0	0.004348563	0.036848355	A	775.1	43.6	21-06-2013 15:17:34	0	0.018999999	0.160999998	0.228871763
SFTCW	SFTCW062113_78	SFTCW062113_78_21062013_152016.txt	1243386.063	2374366.525	6/21/2013	0	0.001374471	0.245113954	A	775.8	43.6	21-06-2013 15:20:16	0	0.006	1.070000052	0.229078457
SFTCW	SFTCW062113_79	SFTCW062113_79_21062013_152300.txt	1243464.703	2374365.044	6/21/2013	0	0.003894836	0.210550249	A	775.9	43.6	21-06-2013 15:23:00	0	0.017000001	0.91900003	0.229107991
SFTCW	SFTCW062113_80	SFTCW062113_80_21062013_152601.txt	1243537.842	2374380.792	6/21/2013	0	0.001833573	0.102680072	A	776.2	43.6	21-06-2013 15:26:01	0	0.008	0.448000014	0.229196578
SFTCW	SFTCW062113_81	SFTCW062113_81_21062013_152841.txt	1243557.454	2374267.72	6/21/2013	0	0.01008465	0.496668994	A	776.2	43.6	21-06-2013 15:28:41	0	0.044	2.167000055	0.229196578
SFTCW	SFTCW062113_82	SFTCW062113_82_21062013_153121.txt	1243486.55	2374300.116	6/21/2013	0	0.004812508	0.172104448	A	776.1	43.6	21-06-2013 15:31:21	0	0.021	0.750999987	0.229167044
SFTCW	SFTCW062113_83	SFTCW062113_83_21062013_153614.txt	1243558.575	2374165.169	6/21/2013	0	0.008706103	0.318689227	A	775.9	43.6	21-06-2013 15:36:14	0	0.037999999	1.391000032	0.229107991
SFTCW	SFTCW062113_84	SFTCW062113_84_25062013_101618.txt	1243344.029	2373568.672	6/25/2013	0	0.005021921	0.194898382	A	777.4	30.9	25-06-2013 10:16:18	-0.021	0.021	0.814999998	0.239139125
SFTCW	SFTCW062113_85	SFTCW062113_85_25062013_102247.txt	1243247.243	2373560.845	6/25/2013	0	0.005953791	0.174327001	A	777.5	32.2	25-06-2013 10:22:47	0	0.025	0.731999993	0.23815164
SFTCW	SFTCW062113_86	SFTCW062113_86_25062013_102647.txt	1243145.845	2373549.115	6/25/2013	0	0.009982754	0.259313911	A	777.5	32.8	25-06-2013 10:26:47	0	0.041999999	1.090999961	0.237684608
SFTCW	SFTCW062113_87	SFTCW062113_87_25062013_103249.txt	1242963.578	2373574.615	6/25/2013	0	0.004743167	0.080633849	A	777.3	33.4	25-06-2013 10:32:49	0	0.02	0.340000004	0.237158373
SFTCW	SFTCW062113_88	SFTCW062113_88_25062013_103801.txt	1242762.217	2373557.948	6/25/2013	0	0.005678833	0.159480572	A	777.3	34.1	25-06-2013 10:38:01	-0.012	0.024	0.674000025	0.236618057
SFTCW	SFTCW062113_89	SFTCW062113_89_25062013_111104.txt	1242558.94	2373747.104	6/25/2013	0	0.008191531	0.126149565	A	776.1	37.0	25-06-2013 11:11:04	0	0.035	0.538999975	0.234043732
SFTCW	SFTCW062113_90	SFTCW062113_90_25062013_111533.txt	1242760.131	2373763.104	6/25/2013	0	0.00374325	0.208452195	A	776.8	37.4	25-06-2013 11:15:33	0	0.016000001	0.890999973	0.233953089
SFTCW	SFTCW062113_91	SFTCW062113_91_25062013_111851.txt	1242964.709	2373751.176	6/25/2013	0	0.00958652	0.134211287	A	777.1	37.7	25-06-2013 11:18:51	0	0.041000001	0.574000001	0.233817577
SFTCW	SFTCW062113_92	SFTCW062113_92_25062013_112212.txt	1242949.153	2373946.122	6/25/2013	0	0.006313886	0.130486995	A	777.7	37.9	25-06-2013 11:22:12	0	0.027000001	0.558000028	0.233847648
SFTCW	SFTCW062113_93	SFTCW062113_93_25062013_112623.txt	1242739.465	2373958.68	6/25/2013	0	0.002570837	0.1369555	A	778.0	38.2	25-06-2013 11:26:23	0	0.011	0.586000025	0.23371245
SFTCW	SFTCW062113_94	SFTCW062113_94_25062013_112941.txt	1242566.863	2373952.537	6/25/2013	0	0.006304162	0.132854372	A	778.0	38.5	25-06-2013 11:29:41	0	0.027000001	0.569000006	0.233487472
SFTCW	SFTCW062113_95	SFTCW062113_95_25062013_113348.txt	1242558.409	2374155.777	6/25/2013	0	0.004894424	0.183191285	A	777.1	38.7	25-06-2013 11:33:48	0	0.021	0.786000013	0.233067796
SFTCW	SFTCW062113_96	SFTCW062113_96_25062013_113754.txt	1242769.002	2374120.094	6/25/2013	0	0.00651752	0.111263365	A	776.6	38.9	25-06-2013 11:37:54	0	0.028000001	0.477999985	0.232768551
SFTCW	SFTCW062113_97	SFTCW062113_97_25062013_114214.txt	1242972.567	2374114.598	6/25/2013	0	0.003260652	0.050773013	A	777.3	39.0	25-06-2013 11:42:14	0	0.014	0.217999995	0.232903734
SFTCW	SFTCW062113_98	SFTCW062113_98_25062013_114717.txt	1243152.128	2374272.459	6/25/2013	0	0.003491319	0.067498833	A	777.3	39.2	25-06-2013 11:47:17	0	0.015	0.289999992	0.232754603
SFTCW	SFTCW062113_99	SFTCW062113_99_25062013_115142.txt	1243041.193	2374255.787	6/25/2013	0	0.004186625	0.093501307	A	777.0	39.3	25-06-2013 11:51:42	0	0.017999999	0.40200001	0.232590303
SFTCW	SFTCW062813_01	SFTCW062813_01_28062013_121513.txt	1243569.165	2373374.087	6/28/2013	0	0	0.098611988	A	781.9	27.2	28-06-2013 12:15:13	0	-0.002	0.405000001	0.24348639
SFTCW	SFTCW062813_02	SFTCW062813_02_28062013_122124.txt	1243760.741	2373332.202	6/28/2013	0	0.005310728	0.973311603	A	781.9	29.8	28-06-2013 12:21:24	0	0.022	4.032000065	0.241396725
SFTCW	SFTCW062813_03	SFTCW062813_03_28062013_122707.txt	1243856.745	2373335.496	6/28/2013	0	0	1.592327833	A	778.6	31.8	28-06-2013 12:27:07	0	-0.001	6.668000221	0.238801405
SFTCW	SFTCW062813_04	SFTCW062813_04_28062013_123214.txt	1243881.242	2373390.919	6/28/2013	0	0.000949291	0.019697789	A	778.6	33.7	28-06-2013 12:32:14	0	0.004	0.082999997	0.237322763
SFTCW	SFTCW062813_05	SFTCW062813_05_28062013_123656.txt	1243969.763	2373396.156	6/28/2013	0	0.002835111	0	A	778.9	35.2	28-06-2013 12:36:56	0	0.012	-0.179000005	0.236259267
SFTCW	SFTCW062813_06	SFTCW062813_06_28062013_124133.txt	1243962.645	2373350.977	6/28/2013	0	0.000470022	0.309274495	A	777.8	36.4	28-06-2013 12:41:33	0	0.002	1.315999985	0.235011026
SFTCW	SFTCW062813_07	SFTCW062813_07_28062013_124453.txt	1243931.139	2373309.342	6/28/2013	9.056277275	0.003513362	2.420940876	A	777.7	37.4	28-06-2013 12:44:53	38.66500092	0.015	10.33600044	0.234224156
SFTCW	SFTCW062813_08	SFTCW062813_08_28062013_125235.txt	1244153.658	2373353.28	6/28/2013	0	0.002327845	0.010708089	A	777.4	39.2	28-06-2013 12:52:35	-0.009	0.01	0.046	0.232784539
SFTCW	SFTCW062813_09	SFTCW062813_09_28062013_125819.txt	1244138.849	2373166.817	6/28/2013	1.155062199	0.00255083	0.365000606	A	777.4	40.4	28-06-2013 12:58:19	4.980999947	0.011	1.574000001	0.231893644
SFTCW	SFTCW062813_10	SFTCW062813_10_28062013_130444.txt	1244303.417	2373312.282	6/28/2013	0	0.003457565	0.054629534	A	775.7	41.6	28-06-2013 13:04:44	-0.041999999	0.015	0.237000003	0.230504364
SFTCW	SFTCW062813_11	SFTCW062813_11_28062013_130912.txt	1244306.851	2373162.174	6/28/2013	0	0.001377289	0.06083025	A	774.2	42.3	28-06-2013 13:09:12	-0.045000002	0.006	0.264999986	0.229548126
SFTCW	SFTCW062813_12	SFTCW062813_12_28062013_131454.txt	1244329.307	2372992.186	6/28/2013	0	0.002977346	0.030689565	A	774.4	43.1	28-06-2013 13:14:54	-0.082000002	0.013	0.134000003	0.229026601
SFTCW	SFTCW062813_13	SFTCW062813_13_28062013_132003.txt	1244147.763	2373000.156	6/28/2013	0	0.004115735	0.198012576	A	774.6	43.7	28-06-2013 13:20:03	-0.291999996	0.017999999	0.865999997	0.228651941
SFTCW	SFTCW062813_14	SFTCW062813_14_28062013_132754.txt	1244141.258	2372785.967	6/28/2013	0	0.003879516	0.383387446	A	774.8	44.4	28-06-2013 13:27:54	0	0.017000001	1.679999948	0.228206813
SFTCW	SFTCW062813_15	SFTCW062813_15_28062013_133525.txt	1244147.479	2372584.485	6/28/2013	0	0.004570161	0.228736565	A	776.8	44.8	28-06-2013 13:35:25	0	0.02	1.001000047	0.22850804
SFTCW	SFTCW062813_16	SFTCW062813_16_28062013_134228.txt	1244123.556	2372357.405	6/28/2013	0	0.001371872	0.045271773	A	778.0	45.1	28-06-2013 13:42:28	0	0.006	0.197999999	0.22864531
SFTCW	SFTCW062813_17	SFTCW062813_17_28062013_134740.txt	1244152.536	2372149.389	6/28/2013	0	0.005239327	0.087473981	A	775.6	45.3	28-06-2013 13:47:40	0	0.023	0.384000003	0.227796823
SFTCW	SFTCW062813_18	SFTCW062813_18_28062013_135219.txt	1244318.475	2372161.57	6/28/2013	0.004096942	0.003641726	0.258562535	A	775.2	45.4	28-06-2013 13:52:19	0.017999999	0.016000001	1.136000037	0.227607861
SFTCW	SFTCW062813_19	SFTCW062813_19_28062013_135841.txt	1243953.183	2372144.726	6/28/2013	0	0.006366557	0.304230481	A	774.9	45.6	28-06-2013 13:58:41	-0.005	0.028000001	1.338000059	0.227377027
SFTCW	SFTCW062813_20	SFTCW062813_20_28062013_140334.txt	1243945.339	2372375.566	6/28/2013	0	0.005239501	0.07494764	A	776.6	45.7	28-06-2013 14:03:34	-0.007	0.023	0.328999996	0.227804378
SFTCW	SFTCW062813_21	SFTCW062813_21_28062013_140832.txt	1243972.051	2372500.29	6/28/2013	0	0.005691858	0.331266135	A	776.4	45.8	28-06-2013 14:08:32	-0.003	0.025	1.45500	

APPENDIX B - FLUX METER DATA

AreaAbbrev	SitePt	Filename	Northing	Easting	Date	CH <sub>4</sub> flux	H <sub>2</sub> S flux	CO <sub>2</sub> flux	ACCUMULATION CHAMBER	PRESSURE Hpa	TEMP DegC	TIME	CH <sub>4</sub> slope	H <sub>2</sub> S slope	CO <sub>2</sub> slope	AcK
SFTCW	SFTCW062813_29	SFTCW062813_29_28062013_145829.txt	1243542.19	2372786.874	6/28/2013	0	0.002741784	0.102588415	A	777.2	45.0	28-06-2013 14:58:29	-0.003	0.012	0.449000001	0.228481993
SFTCW	SFTCW062813_30	SFTCW062813_30_28062013_150645.txt	1243494.633	2372341.708	6/28/2013	0	0.005726749	0.170198962	A	779.2	45.0	28-06-2013 15:06:45	0	0.025	0.742999971	0.229069948
SFTCW	SFTCW062813_31	SFTCW062813_31_28062013_151424.txt	1243557.251	2373171.988	6/28/2013	0	0.002752014	0.145168766	A	780.1	45.0	28-06-2013 15:14:24	0	0.012	0.633000016	0.229334533
VP	VP061813_01	VP061813_01_18062013_114326.txt	1244292.427	2352747.607	6/18/2013	0	0	0.03481932	A	755.8	39.5	18-06-2013 11:43:26	0	-0.025	0.153999999	0.226099476
VP	VP061813_02	VP061813_02_18062013_115102.txt	1244355.328	2352533.687	6/18/2013	0	0	0.032751199	A	756.0	39.9	18-06-2013 11:51:02	0	-0.005	0.144999996	0.225870341
VP	VP061813_03	VP061813_03_18062013_115526.txt	1244550.554	2352564.514	6/18/2013	0	0.000900825	0.085803628	A	754.5	40.2	18-06-2013 11:55:26	0	0.004	0.381000012	0.22520636
VP	VP061813_04	VP061813_04_18062013_115924.txt	1244547.407	2352763.919	6/18/2013	0	0.000224872	0.071284324	A	754.1	40.5	18-06-2013 11:59:24	0	0.001	0.317000002	0.22487168
VP	VP061813_05	VP061813_05_18062013_120638.txt	1244555.42	2352369.514	6/18/2013	0	0	0.086100601	A	754.6	40.8	18-06-2013 12:06:38	0	-0.002	0.382999986	0.224805757
VP	VP061813_06	VP061813_06_18062013_121043.txt	1244346.38	2352345.003	6/18/2013	0	0	0.125220269	A	752.4	41.0	18-06-2013 12:10:43	0	-0.006	0.559000015	0.224007636
VP	VP061813_07	VP061813_07_18062013_121445.txt	1244133.785	2352347.982	6/18/2013	0	0	0.102107719	A	754.0	41.1	18-06-2013 12:14:45	0	-0.003	0.455000013	0.22441256
VP	VP061813_08	VP061813_08_18062013_122023.txt	1244139.367	2352554.269	6/18/2013	0	0	0.019542528	A	755.2	41.3	18-06-2013 12:20:23	0	0	0.086999997	0.224626765
VP	VP061813_09	VP061813_09_18062013_122527.txt	1244152.317	2352768.083	6/18/2013	0	0.000674165	0	A	756.0	41.5	18-06-2013 12:25:27	0	0.003	-0.071000002	0.224721789
VP	VP061813_10	VP061813_10_18062013_123247.txt	1243737.562	2352732.109	6/18/2013	0	0.000224656	0	A	756.5	41.8	18-06-2013 12:32:47	0	0.001	-0.055	0.224656209
VP	VP061813_100	VP061813_100_19062013_144502.txt	1243153.354	2349984.058	6/19/2013	0	0.001776087	0.182936937	A	755.9	45.3	19-06-2013 14:45:02	0	0.008	0.824000001	0.222010851
VP	VP061813_101	VP061813_101_19062013_145045.txt	1243224.019	2349788.933	6/19/2013	0	0.00222088	0.086836398	A	756.4	45.4	19-06-2013 14:50:45	0	0.01	0.391000003	0.222087964
VP	VP061813_102	VP061813_102_19062013_145354.txt	1243152.344	2349823.964	6/19/2013	1.362568021	0.000887956	1.403413892	A	756.3	45.5	19-06-2013 14:53:54	6.138000011	0.004	6.322000027	0.221988916
VP	VP061813_103	VP061813_103_19062013_145705.txt	1243133.855	2349777.406	6/19/2013	0	0.002886238	0.609218121	A	756.4	45.5	19-06-2013 14:57:05	0	0.013	2.743999958	0.222018272
VP	VP061813_104	VP061813_104_19062013_150220.txt	1242942.322	2349618.566	6/19/2013	0	0.002220183	0.025754118	A	756.4	45.5	19-06-2013 15:02:20	0	0.01	0.115999997	0.222018272
VP	VP061813_105	VP061813_105_19062013_150657.txt	1243125.576	2349590.264	6/19/2013	0	0.001331119	0.005102621	A	755.6	45.4	19-06-2013 15:06:57	0	0.006	0.023	0.221853077
VP	VP061813_106	VP061813_106_19062013_151120.txt	1242945.93	2349783.792	6/19/2013	0	0.001553459	0.364397138	A	755.6	45.3	19-06-2013 15:11:20	0	0.007	1.64199996	0.22192274
VP	VP061813_107	VP061813_107_19062013_151521.txt	1242966.792	2349952.369	6/19/2013	0	0.001780551	0.259292752	A	757.8	45.3	19-06-2013 15:15:21	0	0.008	1.164999962	0.222568884
VP	VP061813_108	VP061813_108_19062013_151935.txt	1242935.287	2350145.737	6/19/2013	0	0.00400624	0.185177311	A	757.8	45.3	19-06-2013 15:19:35	0	0.017999999	0.832000017	0.222568884
VP	VP061813_109	VP061813_109_19062013_152440.txt	1242716.691	2350148.357	6/19/2013	0	0.002895687	0.310952187	A	758.4	45.3	19-06-2013 15:24:40	0	0.013	1.396000028	0.222745106
VP	VP061813_11	VP061813_11_18062013_123944.txt	1243718.117	2352976.339	6/18/2013	0	0.001350749	0.444621503	A	758.8	42.1	18-06-2013 12:39:44	0	0.006	1.975000024	0.225124806
VP	VP061813_110	VP061813_110_19062013_152855.txt	1242725.053	2349976.82	6/19/2013	0	0.003123366	0.144344121	A	759.6	45.3	19-06-2013 15:28:55	0	0.014	0.647000015	0.223097563
VP	VP061813_111	VP061813_111_19062013_153228.txt	1242760.111	2350003.853	6/19/2013	6.003657341	0	3.167122126	A	759.5	45.3	19-06-2013 15:32:28	26.91399956	-0.004	14.19799995	0.223068193
VP	VP061813_112	VP061813_112_19062013_153947.txt	1242751.318	2349754.099	6/19/2013	0	0.001338057	0	A	759.3	45.3	19-06-2013 15:39:47	0	0.006	-2.244999886	0.223009452
VP	VP061813_113	VP061813_113_19062013_154421.txt	1242548.262	2349785.145	6/19/2013	0	0.002225577	0.117733039	A	758.0	45.4	19-06-2013 15:44:21	0	0.01	0.528999984	0.222557738
VP	VP061813_114	VP061813_114_19062013_154845.txt	1242554.559	2349947.455	6/19/2013	0	0.003122227	0.121097811	A	759.8	45.5	19-06-2013 15:48:45	0	0.014	0.542999983	0.223016232
VP	VP061813_115	VP061813_115_19062013_155357.txt	1242528.587	2350172.711	6/19/2013	0	0.002231336	0.05399834	A	760.2	45.5	19-06-2013 15:53:57	0	0.01	0.241999999	0.223133639
S17	VP061813_116	VP061813_116_20062013_122926.txt	1240798.27	2341097.528	6/20/2013	0	0	0	A	763.5	29.8	20-06-2013 12:29:26	0	-0.003	-0.145999998	0.235716075
S17	VP061813_117	VP061813_117_20062013_123522.txt	1240796.386	2341049.775	6/20/2013	0	0.002103393	0	A	763.5	32.4	20-06-2013 12:35:22	0	0.009	-0.034000002	0.233710304
S17	VP061813_118	VP061813_118_20062013_123844.txt	1240800.729	2340999.407	6/20/2013	0	0.001395678	0.287975013	A	762.9	33.6	20-06-2013 12:38:44	0	0.006	1.238000035	0.232613087
S17	VP061813_119	VP061813_119_20062013_124456.txt	1240846.255	2341000.323	6/20/2013	0			A	762.6	35.3	20-06-2013 12:44:56	0			0.231240094
VP	VP061813_12	VP061813_12_18062013_124700.txt	1243772.259	2353155.965	6/18/2013	0	0.000225279	0	A	759.8	42.3	18-06-2013 12:47:00	0	0.001	-0.023	0.225278556
S17	VP061813_120	VP061813_120_20062013_124807.txt	1240862.297	2341024.381	6/20/2013	61.47274017	0.000921116	12.97253513	A	761.4	36.1	20-06-2013 12:48:07	266.9490051	0.004	56.33399963	0.230278969
S17	VP061813_121	VP061813_121_20062013_125106.txt	1240851.772	2341045.766	6/20/2013	0.311858267	0.000459968	0.559091091	A	761.9	36.7	20-06-2013 12:51:06	1.355999947	0.002	2.430999994	0.229983985
S17	VP061813_122	VP061813_122_20062013_125550.txt	1240855.826	2341099.409	6/20/2013	0	0.000458783	0.185807288	A	761.9	37.5	20-06-2013 12:55:50	0	0.002	0.810000002	0.229391709
S17	VP061813_123	VP061813_123_20062013_125843.txt	1240903.33	2341097.488	6/20/2013	0	0	0.155847117	A	762.2	37.9	20-06-2013 12:58:43	0	0	0.680000007	0.229186937
S17	VP061813_124	VP061813_124_20062013_130246.txt	1240899.39	2341047.162	6/20/2013	0	0.001372474	0.166755602	A	762.2	38.5	20-06-2013 13:02:46	0	0.006	0.728999972	0.228745699
S17	VP061813_125	VP061813_125_20062013_130801.txt	1240898.103	2340994.263	6/20/2013	0	0.000912386	0.034670662	A	761.5	39.1	20-06-2013 13:08:01	0	0.004	0.151999995	0.22809647
VP	VP061813_13	VP061813_13_18062013_125558.txt	1243747.695	2353368.773	6/18/2013	0	0.000225587	0.000225587	A	760.6	42.2	18-06-2013 12:55:58	0	0.001	0.001	0.225587279
VP	VP061813_14	VP061813_14_18062013_130053.txt	1243546.407	2353373.212	6/18/2013	0	0.000225006	0.201155469	A	758.4	42.1	18-06-2013 13:00:53	0	0.001	0.893999994	0.225006118
VP	VP061813_15	VP061813_15_18062013_130905.txt	1243564.57	2353147.712	6/18/2013	0	0.000451223	0.070390865	A	760.2	42.0	18-06-2013 13:09:05	0	0.002	0.312000006	0.225611731
VP	VP061813_16	VP061813_16_18062013_131539.txt	1243485.538	2353003.299	6/18/2013	1.207528353	0	0.780450821	A	761.8	42.0	18-06-2013 13:15:39	5.34100008	0	3.451999903	0.226086572
VP	VP061813_17	VP061813_17_18062013_131919.txt	1243545.454	2352990.323	6/18/2013	0	0.001127849	0.330008686	A	760.3	42.1	18-06-2013 13:19:19	0	0.005	1.463000059	0.225569829
VP	VP061813_18	VP061813_18_18062013_132326.txt	1243549.404	2352789.249	6/18/2013	0	0.000450724	0.249926612	A	759.6	42.1	18-06-2013 13:23:26	0	0.002	1.108999968	0.225362152
VP	VP061813_19	VP061813_19_18062013_132949.txt	1243547.469	2352511.248	6/18/2013	0	0.000225332	0	A	759.5	42.1	18-06-2013 13:29:49	0	0.001	-0.568000019	0.225332484
VP	VP061813_20	VP061813_20_18062013_133639.txt	1243553.154	2352355.362	6/18/2013	0	0.002027567	0.020726245	A	759.1	42.0	18-06-2013 13:36:39	0	0.009	0.092	0.225285262
VP	VP061813_21	VP061813_21_18062013_134221.txt	1243335.078	2352316.943	6/18/2013	0	0.000676159	0.172195256	A	759.2	41.9	18-06-2013 13:42:21	0	0.003	0.763999999	0.225386456
VP	VP061813_22	VP061813_22_18062013_134847.txt	1243355.262	2352518.668	6/18/2013	0	0.000678067	0.037519693	A	761.1	41.8	18-06-2013 13:48:47	0	0.003	0.165999994	0.226022258
VP	VP061813_23	VP061813_23_18062013_135500.txt	1243358.668	2352761.536	6/18/2013	0	0.000225594	0.143477947	A	759.9						



APPENDIX B - FLUX METER DATA

AreaAbbrev	SitePt	Filename	Northing	Easting	Date	CH <sub>4</sub> flux	H <sub>2</sub> S flux	CO <sub>2</sub> flux	ACCUMULATION CHAMBER	PRESSURE Hpa	TEMP DegC	TIME	CH <sub>4</sub> slope	H <sub>2</sub> S slope	CO <sub>2</sub> slope	AcK
VP	VP061813_29	VP061813_29_18062013_143651.txt	1243115.458	2352570.379	6/18/2013	0	0.006561813	0.021948136	A	762.9	42.2	18-06-2013 14:36:51	0	0.028999999	0.097000003	0.226269439
VP	VP061813_30	VP061813_30_18062013_144218.txt	1243142.66	2352356.952	6/18/2013	0	0.000903012	0.217174351	A	761.4	42.3	18-06-2013 14:42:18	0	0.004	0.962000012	0.225752965
VP	VP061813_31	VP061813_31_18062013_144855.txt	1243135.951	2352281.752	6/18/2013	0	0.001580185	0.398432344	A	761.6	42.4	18-06-2013 14:48:55	0	0.007	1.764999986	0.225740701
VP	VP061813_32	VP061813_32_18062013_145321.txt	1242943.003	2352389.772	6/18/2013	0	0.001579269	0.067908585	A	761.4	42.5	18-06-2013 14:53:21	0	0.007	0.300999999	0.225609913
VP	VP061813_33	VP061813_33_18062013_145718.txt	1242944.024	2352545.023	6/18/2013	0	0.000451847	0.294604331	A	762.7	42.6	18-06-2013 14:57:18	0	0.002	1.304000002	0.225923553
VP	VP061813_34	VP061813_34_18062013_150254.txt	1242964.815	2352749.616	6/18/2013	0	0.001354934	0.393156826	A	762.6	42.7	18-06-2013 15:02:54	0	0.006	1.741000056	0.225822404
VP	VP061813_35	VP061813_35_18062013_150940.txt	1242925.646	2352948.043	6/18/2013	0	0.000452568	0	A	764.4	42.8	18-06-2013 15:09:40	0	0.002	-0.07	0.226283789
VP	VP061813_36	VP061813_36_18062013_151345.txt	1242707.927	2352957.065	6/18/2013	0	0.001355038	0.098466121	A	762.9	42.8	18-06-2013 15:13:45	-0.01	0.006	0.43599999	0.225839734
VP	VP061813_37	VP061813_37_18062013_151805.txt	1242760.852	2352777.63	6/18/2013	0	0	0.058833782	A	764.4	42.8	18-06-2013 15:18:05	0	0	0.25999999	0.226283789
VP	VP061813_38	VP061813_38_18062013_152210.txt	1242765.355	2352571.043	6/18/2013	0	0.001359301	0	A	765.3	42.8	18-06-2013 15:22:10	0	0.006	-0.067000002	0.226550207
VP	VP061813_39	VP061813_39_18062013_152748.txt	1242755.627	2352392.293	6/18/2013	0	0.000452424	0.033931829	A	764.4	42.9	18-06-2013 15:27:48	0	0.002	0.150000006	0.226212189
VP	VP061813_40	VP061813_40_18062013_153148.txt	1242549.254	2352358.573	6/18/2013	0	0.000903734	0.008133607	A	763.7	43.0	18-06-2013 15:31:48	0	0.004	0.035999998	0.225933537
VP	VP061813_41	VP061813_41_18062013_153554.txt	1242577.01	2352551.813	6/18/2013	0	0.002034888	0.18675752	A	764.5	43.1	18-06-2013 15:35:54	0	0.009	0.825999975	0.226098701
VP	VP061813_42	VP061813_42_18062013_154053.txt	1242541.958	2352754.313	6/18/2013	0	0.004076165	0.149459377	A	765.7	43.1	18-06-2013 15:40:53	0	0.017999999	0.660000026	0.226453602
VP	VP061813_43	VP061813_43_18062013_154507.txt	1242540.566	2352968.432	6/18/2013	0	0.001132144	0.03826645	A	766.1	43.3	18-06-2013 15:45:07	0	0.005	0.169	0.226428702
VP	VP061813_44	VP061813_44_19062013_095938.txt	1243926.512	2351150.369	6/19/2013	0	0	0.173232064	A	753.1	25.3	19-06-2013 09:59:38	0	-0.004	0.734000027	0.236010969
VP	VP061813_45	VP061813_45_19062013_100457.txt	1244133.028	2351143.146	6/19/2013	0	0.002110524	0.124520898	A	752.8	27.1	19-06-2013 10:04:57	0	0.009	0.531000018	0.234502628
VP	VP061813_46	VP061813_46_19062013_101037.txt	1244337.791	2351183.903	6/19/2013	0	0.000464692	0.123375744	A	750.1	28.8	19-06-2013 10:10:37	0	0.002	0.531000018	0.232346028
VP	VP061813_47	VP061813_47_19062013_101601.txt	1244144.791	2350952.402	6/19/2013	0	0.000230994	0.105333425	A	748.7	30.0	19-06-2013 10:16:01	0	0.001	0.456	0.230994359
VP	VP061813_48	VP061813_48_19062013_102033.txt	1244134.424	2350741.885	6/19/2013	0	0.002081232	0.151698679	A	751.5	30.8	19-06-2013 10:20:33	0	0.009	0.656000018	0.231247976
VP	VP061813_49	VP061813_49_19062013_102357.txt	1244137.904	2350575.417	6/19/2013	0	0.000922924	0.011536549	A	751.3	31.4	19-06-2013 10:23:57	0	0.004	0.050000001	0.230730966
VP	VP061813_50	VP061813_50_19062013_103024.txt	1244113.312	2350351.098	6/19/2013	0	0	0.122931346	A	750.9	32.5	19-06-2013 10:30:24	0	0	0.535000026	0.22977782
VP	VP061813_51	VP061813_51_19062013_103405.txt	1244143.535	2350203.23	6/19/2013	0	0.000228765	0.235856384	A	749.3	33.2	19-06-2013 10:34:05	0	0.001	1.031000018	0.228764668
VP	VP061813_52	VP061813_52_19062013_103922.txt	1244132.085	2349970.851	6/19/2013	0	0.00022796	0.005698988	A	749.1	34.2	19-06-2013 10:39:22	0	0.001	0.025	0.227959499
VP	VP061813_53	VP061813_53_19062013_104619.txt	1244144.826	2349766.31	6/19/2013	0	0.000226904	0.044019371	A	748.3	35.3	19-06-2013 10:46:19	0	0.001	0.194000006	0.22690396
VP	VP061813_54	VP061813_54_19062013_105133.txt	1244167.392	2349749.804	6/19/2013	0	0.000679534	1.02677536	A	748.7	36.0	19-06-2013 10:51:33	-0.022	0.003	4.532999992	0.22651121
VP	VP061813_55	VP061813_55_19062013_105446.txt	1244202.979	2349769.697	6/19/2013	3.867765665	0.000452291	4.242940903	A	748.7	36.5	19-06-2013 10:54:46	17.10300064	0.002	18.76199913	0.226145446
VP	VP061813_56	VP061813_56_19062013_110202.txt	1244325.529	2349946.2	6/19/2013	0	0.000675439	0.171336487	A	747.8	37.5	19-06-2013 11:02:02	0	0.003	0.760999978	0.225146502
VP	VP061813_57	VP061813_57_19062013_110734.txt	1244321.402	2349748.635	6/19/2013	0	0.004040497	0.22739023	A	747.0	38.1	19-06-2013 11:07:34	0	0.017999999	1.013000011	0.224472091
VP	VP061813_58	VP061813_58_19062013_111205.txt	1244311.613	2349584.254	6/19/2013	0	0.000449004	0.019980686	A	748.3	38.6	19-06-2013 11:12:05	0	0.002	0.089000002	0.224502087
VP	VP061813_59	VP061813_59_19062013_111615.txt	1244130.629	2349584.205	6/19/2013	0	0.001345826	0.020187387	A	748.6	39.0	19-06-2013 11:16:15	0	0.006	0.090000004	0.224304304
VP	VP061813_60	VP061813_60_19062013_112019.txt	1244117.869	2349691.164	6/19/2013	0	0.000448896	0.13624002	A	749.8	39.3	19-06-2013 11:20:19	0	0.002	0.606999993	0.224448144
VP	VP061813_61	VP061813_61_19062013_112419.txt	1243953.265	2349562.001	6/19/2013	0	0.003588873	0.222958744	A	749.8	39.5	19-06-2013 11:24:19	0	0.016000001	0.994000018	0.224304572
VP	VP061813_62	VP061813_62_19062013_112838.txt	1243947.629	2349374.604	6/19/2013	0	0.000898487	0.16869083	A	751.1	39.6	19-06-2013 11:28:38	0	0.004	0.750999987	0.224621624
VP	VP061813_63	VP061813_63_19062013_113313.txt	1243963.88	2349184.278	6/19/2013	0	0.001121045	0.548863828	A	750.2	39.8	19-06-2013 11:33:13	0	0.005	2.447999954	0.224209085
VP	VP061813_64	VP061813_64_19062013_114240.txt	1243923.723	2348931.584	6/19/2013	0	0.001120329	0.116514266	A	750.2	40.0	19-06-2013 11:42:40	0	0.005	0.519999981	0.2240659
VP	VP061813_65	VP061813_65_19062013_114643.txt	1243929.776	2348781.115	6/19/2013	0	0.000672073	0.093866147	A	750.3	40.1	19-06-2013 11:46:43	0	0.003	0.419	0.224024221
VP	VP061813_66	VP061813_66_19062013_115217.txt	1243745.486	2348779.89	6/19/2013	0	0.00313392	0.284962893	A	750.2	40.3	19-06-2013 11:52:17	0	0.014	1.273000002	0.223851442
VP	VP061813_67	VP061813_67_19062013_115551.txt	1243742.053	2348946.839	6/19/2013	0	0.000896266	0	A	751.4	40.5	19-06-2013 11:55:51	0	0.004	-0.075999998	0.224066541
VP	VP061813_68	VP061813_68_19062013_115959.txt	1243755.127	2349170.227	6/19/2013	0	0.00111947	0	A	751.3	40.7	19-06-2013 11:59:59	0	0.005	-0.160999998	0.223893955
VP	VP061813_69	VP061813_69_19062013_120501.txt	1243763.515	2349350.345	6/19/2013	0	0.001118666	0.189949527	A	751.0	40.8	19-06-2013 12:05:01	0	0.005	0.848999977	0.223733261
VP	VP061813_70	VP061813_70_19062013_120946.txt	1243742.556	2349570.206	6/19/2013	0	0.000671254	0.005146281	A	751.3	40.9	19-06-2013 12:09:46	0	0.003	0.023	0.223751366
VP	VP061813_71	VP061813_71_19062013_121311.txt	1243731.531	2349770.902	6/19/2013	0	0.001343689	0.011197405	A	752.2	41.0	19-06-2013 12:13:11	0	0.006	0.050000001	0.223948091
VP	VP061813_72	VP061813_72_19062013_121756.txt	1243926.171	2349771.47	6/19/2013	0	0.001565679	0.004920707	A	751.5	41.1	19-06-2013 12:17:56	0	0.007	0.022	0.223668486
VP	VP061813_73	VP061813_73_19062013_122125.txt	1243938.039	2349973.315	6/19/2013	0	0	0.004687421	A	750.2	41.2	19-06-2013 12:21:25	0	-0.001	0.021	0.223210543
VP	VP061813_74	VP061813_74_19062013_122515.txt	1243945.481	2350155.403	6/19/2013	0	0.001114954	0.033002645	A	749.7	41.3	19-06-2013 12:25:15	0	0.005	0.148000002	0.222990841
VP	VP061813_75	VP061813_75_19062013_123005.txt	1243955.081	2350350.922	6/19/2013	0	0.001337231	0.04880894	A	749.3	41.3	19-06-2013 12:30:05	0	0.006	0.218999997	0.22287187
VP	VP061813_76	VP061813_76_19062013_123607.txt	1243962.711	2350591.963	6/19/2013	0	0.00022314	0.197255373	A	750.2	41.3	19-06-2013 12:36:07	0	0.001	0.884000003	0.223139554
VP	VP061813_77	VP061813_77_19062013_123950.txt	1243961.123	2350766.196	6/19/2013	0	0.002010829	0.215605542	A	751.4	41.4	19-06-2013 12:39:50	0	0.009	0.964999974	0.223425433
VP	VP061813_78	VP061813_78_19062013_124450.txt	1243944.214	2350957.097	6/19/2013	0	0.00089532	0.061329424	A	753.0	41.5	19-06-2013 12:44:50	0	0.004	0.273999989	0.223830029
VP	VP061813_79	VP061813_79_19062013_124918.txt	1243747.672	2350968.122	6/19/2013	0	0.001117697	0.047166795	A	752.5	41.7	19-06-2013 12:49:18	0	0.005	0.210999995	0.223539323
VP	VP061813_80	VP061813_80_19062013_125333.txt	1243749.766	2351175.689	6/19/2013	0	0.001342344	0.178979173	A	753.6	41.9	19-06-2				

APPENDIX B - FLUX METER DATA

AreaAbbrev	SitePt	Filename	Northing	Easting	Date	CH <sub>4</sub> flux	H <sub>2</sub> S flux	CO <sub>2</sub> flux	ACCUMULATION CHAMBER	PRESSURE Hpa	TEMP DegC	TIME	CH <sub>4</sub> slope	H <sub>2</sub> S slope	CO <sub>2</sub> slope	AcK
VP	VP061813_86	VP061813_86_19062013_132445.txt	1243744.946	2350301.294	6/19/2013	0	0.001333722	0.068464398	A	752.8	43.6	19-06-2013 13:24:45	0	0.006	0.307999998	0.222287014
VP	VP061813_87	VP061813_87_19062013_133050.txt	1243758.107	2350186.784	6/19/2013	0	0.000442678	0.028110078	A	750.3	43.9	19-06-2013 13:30:50	0	0.002	0.127000004	0.221339181
VP	VP061813_88	VP061813_88_19062013_133556.txt	1243517.016	2350158.343	6/19/2013	0	0.001768804	0.16471985	A	750.2	44.2	19-06-2013 13:35:56	0	0.008	0.745000005	0.221100464
VP	VP061813_89	VP061813_89_19062013_134013.txt	1243537.857	2349963.632	6/19/2013	0	0.001774375	0.17255795	A	752.8	44.3	19-06-2013 13:40:13	0	0.008	0.777999997	0.221796855
VP	VP061813_90	VP061813_90_19062013_134656.txt	1243744.377	2349973.774	6/19/2013	0	0.002440496	0	A	753.5	44.5	19-06-2013 13:46:56	0	0.011	-0.035999998	0.221863315
VP	VP061813_91	VP061813_91_19062013_135055.txt	1243546.075	2349770.785	6/19/2013	0	0.001990048	0.009065776	A	751.2	44.6	19-06-2013 13:50:55	0	0.009	0.041000001	0.221116483
VP	VP061813_92	VP061813_92_19062013_135739.txt	1243528.633	2349567.077	6/19/2013	0	0.001774025	0.079387628	A	753.6	44.7	19-06-2013 13:57:39	0	0.008	0.358000001	0.22175315
VP	VP061813_93	VP061813_93_19062013_140225.txt	1243520.129	2349360.5	6/19/2013	0	0.001548695	0.099116482	A	752.1	44.8	19-06-2013 14:02:25	0	0.007	0.448000014	0.221242145
VP	VP061813_94	VP061813_94_19062013_140636.txt	1243543.233	2349171.304	6/19/2013	0	0.001327629	0.088066079	A	752.2	44.8	19-06-2013 14:06:36	0	0.006	0.398000002	0.22127156
VP	VP061813_95	VP061813_95_19062013_141144.txt	1243552.37	2348972.238	6/19/2013	0	0.001105716	0.085582413	A	752.0	44.9	19-06-2013 14:11:44	0	0.005	0.386999995	0.221143186
VP	VP061813_96	VP061813_96_19062013_142254.txt	1243326.775	2349552.066	6/19/2013	0	0.002210149	0.117579915	A	751.8	45.0	19-06-2013 14:22:54	0	0.01	0.532000005	0.221014872
VP	VP061813_97	VP061813_97_19062013_142917.txt	1243337.393	2349781.456	6/19/2013	0.97413677	0.001993005	0.794544816	A	753.5	45.1	19-06-2013 14:29:17	4.399000168	0.009	3.588000059	0.221445039
VP	VP061813_98	VP061813_98_19062013_143451.txt	1243332.229	2349961.492	6/19/2013	0	0.001776645	0.166782513	A	755.9	45.2	19-06-2013 14:34:51	0	0.008	0.750999987	0.222080588
VP	VP061813_99	VP061813_99_19062013_144033.txt	1243145.106	2350153.328	6/19/2013	0	0.001774765	0.33143726	A	755.1	45.2	19-06-2013 14:40:33	0	0.008	1.493999958	0.221845552

