



Appendix C
Soil Quality Control Assessment

Soil Quality Control Data

Location	Sample Interval	Duplicate Collected	pH _F	pH _{ROX}	ΔpH	pH _{KCl}	s-TAA	S _{POS}	Net Acidity
K3	1.25	1	8.4	5.9	2.5	6.5	<0.02	<0.02	<0.02
K3	Dup 1	-	8.4	5.7	2.7	6.9	<0.02	0.05	0.05
RPD			0%	3%	8%	6%	0%*	86%	86%
K5	2.0	2	8.3	6.4	1.9	7.2	<0.02	<0.02	<0.02
K5	Dup 2	-	8.7	6.1	2.6	8.5	<0.02	0.05	0.05
RPD			5%	5%	31%	17%	0%*	86%	86%
K8	0.75	3	7.2	4.7	2.5	5.7	<0.02	<0.02	<0.02
K8	Dup 3	-	7.7	5.3	2.4	5.6	<0.02	0.02	0.04
RPD			7%	12%	4%	2%	0%*	0%	67%
K9	4.0	4	6	4.7	1.3	6.4	<0.02	0.05	0.05
K9	Dup 4	-	7.3	1	6.3	6.1	<0.02	0.07	0.07
RPD			20%	130%	132%	5%	0%*	33%	33%
K10	4.25	5	6.4	2.6	3.8	6.2	<0.02	0.44	0.44
K10	Dup 5	-	7.6	1.7	5.9	5.7	<0.02	0.15	0.15
RPD			17%	42%	43%	8%	0%*	98%	98%
K12	2.0	6	5.1	4.1	1	5.3	0.02	<0.02	0.02
K12	Dup 6	-	7.4	4.7	2.7	5.5	0.03	0.05	0.080
RPD			37%	14%	92%	4%	40%	86%	120%
K15	1.0	7	7.5	5.7	1.8	6.3	<0.02	0.04	<0.02
K15	Dup 7	-	5.7	5.8	-0.1	6.1	<0.02	<0.02	<0.02
RPD			27%	2%	224%	3%	0%*	67%	0%*
K17	2.0	8	5.2	4.2	1	5.8	0.02	0.08	0.10
K17	Dup 8	-	4.9	4.2	0.7	5.4	0.03	0.03	0.06
RPD			6%	0%	35%	7%	40%	91%	50%
K19	1.0	9	4.1	4	0.1	6.1	<0.02	<0.02	<0.02
K19	Dup 9	-	4.5	4.6	-0.1	6.5	<0.02	<0.02	<0.02
RPD			9%	14%	200%	6%	0%*	0%*	0%*
K21	2.0	10	5.1	4.4	0.7	5.4	0.04	0.07	0.12
K21	Dup 10	-	5.1	4	1.1	5.1	0.08	0.03	0.11
RPD			0%	10%	44%	6%	67%	80%	9%

Notes:

* Where

120% Denotes value exceeds RPD by > 50%

105% Denotes value exceeds RPD by >50% where detection limit was used