

SAL East Kilbride

As Raw Data

As189.04 Repeat Comparison Wet vs Dry

SAL Ref.	Dry Results							Wet Results (with corrected to dry weight below) % Soilds							Corrected To dry wt.	Delta Dry/Wet %	T Test Result
	1	2	3	4	5	6	Mean	1	2	3	4	5	6	Mean			
S22473/004 Topsoil	4.78	5.13	4.87	4.41	5.21	4.98	4.90	3.67	4.5	4.63	3.67	4.17	3.47	4.02	82.5	4.87	0.5 Diff not significant
S22200/003 Sand/Gravel	2.99	3.13	3.34	3.37	2.89	2.95	3.11	1.86	2.83	3.32	4.23	4.6	2.62	3.24	89.2	3.64	-16.8 Diff not significant
S21901/004 Clay	2.52	1.75	0.91	1.17	2.36	1.67	1.73	1.55	1.86	1.72	0.75	1.47	2.55	1.65	87.5	1.89	-9.0 Diff not significant

Wet Weights Corrected to Dry Weight

S22473/004	4.45	5.45	5.61	4.44	5.06	4.2
S22200/003	2.08	3.17	3.72	4.74	5.16	2.93
S21901/004	1.77	2.13	1.97	0.86	1.68	2.92

SAL East Kilbride

Be Raw Data

Be455.40 Repeat Comparison Wet vs Dry

SAL Ref.	Dry Results							Wet Results (with corrected to dry weight below) % Soilds							Corrected To dry wt.	Delta Dry/Wet %	T Test Result
	1	2	3	4	5	6	Mean	1	2	3	4	5	6	Mean			
S22473/004 Topsoil	1.55	1.57	1.48	1.55	1.62	1.56	1.56	1.45	1.36	1.01	1.35	1.29	1.1	1.26	82.5	1.53	1.9 Diff not significant
S22200/003 Sand/Gravel	0.36	0.33	0.33	0.37	0.31	0.34	0.34	0.29	0.36	0.42	0.77	0.44	0.25	0.42	89.2	0.47	-39.5 Diff not significant
S21901/004 Clay	0.35	0.33	0.36	0.34	0.37	0.34	0.35	0.47	0.47	0.45	0.45	0.47	0.46	0.46	87.5	0.53	-51.8 Real difference

Wet Weights Corrected to Dry Weight						
S22473/004	1.76	1.65	1.22	1.64	1.56	1.33
S22200/003	0.32	0.41	0.47	0.86	0.49	0.28
S21901/004	0.53	0.54	0.51	0.52	0.54	0.53

SAL East Kilbride

Cd Raw Data

Cd214.43 Repeat Comparison Wet vs Dry

SAL Ref.	Dry Results							Wet Results (with corrected to dry weight below) % Soilds							Corrected To dry wt.	Delta Dry/Wet %	T Test Result
	1	2	3	4	5	6	Mean	1	2	3	4	5	6	Mean			
S22473/004 Topsoil	0.98	1.01	1.03	1.08	1.01	1.06	1.03	2.12	0.81	0.82	0.55	0.73	0.62	0.94	82.5	1.14	-10.9 Diff not significant
S22200/003 Sand/Gravel	0.53	0.39	0.47	0.52	0.51	0.56	0.50	0.95	1.09	0.81	0.86	0.9	0.78	0.90	89.2	1.01	-102.5 Real difference
S21901/004 Clay	0.2 ND		0.27	0.26	0.36	0.22	0.22	0.63	0.65	0.58	0.63	0.65	0.67	0.63	87.5	0.72	-230.9 Real difference

Wet Weights Corrected to Dry Weight						
S22473/004	2.57	0.99	0.99	0.67	0.88	0.75
S22200/003	1.07	1.22	0.91	0.96	1	0.87
S21901/004	0.72	0.75	0.66	0.71	0.74	0.76

SAL East Kilbride

Co Raw Data

Co228.61 Repeat Comparison Wet vs Dry

SAL Ref.	Dry Results							Wet Results (with corrected to dry weight below)							% Soilds	Corrected To dry wt.	Delta Dry/Wet % T Test Result
	1	2	3	4	5	6	Mean	1	2	3	4	5	6	Mean			
S22473/004 Topsoil	16.53	16.28	16.19	16.93	16.79	16.47	16.53	14.26	13.02	14.13	12.49	13.8	12.75	13.41	82.5	16.25	1.7 Diff not significant
S22200/003 Sand/Gravel	10.13	9.72	9.33	9.45	9.85	9.75	9.71	9.88	9.45	8.44	11.09	8.8	9.43	9.52	89.2	10.67	-9.9 Diff not significant
S21901/004 Clay	8.46	8.16	8.97	8.63	8.6	8.25	8.51	7.71	7.83	6.94	9.7	8.67	7.75	8.1	87.5	9.26	-8.8 Diff not significant

Wet Weights Corrected to Dry Weight						
S22473/004	17.28	15.78	17.13	15.14	16.73	15.45
S22200/003	11.08	10.59	9.46	12.43	9.87	10.57
S21901/004	8.81	8.95	7.93	11.09	9.91	8.86

SAL East Kilbride

Cr Raw Data

Cr267.71 Repeat Comparison Wet vs Dry

SAL Ref.	Dry Results						Wet Results (with corrected to dry weight below)							% Soilds	Corrected To dry wt.	Delta Dry/Wet % T Test Result	
	1	2	3	4	5	6	Mean	1	2	3	4	5	6				Mean
S22473/004 Topsoil	27.88	25.71	26.15	26.89	26.19	26.12	26.49	19.44	20.54	20.83	20.22	21.34	20.2	20.43	82.5	24.76	6.5 Real difference
S22200/003 Sand/Gravel	22.59	23.7	22.23	22.82	21.89	23.09	22.72	19.81	22.39	20.09	21.38	24.03	20.08	21.3	89.2	23.88	-5.1 Diff not significant
S21901/004 Clay	19.55	18.59	19.94	18.97	19.63	18.82	19.25	17.14	17.48	16.52	16.96	16.89	18.39	17.23	87.5	19.69	-2.3 Diff not significant

Wet Weights Corrected to Dry Weight						
S22473/004	23.56	24.9	25.25	24.51	25.87	24.48
S22200/003	22.21	25.1	22.52	23.97	26.94	22.51
S21901/004	19.59	19.98	18.88	19.38	19.3	21.02

SAL East Kilbride

Cu Raw Data

Cu324.75 Repeat Comparison Wet vs Dry

SAL Ref.	Dry Results							Wet Results (with corrected to dry weight below)							% Soilds	Corrected To dry wt.	Delta Dry/Wet % T Test Result
	1	2	3	4	5	6	Mean	1	2	3	4	5	6	Mean			
S22473/004 Topsoil	128.2	120	124.3	124.4	138.8	117.8	125.58	189	106.6	93.7	96.2	98.7	93.4	112.93	82.5	136.89	-9.0 Diff not significant
S22200/003 Sand/Gravel	50.9	37.4	26.46	24.98	26.65	29.03	32.57	18.51	22.45	19.33	62.3	19.79	22.25	27.44	89.2	30.76	5.6 Diff not significant
S21901/004 Clay	15.64	14.57	14.6	14.23	15.31	14.19	14.76	11.42	11.19	10.33	10.41	10.94	11.16	10.91	87.5	12.47	15.5 Real difference

Wet Weights Corrected to Dry Weight						
S22473/004	229.09	129.21	113.58	116.61	119.64	113.21
S22200/003	20.75	25.17	21.67	69.84	22.19	24.94
S21901/004	13.05	12.79	11.81	11.9	12.5	12.75

SAL East Kilbride

Ni Raw Data

Ni231.60 Repeat Comparison Wet vs Dry

SAL Ref.	Dry Results							Wet Results (with corrected to dry weight below)							% Soilds	Corrected To dry wt.	Delta Dry/Wet % T Test Result
	1	2	3	4	5	6	Mean	1	2	3	4	5	6	Mean			
S22473/004 Topsoil	45.06	42.36	42.53	45.69	45.08	43.03	43.96	37.55	34.61	39.41	35.48	37.13	36.05	36.71	82.5	44.49	-1.2 Diff not significant
S22200/003 Sand/Gravel	29.83	26.25	24.63	25.04	24.79	25.58	26.02	23.01	25.18	21.88	28.93	22.43	24.27	24.28	89.2	27.22	-4.6 Diff not significant
S21901/004 Clay	19.01	17.67	19.14	18.15	19.34	18.13	18.57	16.1	16.19	15.19	16.76	15.61	16.75	16.1	87.5	18.4	0.9 Diff not significant

Wet Weights Corrected to Dry Weight						
S22473/004	45.52	41.95	47.77	43.01	45.01	43.7
S22200/003	25.8	28.23	24.53	32.43	25.15	27.21
S21901/004	18.4	18.5	17.36	19.15	17.84	19.14

SAL East Kilbride

Pb Raw Data

Pb220.35 Repeat Comparison Wet vs Dry

SAL Ref.	Dry Results							Wet Results (with corrected to dry weight below)							% Solids	Corrected To dry wt.	Delta Dry/Wet % T Test Result
	1	2	3	4	5	6	Mean	1	2	3	4	5	6	Mean			
S22473/004 Topsoil	164.3	274.7	145.1	152.8	150.5	142.9	171.72	124.2	123.5	120	115	161.6	116.4	126.78	82.5	153.68	10.5 Diff not significant
S22200/003 Sand/Gravel	249.8	179.6	319.3	267.6	247	245.2	251.42	367.9	179.1	84.6	150.9	504	185.7	245.37	89.2	275.07	-9.4 Diff not significant
S21901/004 Clay	32.76	30.58	32.88	31.46	33.44	30.63	31.96	13.47	13.01	13.07	11.67	18.36	18.79	14.73	87.5	16.83	47.3 Real difference

Wet Weights Corrected to Dry Weight						
S22473/004	150.55	149.7	145.45	139.39	195.88	141.09
S22200/003	412.44	200.78	94.84	169.17	565.02	208.18
S21901/004	15.39	14.87	14.94	13.34	20.98	21.47

SAL East Kilbride

Zn Raw Data

Zn213.85 Repeat Comparison Wet vs Dry

SAL Ref.	Dry Results							Wet Results (with corrected to dry weight below)							% Solids	Corrected To dry wt.	Delta Dry/Wet % T Test Result
	1	2	3	4	5	6	Mean	1	2	3	4	5	6	Mean			
S22473/004 Topsoil	212.8	211.2	206.4	220.4	212	209.9	212.12	187.5	179.2	169.8	175.9	182.8	176.1	178.55	82.5	216.42	-2.0 Diff not significant
S22200/003 Sand/Gravel	167.3	152.9	227.3	156.5	179.5	209.2	182.12	134.8	123.3	145.2	238.6	155.9	124.7	153.75	89.2	172.37	5.4 Diff not significant
S21901/004 Clay	40.91	38.6	39.33	40.07	41.73	39.96	40.10	31.02	30.47	30.7	30.84	32.79	34.03	31.64	87.5	36.16	9.8 Real difference

Wet Weights Corrected to Dry Weight						
S22473/004	227.27	217.21	205.82	213.21	221.58	213.45
S22200/003	151.12	138.23	162.78	267.49	174.78	139.8
S21901/004	35.45	34.82	35.09	35.25	37.47	38.89