Correlation results (Pearsons and bootstrap validation)

Data set: all coring data

Bootstrap: 1000 resamples, bias corrected and accelerated.

Significant results are highlighted, for Pearson's over p= over 0.5, for bootstrap where both upper and lower range results are positive.

				Sn	Ag	Sr	Rb	Pb	Zn	Cu
Sn	Pearson Correlation			1	.078	-.028	-.091	.269**	.086	.288**
	Sig. (2-tailed)				.134	.593	.078	.000	.096	.000
	Sum of Squares and Cross-products			1340565.991	3561.177	-21482.754	-36750.535	2548318.103	35969.947	2533293.070
	Covariance			3594.011	9.547	-57.595	-98.527	6831.952	96.434	6791.670
	N			374	374	374	374	374	374	374
	Bootstrap[d]	Bias		0	.065[e]	.006	-.048	.163	.046	.161
		Std. Error		0	.114[e]	.034	.084	.258	.113	.270
		BCa 95% Confidence Interval	Lower		.013[e]	-.067	-.278	.087	-.020	.095
			Upper		.635[e]	.071	-.047	.933	.431	.941
Ag	Pearson Correlation			.078	1	-.005	-.006	.094	.157**	.111*
	Sig. (2-tailed)			.134		.928	.909	.068	.002	.031
	Sum of Squares and Cross-products			3561.177	1573.486	-125.205	-81.736	30604.908	2250.427	33567.815
				9.547	4.218	-.336	-.219	82.051	6.033	89.994
	N			374	374	374	374	374	374	374
	Bootstrap[d]	Bias		.065[e]	0[e]	.004[e]	-.014[e]	.065[e]	.000[e]	.063[e]
		Std. Error		.114[e]	0[e]	.043[e]	.044[e]	.135[e]	.044[e]	.128[e]
		BCa 95% Confidence Interval	Lower	.013[e]	.[e]	-.063[e]	-.116[e]	.003[e]	.076[e]	.003[e]
			Upper	.635[e]	.[e]	.096[e]	.036[e]	.764[e]	.239[e]	.821[e]

				Sn	Ag	Sr	Rb	Pb	Zn	Cu
Sr	Pearson Correlation			-.028	-.005	1	.232**	-.055	-.126*	-.059
	Sig. (2-tailed)			.593	.928		.000	.289	.015	.252
	Sum of Squares and Cross-products			-21482.754	-125.205	447809.797	54082.084	-301054.756	-30402.378	-301536.873
	Covariance			-57.595	-.336	1200.562	144.992	-807.117	-81.508	-808.410
	N			374	374	374	374	374	374	374
	Bootstrap[d]	Bias		.006	.004[e]	0	.002	.004	-.007	.004
		Std. Error		.034	.043[e]	0	.050	.030	.057	.028
		BCa 95% Confidence Interval	Lower	-.067	-.063[e]		.129	-.096	-.228	-.099
			Upper	.071	.096[e]		.335	.056	-.031	.026
Rb	Pearson Correlation			-.091	-.006	.232**	1	-.216**	.011	-.232**
	Sig. (2-tailed)			.078	.909	.000		.000	.837	.000
	Sum of Squares and Cross-products			-36750.535	-81.736	54082.084	121257.823	-616024.336	1344.322	-614697.489
	Covariance			-98.527	-.219	144.992	325.088	-1651.540	3.604	-1647.983
	N			374	374	374	374	374	374	374
	Bootstrap[d]	Bias		-.048	-.014[e]	.002	0	-.006	.002	-.004
		Std. Error		.084	.044[e]	.050	0	.037	.068	.037
		BCa 95% Confidence Interval	Lower	-.278	-.116[e]	.129		-.287	-.124	-.306
			Upper	-.047	.036[e]	.335		-.163	.152	-.174
Pb	Pearson Correlation			.269**	.094	-.055	-.216**	1	.313**	.988**
	Sig. (2-tailed)			.000	.068	.289	.000		.000	.000
	Sum of Squares and Cross-products			2548318.103	30604.908	-301054.756	-616024.336	66893333.772	924751.925	61380093.282
	Covariance			6831.952	82.051	-807.117	-1651.540	179338.696	2479.228	164557.891
	N			374	374	374	374	374	374	374
	Bootstrap[d]	Bias		.163	.065[e]	.004	-.006	0	-.008	-.006
		Std. Error		.258	.135[e]	.030	.037	0	.093	.025
		BCa 95% Confidence Interval	Lower	.087	.003[e]	-.096	-.287		.132	.885
			Upper	.933	.764[e]	.056	-.163		.475	.996

				Sn	Ag	Sr	Rb	Pb	Zn	Cu
Zn	Pearson Correlation			.086	.157**	-.126*	.011	.313**	1	.345**
	Sig. (2-tailed)			.096	.002	.015	.837	.000		.000
	Sum of Squares and Cross-products			35969.947	2250.427	-30402.378	1344.322	924751.925	130180.410	945744.682
	Covariance			96.434	6.033	-81.508	3.604	2479.228	349.009	2535.509
	N			374	374	374	374	374	374	374
	Bootstrap[d]	Bias		.046	.000[e]	-.007	.002	-.008	0	-.006
		Std. Error		.113	.044[e]	.057	.068	.093	0	.082
		BCa 95% Confidence Interval	Lower	-.020	.076[e]	-.228	-.124	.132		.203
			Upper	.431	.239[e]	-.031	.152	.475		.492
Cu	Pearson Correlation			.288**	.111*	-.059	-.232**	.988**	.345**	1
	Sig. (2-tailed)			.000	.031	.252	.000	.000	.000	
	Sum of Squares and Cross-products			2533293.070	33567.815	-301536.873	-614697.489	61380093.282	945744.682	57660759.288
	Covariance			6791.670	89.994	-808.410	-1647.983	164557.891	2535.509	154586.486
	N			374	374	374	374	374	374	374
	Bootstrap[d]	Bias		.161	.063[e]	.004	-.004	-.006	-.006	0
		Std. Error		.270	.128[e]	.028	.037	.025	.082	0
		BCa 95% Confidence Interval	Lower	.095	.003[e]	-.099	-.306	.885	.203	
			Upper	.941	.821[e]	.026	-.174	.996	.492	
Fe	Pearson Correlation			.007	.108*	-.141**	.129*	.146**	.299**	.141**
	Sig. (2-tailed)			.900	.037	.006	.013	.005	.000	.006
	Sum of Squares and Cross-products			1563052.908	885206.005	-19564739.334	9291252.089	247174619.167	22332762.670	222378048.507
	Covariance			4190.490	2373.206	-52452.384	24909.523	662666.539	59873.358	596187.798
	N			374	374	374	374	374	374	374
	Bootstrap[d]	Bias		.004	.002[e]	-.004	.007	-.010	.005	-.008
		Std. Error		.039	.080[e]	.056	.075	.079	.049	.076
		BCa 95% Confidence Interval	Lower	-.060	-.031[e]	-.251	-.027	.001	.192	.008
			Upper	.102	.285[e]	-.046	.288	.280	.420	.274

				Sn	Ag	Sr	Rb	Pb	Zn	Cu
Mn	Pearson Correlation			-.019	-.048	.093	.125*	-.069	.169**	-.062
	Sig. (2-tailed)			.711	.352	.073	.015	.185	.001	.230
	Sum of Squares and Cross-products			-96582.517	-8290.921	269549.745	188737.869	-2434293.878	264617.312	-2047709.312
	Covariance			-258.934	-22.228	722.653	506.000	-6526.257	709.430	-5489.837
	N			374	374	374	374	374	374	374
	Bootstrap[d]	Bias		-.028	-.004[e]	.000	.011	.000	.004	.002
		Std. Error		.056	.016[e]	.045	.069	.037	.045	.043
		BCa 95% Confidence Interval	Lower	-.153	-.073[e]	-.004	.002	-.131	.089	-.135
			Upper	.020	-.031[e]	.177	.301	.002	.275	.031
Cr	Pearson Correlation			.001	.113*	-.097	.399**	-.001	.302**	-.005
	Sig. (2-tailed)			.980	.029	.061	.000	.982	.000	.921
	Sum of Squares and Cross-products			486.509	1422.719	-20629.795	44140.744	-3119.058	34620.464	-12469.462
	Covariance			1.304	3.814	-55.308	118.340	-8.362	92.816	-33.430
	N			374	374	374	374	374	374	374
	Bootstrap[d]	Bias		-.006	-.009[e]	-.003	.001	-.001	.005	-.001
		Std. Error		.041	.059[e]	.059	.057	.031	.061	.029
		BCa 95% Confidence Interval	Lower	-.093	-.021[e]	-.210	.279	-.060	.180	-.068
			Upper	.063	.201[e]	.008	.512	.061	.439	.049
V	Pearson Correlation			.018	.084	-.231**	.390**	.012	.316**	.005
	Sig. (2-tailed)			.722	.104	.000	.000	.820	.000	.919
	Sum of Squares and Cross-products			10614.707	1658.831	-76691.950	67342.559	47826.664	56460.464	19924.793
	Covariance			28.458	4.447	-205.608	180.543	128.222	151.369	53.418
	N			374	374	374	374	374	374	374
	Bootstrap[d]	Bias		-.018	-.010[e]	-.001	.000	-.006	.004	-.005
		Std. Error		.046	.059[e]	.054	.051	.032	.059	.031
		BCa 95% Confidence Interval	Lower	-.087	-.050[e]	-.341	.283	-.050	.199	-.056
			Upper	.054	.170[e]	-.122	.492	.051	.443	.044

				Sn	Ag	Sr	Rb	Pb	Zn	Cu
Ti	Pearson Correlation			-.111*	-.028	.129*	.624**	-.275**	-.021	-.298**
	Sig. (2-tailed)			.032	.594	.013	.000	.000	.689	.000
	Sum of Squares and Cross-products			-1710220.844	-14628.801	1150886.318	2901923.560	-30007980.794	-99868.856	-30204653.751
	Covariance			-4585.042	-39.219	3085.486	7779.956	-80450.351	-267.745	-80977.624
	N			374	374	374	374	374	374	374
	Bootstrap[d]	Bias		-.053	-.019[e]	.004	.000	-.007	.004	-.006
		Std. Error		.093	.051[e]	.052	.044	.051	.067	.050
		BCa 95% Confidence Interval	Lower	-.325	-.141[e]	.018	.528	-.367	-.159	-.388
			Upper	-.059	.010[e]	.242	.713	-.190	.131	-.215
Ca	Pearson Correlation			.041	.052	.484**	.120*	.025	.055	.020
	Sig. (2-tailed)			.431	.318	.000	.021	.634	.292	.695
	Sum of Squares and Cross-products			2634253.097	114406.571	18022551.552	2322681.603	11250643.385	1097831.086	8617318.651
	Covariance			7062.341	306.720	48317.833	6227.028	30162.583	2943.247	23102.731
	N			374	374	374	374	374	374	374
	Bootstrap[d]	Bias		.015	.001[e]	.040	.015	.007	.011	.005
		Std. Error		.040	.039[e]	.094	.060	.026	.091	.022
		BCa 95% Confidence Interval	Lower	-.007	-.021[e]	.364	.023	-.016	-.095	-.014
			Upper	.224	.130[e]	.730	.289	.154	.272	.092
K	Pearson Correlation			-.107*	-.024	.131*	.722**	-.263**	-.108*	-.286**
	Sig. (2-tailed)			.039	.641	.011	.000	.000	.037	.000
	Sum of Squares and Cross-products			-8844548.212	-68540.688	6248021.258	17947501.639	-153252334.572	-2776412.178	-155041187.085
	Covariance			-23711.926	-183.755	16750.727	48116.626	-410864.168	-7443.464	-415660.019
	N			374	374	374	374	374	374	374
	Bootstrap[d]	Bias		-.056	-.015[e]	.002	.001	-.009	.001	-.008
		Std. Error		.098	.048[e]	.049	.032	.045	.059	.043
		BCa 95% Confidence Interval	Lower	-.328	-.143[e]	.024	.651	-.341	-.227	-.363
			Upper	-.054	.017[e]	.230	.787	-.201	.019	-.225

	Sn	Ag	Sr	Rb	Pb	Zn	Cu

AI	Pearson Correlation			-.057	.041	.154**	.631**	-.187**	-.044	-.208**
	Sig. (2-tailed)			.270	.429	.003	.000	.000	.396	.000
	Sum of Squares and Cross-products			-13226935.254	325101.170	20632993.471	43942164.751	-305938518.568	-3176270.460	-315878416.298
	Covariance			-35460.952	871.585	55316.336	117807.412	-820210.506	-8515.470	-846859.025
	N			374	374	374	374	374	374	374
	Bootstrap[d]	Bias		-.046	-.018[e]	.002	.001	-.008	.001	-.008
		Std. Error		.086	.059[e]	.046	.040	.033	.052	.032
		BCa 95% Confidence Interval	Lower	-.247	-.104[e]	.062	.539	-.246	-.142	-.270
			Upper	-.002	.093[e]	.252	.706	-.145	.059	-.168
P	Pearson Correlation			.077	.031	.117*	-.291**	.307**	.217**	.318**
	Sig. (2-tailed)			.137	.551	.023	.000	.000	.000	.000
	Sum of Squares and Cross-products			2531742.734	34765.517	2226142.490	-2873162.575	71347382.056	2223861.086	68436807.876
	Covariance			6787.514	93.205	5968.210	-7702.849	191279.845	5962.094	183476.697
	N			374	374	374	374	374	374	374
	Bootstrap[d]	Bias		.059	.010[e]	-.003	-.007	-.010	-.003	-.007
		Std. Error		.115	.037[e]	.059	.063	.101	.092	.098
		BCa 95% Confidence Interval	Lower	-.015	-.015[e]	.006	-.411	.126	.027	.141
			Upper	.410	.169[e]	.223	-.193	.485	.387	.500
Si	Pearson Correlation			-.082	-.033	.328**	.438**	-.279**	-.327**	-.298**
	Sig. (2-tailed)			.115	.527	.000	.000	.000	.000	.000
	Sum of Squares and Cross-products			-69087810.716	-950068.526	############	111280181.004	-1664106780.743	-86075676.366	-1651061965.364
	Covariance			-185222.013	-2547.101	429783.409	298338.287	-4461412.281	-230765.888	-4426439.585
	N			374	374	374	374	374	374	374
	Bootstrap[d]	Bias		-.052	-.014[e]	.005	.002	-.001	.000	.000
		Std. Error		.101	.056[e]	.048	.050	.054	.047	.053
		BCa 95% Confidence Interval	Lower	-.310	-.167[e]	.231	.324	-.392	-.415	-.413
			Upper	-.018	.025[e]	.441	.544	-.176	-.238	-.198

				Sn	Ag	Sr	Rb	Pb	Zn	Cu
S	Pearson Correlation			.234**	.118*	-.106*	-.337**	.733**	.306**	.727**
	Sig. (2-tailed)			.000	.022	.040	.000	.000	.000	.000
	Sum of Squares and Cross-products			1360669.163	23577.502	-358246.793	-590909.575	30163595.548	554863.769	27777516.786
	Covariance			3647.907	63.210	-960.447	-1584.208	80867.548	1487.570	74470.554
	N			374	374	374	374	374	374	374
	Bootstrap[d]	Bias		.102	.018[e]	-.009	-.004	-.051	-.013	-.061
		Std. Error		.203	.074[e]	.058	.039	.154	.094	.176
		BCa 95% Confidence Interval	Lower	.051	-.017[e]	-.202	-.403	.255	.115	.146
			Upper	.748	.377[e]	-.019	-.274	.845	.447	.845

				Fe	Mn	Cr	V	Ti	Ca
Sn	Pearson Correlation			.007	-.019	.001	.018	-.111*	.041
	Sig. (2-tailed)			.900	.711	.980	.722	.032	.431
	Sum of Squares and Cross-products			1563052.908	-96582.517	486.509	10614.707	-1710220.844	2634253.097
	Covariance			4190.490	-258.934	1.304	28.458	-4585.042	7062.341
	N			374	374	374	374	374	374
	Bootstrap[d]	Bias		.004	-.028	-.006	-.018	-.053	.015
		Std. Error		.039	.056	.041	.046	.093	.040
		BCa 95% Confidence Interval	Lower	-.060	-.153	-.093	-.087	-.325	-.007
			Upper	.102	.020	.063	.054	-.059	.224
Ag	Pearson Correlation			.108*	-.048	.113*	.084	-.028	.052
	Sig. (2-tailed)			.037	.352	.029	.104	.594	.318
	Sum of Squares and Cross-products			885206.005	-8290.921	1422.719	1658.831	-14628.801	114406.571
	Covariance			2373.206	-22.228	3.814	4.447	-39.219	306.720
	N			374	374	374	374	374	374
	Bootstrap[d]	Bias		.002[e]	-.004[e]	-.009[e]	-.010[e]	-.019[e]	.001[e]
		Std. Error		.080[e]	.016[e]	.059[e]	.059[e]	.051[e]	.039[e]
		BCa 95% Confidence Interval	Lower	-.031[e]	-.073[e]	-.021[e]	-.050[e]	-.141[e]	-.021[e]
			Upper	.285[e]	-.031[e]	.201[e]	.170[e]	.010[e]	.130[e]
Sr	Pearson Correlation			-.141**	.093	-.097	-.231**	.129*	.484**
	Sig. (2-tailed)			.006	.073	.061	.000	.013	.000
	Sum of Squares and Cross-products			-19564739.334	269549.745	-20629.795	-76691.950	1150886.318	18022551.552
	Covariance			-52452.384	722.653	-55.308	-205.608	3085.486	48317.833
	N			374	374	374	374	374	374
	Bootstrap[d]	Bias		-.004	.000	-.003	-.001	.004	.040
		Std. Error		.056	.045	.059	.054	.052	.094
		BCa 95% Confidence Interval	Lower	-.251	-.004	-.210	-.341	.018	.364
			Upper	-.046	.177	.008	-.122	.242	.730

				Fe	Mn	Cr	V	Ti	Ca
Rb	Pearson Correlation			.129*	.125*	.399**	.390**	.624**	.120*
	Sig. (2-tailed)			.013	.015	.000	.000	.000	.021
	Sum of Squares and Cross-products			9291252.089	188737.869	44140.744	67342.559	2901923.560	2322681.603
	Covariance			24909.523	506.000	118.340	180.543	7779.956	6227.028
	N			374	374	374	374	374	374
	Bootstrap[d]	Bias		.007	.011	.001	.000	.000	.015
		Std. Error		.075	.069	.057	.051	.044	.060
		BCa 95% Confidence Interval	Lower	-.027	.002	.279	.283	.528	.023
			Upper	.288	.301	.512	.492	.713	.289
Pb	Pearson Correlation			.146**	-.069	-.001	.012	-.275**	.025
	Sig. (2-tailed)			.005	.185	.982	.820	.000	.634
	Sum of Squares and Cross-products			247174619.167	-2434293.878	-3119.058	47826.664	-30007980.794	11250643.385
	Covariance			662666.539	-6526.257	-8.362	128.222	-80450.351	30162.583
	N			374	374	374	374	374	374
	Bootstrap[d]	Bias		-.010	.000	-.001	-.006	-.007	.007
		Std. Error		.079	.037	.031	.032	.051	.026
		BCa 95% Confidence Interval	Lower	.001	-.131	-.060	-.050	-.367	-.016
			Upper	.280	.002	.061	.051	-.190	.154
Zn	Pearson Correlation			.299**	.169**	.302**	.316**	-.021	.055
	Sig. (2-tailed)			.000	.001	.000	.000	.689	.292
	Sum of Squares and Cross-products			22332762.670	264617.312	34620.464	56460.464	-99868.856	1097831.086
	Covariance			59873.358	709.430	92.816	151.369	-267.745	2943.247
	N			374	374	374	374	374	374
	Bootstrap[d]	Bias		.005	.004	.005	.004	.004	.011
		Std. Error		.049	.045	.061	.059	.067	.091
		BCa 95% Confidence Interval	Lower	.192	.089	.180	.199	-.159	-.095
			Upper	.420	.275	.439	.443	.131	.272

				Fe	Mn	Cr	V	Ti	Ca
Cu	Pearson Correlation			.141**	-.062	-.005	.005	-.298**	.020
	Sig. (2-tailed)			.006	.230	.921	.919	.000	.695
	Sum of Squares and Cross-products			222378048.507	-2047709.312	-12469.462	19924.793	-30204653.751	8617318.651
	Covariance			596187.798	-5489.837	-33.430	53.418	-80977.624	23102.731
	N			374	374	374	374	374	374
	Bootstrap[d]	Bias		-.008	.002	-.001	-.005	-.006	.005
		Std. Error		.076	.043	.029	.031	.050	.022
		BCa 95% Confidence Interval	Lower	.008	-.135	-.068	-.056	-.388	-.014
			Upper	.274	.031	.049	.044	-.215	.092
Fe	Pearson Correlation			1	.616**	.662**	.754**	.153**	-.006
	Sig. (2-tailed)				.000	.000	.000	.003	.904
	Sum of Squares and Cross-products			42996732663.230	552976295.910	43568364.106	77533928.238	422602938.205	-72611746.335
	Covariance			115272741.724	1482510.177	116805.266	207865.759	1132983.749	-194669.561
	N			374	374	374	374	374	374
	Bootstrap[d]	Bias		0	-.007	.008	.006	.010	.009
		Std. Error		0	.083	.042	.043	.086	.064
		BCa 95% Confidence Interval	Lower		.429	.572	.642	-.023	-.124
			Upper		.750	.765	.842	.347	.149
Mn	Pearson Correlation			.616**	1	.296**	.420**	.055	.158**
	Sig. (2-tailed)			.000		.000	.000	.286	.002
	Sum of Squares and Cross-products			552976295.910	18768836.673	407553.716	903141.467	3200204.160	38122281.077
	Covariance			1482510.177	50318.597	1092.637	2421.291	8579.636	102204.507
	N			374	374	374	374	374	374
	Bootstrap[d]	Bias		-.007	0	.006	.000	.014	.024
		Std. Error		.083	0	.056	.058	.088	.090
		BCa 95% Confidence Interval	Lower	.429		.171	.287	-.106	.001
			Upper	.750		.429	.531	.290	.358

				Fe	Mn	Cr	V	Ti	Ca
Cr	Pearson Correlation			.662**	.296**	1	.851**	.567**	.027
	Sig. (2-tailed)			.000	.000		.000	.000	.604
	Sum of Squares and Cross-products			43568364.106	407553.716	100836.326	134011.520	2401018.637	476265.186
	Covariance			116805.266	1092.637	270.339	359.280	6437.047	1276.850
	N			374	374	374	374	374	374
	Bootstrap[d]	Bias		.008	.006	0	.002	.003	.009
		Std. Error		.042	.056	0	.021	.041	.050
		BCa 95% Confidence Interval	Lower	.572	.171		.803	.481	-.057
			Upper	.765	.429		.897	.653	.165
V	Pearson Correlation			.754**	.420**	.851**	1	.580**	-.045
	Sig. (2-tailed)			.000	.000	.000		.000	.384
	Sum of Squares and Cross-products			77533928.238	903141.467	134011.520	245975.523	3841890.533	-1248362.838
	Covariance			207865.759	2421.291	359.280	659.452	10299.975	-3346.817
	N			374	374	374	374	374	374
	Bootstrap[d]	Bias		.006	.000	.002	0	.001	.008
		Std. Error		.043	.058	.021	0	.049	.059
		BCa 95% Confidence Interval	Lower	.642	.287	.803		.472	-.141
			Upper	.842	.531	.897		.676	.095
Ti	Pearson Correlation			.153**	.055	.567**	.580**	1	.094
	Sig. (2-tailed)			.003	.286	.000	.000		.068
	Sum of Squares and Cross-products			422602938.205	3200204.160	2401018.637	3841890.533	178090419.147	70197335.574
	Covariance			1132983.749	8579.636	6437.047	10299.975	477454.207	188196.610
	N			374	374	374	374	374	374
	Bootstrap[d]	Bias		.010	.014	.003	.001	0	.024
		Std. Error		.086	.088	.041	.049	0	.089
		BCa 95% Confidence Interval	Lower	-.023	-.106	.481	.472		-.048
			Upper	.347	.290	.653	.676		.326

				Fe	Mn	Cr	V	Ti	Ca
Ca	Pearson Correlation			-.006	.158**	.027	-.045	.094	1
	Sig. (2-tailed)			.904	.002	.604	.384	.068	
	Sum of Squares and Cross-products			-72611746.335	38122281.077	476265.186	-1248362.838	70197335.574	3102464909.296
	Covariance			-194669.561	102204.507	1276.850	-3346.817	188196.610	8317600.293
	N			374	374	374	374	374	374
	Bootstrap[d]	Bias		.009	.024	.009	.008	.024	0
		Std. Error		.064	.090	.050	.059	.089	0
		BCa 95% Confidence Interval	Lower	-.124	.001	-.057	-.141	-.048	
			Upper	.149	.358	.165	.095	.326	
K	Pearson Correlation			.153**	.052	.481**	.506**	.840**	.103*
	Sig. (2-tailed)			.003	.315	.000	.000	.000	.046
	Sum of Squares and Cross-products			2261536139.145	16096571.135	10907086.265	17904183.121	800334460.608	410414556.762
	Covariance			6063099.569	43154.346	29241.518	48000.491	2145668.795	1100307.123
	N			374	374	374	374	374	374
	Bootstrap[d]	Bias		.008	.011	.001	-.001	-.003	.019
		Std. Error		.084	.082	.077	.064	.066	.078
		BCa 95% Confidence Interval	Lower	-.021	-.088	.320	.373	.678	-.017
			Upper	.349	.260	.628	.617	.928	.310
Al	Pearson Correlation			.170**	.068	.478**	.510**	.797**	.137**
	Sig. (2-tailed)			.001	.190	.000	.000	.000	.008
	Sum of Squares and Cross-products			7032538421.024	58864748.323	30346131.548	50580932.861	2125835725.783	1530936544.632
	Covariance			18853990.405	157814.339	81356.921	135605.718	5699291.490	4104387.519
	N			374	374	374	374	374	374
	Bootstrap[d]	Bias		.005	.007	.002	.000	.000	.020
		Std. Error		.070	.066	.048	.045	.029	.071
		BCa 95% Confidence Interval	Lower	.028	-.062	.385	.410	.734	.026
			Upper	.330	.227	.578	.598	.847	.346

				Fe	Mn	Cr	V	Ti	Ca
P	Pearson Correlation			-.030	.096	-.264**	-.289**	-.520**	.421**
	Sig. (2-tailed)			.569	.063	.000	.000	.000	.000
	Sum of Squares and Cross-products			-173791362.974	11813977.061	-2377259.336	-4069816.089	-196683296.521	665923629.225
	Covariance			-465928.587	31672.861	-6373.349	-10911.035	-527301.063	1785318.041
	N			374	374	374	374	374	374
	Bootstrap[d]	Bias		-.005	-.005	-.006	-.004	-.004	-.036
		Std. Error		.070	.074	.047	.048	.044	.143
		BCa 95% Confidence Interval	Lower	-.175	-.057	-.352	-.385	-.604	.105
			Upper	.100	.223	-.192	-.205	-.448	.599
Si	Pearson Correlation			-.199**	-.090	.070	.066	.615**	.209**
	Sig. (2-tailed)			.000	.083	.177	.201	.000	.000
	Sum of Squares and Cross-products			-30100702969.281	##############	16226896.742	24017387.109	5994528690.343	8520039517.558
	Covariance			-80698935.574	-761127.868	43503.745	64389.778	16071122.494	22841929.001
	N			374	374	374	374	374	374
	Bootstrap[d]	Bias		.004	.006	.002	.001	-.001	.022
		Std. Error		.063	.070	.056	.058	.050	.071
		BCa 95% Confidence Interval	Lower	-.318	-.229	-.038	-.058	.503	.103
			Upper	-.053	.083	.190	.187	.708	.418
S	Pearson Correlation			.119*	-.035	.000	.000	-.362**	-.030
	Sig. (2-tailed)			.021	.502	.996	.996	.000	.563
	Sum of Squares and Cross-products			124661480.825	-759843.819	459.541	694.376	-24311579.335	-8419358.745
	Covariance			334213.085	-2037.115	1.232	1.862	-65178.497	-22572.007
	N			374	374	374	374	374	374
	Bootstrap[d]	Bias		-.007	.000	-.003	-.004	.001	-.002
		Std. Error		.072	.042	.043	.041	.054	.030
		BCa 95% Confidence Interval	Lower	-.002	-.114	-.082	-.076	-.464	-.088
			Upper	.245	.044	.072	.067	-.258	.025

				K	Al	P	Si	S
Sn	Pearson Correlation			-.107*	-.057	.077	-.082	.234**
	Sig. (2-tailed)			.039	.270	.137	.115	.000
	Sum of Squares and Cross-products			-8844548.212	-13226935.254	2531742.734	-69087810.716	1360669.163
	Covariance			-23711.926	-35460.952	6787.514	-185222.013	3647.907
	N			374	374	374	374	374
	Bootstrap[d]	Bias		-.056	-.046	.059	-.052	.102
		Std. Error		.098	.086	.115	.101	.203
		BCa 95% Confidence Interval	Lower	-.328	-.247	-.015	-.310	.051
			Upper	-.054	-.002	.410	-.018	.748
Ag	Pearson Correlation			-.024	.041	.031	-.033	.118*
	Sig. (2-tailed)			.641	.429	.551	.527	.022
	Sum of Squares and Cross-products			-68540.688	325101.170	34765.517	-950068.526	23577.502
	Covariance			-183.755	871.585	93.205	-2547.101	63.210
	N			374	374	374	374	374
	Bootstrap[d]	Bias		-.015[e]	-.018[e]	.010[e]	-.014[e]	.018[e]
		Std. Error		.048[e]	.059[e]	.037[e]	.056[e]	.074[e]
		BCa 95% Confidence Interval	Lower	-.143[e]	-.104[e]	-.015[e]	-.167[e]	-.017[e]
			Upper	.017[e]	.093[e]	.169[e]	.025[e]	.377[e]
Sr	Pearson Correlation			.131*	.154**	.117*	.328**	-.106*
	Sig. (2-tailed)			.011	.003	.023	.000	.040
	Sum of Squares and Cross-products			6248021.258	20632993.471	2226142.490	160309211.463	-358246.793
	Covariance			16750.727	55316.336	5968.210	429783.409	-960.447
	N			374	374	374	374	374
	Bootstrap[d]	Bias		.002	.002	-.003	.005	-.009
		Std. Error		.049	.046	.059	.048	.058
		BCa 95% Confidence Interval	Lower	.024	.062	.006	.231	-.202
			Upper	.230	.252	.223	.441	-.019

				K	Al	P	Si	S
Rb	Pearson Correlation			.722**	.631**	-.291**	.438**	-.337**
	Sig. (2-tailed)			.000	.000	.000	.000	.000
	Sum of Squares and Cross-products			17947501.639	43942164.751	-2873162.575	111280181.004	-590909.575
	Covariance			48116.626	117807.412	-7702.849	298338.287	-1584.208
	N			374	374	374	374	374
	Bootstrap[d]	Bias		.001	.001	-.007	.002	-.004
		Std. Error		.032	.040	.063	.050	.039
		BCa 95% Confidence Interval	Lower	.651	.539	-.411	.324	-.403
			Upper	.787	.706	-.193	.544	-.274
Pb	Pearson Correlation			-.263**	-.187**	.307**	-.279**	.733**
	Sig. (2-tailed)			.000	.000	.000	.000	.000
	Sum of Squares and Cross-products			-153252334.572	-305938518.568	71347382.056	-1664106780.743	30163595.548
	Covariance			-410864.168	-820210.506	191279.845	-4461412.281	80867.548
	N			374	374	374	374	374
	Bootstrap[d]	Bias		-.009	-.008	-.010	-.001	-.051
		Std. Error		.045	.033	.101	.054	.154
		BCa 95% Confidence Interval	Lower	-.341	-.246	.126	-.392	.255
			Upper	-.201	-.145	.485	-.176	.845
Zn	Pearson Correlation			-.108*	-.044	.217**	-.327**	.306**
	Sig. (2-tailed)			.037	.396	.000	.000	.000
	Sum of Squares and Cross-products			-2776412.178	-3176270.460	2223861.086	-86075676.366	554863.769
	Covariance			-7443.464	-8515.470	5962.094	-230765.888	1487.570
	N			374	374	374	374	374
	Bootstrap[d]	Bias		.001	.001	-.003	.000	-.013
		Std. Error		.059	.052	.092	.047	.094
		BCa 95% Confidence Interval	Lower	-.227	-.142	.027	-.415	.115
			Upper	.019	.059	.387	-.238	.447

				K	Al	P	Si	S
Cu	Pearson Correlation			-.286**	-.208**	.318**	-.298**	.727**
	Sig. (2-tailed)			.000	.000	.000	.000	.000
	Sum of Squares and Cross-products			-155041187.085	-315878416.298	68436807.876	-1651061965.364	27777516.786
	Covariance			-415660.019	-846859.025	183476.697	-4426439.585	74470.554
	N			374	374	374	374	374
	Bootstrap[d]	Bias		-.008	-.008	-.007	.000	-.061
		Std. Error		.043	.032	.098	.053	.176
		BCa 95% Confidence Interval	Lower	-.363	-.270	.141	-.413	.146
			Upper	-.225	-.168	.500	-.198	.845
Fe	Pearson Correlation			.153**	.170**	-.030	-.199**	.119*
	Sig. (2-tailed)			.003	.001	.569	.000	.021
	Sum of Squares and Cross-products			2261536139.145	7032538421.024	-173791362.974	-30100702969.281	124661480.825
	Covariance			6063099.569	18853990.405	-465928.587	-80698935.574	334213.085
	N			374	374	374	374	374
	Bootstrap[d]	Bias		.008	.005	-.005	.004	-.007
		Std. Error		.084	.070	.070	.063	.072
		BCa 95% Confidence Interval	Lower	-.021	.028	-.175	-.318	-.002
			Upper	.349	.330	.100	-.053	.245
Mn	Pearson Correlation			.052	.068	.096	-.090	-.035
	Sig. (2-tailed)			.315	.190	.063	.083	.502
	Sum of Squares and Cross-products			16096571.135	58864748.323	11813977.061	-283900694.859	-759843.819
	Covariance			43154.346	157814.339	31672.861	-761127.868	-2037.115
	N			374	374	374	374	374
	Bootstrap[d]	Bias		.011	.007	-.005	.006	.000
		Std. Error		.082	.066	.074	.070	.042
		BCa 95% Confidence Interval	Lower	-.088	-.062	-.057	-.229	-.114
			Upper	.260	.227	.223	.083	.044

				K	Al	P	Si	S
Cr	Pearson Correlation			.481**	.478**	-.264**	.070	.000
	Sig. (2-tailed)			.000	.000	.000	.177	.996
	Sum of Squares and Cross-products			10907086.265	30346131.548	-2377259.336	16226896.742	459.541
	Covariance			29241.518	81356.921	-6373.349	43503.745	1.232
	N			374	374	374	374	374
	Bootstrap[d]	Bias		.001	.002	-.006	.002	-.003
		Std. Error		.077	.048	.047	.056	.043
		BCa 95% Confidence Interval	Lower	.320	.385	-.352	-.038	-.082
			Upper	.628	.578	-.192	.190	.072
V	Pearson Correlation			.506**	.510**	-.289**	.066	.000
	Sig. (2-tailed)			.000	.000	.000	.201	.996
	Sum of Squares and Cross-products			17904183.121	50580932.861	-4069816.089	24017387.109	694.376
	Covariance			48000.491	135605.718	-10911.035	64389.778	1.862
	N			374	374	374	374	374
	Bootstrap[d]	Bias		-.001	.000	-.004	.001	-.004
		Std. Error		.064	.045	.048	.058	.041
		BCa 95% Confidence Interval	Lower	.373	.410	-.385	-.058	-.076
			Upper	.617	.598	-.205	.187	.067
Ti	Pearson Correlation			.840**	.797**	-.520**	.615**	-.362**
	Sig. (2-tailed)			.000	.000	.000	.000	.000
	Sum of Squares and Cross-products			800334460.608	2125835725.783	-196683296.521	5994528690.343	-24311579.335
	Covariance			2145668.795	5699291.490	-527301.063	16071122.494	-65178.497
	N			374	374	374	374	374
	Bootstrap[d]	Bias		-.003	.000	-.004	-.001	.001
		Std. Error		.066	.029	.044	.050	.054
		BCa 95% Confidence Interval	Lower	.678	.734	-.604	.503	-.464
			Upper	.928	.847	-.448	.708	-.258

				K	Al	P	Si	S
Ca	Pearson Correlation			.103*	.137**	.421**	.209**	-.030
	Sig. (2-tailed)			.046	.008	.000	.000	.563
	Sum of Squares and Cross-products			410414556.762	1530936544.632	665923629.225	8520039517.558	-8419358.745
	Covariance			1100307.123	4104387.519	1785318.041	22841929.001	-22572.007
	N			374	374	374	374	374
	Bootstrap[d]	Bias		.019	.020	-.036	.022	-.002
		Std. Error		.078	.071	.143	.071	.030
		BCa 95% Confidence Interval	Lower	-.017	.026	.105	.103	-.088
			Upper	.310	.346	.599	.418	.025
K	Pearson Correlation			1	.858**	-.529**	.689**	-.369**
	Sig. (2-tailed)				.000	.000	.000	.000
	Sum of Squares and Cross-products			5094437855.166	12242854053.121	-1071128312.245	35902100631.767	-132608551.096
	Covariance			13658010.336	32822665.022	-2871657.674	96252280.514	-355518.904
	N			374	374	374	374	374
	Bootstrap[d]	Bias		0	.000	-.005	.000	-.001
		Std. Error		0	.021	.040	.033	.044
		BCa 95% Confidence Interval	Lower		.814	-.607	.611	-.447
			Upper		.896	-.466	.753	-.288
Al	Pearson Correlation			.858**	1	-.434**	.846**	-.296**
	Sig. (2-tailed)			.000		.000	.000	.000
	Sum of Squares and Cross-products			12242854053.121	39980938560.449	-2460568265.385	123607693871.389	-298102345.674
	Covariance			32822665.022	107187502.843	-6596697.762	331387919.226	-799201.999
	N			374	374	374	374	374
	Bootstrap[d]	Bias		.000	0	-.005	.000	-.002
		Std. Error		.021	0	.037	.016	.035
		BCa 95% Confidence Interval	Lower	.814		-.504	.810	-.362
			Upper	.896		-.377	.877	-.237

				K	Al	P	Si	S
P	Pearson Correlation			-.529**	-.434**	1	-.341**	.434**
	Sig. (2-tailed)			.000	.000		.000	.000
	Sum of Squares and Cross-products			-1071128312.245	-2460568265.385	804856726.065	-7070870709.669	61983223.361
	Covariance			-2871657.674	-6596697.762	2157792.831	-18956757.935	166174.862
	N			374	374	374	374	374
	Bootstrap[d]	Bias		-.005	-.005	0	-.003	.001
		Std. Error		.040	.037	0	.057	.079
		BCa 95% Confidence Interval	Lower	-.607	-.504		-.449	.282
			Upper	-.466	-.377		-.238	.588
Si	Pearson Correlation			.689**	.846**	-.341**	1	-.410**
	Sig. (2-tailed)			.000	.000	.000		.000
	Sum of Squares and Cross-products			35902100631.767	123607693871.389	-7070870709.669	533520465323.587	-1508831195.893
	Covariance			96252280.514	331387919.226	-18956757.935	1430349772.985	-4045123.850
	N			374	374	374	374	374
	Bootstrap[d]	Bias		.000	.000	-.003	0	.002
		Std. Error		.033	.016	.057	0	.051
		BCa 95% Confidence Interval	Lower	.611	.810	-.449		-.515
			Upper	.753	.877	-.238		-.299
S	Pearson Correlation			-.369**	-.296**	.434**	-.410**	1
	Sig. (2-tailed)			.000	.000	.000	.000	
	Sum of Squares and Cross-products			-132608551.096	-298102345.674	61983223.361	-1508831195.893	25328959.949
	Covariance			-355518.904	-799201.999	166174.862	-4045123.850	67906.059
	N			374	374	374	374	374
	Bootstrap[d]	Bias		-.001	-.002	.001	.002	0
		Std. Error		.044	.035	.079	.051	0
		BCa 95% Confidence Interval	Lower	-.447	-.362	.282	-.515	
			Upper	-.288	-.237	.588	-.299	

Correlation for **topsoil only** data set

				Sn	Sr	Rb	Pb	Zn	Cu	Fe	Mn
Sn	Pearson Correlation			1	.166	-.257	.323*	.122	.425**	.304*	.117
	Sig. (2-tailed)				.230	.060	.017	.380	.001	.025	.398
	Sum of Squares and Cross-products			12357.345	4544.187	-2360.622	10137.925	852.586	17209.640	820151.204	5756.715
	Covariance			233.157	85.739	-44.540	191.282	16.087	324.710	15474.551	108.617
	N			54	54	54	54	54	54	54	54
	Bootstrap[d]	Bias		0	-.005	-.016	.022	-.001	.015	-.068	-.019
		Std. Error		0	.169	.083	.104	.092	.108	.293	.156
		BCa 95% Confidence Interval	Lower		-.121	-.399	.126	-.064	.159	-.308	-.204
			Upper		.475	-.159	.631	.305	.649	.685	.353
Sr	Pearson Correlation			.166	1	.612**	-.068	-.087	-.111	.179	.363**
	Sig. (2-tailed)			.230		.000	.625	.532	.423	.194	.007
	Sum of Squares and Cross-products			4544.187	60463.918	12407.940	-4733.782	-1344.442	-9957.052	1071135.979	39375.467
	Covariance			85.739	1140.829	234.112	-89.317	-25.367	-187.869	20210.113	742.933
	N			54	54	54	54	54	54	54	54
	Bootstrap[d]	Bias		-.005	0	-.018	.007	.008	.013	-.010	-.008
		Std. Error		.169	0	.144	.129	.163	.161	.192	.137
		BCa 95% Confidence Interval	Lower	-.121		.217	-.311	-.383	-.407	-.195	.064
			Upper	.475		.831	.199	.262	.234	.527	.611

				Sn	Sr	Rb	Pb	Zn	Cu	Fe	Mn
Rb	Pearson Correlation			-.257	.612**	1	-.232	.017	-.294*	.126	.302*
	Sig. (2-tailed)			.060	.000		.092	.903	.031	.362	.026
	Sum of Squares and Cross-products			-2360.622	12407.940	6807.178	-5399.370	87.984	-8826.790	253108.598	11001.999
	Covariance			-44.540	234.112	128.437	-101.875	1.660	-166.543	4775.634	207.585
	N			54	54	54	54	54	54	54	54
	Bootstrap[d]	Bias		-.016	-.018	0	-.024	.011	-.036	.044	.003
		Std. Error		.083	.144	0	.096	.135	.092	.140	.122
		BCa 95% Confidence Interval	Lower	-.399	.217		-.423	-.190	-.466	-.056	-.021
			Upper	-.159	.831		-.125	.325	-.218	.543	.557
Pb	Pearson Correlation			.323*	-.068	-.232	1	.334*	.911**	.012	-.459**
	Sig. (2-tailed)			.017	.625	.092		.014	.000	.929	.000
	Sum of Squares and Cross-products			10137.925	-4733.782	-5399.370	79877.745	5939.700	93738.247	84870.344	-57250.177
	Covariance			191.282	-89.317	-101.875	1507.127	112.070	1768.646	1601.327	-1080.192
	N			54	54	54	54	54	54	54	54
	Bootstrap[d]	Bias		.022	.007	-.024	0	-.019	-.001	-.014	.005
		Std. Error		.104	.129	.096	0	.139	.033	.134	.131
		BCa 95% Confidence Interval	Lower	.126	-.311	-.423		.087	.830	-.249	-.677
			Upper	.631	.199	-.125		.543	.964	.214	-.185
Zn	Pearson Correlation			.122	-.087	.017	.334*	1	.381**	.458**	.171
	Sig. (2-tailed)			.380	.532	.903	.014		.004	.000	.215
	Sum of Squares and Cross-products			852.586	-1344.442	87.984	5939.700	3958.127	8724.871	699429.822	4760.975
	Covariance			16.087	-25.367	1.660	112.070	74.682	164.620	13196.789	89.830
	N			54	54	54	54	54	54	54	54
	Bootstrap[d]	Bias		-.001	.008	.011	-.019	0	-.021	.016	.020
		Std. Error		.092	.163	.135	.139	0	.142	.086	.162
		BCa 95% Confidence Interval	Lower	-.064	-.383	-.190	.087		.101	.284	-.180
			Upper	.305	.262	.325	.543		.590	.679	.518

				Sn	Sr	Rb	Pb	Zn	Cu	Fe	Mn
Cu	Pearson Correlation			.425**	-.111	-.294*	.911**	.381**	1	.119	-.438**
	Sig. (2-tailed)			.001	.423	.031	.000	.004		.392	.001
	Sum of Squares and Cross-products			17209.640	-9957.052	-8826.790	93738.247	8724.871	132432.660	1049446.255	-70421.641
	Covariance			324.710	-187.869	-166.543	1768.646	164.620	2498.729	19800.873	-1328.710
	N			54	54	54	54	54	54	54	54
	Bootstrap[d]	Bias		.015	.013	-.036	-.001	-.021	0	-.033	.013
		Std. Error		.108	.161	.092	.033	.142	0	.183	.153
		BCa 95% Confidence Interval	Lower	.159	-.407	-.466	.830	.101		-.279	-.694
			Upper	.649	.234	-.218	.964	.590		.356	-.084
Fe	Pearson Correlation			.304*	.179	.126	.012	.458**	.119	1	.414**
	Sig. (2-tailed)			.025	.194	.362	.929	.000	.392		.002
	Sum of Squares and Cross-products			820151.204	1071135.979	253108.598	84870.344	699429.822	1049446.255	589072232.015	4431143.270
	Covariance			15474.551	20210.113	4775.634	1601.327	13196.789	19800.873	11114570.415	83606.477
	N			54	54	54	54	54	54	54	54
	Bootstrap[d]	Bias		-.068	-.010	.044	-.014	.016	-.033	0	.007
		Std. Error		.293	.192	.140	.134	.086	.183	0	.124
		BCa 95% Confidence Interval	Lower	-.308	-.195	-.056	-.249	.284	-.279		.117
			Upper	.685	.527	.543	.214	.679	.356		.661
Mn	Pearson Correlation			.117	.363**	.302*	-.459**	.171	-.438**	.414**	1
	Sig. (2-tailed)			.398	.007	.026	.000	.215	.001	.002	
	Sum of Squares and Cross-products			5756.715	39375.467	11001.999	-57250.177	4760.975	-70421.641	4431143.270	194875.450
	Covariance			108.617	742.933	207.585	-1080.192	89.830	-1328.710	83606.477	3676.895
	N			54	54	54	54	54	54	54	54
	Bootstrap[d]	Bias		-.019	-.008	.003	.005	.020	.013	.007	0
		Std. Error		.156	.137	.122	.131	.162	.153	.124	0
		BCa 95% Confidence Interval	Lower	-.204	.064	-.021	-.677	-.180	-.694	.117	
			Upper	.353	.611	.557	-.185	.518	-.084	.661	

				Sn	Sr	Rb	Pb	Zn	Cu	Fe	Mn
Cr	Pearson Correlation			.377**	.286*	.117	-.024	.280*	.197	.780**	.253
	Sig. (2-tailed)			.005	.036	.399	.862	.041	.154	.000	.065
	Sum of Squares and Cross-products			4921.855	8255.857	1133.573	-803.177	2064.307	8399.794	2220397.080	13093.495
	Covariance			92.865	155.771	21.388	-15.154	38.949	158.487	41894.285	247.047
	N			54	54	54	54	54	54	54	54
	Bootstrap[d]	Bias		-.147	-.034	.034	-.018	.028	-.047	-.034	-.002
		Std. Error		.382	.198	.144	.100	.093	.178	.116	.162
		BCa 95% Confidence Interval	Lower	-.358	-.151	-.086	-.228	.038	-.212	.526	-.177
			Upper	.746	.546	.485	.097	.619	.395	.900	.529
V	Pearson Correlation			.365**	-.010	-.103	.060	.309*	.272*	.761**	.090
	Sig. (2-tailed)			.007	.945	.461	.665	.023	.047	.000	.520
	Sum of Squares and Cross-products			3216.599	-187.041	-670.550	1352.048	1539.467	7849.487	1464282.383	3133.748
	Covariance			60.691	-3.529	-12.652	25.510	29.047	148.104	27627.969	59.127
	N			54	54	54	54	54	54	54	54
	Bootstrap[d]	Bias		-.079	-.037	.000	-.016	-.001	-.036	-.040	-.009
		Std. Error		.292	.244	.076	.133	.117	.167	.132	.182
		BCa 95% Confidence Interval	Lower	-.191	-.442	-.235	-.196	.081	-.120	.436	-.324
			Upper	.725	.371	.056	.266	.538	.474	.894	.405
Ti	Pearson Correlation			.209	.375**	.287*	-.397**	.126	-.224	.451**	.513**
	Sig. (2-tailed)			.129	.005	.035	.003	.364	.104	.001	.000
	Sum of Squares and Cross-products			44170.283	175266.982	45017.008	-213198.629	15072.201	-154828.741	20797384.513	429947.333
	Covariance			833.402	3306.924	849.378	-4022.616	284.381	-2921.297	392403.481	8112.214
	N			54	54	54	54	54	54	54	54
	Bootstrap[d]	Bias		-.055	-.010	-.010	-.012	.004	-.019	-.035	-.001
		Std. Error		.256	.150	.131	.117	.131	.193	.198	.102
		BCa 95% Confidence Interval	Lower	-.268	.050	.027	-.599	-.138	-.559	.044	.289
			Upper	.558	.638	.521	-.200	.387	.103	.724	.684

				Sn	Sr	Rb	Pb	Zn	Cu	Fe	Mn
Ca	Pearson Correlation			-.043	.103	.028	-.549**	-.075	-.566**	.366**	.500**
	Sig. (2-tailed)			.755	.457	.838	.000	.591	.000	.006	.000
	Sum of Squares and Cross-products			-36959.948	194652.987	18015.594	-1189411.286	-36070.098	-1579811.986	68116944.161	1691570.516
	Covariance			-697.358	3672.698	339.917	-22441.722	-680.568	-29807.773	1285225.362	31916.425
	N			54	54	54	54	54	54	54	54
	Bootstrap[d]	Bias		-.017	-.004	.042	.008	.020	.014	.009	-.011
		Std. Error		.143	.169	.161	.111	.183	.129	.125	.139
		BCa 95% Confidence Interval	Lower	-.305	-.197	-.210	-.730	-.406	-.781	.060	.217
			Upper	.185	.442	.497	-.287	.354	-.220	.606	.724
K	Pearson Correlation			-.231	.336*	.569**	-.657**	-.115	-.660**	.285*	.551**
	Sig. (2-tailed)			.093	.013	.000	.000	.409	.000	.037	.000
	Sum of Squares and Cross-products			-283407.431	912332.255	518468.772	-2049939.089	-79608.274	-2650076.066	76370436.414	2683441.435
	Covariance			-5347.310	17213.816	9782.430	-38678.096	-1502.043	-50001.435	1440951.630	50630.970
	N			54	54	54	54	54	54	54	54
	Bootstrap[d]	Bias		-.011	-.008	.008	-.001	.016	-.006	.013	.000
		Std. Error		.123	.118	.071	.068	.146	.074	.096	.101
		BCa 95% Confidence Interval	Lower	-.480	.090	.395	-.769	-.371	-.783	.077	.307
			Upper	-.018	.540	.730	-.528	.199	-.529	.515	.730
Al	Pearson Correlation			.093	.150	.168	-.434**	-.018	-.357**	.349**	.420**
	Sig. (2-tailed)			.506	.279	.225	.001	.896	.008	.010	.002
	Sum of Squares and Cross-products			257226.967	922634.812	346659.619	-3065765.592	-28713.546	-3248037.222	212083036.199	4635896.215
	Covariance			4853.339	17408.204	6540.748	-57844.634	-541.765	-61283.721	4001566.721	87469.740
	N			54	54	54	54	54	54	54	54
	Bootstrap[d]	Bias		-.017	.003	.009	-.003	.006	-.008	-.005	.001
		Std. Error		.153	.118	.086	.101	.119	.120	.114	.106
		BCa 95% Confidence Interval	Lower	-.193	-.070	-.057	-.607	-.246	-.556	.103	.199
			Upper	.336	.398	.416	-.243	.230	-.154	.538	.628

				Sn	Sr	Rb	Pb	Zn	Cu	Fe	Mn
P	Pearson Correlation			.062	.593**	.591**	.049	.125	.033	.128	.307*
	Sig. (2-tailed)			.655	.000	.000	.724	.367	.814	.356	.024
	Sum of Squares and Cross-products			45865.596	968483.042	323967.238	92272.467	52272.760	79164.907	20638393.098	900389.102
	Covariance			865.389	18273.265	6112.589	1740.990	986.278	1493.677	389403.643	16988.474
	N			54	54	54	54	54	54	54	54
	Bootstrap[d]	Bias		.052	-.006	-.093	.050	-.048	.053	-.027	-.044
		Std. Error		.175	.130	.324	.168	.206	.174	.159	.197
		BCa 95% Confidence Interval	Lower	-.138	.205	-.412	-.205	-.295	-.227	-.278	-.142
			Upper	.589	.807	.781	.640	.394	.704	.358	.548
Si	Pearson Correlation			.071	.145	.121	-.452**	-.195	-.449**	-.003	.376**
	Sig. (2-tailed)			.608	.294	.383	.001	.158	.001	.982	.005
	Sum of Squares and Cross-products			897265.045	4042623.035	##########	-14450370.368	##########	-18476522.762	-8707518.029	18738143.082
	Covariance			16929.529	76275.906	21310.300	-272648.498	-26162.469	-348613.637	-164292.793	353549.869
	N			54	54	54	54	54	54	54	54
	Bootstrap[d]	Bias		-.009	-.001	.009	.004	.010	.002	.003	-.006
		Std. Error		.130	.092	.083	.109	.126	.092	.120	.113
		BCa 95% Confidence Interval	Lower	-.160	-.048	-.102	-.627	-.423	-.594	-.238	.128
			Upper	.288	.329	.366	-.226	.104	-.268	.256	.567
S	Pearson Correlation			-.106	.134	.084	-.346*	-.409**	-.360**	.003	.209
	Sig. (2-tailed)			.445	.333	.546	.010	.002	.008	.982	.129
	Sum of Squares and Cross-products			-14346.733	40185.535	8419.311	-118953.829	-31295.179	-159232.564	90435.441	112445.787
	Covariance			-270.693	758.218	158.855	-2244.412	-590.475	-3004.388	1706.329	2121.619
	N			54	54	54	54	54	54	54	54
	Bootstrap[d]	Bias		.001	.021	.011	.007	.060	.011	.028	.026
		Std. Error		.096	.111	.090	.114	.230	.121	.139	.125
		BCa 95% Confidence Interval	Lower	-.272	-.057	-.119	-.534	-.694	-.547	-.215	.003
			Upper	.116	.452	.316	-.043	.313	-.030	.385	.559

				Mn	Cr	V	Ti	Ca	K	Al
Sn	Pearson Correlation			.117	.377**	.365**	.209	-.043	-.231	.093
	Sig. (2-tailed)			.398	.005	.007	.129	.755	.093	.506
	Sum of Squares and Cross-products			5756.715	4921.855	3216.599	44170.283	-36959.948	-283407.431	257226.967
	Covariance			108.617	92.865	60.691	833.402	-697.358	-5347.310	4853.339
	N			54	54	54	54	54	54	54
	Bootstrap[d]	Bias		-.019	-.147	-.079	-.055	-.017	-.011	-.017
		Std. Error		.156	.382	.292	.256	.143	.123	.153
		BCa 95% Confidence Interval	Lower	-.204	-.358	-.191	-.268	-.305	-.480	-.193
			Upper	.353	.746	.725	.558	.185	-.018	.336
Sr	Pearson Correlation			.363**	.286*	-.010	.375**	.103	.336*	.150
	Sig. (2-tailed)			.007	.036	.945	.005	.457	.013	.279
	Sum of Squares and Cross-products			39375.467	8255.857	-187.041	175266.982	194652.987	912332.255	922634.812
	Covariance			742.933	155.771	-3.529	3306.924	3672.698	17213.816	17408.204
	N			54	54	54	54	54	54	54
	Bootstrap[d]	Bias		-.008	-.034	-.037	-.010	-.004	-.008	.003
		Std. Error		.137	.198	.244	.150	.169	.118	.118
		BCa 95% Confidence Interval	Lower	.064	-.151	-.442	.050	-.197	.090	-.070
			Upper	.611	.546	.371	.638	.442	.540	.398
Rb	Pearson Correlation			.302*	.117	-.103	.287*	.028	.569**	.168
	Sig. (2-tailed)			.026	.399	.461	.035	.838	.000	.225
	Sum of Squares and Cross-products			11001.999	1133.573	-670.550	45017.008	18015.594	518468.772	346659.619
	Covariance			207.585	21.388	-12.652	849.378	339.917	9782.430	6540.748
	N			54	54	54	54	54	54	54
	Bootstrap[d]	Bias		.003	.034	.000	-.010	.042	.008	.009
		Std. Error		.122	.144	.076	.131	.161	.071	.086
		BCa 95% Confidence Interval	Lower	-.021	-.086	-.235	.027	-.210	.395	-.057
			Upper	.557	.485	.056	.521	.497	.730	.416

				Mn	Cr	V	Ti	Ca	K	Al
Pb	Pearson Correlation			-.459**	-.024	.060	-.397**	-.549**	-.657**	-.434**
	Sig. (2-tailed)			.000	.862	.665	.003	.000	.000	.001
	Sum of Squares and Cross-products			-57250.177	-803.177	1352.048	-213198.629	-1189411.286	-2049939.089	-3065765.592
	Covariance			-1080.192	-15.154	25.510	-4022.616	-22441.722	-38678.096	-57844.634
	N			54	54	54	54	54	54	54
	Bootstrap[d]	Bias		.005	-.018	-.016	-.012	.008	-.001	-.003
		Std. Error		.131	.100	.133	.117	.111	.068	.101
		BCa 95% Confidence Interval	Lower	-.677	-.228	-.196	-.599	-.730	-.769	-.607
			Upper	-.185	.097	.266	-.200	-.287	-.528	-.243
Zn	Pearson Correlation			.171	.280*	.309*	.126	-.075	-.115	-.018
	Sig. (2-tailed)			.215	.041	.023	.364	.591	.409	.896
	Sum of Squares and Cross-products			4760.975	2064.307	1539.467	15072.201	-36070.098	-79608.274	-28713.546
	Covariance			89.830	38.949	29.047	284.381	-680.568	-1502.043	-541.765
	N			54	54	54	54	54	54	54
	Bootstrap[d]	Bias		.020	.028	-.001	.004	.020	.016	.006
		Std. Error		.162	.093	.117	.131	.183	.146	.119
		BCa 95% Confidence Interval	Lower	-.180	.038	.081	-.138	-.406	-.371	-.246
			Upper	.518	.619	.538	.387	.354	.199	.230
Cu	Pearson Correlation			-.438**	.197	.272*	-.224	-.566**	-.660**	-.357**
	Sig. (2-tailed)			.001	.154	.047	.104	.000	.000	.008
	Sum of Squares and Cross-products			-70421.641	8399.794	7849.487	-154828.741	-1579811.986	-2650076.066	-3248037.222
	Covariance			-1328.710	158.487	148.104	-2921.297	-29807.773	-50001.435	-61283.721
	N			54	54	54	54	54	54	54
	Bootstrap[d]	Bias		.013	-.047	-.036	-.019	.014	-.006	-.008
		Std. Error		.153	.178	.167	.193	.129	.074	.120
		BCa 95% Confidence Interval	Lower	-.694	-.212	-.120	-.559	-.781	-.783	-.556
			Upper	-.084	.395	.474	.103	-.220	-.529	-.154

	Mn			Cr	V	Ti	Ca	K	Al	
Fe	Pearson Correlation			.414**	.780**	.761**	.451**	.366**	.285*	.349**
	Sig. (2-tailed)			.002	.000	.000	.001	.006	.037	.010
	Sum of Squares and Cross-products			4431143.270	2220397.080	1464282.383	20797384.513	68116944.161	76370436.414	212083036.199
	Covariance			83606.477	41894.285	27627.969	392403.481	1285225.362	1440951.630	4001566.721
	N			54	54	54	54	54	54	54
	Bootstrap[d]	Bias		.007	-.034	-.040	-.035	.009	.013	-.005
		Std. Error		.124	.116	.132	.198	.125	.096	.114
		BCa 95% Confidence Interval	Lower	.117	.526	.436	.044	.060	.077	.103
			Upper	.661	.900	.894	.724	.606	.515	.538
Mn	Pearson Correlation			1	.253	.090	.513**	.500**	.551**	.420**
	Sig. (2-tailed)				.065	.520	.000	.000	.000	.002
	Sum of Squares and Cross-products			194875.450	13093.495	3133.748	429947.333	1691570.516	2683441.435	4635896.215
	Covariance			3676.895	247.047	59.127	8112.214	31916.425	50630.970	87469.740
	N			54	54	54	54	54	54	54
	Bootstrap[d]	Bias		0	-.002	-.009	-.001	-.011	.000	.001
		Std. Error		0	.162	.182	.102	.139	.101	.106
		BCa 95% Confidence Interval	Lower		-.177	-.324	.289	.217	.307	.199
			Upper		.529	.405	.684	.724	.730	.628
Cr	Pearson Correlation			.253	1	.829**	.662**	.300*	.254	.396**
	Sig. (2-tailed)			.065		.000	.000	.027	.064	.003
	Sum of Squares and Cross-products			13093.495	13768.677	7714.718	147639.792	269910.981	329399.033	1163206.060
	Covariance			247.047	259.786	145.561	2785.656	5092.660	6215.076	21947.284
	N			54	54	54	54	54	54	54
	Bootstrap[d]	Bias		-.002	0	-.049	-.027	.023	.039	.010
		Std. Error		.162	0	.126	.133	.122	.111	.084
		BCa 95% Confidence Interval	Lower	-.177		.508	.344	-.173	.005	.161
			Upper	.529		.928	.818	.625	.651	.585

				Mn	Cr	V	Ti	Ca	K	Al
V	Pearson Correlation			.090	.829**	1	.565**	.295*	.169	.458**
	Sig. (2-tailed)			.520	.000		.000	.030	.221	.000
	Sum of Squares and Cross-products			3133.748	7714.718	6283.900	85033.617	179253.028	148319.321	909006.043
	Covariance			59.127	145.561	118.564	1604.408	3382.133	2798.478	17151.057
	N			54	54	54	54	54	54	54
	Bootstrap[d]	Bias		-.009	-.049	0	-.033	.022	.015	.007
		Std. Error		.182	.126	0	.177	.164	.113	.085
		BCa 95% Confidence Interval	Lower	-.324	.508		.149	-.179	-.117	.248
			Upper	.405	.928		.794	.623	.456	.624
Ti	Pearson Correlation			.513**	.662**	.565**	1	.542**	.595**	.677**
	Sig. (2-tailed)			.000	.000	.000		.000	.000	.000
	Sum of Squares and Cross-products			429947.333	147639.792	85033.617	3610304.117	7896241.574	12485387.136	32176353.541
	Covariance			8112.214	2785.656	1604.408	68118.946	148985.690	235573.342	607101.010
	N			54	54	54	54	54	54	54
	Bootstrap[d]	Bias		-.001	-.027	-.033	0	.006	.009	.004
		Std. Error		.102	.133	.177	0	.089	.080	.064
		BCa 95% Confidence Interval	Lower	.289	.344	.149		.321	.420	.504
			Upper	.684	.818	.794		.723	.794	.799
Ca	Pearson Correlation			.500**	.300*	.295*	.542**	1	.660**	.644**
	Sig. (2-tailed)			.000	.027	.030	.000		.000	.000
	Sum of Squares and Cross-products			1691570.516	269910.981	179253.028	7896241.574	58738248.053	55845049.382	123464256.625
	Covariance			31916.425	5092.660	3382.133	148985.690	1108268.831	1053680.177	2329514.276
	N			54	54	54	54	54	54	54
	Bootstrap[d]	Bias		-.011	.023	.022	.006	0	.008	.010
		Std. Error		.139	.122	.164	.089	0	.098	.073
		BCa 95% Confidence Interval	Lower	.217	-.173	-.179	.321		.428	.472
			Upper	.724	.625	.623	.723		.853	.808

				Mn	Cr	V	Ti	Ca	K	Al
K	Pearson Correlation			.551**	.254	.169	.595**	.660**	1	.725**
	Sig. (2-tailed)			.000	.064	.221	.000	.000		.000
	Sum of Squares and Cross-products			2683441.435	329399.033	148319.321	12485387.136	55845049.382	121897111.073	200107556.013
	Covariance			50630.970	6215.076	2798.478	235573.342	1053680.177	2299945.492	3775614.264
	N			54	54	54	54	54	54	54
	Bootstrap[d]	Bias		.000	.039	.015	.009	.008	0	.005
		Std. Error		.101	.111	.113	.080	.098	0	.048
		BCa 95% Confidence Interval	Lower	.307	.005	-.117	.420	.428		.599
			Upper	.730	.651	.456	.794	.853		.823
Al	Pearson Correlation			.420**	.396**	.458**	.677**	.644**	.725**	1
	Sig. (2-tailed)			.002	.003	.000	.000	.000	.000	
	Sum of Squares and Cross-products			4635896.215	1163206.060	909006.043	32176353.541	123464256.625	200107556.013	625758229.479
	Covariance			87469.740	21947.284	17151.057	607101.010	2329514.276	3775614.264	11806759.047
	N			54	54	54	54	54	54	54
	Bootstrap[d]	Bias		.001	.010	.007	.004	.010	.005	0
		Std. Error		.106	.084	.085	.064	.073	.048	0
		BCa 95% Confidence Interval	Lower	.199	.161	.248	.504	.472	.599	
			Upper	.628	.585	.624	.799	.808	.823	
P	Pearson Correlation			.307*	.158	-.067	.193	-.197	.100	-.028
	Sig. (2-tailed)			.024	.255	.631	.161	.153	.471	.840
	Sum of Squares and Cross-products			900389.102	122902.538	-35185.909	2438275.842	-10030661.127	7339915.118	-4667850.355
	Covariance			16988.474	2318.916	-663.885	46005.205	-189257.757	138488.964	-88072.648
	N			54	54	54	54	54	54	54
	Bootstrap[d]	Bias		-.044	.007	-.007	-.014	-.007	-.053	-.004
		Std. Error		.197	.122	.114	.131	.131	.212	.107
		BCa 95% Confidence Interval	Lower	-.142	-.468	-.259	-.148	-.396	-.456	-.207
			Upper	.548	.454	.138	.382	.064	.318	.160

				Mn	Cr	V	Ti	Ca	K	Al
Si	Pearson Correlation			.376**	.071	.130	.521**	.555**	.632**	.889**
	Sig. (2-tailed)			.005	.608	.348	.000	.000	.000	.000
	Sum of Squares and Cross-products			18738143.082	945663.125	1167645.748	111775937.972	480757966.073	788107387.037	2513199670.781
	Covariance			353549.869	17842.700	22031.052	2108979.962	9070905.020	14869950.699	47418861.713
	N			54	54	54	54	54	54	54
	Bootstrap[d]	Bias		-.006	.017	.018	.009	.000	.002	-.002
		Std. Error		.113	.105	.124	.101	.089	.070	.041
		BCa 95% Confidence Interval	Lower	.128	-.171	-.133	.286	.337	.465	.792
			Upper	.567	.365	.439	.729	.733	.769	.955
S	Pearson Correlation			.209	.060	.005	.179	.405**	.391**	.292*
	Sig. (2-tailed)			.129	.668	.974	.195	.002	.003	.032
	Sum of Squares and Cross-products			112445.787	8511.713	440.570	413552.106	3779425.955	5255427.538	8874190.920
	Covariance			2121.619	160.598	8.313	7802.870	71309.924	99159.010	167437.565
	N			54	54	54	54	54	54	54
	Bootstrap[d]	Bias		.026	.028	.027	.031	.005	-.005	.011
		Std. Error		.125	.135	.149	.119	.073	.102	.072
		BCa 95% Confidence Interval	Lower	.003	-.205	-.256	-.017	.231	.151	.107
			Upper	.559	.448	.418	.542	.561	.568	.483

				P	Si	S
Sn	Pearson Correlation			.062	.071	-.106
	Sig. (2-tailed)			.655	.608	.445
	Sum of Squares and Cross-products			45865.596	897265.045	-14346.733
	Covariance			865.389	16929.529	-270.693
	N			54	54	54
	Bootstrap[d]	Bias		.052	-.009	.001
		Std. Error		.175	.130	.096
		BCa 95% Confidence Interval	Lower	-.138	-.160	-.272
			Upper	.589	.288	.116
Sr	Pearson Correlation			.593**	.145	.134
	Sig. (2-tailed)			.000	.294	.333
	Sum of Squares and Cross-products			968483.042	4042623.035	40185.535
	Covariance			18273.265	76275.906	758.218
	N			54	54	54
	Bootstrap[d]	Bias		-.006	-.001	.021
		Std. Error		.130	.092	.111
		BCa 95% Confidence Interval	Lower	.205	-.048	-.057
			Upper	.807	.329	.452
Rb	Pearson Correlation			.591**	.121	.084
	Sig. (2-tailed)			.000	.383	.546
	Sum of Squares and Cross-products			323967.238	1129445.918	8419.311
	Covariance			6112.589	21310.300	158.855
	N			54	54	54
	Bootstrap[d]	Bias		-.093	.009	.011
		Std. Error		.324	.083	.090
		BCa 95% Confidence Interval	Lower	-.412	-.102	-.119
			Upper	.781	.366	.316

				P	Si	S
Pb	Pearson Correlation			.049	-.452**	-.346*
	Sig. (2-tailed)			.724	.001	.010
	Sum of Squares and Cross-products			92272.467	-14450370.368	-118953.829
	Covariance			1740.990	-272648.498	-2244.412
	N			54	54	54
	Bootstrap[d]	Bias		.050	.004	.007
		Std. Error		.168	.109	.114
		BCa 95% Confidence Interval	Lower	-.205	-.627	-.534
			Upper	.640	-.226	-.043
Zn	Pearson Correlation			.125	-.195	-.409**
	Sig. (2-tailed)			.367	.158	.002
	Sum of Squares and Cross-products			52272.760	-1386610.833	-31295.179
	Covariance			986.278	-26162.469	-590.475
	N			54	54	54
	Bootstrap[d]	Bias		-.048	.010	.060
		Std. Error		.206	.126	.230
		BCa 95% Confidence Interval	Lower	-.295	-.423	-.694
			Upper	.394	.104	.313
Cu	Pearson Correlation			.033	-.449**	-.360**
	Sig. (2-tailed)			.814	.001	.008
	Sum of Squares and Cross-products			79164.907	-18476522.762	-159232.564
	Covariance			1493.677	-348613.637	-3004.388
	N			54	54	54
	Bootstrap[d]	Bias		.053	.002	.011
		Std. Error		.174	.092	.121
		BCa 95% Confidence Interval	Lower	-.227	-.594	-.547
			Upper	.704	-.268	-.030

				P	Si	S
Fe	Pearson Correlation			.128	-.003	.003
	Sig. (2-tailed)			.356	.982	.982
	Sum of Squares and Cross-products			20638393.098	-8707518.029	90435.441
	Covariance			389403.643	-164292.793	1706.329
	N			54	54	54
	Bootstrap[d]	Bias		-.027	.003	.028
		Std. Error		.159	.120	.139
		BCa 95% Confidence Interval	Lower	-.278	-.238	-.215
			Upper	.358	.256	.385
Mn	Pearson Correlation			.307*	.376**	.209
	Sig. (2-tailed)			.024	.005	.129
	Sum of Squares and Cross-products			900389.102	18738143.082	112445.787
	Covariance			16988.474	353549.869	2121.619
	N			54	54	54
	Bootstrap[d]	Bias		-.044	-.006	.026
		Std. Error		.197	.113	.125
		BCa 95% Confidence Interval	Lower	-.142	.128	.003
			Upper	.548	.567	.559
Cr	Pearson Correlation			.158	.071	.060
	Sig. (2-tailed)			.255	.608	.668
	Sum of Squares and Cross-products			122902.538	945663.125	8511.713
	Covariance			2318.916	17842.700	160.598
	N			54	54	54
	Bootstrap[d]	Bias		.007	.017	.028
		Std. Error		.122	.105	.135
		BCa 95% Confidence Interval	Lower	-.468	-.171	-.205
			Upper	.454	.365	.448

				P	Si	S
V	Pearson Correlation			-.067	.130	.005
	Sig. (2-tailed)			.631	.348	.974
	Sum of Squares and Cross-products			-35185.909	1167645.748	440.570
	Covariance			-663.885	22031.052	8.313
	N			54	54	54
	Bootstrap[d]	Bias		-.007	.018	.027
		Std. Error		.114	.124	.149
		BCa 95% Confidence Interval	Lower	-.259	-.133	-.256
			Upper	.138	.439	.418
Ti	Pearson Correlation			.193	.521**	.179
	Sig. (2-tailed)			.161	.000	.195
	Sum of Squares and Cross-products			2438275.842	111775937.972	413552.106
	Covariance			46005.205	2108979.962	7802.870
	N			54	54	54
	Bootstrap[d]	Bias		-.014	.009	.031
		Std. Error		.131	.101	.119
		BCa 95% Confidence Interval	Lower	-.148	.286	-.017
			Upper	.382	.729	.542
Ca	Pearson Correlation			-.197	.555**	.405**
	Sig. (2-tailed)			.153	.000	.002
	Sum of Squares and Cross-products			-10030661.127	480757933.07	3779425.955
	Covariance			-189257.757	9070905.020	71309.924
	N			54	54	54
	Bootstrap[d]	Bias		-.007	.000	.005
		Std. Error		.131	.089	.073
		BCa 95% Confidence Interval	Lower	-.396	.337	.231
			Upper	.064	.733	.561

				P	Si	S
K	Pearson Correlation			.100	.632**	.391**
	Sig. (2-tailed)			.471	.000	.003
	Sum of Squares and Cross-products			7339915.118	788107387.037	5255427.538
	Covariance			138488.964	14869950.699	99159.010
	N			54	54	54
	Bootstrap[d]	Bias		-.053	.002	-.005
		Std. Error		.212	.070	.102
		BCa 95% Confidence Interval	Lower	-.456	.465	.151
			Upper	.318	.769	.568
AI	Pearson Correlation			-.028	.889**	.292*
	Sig. (2-tailed)			.840	.000	.032
	Sum of Squares and Cross-products			-4667850.355	25131996070.781	8874190.920
	Covariance			-88072.648	47418861.713	167437.565
	N			54	54	54
	Bootstrap[d]	Bias		-.004	-.002	.011
		Std. Error		.107	.041	.072
		BCa 95% Confidence Interval	Lower	-.207	.792	.107
			Upper	.160	.955	.483
P	Pearson Correlation			1	.006	.184
	Sig. (2-tailed)				.965	.183
	Sum of Squares and Cross-products			44095235.48	4624051.179	1485910.588
	Covariance			831985.575	87246.249	28036.049
	N			54	54	54
	Bootstrap[d]	Bias		0	.001	.014
		Std. Error		0	.094	.105
		BCa 95% Confidence Interval	Lower		-.160	-.019
			Upper		.208	.513

				P	Si	S
Si	Pearson Correlation			.006	1	.348**
	Sig. (2-tailed)			.965		.010
	Sum of Squares and Cross-products			4624051.179	12771046021.131	47814346.7908349
	Covariance			87246.249	240963132.47418	902157.487
	N			54	54	54
	Bootstrap[d]	Bias		.001	0	.004
		Std. Error		.094	0	.081
		BCa 95% Confidence Interval	Lower	-.160		.148
			Upper	.208		.515
S	Pearson Correlation			.184	.348**	1
	Sig. (2-tailed)			.183	.010	
	Sum of Squares and Cross-products			1485910.588	47814346.791	1479188.412
	Covariance			28036.049	902157.487	27909.215
	N			54	54	54
	Bootstrap[d]	Bias		.014	.004	0
		Std. Error		.105	.081	0
		BCa 95% Confidence Interval	Lower	-.019	.148	
			Upper	.513	.515	

Kaiser-Meyer-Olkin results

All data (*n*=374)

KMO

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.726
Bartlett's Test of Sphericity	Approx. Chi-Square	6228.044
	df	153
	Sig.	.000

Where results over 0.6 for KMO indicate variation in the data set is not by random chance, and the data set is suitable for PCA.

T only data (*n*=54)

KMO

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.717
Bartlett's Test of Sphericity	Approx. Chi-Square	823.975
	df	136
	Sig.	.000

a. Only cases for which TSA = T are used in the analysis phase.

A2.3 Calibrated data

Note the <LOD is replaced with 0. All readings at 50-100-50-100 filter times with the exception of cores 7936 and 7945, which are 30-60-30-60 seconds.

NOTE	Class	PHASE	subsoil type	Sn	Ag	Sr	Rb	Au	Pb	Zn	Cu	Fe
context 14813-1	T		CLAY	0	0	166.03	86.00	0.00	62.86	59.04	74.47	18640.32
context 14813-1	T		CLAY	11.82	0	164.40	93.71	0.00	72.38	67.12	95.12	19311.77
context 14813-1	T		CLAY	8.03	0	172.92	90.20	0.00	66.74	63.29	64.35	19785.20
context 14813-1	T		CLAY	9.85	0	174.78	91.81	0.00	85.61	67.60	85.19	18632.36
context 14813-1	T		CLAY	7.91	0	173.36	98.22	0.00	114.09	57.47	62.03	20724.89
context 14813-1	T		CLAY	10.48	0	176.94	88.26	0.00	78.01	62.75	83.14	18557.58
context 14813-1	T		CLAY	9.96	0	171.90	96.78	0.00	80.07	67.18	62.84	23835.56
context 14813-1	T		CLAY	18.19	0	186.08	91.33	0.00	59.86	61.40	69.72	18698.02
context 14813-1	T		CLAY	38.25	0	176.87	90.49	0.00	69.34	60.25	67.44	19160.30
context 14813-1	T		CLAY	13.79	0	186.95	90.10	0.00	113.99	67.89	101.79	23700.78
context 14813-2	A	L	CLAY	0	0	148.11	95.04	0.00	61.11	54.65	79.67	20324.20
context 14813-2	A	L	CLAY	0	0	179.94	100.77	0.00	44.24	64.07	58.40	19804.72
context 14813-2	A	L	CLAY	0	0	157.39	112.50	0.00	54.17	79.20	81.91	26406.41
context 14813-2	A	L	CLAY	17.05	0	185.70	115.08	0.00	47.44	63.72	87.84	23684.27
context 14813-3	S		CLAY	0	0	192.76	125.25	0.00	23.42	68.99	52.26	25991.79
context 14813-3	S		CLAY	0	0	145.23	129.12	0.00	17.59	78.28	29.65	29156.98
context 14813-3	S		CLAY	0	0	155.29	126.97	0.00	12.91	67.50	31.58	24316.12
context 14813-3	S		CLAY	0	0	154.12	131.06	0.00	9.95	73.21	30.46	26650.38
context 14813-3	S		CLAY	0	0	146.86	132.32	0.00	10.79	69.86	21.79	32656.47
context 14813-4	S		CLAY	0	0	152.30	127.30	0.00	10.47	68.56	28.41	33344.69
context 14813-4	S		CLAY	0	0	158.50	115.49	0.00	9.39	66.72	35.69	34556.96
context 14823-1	T		CLAY	62.98	0	159.28	78.91	0.00	75.49	60.20	98.10	16998.47
context 14823-1	T		CLAY	0	0	151.14	86.75	0.00	95.61	60.31	108.63	19312.07
context 14823-1	T		CLAY	13.08	0	286.35	101.44	0.00	89.94	50.39	79.07	17751.03
context 14823-1	T		CLAY	0	0	162.71	86.67	0.00	77.87	62.17	86.59	18686.74
context 14823-2	A	L	CLAY	0	0	85.90	54.04	0.00	146.95	60.70	211.72	16012.76

NOTE	Class	PHASE	subsoil type	Sn	Ag	Sr	Rb	Au	Pb	Zn	Cu	Fe
context 14823-2	A	L	CLAY	0	0	127.72	77.79	0.00	160.04	116.69	265.02	21142.37
context 14823-2	A	L	CLAY	0	0	193.58	95.05	0.00	76.66	124.44	281.24	19214.17
context 14823-2	A	L	CLAY	0	0	194.70	90.36	0.00	37.71	77.52	189.86	23963.47
context 14823-2	A	L	CLAY	0	0	180.56	86.31	0.00	46.49	54.35	234.34	24907.57
context 14823-3	A	E	CLAY	0	0	192.73	89.47	0.00	16.13	46.93	49.88	17713.57
context 14823-3	A	E	CLAY	0	0	214.53	128.73	0.00	15.00	72.19	44.70	20817.79
context 14823-3	A	E	CLAY	0	0	194.02	116.44	0.00	6.28	61.84	31.13	21614.82
context 14823-3	A	E	CLAY	0	0	158.37	112.24	0.00	9.09	59.85	32.39	18590.60
context 14823-4	S		CLAY	0	0	123.71	115.83	0.00	14.42	97.25	54.28	39676.65
context 14823-4	S		CLAY	0	0	143.07	121.31	0.00	18.99	82.20	52.99	35038.19
context 14823-4	S		CLAY	0	0	135.87	113.48	0.00	11.69	79.38	39.50	44650.42
context 14823-4	S		CLAY	0	0	127.57	109.86	0.00	10.57	88.23	50.06	65931.97
context 14823-4	S		CLAY	0	0	138.50	117.08	0.00	11.52	72.33	25.37	42265.13
context 14819-1	T		CLAY	10.43	0.00	158.52	82.89	0.00	82.99	63.55	80.93	18469.30
context 14819-1	T		CLAY	12.25	0.00	180.57	94.04	0.00	59.77	54.75	66.93	18478.45
context 14819-1	T		CLAY	11.70	0.00	170.62	96.55	0.00	130.47	77.68	114.22	22357.12
context 14819-1	T		CLAY	8.27	0.00	262.87	88.33	0.00	101.98	64.16	97.98	19867.99
context 14819-2	A	L	CLAY	0.00	0.00	159.34	97.57	0.00	63.34	68.51	92.32	21160.72
context 14819-2	A	L	CLAY	0.00	0.00	179.61	110.02	0.00	56.51	83.30	49.53	25607.59
context 14819-3	S		CLAY	0.00	0.00	174.56	115.90	0.00	29.51	72.72	47.39	24701.93
context 14819-3	S		CLAY	0.00	0.00	143.29	117.52	0.00	17.90	76.54	39.50	26534.36
context 14819-4	S		CLAY	0.00	0.00	144.70	124.17	0.00	19.04	71.00	48.48	30107.49
context 14819-4	S		CLAY	0.00	0.00	149.10	116.39	0.00	29.45	70.62	29.61	32759.85
context 14819-4	S		CLAY	0.00	0.00	129.20	106.02	0.00	15.26	73.00	51.05	47430.65
context 14819-4	S		CLAY	0.00	0.00	149.69	106.90	0.00	16.58	63.66	42.59	41531.20
context 14825-1	T		CLAY	11.94	0.00	153.64	88.57	0.00	130.88	64.13	135.42	18064.48
context 14825-1	T		CLAY	9.52	0.00	141.59	75.79	0.00	131.50	68.42	160.31	17855.17
context 14825-1	T		CLAY	19.33	0.00	154.51	79.04	0.00	160.12	67.09	176.78	21049.38

NOTE	Class	PHASE	subsoil type	Sn	Ag	Sr	Rb	Au	Pb	Zn	Cu	Fe
context 14825-2	A	L	CLAY	257.91	0.00	147.90	74.62	0.00	4478.33	163.60	4391.79	28639.36
context 14825-2	A	L	CLAY	119.43	0.00	152.92	64.92	0.00	6473.32	131.15	5518.56	58922.17
context 14825-2	A	L	CLAY	227.76	5.10	148.12	74.75	0.00	2179.83	112.60	2696.04	37794.98
context 14825-2	A	L	CLAY	65.00	4.04	162.33	89.97	0.00	495.99	92.15	858.35	22205.24
context 14825-2	A	L	CLAY	36.88	5.90	169.34	102.28	0.00	275.07	95.31	668.32	26389.27
context 14825-2	A	L	CLAY	56.51	0.00	163.93	104.97	0.00	386.10	79.54	375.93	28899.96
context 14825-2	A	L	CLAY	71.02	0.00	154.64	96.14	0.00	642.88	96.25	692.37	33208.71
context 14825-3	S		CLAY	0.00	0.00	126.84	108.91	0.00	103.27	71.40	129.31	41029.81
context 14825-3	S		CLAY	0.00	0.00	137.46	117.96	0.00	27.49	78.67	51.22	31388.94
context 14825-3	S		CLAY	0.00	0.00	137.93	114.24	0.00	13.99	83.75	44.78	35825.31
context 14825-3	S		CLAY	0.00	0.00	142.84	119.95	0.00	10.54	71.61	36.37	30121.46
context 14825-3	S		CLAY	0.00	0.00	125.34	103.28	0.00	63.68	67.94	69.82	53911.33
context 14825-3	S		CLAY	0.00	0.00	146.06	117.74	0.00	10.19	63.43	36.50	32692.27
context 14821-1	T		CLAY	7.58	0.00	170.04	88.06	0.00	88.36	54.41	98.27	16428.36
context 14821-1	T		CLAY	7.43	0.00	179.13	84.19	0.00	130.48	57.43	109.50	19325.72
context 14821-1	T		CLAY	50.44	0.00	174.66	78.15	0.00	117.09	62.39	117.62	21809.01
context 14821-2	A	L	CLAY	0.00	0.00	176.03	90.56	0.00	15.41	38.45	60.68	16875.68
context 14821-2	A	L	CLAY	0.00	0.00	164.21	108.27	0.00	15.14	66.44	75.16	24255.82
context 14821-2	A	L	CLAY	0.00	0.00	165.10	112.91	0.00	14.32	71.50	65.19	23817.81
context 14821-2	A	L	CLAY	0.00	0.00	144.62	102.08	0.00	12.38	70.90	64.33	23987.29
context 14821-3	S		CLAY	0.00	0.00	132.41	119.08	0.00	7.10	80.30	49.51	25200.65
context 14821-3	S		CLAY	0.00	0.00	137.22	109.46	0.00	34.73	67.75	77.36	42089.73
context 14821-3	S		CLAY	0.00	0.00	142.44	126.47	0.00	8.15	78.01	38.85	25126.04
context 14821-3	S		CLAY	0.00	0.00	149.61	123.69	0.00	7.82	70.14	20.84	26460.22
context 14827-1	T		CLAY	17.48	0.00	164.50	86.32	0.00	70.82	61.87	67.11	16875.43
context 14827-1	T		CLAY	0.00	0.00	166.82	83.14	0.00	66.16	63.59	81.10	18967.22
context 14827-1	T		CLAY	19.02	0.00	154.56	85.91	0.00	72.92	68.64	86.84	19397.81
context 14827-2	S		CLAY	34.09	0.00	183.99	97.34	0.00	29.45	49.67	70.32	18046.73

NOTE	Class	PHASE	subsoil type	Sn	Ag	Sr	Rb	Au	Pb	Zn	Cu	Fe
context 14827-2	S		CLAY	0.00	0.00	184.45	93.97	0.00	17.58	32.25	32.41	14875.22
context 14827-3	S		CLAY	0.00	0.00	162.12	103.29	0.00	23.11	77.08	45.80	29491.67
context 14807-1	T		CLAY	0	0	162.06	89.10	0.00	44.31	53.56	50.53	20227.35
context 14807-1	T		CLAY	0	0	163.22	96.52	0.00	41.45	55.86	51.11	19207.49
context 14807-1	T		CLAY	0	0	275.62	154.86	0.00	57.29	57.97	50.26	19475.81
context 14807-2	A	L	CLAY	0	0	181.43	91.74	0.00	42.94	50.39	84.13	17664.54
context 14807-2	A	L	CLAY	0	0	171.40	88.29	0.00	36.55	51.94	87.22	18534.23
context 14807-2	A	L	CLAY	0	0	175.99	89.41	0.00	65.41	60.13	110.16	22966.18
context 14807-2	A	L	CLAY	0	0	220.01	113.45	0.00	65.40	70.29	94.02	23641.23
context 14807-3	A	E	CLAY	0	0	151.82	105.08	0.00	17.62	69.48	37.56	23530.59
context 14807-3	A	E	CLAY	0	0	185.84	109.02	0.00	12.72	51.11	52.63	20625.63
context 14807-3	A	E	CLAY	0	0	154.58	114.72	0.00	10.64	76.71	41.96	22700.15
context 14807-4	S		CLAY	0	0	130.34	121.38	0.00	8.86	80.97	32.79	29899.63
context 14807-4	S		CLAY	0	0	140.10	128.30	0.00	8.11	67.78	28.25	23982.34
context 14829-1	T		CLAY	13.29	0	153.58	82.99	0.00	87.81	64.41	86.91	21864.46
context 14829-1	T		CLAY	13.16	0	165.34	92.28	0.00	105.58	72.74	142.29	21384.93
context 14829-1	T		CLAY	0	0	101.08	88.70	0.00	164.23	80.93	237.41	23702.27
context 14829-2	S		CLAY	0	0	190.48	99.55	0.00	19.20	43.63	35.41	17071.35
context 14829-2	S		CLAY	0	0	174.89	102.74	0.00	15.22	68.45	62.67	22126.80
context 14829-2	S		CLAY	0	0	165.29	116.72	0.00	13.92	75.20	49.04	25603.50
context 14829-2	S		CLAY	0	0	158.98	111.86	0.00	18.29	83.79	51.19	26834.71
context 14815-1	T		CLAY	0	0	209.58	97.76	0.00	74.65	61.09	69.52	19656.38
context 14815-1	T		CLAY	0	0	158.88	90.31	0.00	58.96	60.13	62.28	18735.34
context 14815-1	T		CLAY	23.52	0	170.83	94.37	0.00	127.69	60.61	132.37	30319.01
context 14815-2	A	L	CLAY	24.45	0	176.79	109.66	0.00	94.07	60.71	115.85	24582.26
context 14815-2	A	L	CLAY	1084.34	0	157.79	108.54	0.00	110.51	68.38	112.06	27155.98
context 14815-2	A	L	CLAY	57.14	0	179.86	114.29	0.00	45.34	60.83	53.05	21512.64
context 14815-2	A	L	CLAY	0	0	157.87	118.28	0.00	48.49	71.39	74.50	28648.08

NOTE	Class	PHASE	subsoil type	Sn	Ag	Sr	Rb	Au	Pb	Zn	Cu	Fe
context 14815-3	S		CLAY	0	0	183.20	143.11	0.00	19.99	89.36	41.67	30712.65
context 14815-3	S		CLAY	0	0	141.89	120.85	0.00	20.62	79.43	36.79	34945.50
context 14815-3	S		CLAY	0	0	146.59	132.41	0.00	12.64	78.52	24.19	28976.29
context 14815-3	S		CLAY	0	0	147.39	129.83	0.00	10.68	87.24	31.54	31413.46
context 14815-3	S		CLAY	0	0	143.88	125.69	0.00	11.10	79.80	32.82	31428.90
context 14809-1	T		CLAY	0	0	159.04	85.57	0	61.16	45.12	61.25	17976.07
context 14809-1	T		CLAY	73.71	0	249.15	86.93	0	74.69	68.79	159.23	35563.76
context 14809-1	T		CLAY	0	0	158.83	84.11	0	64.45	56.59	95.67	21914.16
context 14809-2	A	L	CLAY	13.50	0	193.41	96.89	0	32.64	43.55	35.47	17536.59
context 14809-2	A	L	CLAY	11.56	0	177.54	93.61	0	45.48	56.48	60.76	20794.71
context 14809-2	A	L	CLAY	8.04	0	173.93	94.48	0	33.94	53.60	47.36	18483.88
context 14809-2	A	L	CLAY	0	0	150.53	107.99	0	34.89	80.92	53.68	26068.86
context 14809-3	S		CLAY	0	0	139.34	121.89	0	9.61	69.55	37.78	24868.30
context 14809-3	S		CLAY	0	0	139.92	118.80	0	11.26	68.99	20.57	30463.14
context 14809-3	S		CLAY	0	0	142.30	128.81	0	9.30	75.58	28.49	25824.38
context 14817-1	T		CLAY	0	0	151.84	82.68	0	57.39	58.29	57.27	17682.90
context 14817-1	T		CLAY	9.70	0	166.10	92.74	0	58.04	60.44	71.33	20835.67
context 14817-2	S		CLAY	0	0	138.66	123.94	0	15.50	71.70	26.81	25334.12
context 14817-2	S		CLAY	0	0	136.52	126.60	0	12.29	84.00	27.63	27801.11
context 14817-1	T		CLAY	0	0	261.46	121.54	0	48.51	78.49	46.63	25301.96
context 14817-1	T		CLAY	9.07	0	156.06	89.03	0	41.88	45.03	58.39	17907.37
context 14817-2	S		CLAY	0	0	151.92	101.88	0	42.76	74.53	39.13	26084.47
context 14817-2	S		CLAY	0	0	183.28	106.41	0	20.72	60.30	27.20	21805.81
context 14872-1	A	L	CLAY	0	0	164.56	95.84	0	10.52	75.74	21.85	18787.72
context 14872-1	A	L	CLAY	0	0	162.71	87.05	0	14.83	76.50	44.96	21890.54
context 14872-1	A	L	CLAY	0	0	168.18	90.26	0	10.58	66.07	26.11	20607.00
context 14872-1	A	L	CLAY	0	0	155.70	96.55	0	13.63	83.29	31.31	24603.43
context 14872-1	A	L	CLAY	0	0	135.98	84.60	0	9.43	89.45	29.53	31118.66

NOTE	Class	PHASE	subsoil type	Sn	Ag	Sr	Rb	Au	Pb	Zn	Cu	Fe
context 14872-1	A	L	CLAY	0	0	125.45	87.41	0	7.88	80.58	0.00	28980.51
context 14872-1	A	L	CLAY	0	0	136.65	100.91	0	8.92	81.75	30.59	28738.22
context 14872-2	A	E	CLAY	0	0	136.85	96.53	0	11.18	77.41	0.00	28842.68
context 14872-2	A	E	CLAY	0	0	120.76	90.77	0	7.59	73.26	19.56	29850.71
context 14872-2	A	E	CLAY	0	0	113.86	94.50	0	10.55	86.26	29.27	38826.78
context 14872-2	A	E	CLAY	0	0	97.50	87.39	0	10.73	72.28	29.89	49783.86
context 14872-2	A	E	CLAY	0	0	109.07	92.33	0	5.90	68.51	23.34	49387.05
context 14872-2	A	E	CLAY	0	0	111.22	97.14	0	9.16	68.63	18.80	46981.13
context 14872-2	A	E	CLAY	0	0	133.29	115.08	0	0.00	64.82	18.17	25176.50
context 14875-1	A	L	CLAY	68.26		196.86	109.94	0	39.33	71.51	116.17	13589.91
context 14875-2	A	E	CLAY	0		207.01	89.13	0	6.23	45.00	41.16	14780.01
context 14875-2	A	E	CLAY	0		191.89	90.56	0	14.67	46.27	53.42	19882.38
context 14875-2	A	E	CLAY	0		197.28	91.41	0	7.59	43.85	29.52	15432.12
context 14875-2	A	E	CLAY	0		199.40	87.90	0	8.68	41.09	26.52	14824.91
context 14875-2	A	E	CLAY	0		176.87	96.33	0	11.75	65.61	33.31	19685.99
context 14875-2	A	E	CLAY	0		202.89	92.43	0	13.70	41.60	23.06	15215.12
context 14875-2	A	E	CLAY	0		194.64	92.13	0	7.92	48.19	15.96	17098.62
context 14875-3	S		CLAY	0		182.16	94.66	0	7.68	57.85	17.52	20176.99
context 14875-3	S		CLAY	0		152.47	95.89	0	21.52	90.60	32.06	27079.83
context 14875-3	S		CLAY	0		166.30	92.41	0	9.27	84.10	36.04	25661.32
context 14875-3	S		CLAY	0		157.79	94.87	0	7.53	90.30	34.83	26176.05
context 14875-3	S		CLAY	0		144.21	96.96	0	6.45	91.93	54.54	33803.26
context 14871-1	A	L	CLAY	0		175.70	89.18	0	16.91	75.02	122.84	21004.43
context 14871-1	A	L	CLAY	0		171.02	96.09	0	7.13	88.20	47.33	21019.78
context 14871-1	A	L	CLAY	0		194.10	93.46	0	11.19	73.21	27.85	25446.59
context 14871-1	A	L	CLAY	0		192.54	94.58	0	11.18	84.05	0.00	20301.02
context 14871-1	A	L	CLAY	0		143.42	100.98	0	12.49	89.52	23.64	24915.90
context 14871-1	A	L	CLAY	0		144.61	89.64	0	8.37	76.90	0.00	23562.65

NOTE	Class	PHASE	subsoil type	Sn	Ag	Sr	Rb	Au	Pb	Zn	Cu	Fe
context 14871-1	A	L	CLAY	0		153.90	92.17	0	7.69	71.16	0.00	29301.62
context 14871-1	A	L	CLAY	0		134.09	99.93	0	8.28	98.68	23.29	31073.28
context 14871-2	S		CLAY	0		137.99	101.75	0	5.67	89.05	18.30	27250.98
context 14871-2	S		CLAY	0		130.13	112.37	0	9.64	94.78	22.99	32753.15
context 14871-2	S		CLAY	0		129.77	115.68	0	7.41	91.59	23.39	33982.92
context 14871-2	S		CLAY	0		119.20	103.34	0	8.30	71.22	25.39	40668.07
context 14871-2	S		CLAY	0		124.59	107.71	0	14.25	83.09	23.35	42461.73
context 14869-1	A	L	CLAY	0		183.14	83.14		21.64	121.11	83.35	21669.58
context 14869-1	A	L	CLAY	0		195.31	76.07		14.16	156.34	91.06	21373.69
context 14869-1	A	L	CLAY	0		187.09	73.83		11.14	171.13	87.71	22909.66
context 14869-1	A	L	CLAY	0		266.10	84.88		14.21	118.44	34.96	20604.98
context 14869-2	A	E	CLAY	0		171.48	91.89		9.63	106.48	27.56	22258.42
context 14869-2	A	E	CLAY	0		147.25	90.61		9.34	99.07	20.36	29230.98
context 14869-2	A	E	CLAY	0		135.27	95.30		9.09	96.99	16.78	26466.32
context 14869-3	S		CLAY	0		112.71	100.14		6.72	114.72	15.45	37200.36
context 14869-3	S		CLAY	0		126.70	102.39		7.55	92.36	16.74	35056.42
context 14869-3	S		CLAY	0		125.86	111.29		6.54	103.56	22.71	32088.42
context 14869-3	S		CLAY	0		123.72	101.26		6.25	88.17	22.57	36948.54
context 14869-3	S		CLAY	0		135.11	116.16		8.36	100.65	16.20	32971.95
context 14869-3	S		CLAY	0		131.05	108.17		7.84	93.76	24.98	36075.74
context 13866-1	T	Harbour		0	0	150.04	89.46		15.11	59.84	0.00	21643.24
context 13866-1	T	Harbour		0	0	162.98	92.04		26.14	74.50	26.75	23037.38
context 13866-1	T	Harbour		0	0	154.31	93.27		17.80	72.99	0.00	24084.70
context 13866-1	T	Harbour		0	0	150.54	87.74		13.76	62.64	0.00	22090.82
context 13866-1	T	Harbour		0	0	191.73	98.78		18.83	66.68	0.00	25592.24
context 13866-1	T	Harbour		0	0	156.29	86.03		16.81	65.11	18.30	22657.93
context 13866-1	T	Harbour		0	0	161.71	96.06		16.41	69.25	0.00	23120.77
context 13866-1	T	Harbour		0	0	164.80	91.53		18.59	37.48	0.00	17598.29

NOTE	Class	PHASE	subsoil type	Sn	Ag	Sr	Rb	Au	Pb	Zn	Cu	Fe
context 13866-1	T	Harbour		0	0	170.18	93.69		15.40	45.22	0.00	20216.44
context 13866-1	T	Harbour		0	0	203.25	96.93		18.11	42.87	0.00	18439.61
context 13866-2	A	Harbour		0	0	170.12	115.80		9.54	71.63	15.99	32228.74
context 13866-2	A	Harbour		0	0	146.70	119.57		11.70	71.51	19.98	33859.93
context 13866-2	A	Harbour		0	0	147.12	120.62		7.76	75.53	0.00	32739.63
context 13866-2	A	Harbour		0	0	229.07	126.79		9.06	75.87	0.00	36287.85
context 13866-2	A	Harbour		0	0	171.10	113.32		11.31	66.58	17.16	30091.17
context 13866-2	A	Harbour		0	0	149.45	115.55		8.70	69.58	17.52	32622.33
context 13866-3	S	Harbour		0	0	145.23	112.88		9.86	89.69	20.69	30829.63
context 13866-3	S	Harbour		0	0	137.52	120.16		8.21	100.03	22.12	28874.51
context 13866-3	S	Harbour		0	0	164.75	106.51		8.01	66.52	0.00	23035.51
context 13866-3	S	Harbour		0	0	160.56	105.08		14.89	80.35	29.27	24846.73
context 13866-3	S	Harbour		0	0	169.77	94.66		20.18	63.52	0.00	23107.54
context 13866-3	S	Harbour		0	0	391.23	108.22		11.97	81.09	25.15	30925.92
context 13866-3	S	Harbour		0	0	125.40	98.42		5.92	84.41	0.00	47914.95
context 13866-3	S	Harbour		0	0	148.14	117.51		7.02	77.03	23.84	29601.10
context 13867-1	T	Harbour		0	0	169.26	98.55		16.71	63.31	0.00	22121.36
context 13867-2	A	Harbour		0	0	161.93	93.41		15.90	59.93	16.78	21852.53
context 13867-2	A	Harbour		0	0	169.77	97.37		15.61	50.38	0.00	20555.69
context 13867-2	A	Harbour		0	0	167.35	103.75		12.16	56.91	0.00	21887.82
context 13867-2	A	Harbour		0	0	175.29	109.84		19.36	63.26	16.24	25778.39
context 13867-2	A	Harbour		0	0	177.62	99.58		17.19	53.90	19.80	21788.39
context 13867-2	A	Harbour		0	0	158.36	118.29		11.68	60.88	18.42	27844.20
context 13867-2	A	Harbour		0	0	165.40	100.49		12.68	61.46	0.00	24851.00
context 13867-3	S	Harbour		0	0	154.78	126.43		6.84	67.29	0.00	31459.55
context 13867-3	S	Harbour		0	0	166.44	108.66		8.08	60.68	0.00	29852.05
context 13867-3	S	Harbour		0	0	176.29	112.86		6.22	58.28	0.00	29077.38
context 13867-3	S	Harbour		0	0	153.01	106.56		7.47	62.75	0.00	30435.43

NOTE	Class	PHASE	subsoil type	Sn	Ag	Sr	Rb	Au	Pb	Zn	Cu	Fe
context 13867-3	S	Harbour		0	0	235.86	102.98		9.61	60.77	22.80	26009.72
Context 7936-1	A	L	CLAY	0.00	0.00	205.95	77.67	0.00	85.70	82.91	200.67	111544.87
Context 7936-1	A	L	CLAY	0.00	0.00	199.85	119.30	0.00	61.21	83.65	98.15	37508.45
Context 7936-1	A	L	CLAY	0.00	0.00	201.47	100.66	0.00	93.42	81.32	179.33	76141.50
Context 7936-1	A	L	CLAY	0.00	0.00	189.55	130.68	0.00	45.52	81.25	77.83	28670.30
Context 7936-2	A	L	CLAY	0.00	0.00	196.02	132.79	0.00	19.07	60.96	51.48	23675.64
context 7936-3	A	L	CLAY	0.00	0.00	191.91	123.96	0.00	16.09	67.27	43.14	25943.69
context 7936-3	A	L	CLAY	0.00	0.00	201.01	129.18	0.00	15.55	75.22	39.52	25952.04
context 7936-3	A	L	CLAY	0.00	0.00	187.01	131.82	0.00	21.82	72.88	39.53	34165.40
context 7936-4	A	E	CLAY	0.00	0.00	185.18	129.85	0.00	25.90	68.71	46.08	27559.59
context 7936-4	A	E	CLAY	0.00	0.00	188.99	129.17	0.00	23.36	74.61	90.30	24822.10
context 7936-5	A	E	CLAY	0.00	0.00	203.50	121.90	0.00	17.12	56.44	31.26	25505.56
context 7936-5	A	E	CLAY	0.00	0.00	213.82	122.43	0.00	7.38	50.42	20.65	25376.54
context 7936-5	A	E	CLAY	0.00	0.00	206.00	125.94	0.00	14.41	50.09	21.70	26704.17
context 7936-5	A	E	CLAY	0.00	0.00	200.49	128.27	0.00	15.75	55.70	26.03	28497.72
context 7936-5	A	E	CLAY	0.00	0.00	215.62	138.71	0.00	21.49	68.44	27.44	34854.53
context 7495-1	A	L	CLAY	0.00	0.00	204.54	113.88	0.00	38.49	87.37	45.11	27878.09
context 7495-1	A	L	CLAY	0.00	0.00	216.40	116.28	0.00	33.83	78.26	46.83	34185.64
context 7495-2	A	L	CLAY	0.00	0.00	208.10	121.11	0.00	18.24	64.08	26.34	24330.72
context 7495-2	A	L	CLAY	0.00	0.00	216.22	114.08	0.00	24.25	57.06	0.00	19384.49
context 7495-2	A	L	CLAY	0.00	0.00	187.50	133.10	0.00	16.38	77.17	37.76	36656.82
context 7495-3	A	E	CLAY	0.00	0.00	201.66	123.83	0.00	22.93	68.92	27.58	21975.69
context 7495-3	A	E	CLAY	0.00	0.00	169.90	116.75	0.00	13.86	65.83	26.90	20861.61
context 7495-4	A	E	CLAY	0.00	0.00	193.96	130.87	0.00	17.75	71.89	28.99	23718.72
context 7495-4	A	E	CLAY	0.00	0.00	210.62	129.74	0.00	13.24	63.87	22.87	20607.73

NOTE	Class	PHASE	subsoil type	Sn	Ag	Sr	Rb	Au	Pb	Zn	Cu	Fe
context 7495-5	A	E	CLAY	0.00	0.00	209.05	132.89	0.00	20.20	62.68	30.48	20483.68
context 7495-5	A	E	CLAY	0.00	0.00	219.71	126.84	0.00	22.48	65.95	21.99	23200.60
context 7495-5	A	E	CLAY	0.00	0.00	207.28	128.59	0.00	21.60	55.22	30.96	21272.73
context 7495-6	A	E	CLAY	0.00	0.00	206.58	131.33	0.00	17.31	69.13	17.90	25686.85
context 7495-6	A	E	CLAY	0.00	0.00	190.39	116.36	0.00	12.64	64.73	0.00	39023.07
context 7495-7	S		CLAY	0.00	0.00	214.63	134.44	0.00	13.60	58.54	26.57	33957.75
context 7495-7	S		CLAY	0.00	0.00	221.35	130.20	0.00	11.90	51.33	0.00	30378.97
context 7938-1	A	L	CLAY	0.00	0.00	237.93	126.39	0.00	40.49	38.37	28.49	16265.19
context 7938-1	A	L	CLAY	0.00	0.00	252.50	93.62	0.00	19.22	33.76	30.89	11428.09
context 7938-1	A	L	CLAY	0.00	0.00	273.71	118.06	0.00	37.48	51.36	41.71	23890.09
context 7938-1	A	L	CLAY	0.00	0.00	221.01	123.76	0.00	27.52	31.85	36.07	17098.73
context 7938-2	A	L	CLAY	8.25	0.00	212.17	119.97	0.00	70.69	59.75	94.24	19668.94
context 7938-2	A	L	CLAY	40.01	0.00	213.83	104.22	0.00	144.43	44.30	63.60	13727.91
context 7938-2	A	L	CLAY	55.91	34.38	166.92	118.47	0.00	314.42	113.91	307.25	38836.20
context 7938-2	A	L	CLAY	34.66	13.80	151.96	95.58	0.00	705.08	91.07	556.30	66871.43
context 7938-3	A	E	CLAY	0.00	0.00	161.74	118.81	0.00	51.56	75.36	93.67	38730.25
context 7938-3	A	E	CLAY	0.00	0.00	191.42	117.26	0.00	81.80	69.66	87.85	45192.29
context 7938-3	A	E	CLAY	0.00	0.00	188.45	107.91	0.00	20.59	49.33	31.21	36165.42
context 7938-4	S		CLAY	0.00	0.00	183.07	115.82	0.00	12.11	46.18	0.00	43781.52
context 7938-4	S		CLAY	0.00	0.00	175.16	113.40	0.00	8.58	48.60	20.47	50856.55
context 7938-4	S		CLAY	0.00	0.00	195.59	118.59	0.00	9.63	50.02	18.19	36019.82
context 7938-5	S		CLAY	0.00	0.00	233.99	144.25	0.00	26.27	81.56	33.05	39937.06
context 7872-1	A	L	CLAY	10.06	0.00	215.99	116.70	0.00	78.15	88.27	98.72	22635.56
context 7872-2	A	L	CLAY	15.31	0.00	217.68	119.01	0.00	108.73	89.89	121.95	31006.07
context 7872-2	A	L	CLAY	10.87	0.00	200.25	126.39	0.00	110.76	76.67	114.89	24529.61
context 7872-2	A	L	CLAY	20.79	0.00	208.45	117.11	0.00	78.94	71.40	93.76	22923.56
context 7872-2	A	L	CLAY	28.94	0.00	242.32	137.36	0.00	62.89	64.29	91.88	23403.55
context 7872-3	A	E	CLAY	0.00	0.00	191.19	138.37	0.00	28.81	77.07	34.61	29031.22

NOTE	Class	PHASE	subsoil type	Sn	Ag	Sr	Rb	Au	Pb	Zn	Cu	Fe
context 7872-3	A	E	CLAY	0.00	0.00	181.57	144.03	0.00	25.05	75.40	29.10	31415.23
context 7872-3	A	E	CLAY	0.00	0.00	190.88	132.45	0.00	14.89	75.33	14.93	31844.67
context 7872-3	A	E	CLAY	0.00	0.00	163.11	128.59	0.00	15.83	66.97	21.48	33748.33
context 7872-3	A	E	CLAY	0.00	0.00	170.22	137.74	0.00	15.33	76.56	26.55	47196.20
context 7872-3	A	E	CLAY	0.00	0.00	173.07	142.99	0.00	17.65	74.59	24.56	43210.20
context 7872-3	A	E	CLAY	0.00	0.00	162.81	134.39	0.00	14.99	68.27	31.03	51015.38
context 7872-4	S		CLAY	0.00	0.00	174.47	144.42	0.00	14.64	69.32	15.09	36448.80
context 7872-4	S		CLAY	0.00	0.00	177.13	138.95	0.00	14.19	70.71	26.23	30397.06
context 7943-1	A	L	CLAY	0.00	0.00	207.61	110.34	0.00	69.77	103.35	123.22	24855.82
context 7943-1	A	L	CLAY	0.00	0.00	269.88	114.03	0.00	77.70	96.66	135.56	37942.72
context 7943-1	A	L	CLAY	0.00	0.00	206.52	112.48	0.00	49.27	102.56	126.05	30659.92
context 7943-2	A	L	CLAY	0.00	0.00	206.96	107.18	0.00	38.52	76.86	106.09	34355.73
context 7943-2	A	L	CLAY	7.98	0.00	235.08	119.03	0.00	101.61	95.34	135.68	24363.45
context 7943-2	A	L	CLAY	0.00	0.00	193.92	129.90	0.00	36.25	80.09	79.00	23385.94
context 7943-2	A	L	CLAY	0.00	0.00	207.18	133.03	0.00	23.71	75.75	52.82	24732.03
context 7943-3	A	E	CLAY	0.00	0.00	193.85	129.57	0.00	22.92	72.67	56.07	22803.55
context 7943-3	A	E	CLAY	0.00	0.00	185.67	128.61	0.00	21.25	72.47	46.79	24936.97
context 7943-3	A	E	CLAY	0.00	0.00	174.79	135.48	0.00	20.85	77.88	53.62	24487.01
context 7943-4	A	E	CLAY	0.00	0.00	206.99	134.10	0.00	22.32	69.16	26.22	26927.00
context 7943-4	A	E	CLAY	0.00	0.00	184.80	134.35	0.00	25.35	74.84	45.59	26710.44
context 7943-4	A	E	CLAY	0.00	0.00	173.59	143.13	0.00	13.14	77.26	15.29	37077.88
context 7943-4	A	E	CLAY	0.00	0.00	168.85	133.27	0.00	11.88	71.03	19.91	31495.64
context 7943-5	S		CLAY	0.00	0.00	204.83	124.44	0.00	44.34	89.31	70.17	30963.79
context 7946-1	A	L	CLAY	0	0	205.28	111.46	0.00	62.94	91.29	65.11	25920.06
context 7946-1	A	L	CLAY	0	0	209.92	125.60	0.00	71.77	95.10	70.30	30568.76
context 7946-1	A	L	CLAY	0	0	210.37	129.01	0.00	57.44	116.24	58.74	41385.13
context 7946-1	A	L	CLAY	0	0	210.57	125.75	0.00	38.85	98.85	39.14	29924.39
context 7946-1	A	L	CLAY	0	0	217.82	129.39	0.00	71.23	96.19	64.82	71277.19

NOTE	Class	PHASE	subsoil type	Sn	Ag	Sr	Rb	Au	Pb	Zn	Cu	Fe
context 7946-2	A	L	CLAY	0	0	218.79	144.32	0.00	43.30	101.55	66.60	28456.27
context 7946-2	A	L	CLAY	0	0	202.55	132.94	0.00	33.77	80.52	48.01	37428.79
context 7946-3	A	E	CLAY	0	0	191.13	144.29	0.00	23.54	79.61	0.00	31670.13
context 7946-3	A	E	CLAY	0	0	201.09	151.73	0.00	19.86	88.47	26.25	29810.21
context 7946-3	A	E	CLAY	0	0	202.69	159.61	0.00	22.25	93.92	24.60	32301.56
context 7946-3	A	E	CLAY	0	0	203.91	138.79	0.00	18.62	69.70	20.78	32846.60
context 7946-3	A	E	CLAY	0	0	232.88	126.77	0.00	17.71	51.64	20.63	41555.76
context 7946-4	S		CLAY	0	0	241.68	133.06	0.00	16.28	57.09	15.87	32691.78
context 7946-4	S		CLAY	0	0	236.97	127.99	0.00	15.22	53.27	0.00	27934.87
context 7875-1	A	L	CLAY	12.36	0.00	196.31	95.37	0.00	141.44	90.78	104.81	24136.12
context 7875-1	A	L	CLAY	13.62	0.00	236.17	122.43	0.00	89.06	89.22	101.19	23341.64
context 7875-1	A	L	CLAY	11.91	11.78	236.19	120.61	0.00	78.62	84.95	96.25	23553.24
context 7875-2	A	L	CLAY	0.00	0.00	200.06	135.34	0.00	74.64	69.45	80.09	33566.52
context 7875-2	A	L	CLAY	10.47	0.00	290.51	108.76	0.00	33.61	50.22	49.10	18319.70
context 7875-2	A	L	CLAY	0.00	0.00	227.05	120.53	0.00	56.16	53.41	68.66	23994.40
context 7875-3	A	L	CLAY	26.65	0.00	210.30	123.38	0.00	103.14	92.95	104.79	28336.00
context 7875-4	A	E	CLAY	10.08	0.00	178.86	121.65	0.00	46.55	79.17	153.68	35249.81
context 7875-4	A	E	CLAY	82.14	0.00	182.03	123.03	0.00	27.15	76.27	90.65	28066.41
context 7875-4	A	E	CLAY	0.00	0.00	172.51	125.12	0.00	21.95	70.60	43.55	25072.68
context 7875-4	A	E	CLAY	0.00	0.00	190.02	137.93	0.00	12.82	70.64	38.12	29682.54
context 7875-4	A	E	CLAY	0.00	0.00	190.70	130.36	0.00	11.17	65.25	31.16	25584.90
context 7875-5	A	E	CLAY	0.00	0.00	185.16	121.92	0.00	23.57	72.14	63.46	33248.23
context 7875-5	A	E	CLAY	0.00	0.00	172.70	130.09	0.00	16.69	78.45	59.35	28217.80
context 14865-1	A	L		0	0	158.28	120.00	0.00	31.72	68.66	71.68	19519.76
context 14865-1	A	L		0	0	150.49	119.37	0.00	17.68	69.01	102.51	21113.27
context 14865-1	A	L		7.79	0	205.94	117.67	0.00	15.95	139.50	78.42	27620.73
context 14865-1	A	L		0	0	169.81	126.93	0.00	23.45	68.02	62.03	22743.24
context 14865-1	A	L		0	0	162.46	117.29	0.00	20.92	73.90	64.19	26320.68

NOTE	Class	PHASE	subsoil type	Sn	Ag	Sr	Rb	Au	Pb	Zn	Cu	Fe
context 14865-1	A	L		0	0	301.70	136.85	0.00	23.13	103.54	77.98	24340.00
context 14865-1	A	L		0	0	194.42	125.85	0.00	18.26	73.34	80.56	19899.40
context 14865-1	A	L		0	0	158.28	130.22	0.00	14.55	77.26	51.91	21791.76
context 14865-1	A	L		0	0	151.52	143.77	0.00	12.43	76.36	30.50	23547.34
context 14865-1	A	L		0	0	148.28	161.87	0.00	28.36	68.44	39.90	24029.20
context 14865-1	A	L		0	0	143.96	126.98	0.00	10.73	66.92	37.64	24472.99
context 14865-1	A	L		0	0	146.79	132.25	0.00	14.37	65.52	33.63	33365.56
context 14865-2	A	E		0	0	151.30	135.97	0.00	5.40	55.77	0.00	22098.37
context 14865-2	A	E		0	0	150.21	143.12	0.00	5.91	53.97	0.00	21665.42

Calibrated data continued

NOTE	Class	PHASE	subsoil type	Mn	Cr	V	Ti	Ca	K	Al	P	Si	S
context 14813-1	T		CLAY	369.45	32.22	64.91	3181.56	8915.69	16892.23	28047.03	2141.31	189206.10	571.93
context 14813-1	T		CLAY	376.79	43.56	59.79	3203.45	8412.39	16056.88	24900.60	2148.90	169320.01	517.26
context 14813-1	T		CLAY	403.11	53.43	58.84	3055.09	9143.31	15579.44	24519.12	2099.71	171823.33	509.60
context 14813-1	T		CLAY	327.94	33.96	53.30	3019.78	8462.52	15065.49	20650.43	1707.82	159127.35	460.10
context 14813-1	T		CLAY	311.98	45.84	63.63	3010.25	9959.13	16817.12	28212.30	2094.30	189948.18	514.38
context 14813-1	T		CLAY	338.87	32.63	59.41	2837.41	8297.21	15413.83	26613.70	2069.68	178738.54	523.86
context 14813-1	T		CLAY	333.90	46.24	75.54	3072.89	8675.97	17414.79	27941.59	1944.13	185451.67	509.56
context 14813-1	T		CLAY	291.01	32.93	66.84	2847.23	9190.27	15455.43	25565.69	1950.92	174793.52	451.01
context 14813-1	T		CLAY	347.29	38.96	64.13	3379.49	9251.25	16173.82	28515.87	2132.78	192567.15	502.50
context 14813-1	T		CLAY	377.66	43.43	70.61	3047.63	10107.48	15984.35	30689.71	2841.04	194250.09	572.35
context 14813-2	A	L	CLAY	288.34	58.16	57.74	3000.08	7842.56	15681.56	25644.55	2381.98	197472.73	453.76
context 14813-2	A	L	CLAY	369.89	44.59	70.05	3946.66	10193.97	19022.62	34635.11	1626.66	220107.50	409.61
context 14813-2	A	L	CLAY	348.31	51.03	86.23	3511.05	8404.01	17394.63	29086.43	1431.15	175144.04	215.06
context 14813-2	A	L	CLAY	373.17	49.61	75.40	3740.65	9199.58	18063.08	32343.38	1350.31	189984.74	201.39
context 14813-3	S		CLAY	435.01	68.45	99.49	4446.60	10352.32	23438.91	48276.79	1016.58	231808.68	200.31

NOTE	Class	PHASE	subsoil type	Mn	Cr	V	Ti	Ca	K	Al	P	Si	S
context 14813-3	S		CLAY	484.42	81.36	120.67	4419.80	7693.34	24417.61	50687.43	628.46	234491.66	269.92
context 14813-3	S		CLAY	414.67	62.53	96.82	4160.77	7887.26	23785.60	44731.17	695.32	215822.23	261.71
context 14813-3	S		CLAY	417.32	68.99	106.64	4379.41	8316.81	25126.22	49720.03	742.96	234461.88	327.04
context 14813-3	S		CLAY	530.28	77.27	126.27	4411.11	8380.80	25079.38	49117.27	699.00	223330.94	286.51
context 14813-4	S		CLAY	472.31	77.07	112.71	4467.75	8839.01	25245.19	51426.23	743.56	235998.95	401.86
context 14813-4	S		CLAY	511.30	67.32	89.18	3730.99	9731.96	20993.13	37846.77	1205.99	207500.61	317.98
context 14823-1	T		CLAY	355.20	37.53	60.55	2965.86	8419.92	15413.43	25956.20	2237.12	194951.71	512.85
context 14823-1	T		CLAY	297.90	39.24	60.82	2939.32	8165.28	14726.44	19584.30	2096.67	150090.35	440.39
context 14823-1	T		CLAY	332.89	40.89	56.08	2923.84	8032.26	16291.50	22702.26	2394.67	169192.39	515.18
context 14823-1	T		CLAY	338.97	39.65	60.87	2849.88	8261.71	14451.27	23236.85	2442.07	169902.04	494.45
context 14823-2	A	L	CLAY	247.16	28.05	41.65	2108.71	5634.79	13277.93	21603.78	3450.81	195103.02	253.12
context 14823-2	A	L	CLAY	328.86	47.68	39.27	1925.87	6242.90	16568.67	23675.79	3227.67	178109.67	139.10
context 14823-2	A	L	CLAY	485.76	38.99	54.67	2417.07	16583.28	17742.37	23446.29	6029.71	174188.57	298.18
context 14823-2	A	L	CLAY	386.96	34.73	58.94	2884.19	11910.22	15418.58	23369.03	4808.37	167809.31	138.32
context 14823-2	A	L	CLAY	291.97	45.51	67.32	2935.67	11000.77	17014.04	26926.11	4720.33	200279.85	237.71
context 14823-3	A	E	CLAY	328.15	33.92	60.17	3537.05	9852.75	17586.58	31734.10	1435.05	219566.43	168.38
context 14823-3	A	E	CLAY	395.17	49.24	71.61	3809.16	8864.88	20009.41	24588.71	1166.59	169269.71	153.16
context 14823-3	A	E	CLAY	426.30	56.10	90.98	4338.10	10833.16	21566.53	43748.74	925.33	250142.42	171.59
context 14823-3	A	E	CLAY	308.20	48.14	68.13	3388.41	7932.21	17766.31	27782.19	1541.90	186656.10	107.68
context 14823-4	S		CLAY	353.39	80.22	146.20	3869.72	6961.41	22632.54	44009.67	757.50	195291.87	273.77
context 14823-4	S		CLAY	381.78	76.27	126.42	4010.26	7713.46	21976.50	42604.88	780.26	198139.98	222.46
context 14823-4	S		CLAY	519.22	77.75	132.08	3986.72	7816.48	22057.70	44840.49	1058.68	202540.41	254.45
context 14823-4	S		CLAY	865.28	97.21	139.23	3581.17	7345.74	19957.66	35243.35	917.46	164327.09	297.20
context 14823-4	S		CLAY	475.98	74.01	121.83	3970.54	7843.61	22728.59	42580.52	870.20	197502.22	267.13
context 14819-1	T		CLAY	263.80	39.40	62.08	2875.69	7797.34	14704.43	22788.93	1930.94	166512.01	510.59
context 14819-1	T		CLAY	286.29	37.01	65.22	3191.42	8795.54	16843.03	26905.74	1597.93	186338.31	425.52
context 14819-1	T		CLAY	296.20	40.04	51.68	2597.95	7731.41	14545.02	19364.26	1985.13	145773.05	443.68
context 14819-1	T		CLAY	311.14	46.57	61.64	3212.88	9097.44	16194.90	25629.02	2160.25	173921.34	556.22
context 14819-2	A	L	CLAY	307.41	52.37	59.08	3390.08	8567.69	17262.10	31906.99	1864.93	203680.02	490.61

NOTE	Class	PHASE	subsoil type	Mn	Cr	V	Ti	Ca	K	Al	P	Si	S
context 14819-2	A	L	CLAY	380.58	43.81	68.93	3348.90	8162.16	17168.00	27382.76	937.41	179785.65	158.96
context 14819-3	S		CLAY	384.80	59.50	93.52	4547.19	9776.28	21827.34	43449.51	753.02	230092.18	194.21
context 14819-3	S		CLAY	337.35	69.97	94.71	3927.70	7424.71	21392.92	39095.66	718.86	198841.14	227.89
context 14819-4	S		CLAY	453.49	61.97	95.39	3663.40	8027.69	19792.12	30487.29	1029.87	182672.39	311.28
context 14819-4	S		CLAY	402.87	68.54	101.95	3772.67	7761.88	21030.69	30736.22	959.66	176535.34	228.16
context 14819-4	S		CLAY	694.50	74.08	121.17	3706.92	7731.14	21267.96	35899.65	705.91	182445.56	296.54
context 14819-4	S		CLAY	493.56	72.20	90.30	3893.26	9379.80	21022.85	37999.83	1013.59	200571.98	357.88
context 14825-1	T		CLAY	249.48	38.07	61.48	2734.46	7746.04	14147.53	15495.76	1632.49	131904.24	442.63
context 14825-1	T		CLAY	300.84	41.41	62.63	2822.48	8117.82	14001.19	22367.99	2185.02	164085.16	622.66
context 14825-1	T		CLAY	394.87	41.73	71.37	2963.06	7962.56	13906.93	23234.73	2074.60	166514.78	597.01
context 14825-2	A	L	CLAY	362.35	47.52	77.41	2265.46	11015.78	12467.79	18205.17	4312.19	114195.69	2395.06
context 14825-2	A	L	CLAY	211.71	61.72	100.87	1256.08	10022.48	8323.58	14032.41	8893.10	64049.50	3003.90
context 14825-2	A	L	CLAY	175.82	65.80	95.57	1803.44	8925.85	10985.37	18458.49	5773.01	105372.24	1898.32
context 14825-2	A	L	CLAY	342.45	57.55	74.63	2849.00	9531.43	15309.78	23183.41	2099.36	148070.59	459.39
context 14825-2	A	L	CLAY	462.34	51.03	83.53	2603.19	9435.08	14920.91	19981.02	1719.70	135047.82	384.79
context 14825-2	A	L	CLAY	360.08	47.00	78.87	2878.40	10124.03	16267.76	24860.28	1682.30	170758.74	282.28
context 14825-2	A	L	CLAY	615.78	67.24	100.88	2529.16	12045.52	15329.61	23337.56	2259.67	136675.74	633.22
context 14825-3	S		CLAY	1024.29	77.55	123.27	3876.82	8029.07	21577.71	37651.37	916.71	191348.64	365.61
context 14825-3	S		CLAY	650.03	68.19	145.59	4190.10	7958.39	23326.62	44966.09	831.49	213692.38	294.92
context 14825-3	S		CLAY	765.89	72.77	123.68	4118.26	8196.40	23283.90	44349.86	825.84	213808.18	348.44
context 14825-3	S		CLAY	434.92	66.12	114.77	4226.01	8385.89	23843.48	39463.14	899.15	199519.43	362.57
context 14825-3	S		CLAY	1113.63	94.34	147.93	3925.34	8000.42	21446.97	37319.72	1137.27	188421.50	435.85
context 14825-3	S		CLAY	591.32	69.39	106.87	4068.18	8571.47	23044.45	39695.30	817.54	202683.78	301.21
context 14821-1	T		CLAY	282.95	32.93	55.86	2943.58	8149.50	14444.93	21365.24	2008.39	157860.04	496.76
context 14821-1	T		CLAY	255.68	34.23	54.57	2667.82	7897.64	14247.98	18362.91	2085.14	137290.53	450.63
context 14821-1	T		CLAY	420.72	35.46	56.84	2922.60	7944.12	13479.80	22493.88	2744.18	161659.16	565.44
context 14821-2	A	L	CLAY	316.12	35.95	50.22	3383.08	9161.80	15861.34	15483.32	1119.40	146606.45	85.74
context 14821-2	A	L	CLAY	365.46	53.81	91.87	4160.09	8912.87	20419.51	31914.63	800.79	200107.95	147.52

NOTE	Class	PHASE	subsoil type	Mn	Cr	V	Ti	Ca	K	Al	P	Si	S
context 14821-2	A	L	CLAY	407.48	57.08	92.40	4184.53	8736.67	21109.33	41639.10	574.64	224089.18	129.12
context 14821-2	A	L	CLAY	382.94	53.51	88.34	3788.43	7506.22	18170.38	30726.19	1066.05	184880.62	73.14
context 14821-3	S		CLAY	367.93	70.29	94.30	3944.10	7086.65	21827.19	42359.23	827.22	209927.50	335.99
context 14821-3	S		CLAY	380.46	75.03	128.82	3672.54	8053.54	20195.31	37066.42	1052.30	196807.02	367.87
context 14821-3	S		CLAY	342.53	60.61	95.62	3930.83	6802.14	22292.21	44157.20	575.45	213096.05	257.38
context 14821-3	S		CLAY	463.26	55.36	100.06	4235.30	7874.82	24615.91	44799.15	455.93	216774.52	270.04
context 14827-1	T		CLAY	292.14	45.01	73.33	3457.68	8648.10	16181.23	25959.12	2293.02	177091.84	498.07
context 14827-1	T		CLAY	355.15	48.37	64.07	3214.62	9477.52	16013.76	27053.75	1975.31	187488.56	461.91
context 14827-1	T		CLAY	279.15	34.77	60.26	2984.89	7302.34	13456.29	20746.54	2082.90	155108.14	418.42
context 14827-2	S		CLAY	341.77	45.03	70.86	3926.24	10618.93	20824.44	40550.69	1468.35	259625.68	240.09
context 14827-2	S		CLAY	331.26	38.32	51.51	3202.99	9681.66	17921.65	33268.31	2129.00	235909.58	75.25
context 14827-3	S		CLAY	384.14	68.02	91.95	3978.09	9332.16	20055.64	34117.86	1276.12	199488.11	108.69
context 14807-1	T		CLAY	315.30	45.17	64.62	2914.54	7861.02	14698.75	21696.53	2073.00	158140.74	382.96
context 14807-1	T		CLAY	287.67	32.41	58.57	2895.87	8148.11	15456.50	21961.71	1959.90	158705.10	485.97
context 14807-1	T		CLAY	399.90	58.07	62.28	3530.37	7967.97	19539.90	27408.63	4941.93	178379.63	554.83
context 14807-2	A	L	CLAY	332.22	34.96	52.50	2931.10	9240.39	17188.08	28528.39	2074.84	204579.74	258.23
context 14807-2	A	L	CLAY	299.59	47.43	63.72	3188.47	9606.62	16647.76	28346.27	2223.63	202234.40	331.18
context 14807-2	A	L	CLAY	303.32	43.56	60.25	3312.40	10422.95	16972.65	32199.43	2327.63	210421.85	333.42
context 14807-2	A	L	CLAY	448.42	44.20	71.58	3882.06	11393.02	20385.03	51562.00	2573.31	291212.77	329.97
context 14807-3	A	E	CLAY	352.66	56.60	93.78	3552.69	8330.09	18766.83	31895.49	1128.57	188674.61	226.49
context 14807-3	A	E	CLAY	369.04	42.17	70.24	3595.78	9943.58	18803.97	36981.29	1032.20	235890.05	187.10
context 14807-3	A	E	CLAY	418.56	62.38	90.90	3952.94	8385.91	20320.08	43050.13	845.03	211751.46	261.89
context 14807-4	S		CLAY	369.57	72.58	104.27	3927.27	7906.77	22477.49	44097.42	717.21	209363.44	258.13
context 14807-4	S		CLAY	370.35	68.55	103.46	4230.04	7792.14	24202.84	47505.98	533.87	217139.77	314.60
context 14829-1	T		CLAY	314.90	43.78	84.40	3065.60	8664.48	14744.78	25767.17	2228.91	177173.38	647.04
context 14829-1	T		CLAY	354.41	48.68	70.56	3509.18	9216.82	15568.69	24246.38	2035.62	171849.93	493.84
context 14829-1	T		CLAY	188.28	59.53	85.75	2742.68	5755.80	14746.42	24560.04	1115.76	148462.63	392.56
context 14829-2	S		CLAY	427.17	40.62	69.74	4311.81	11217.38	19958.51	35562.48	1103.97	250375.50	135.56

NOTE	Class	PHASE	subsoil type	Mn	Cr	V	Ti	Ca	K	Al	P	Si	S
context 14829-2	S		CLAY	399.93	52.44	85.40	4397.89	9916.56	20502.38	41312.56	1023.33	241213.84	145.76
context 14829-2	S		CLAY	427.86	56.73	89.65	4410.38	9064.60	21509.63	41390.64	662.74	219534.19	129.67
context 14829-2	S		CLAY	433.29	61.76	105.22	4214.55	8777.18	20566.90	39002.83	782.19	209036.74	146.48
context 14815-1	T		CLAY	335.70	47.36	64.48	3295.49	9363.68	16326.07	27005.47	1960.52	179102.45	508.66
context 14815-1	T		CLAY	361.52	34.94	57.59	2899.41	8385.66	14908.50	21967.43	2115.64	158817.86	396.16
context 14815-1	T		CLAY	326.98	59.92	83.15	2924.47	9661.25	16469.53	24178.85	2174.77	154556.74	413.89
context 14815-2	A	L	CLAY	290.18	43.83	69.92	2845.52	8869.96	17148.35	22271.24	1586.42	152279.55	224.32
context 14815-2	A	L	CLAY	538.60	59.75	105.01	3483.34	10388.67	19581.64	39498.72	1102.20	208897.39	442.10
context 14815-2	A	L	CLAY	362.56	60.51	88.88	3884.80	9593.41	20973.43	41658.67	1194.00	215385.92	284.67
context 14815-2	A	L	CLAY	390.99	69.95	110.26	3618.71	8238.71	20696.58	40321.09	958.15	190970.44	409.32
context 14815-3	S		CLAY	462.74	66.20	99.17	4446.99	9312.16	22841.90	46021.28	991.96	247659.22	178.25
context 14815-3	S		CLAY	454.92	69.86	110.84	3812.46	7519.39	22348.47	39771.58	665.33	187036.42	222.41
context 14815-3	S		CLAY	466.08	70.84	109.39	4323.89	8002.25	24208.01	44345.73	657.74	207606.24	234.92
context 14815-3	S		CLAY	484.62	75.61	107.01	4258.06	8336.17	24637.17	46181.97	595.76	213573.82	258.83
context 14815-3	S		CLAY	427.35	78.62	128.13	4267.14	8415.61	24761.94	46741.23	533.04	220480.81	206.66
context 14809-1	T		CLAY	262.47	40.87	68.93	3066.14	7896.39	14774.46	24047.39	2064.26	173308.46	602.71
context 14809-1	T		CLAY	438.50	142.86	119.92	4054.78	10145.38	16822.28	31299.48	2526.97	173389.31	607.55
context 14809-1	T		CLAY	236.04	75.01	79.31	3349.96	9754.22	15009.17	25667.42	2493.06	162548.53	708.19
context 14809-2	A	L	CLAY	357.26	39.93	58.72	3755.53	11310.46	19928.79	37008.37	1187.79	252536.93	133.72
context 14809-2	A	L	CLAY	323.16	51.05	71.80	3338.36	9587.23	18234.57	31132.66	1319.82	206953.17	128.68
context 14809-2	A	L	CLAY	326.80	47.03	64.38	3747.01	11171.55	18570.44	36028.78	1496.94	240520.07	140.80
context 14809-2	A	L	CLAY	320.92	58.73	89.65	3897.78	8670.55	19833.74	37324.33	758.71	209531.77	165.65
context 14809-3	S		CLAY	382.45	68.33	102.72	4091.57	7112.63	23177.51	45611.50	516.23	214177.00	215.85
context 14809-3	S		CLAY	365.44	71.23	121.92	4366.94	7617.73	23715.00	43249.75	502.57	214616.33	282.55
context 14809-3	S		CLAY	455.80	61.32	107.47	4254.34	7616.06	23573.14	42096.82	398.75	206416.91	196.32
context 14817-1	T		CLAY	304.66	38.30	57.50	2811.13	7703.55	14577.48	22699.76	1670.43	161896.10	388.78
context 14817-1	T		CLAY	301.97	47.65	68.71	3314.12	9145.44	17258.90	31590.13	1814.39	202646.30	490.98
context 14817-2	S		CLAY	377.30	66.20	90.61	4004.33	7572.70	21585.29	38907.76	756.75	194563.49	161.19

NOTE	Class	PHASE	subsoil type	Mn	Cr	V	Ti	Ca	K	Al	P	Si	S
context 14817-2	S		CLAY	387.67	70.18	113.82	4222.80	7262.94	24077.70	44073.59	402.75	204644.57	226.50
context 14817-1	T		CLAY	479.03	55.55	60.33	3276.70	7710.79	17261.87	23404.04	7491.00	166674.63	725.95
context 14817-1	T		CLAY	341.81	39.07	56.84	2966.57	7908.46	16792.39	26745.53	1757.51	178609.82	385.42
context 14817-2	S		CLAY	325.82	72.02	98.99	4208.88	8477.55	20606.80	39417.44	733.74	206940.74	207.32
context 14817-2	S		CLAY	387.19	50.69	81.99	4020.07	9625.59	20296.82	40031.03	657.38	240217.33	121.02
context 14872-1	A	L	CLAY	406.24	46.00	70.93	2999.59	9545.21	17125.45	28272.77	2344.43	183209.64	240.10
context 14872-1	A	L	CLAY	651.46	43.92	65.91	3045.67	9014.88	15698.71	25002.37	2482.97	167204.66	347.81
context 14872-1	A	L	CLAY	384.29	39.44	64.79	2849.54	8088.20	16973.89	24687.62	2309.45	162187.84	176.81
context 14872-1	A	L	CLAY	430.19	44.81	80.80	3046.78	8273.11	16769.86	27658.75	2648.19	167179.26	273.03
context 14872-1	A	L	CLAY	385.50	59.63	91.00	3013.12	7799.07	16762.20	25946.89	3733.05	152440.67	355.13
context 14872-1	A	L	CLAY	312.24	47.08	88.60	3027.12	6653.16	16028.77	23101.89	2424.44	138559.82	304.93
context 14872-1	A	L	CLAY	336.79	55.17	83.12	3081.69	7023.22	16733.01	26476.75	2158.26	153484.44	286.65
context 14872-2	A	E	CLAY	310.62	53.42	83.58	3173.24	6959.78	17431.33	25782.79	1609.41	154489.49	278.78
context 14872-2	A	E	CLAY	294.53	61.20	104.89	3424.41	6517.68	17741.48	31292.70	1812.85	168642.87	289.90
context 14872-2	A	E	CLAY	311.39	69.78	126.62	3418.14	6717.32	18424.99	32255.39	2126.84	162403.58	452.67
context 14872-2	A	E	CLAY	340.03	83.36	120.95	3451.88	6375.35	19037.07	35970.80	1821.14	166534.73	544.19
context 14872-2	A	E	CLAY	270.58	88.61	146.01	3654.51	6557.82	19394.12	36060.81	1305.92	170622.38	522.22
context 14872-2	A	E	CLAY	323.57	82.45	128.69	3139.13	5524.63	17260.17	25951.02	1060.23	129809.56	480.06
context 14872-2	A	E	CLAY	386.11	58.44	94.79	3951.30	6664.67	21373.47	36325.92	1026.71	182055.46	218.91
context 14875-1	A	L	CLAY	342.87	25.11	47.81	2787.50	10717.98	18067.00	29795.03	2880.53	218363.26	155.39
context 14875-2	A	E	CLAY	262.53	24.82	40.51	3027.34	10408.31	18399.75	30513.39	2028.80	230169.07	59.21
context 14875-2	A	E	CLAY	367.44	34.56	55.44	3289.51	10680.72	18228.53	30349.93	3724.08	221513.44	140.37
context 14875-2	A	E	CLAY	390.01	22.99	52.91	3521.90	11332.38	19141.63	33371.58	1629.30	251374.57	67.08
context 14875-2	A	E	CLAY	374.93	32.49	47.60	3584.82	11582.21	19999.86	35904.91	1708.96	265031.86	66.59
context 14875-2	A	E	CLAY	350.70	42.36	68.55	3833.38	10685.67	19486.52	36452.76	1763.33	242186.80	87.56
context 14875-2	A	E	CLAY	333.11	27.68	53.21	3500.09	11984.10	20286.20	37131.03	1551.25	270012.23	97.76
context 14875-2	A	E	CLAY	383.68	36.68	58.20	3681.51	11635.11	19925.25	34507.19	1317.69	245859.86	77.50
context 14875-3	S		CLAY	367.81	35.96	60.18	3713.27	10390.11	18915.15	35171.52	1693.39	231217.39	108.40

NOTE	Class	PHASE	subsoil type	Mn	Cr	V	Ti	Ca	K	Al	P	Si	S
context 14875-3	S		CLAY	353.74	49.67	71.35	3157.13	7761.63	16101.28	24462.44	1661.34	154834.91	131.25
context 14875-3	S		CLAY	386.93	57.17	79.50	3674.13	9306.94	19193.75	32587.55	1494.73	195805.09	171.04
context 14875-3	S		CLAY	370.21	48.52	79.13	3632.46	8809.77	18413.28	34045.01	1568.65	197220.73	207.96
context 14875-3	S		CLAY	359.63	71.38	98.07	3746.79	8847.39	18971.09	36631.69	2003.53	197248.55	330.91
context 14871-1	A	L	CLAY	416.61	37.48	53.23	3032.13	11285.92	17293.70	31265.97	3015.58	202658.30	686.75
context 14871-1	A	L	CLAY	433.99	57.42	72.17	3408.61	12010.53	18329.92	32511.40	3410.62	206036.45	591.60
context 14871-1	A	L	CLAY	391.68	45.67	70.03	3286.78	11082.84	16230.20	27327.96	3515.25	167586.44	559.83
context 14871-1	A	L	CLAY	399.86	37.92	57.56	3468.94	9983.48	17474.57	31460.87	2386.87	201017.08	482.73
context 14871-1	A	L	CLAY	383.10	51.42	79.38	3717.12	8921.34	19369.31	31392.95	2120.68	188277.91	495.45
context 14871-1	A	L	CLAY	294.00	45.42	74.67	3321.75	8616.82	17683.67	28312.42	2704.47	185732.80	500.50
context 14871-1	A	L	CLAY	382.49	54.13	102.95	3614.17	8850.39	18609.92	33555.20	2302.40	184829.89	524.48
context 14871-1	A	L	CLAY	360.52	58.60	107.72	3606.64	8010.32	18777.67	32925.03	1869.63	175032.69	522.47
context 14871-2	S		CLAY	327.24	101.92	91.54	3506.46	7956.63	18487.85	32062.51	1565.13	183494.32	434.10
context 14871-2	S		CLAY	382.31	62.84	95.58	3628.25	6966.13	19828.93	31110.96	1110.77	166062.16	396.76
context 14871-2	S		CLAY	385.04	76.57	117.14	4064.65	7395.34	21826.63	38380.74	790.36	187133.18	431.18
context 14871-2	S		CLAY	373.35	72.91	122.29	3655.63	6782.01	19856.03	33897.67	861.12	171931.82	512.59
context 14871-2	S		CLAY	505.41	86.40	140.03	4013.05	7345.76	22222.59	45240.52	1011.58	202659.09	575.42
context 14869-1	A	L	CLAY	668.28	41.08	60.31	2939.79	11814.99	15457.02	21470.73	3548.73	146444.94	416.17
context 14869-1	A	L	CLAY	761.24	42.09	64.50	2934.38	12940.04	15064.63	25343.79	3607.12	161995.14	531.56
context 14869-1	A	L	CLAY	728.58	42.71	65.15	3235.32	15833.52	16118.98	28219.71	4710.24	177080.13	535.98
context 14869-1	A	L	CLAY	504.03	40.67	63.11	3051.30	11673.14	16528.85	28093.17	3490.65	178674.66	743.36
context 14869-2	A	E	CLAY	436.14	42.96	54.53	3024.78	9842.57	16373.45	24975.36	2724.39	167439.73	412.69
context 14869-2	A	E	CLAY	429.71	55.01	80.66	3085.11	8033.09	16873.55	26953.79	2547.20	159546.53	439.36
context 14869-2	A	E	CLAY	346.95	61.27	86.40	3116.88	6931.53	16673.11	24405.47	2358.36	136906.36	481.79
context 14869-3	S		CLAY	393.17	67.02	110.39	3206.48	6169.23	17644.82	27994.94	1765.42	142231.33	472.72
context 14869-3	S		CLAY	354.72	80.21	140.05	3840.87	7154.15	20302.42	37977.49	1990.68	182765.92	640.38
context 14869-3	S		CLAY	319.54	75.26	125.32	4076.32	7376.84	21660.28	40855.52	1423.60	195760.40	578.76
context 14869-3	S		CLAY	379.20	73.43	123.55	3812.61	7414.15	20999.01	41171.28	1187.16	195087.81	518.51

NOTE	Class	PHASE	subsoil type	Mn	Cr	V	Ti	Ca	K	Al	P	Si	S
context 14869-3	S		CLAY	512.27	69.41	113.34	3775.46	6989.35	20218.21	31932.14	963.68	168057.22	457.99
context 14869-3	S		CLAY	550.54	75.62	110.64	3736.58	7214.54	21099.47	40792.87	935.94	194953.93	424.84
context 13866-1	T	Harbour		430.79	46.04	69.93	3220.13	9761.19	18140.22	25938.18	1378.73	168982.14	563.74
context 13866-1	T	Harbour		390.82	54.32	72.81	3189.03	11473.12	18145.44	26659.90	1655.90	169358.81	612.90
context 13866-1	T	Harbour		398.59	64.34	73.19	3459.65	10444.86	18654.86	31326.72	1567.55	200401.52	580.39
context 13866-1	T	Harbour		367.59	48.64	72.34	3265.05	10068.16	17894.40	28889.54	1400.65	183970.59	641.48
context 13866-1	T	Harbour		470.31	43.50	67.81	3318.69	10454.71	18257.09	27488.71	1371.62	174025.13	569.32
context 13866-1	T	Harbour		430.57	46.88	67.69	3233.27	9635.48	16265.20	24063.48	1480.65	163446.09	471.03
context 13866-1	T	Harbour		424.25	51.45	72.30	3464.85	10856.24	19170.77	31871.85	1496.49	195874.09	578.04
context 13866-1	T	Harbour		331.93	34.29	56.48	3039.84	10081.44	18466.84	28152.73	2294.93	190713.29	1410.26
context 13866-1	T	Harbour		322.28	42.22	64.56	2871.04	10116.43	16560.05	24639.23	1746.62	175839.11	978.01
context 13866-1	T	Harbour		407.95	37.94	52.73	3198.53	9764.77	18570.61	27212.60	1944.87	192116.58	947.22
context 13866-2	A	Harbour		540.30	64.73	98.15	3857.37	10521.97	22613.81	40955.46	1197.96	210614.87	567.91
context 13866-2	A	Harbour		617.47	58.87	98.19	3864.28	10394.70	24262.88	40909.19	889.04	196965.77	673.81
context 13866-2	A	Harbour		601.99	62.34	81.07	3382.94	8945.44	21428.92	24255.60	980.04	141138.79	371.11
context 13866-2	A	Harbour		643.66	66.57	92.42	3633.78	9929.60	23168.48	37176.52	5768.70	182066.89	731.47
context 13866-2	A	Harbour		570.90	61.50	82.97	3728.33	13224.29	20541.80	29631.58	1972.69	171420.38	604.51
context 13866-2	A	Harbour		588.72	68.08	99.70	3910.25	11300.73	24332.05	41832.52	812.38	202431.66	579.96
context 13866-3	S	Harbour		536.36	74.28	114.39	4148.35	9815.64	22282.61	45458.45	963.42	217371.96	482.83
context 13866-3	S	Harbour		466.29	70.55	106.71	4256.56	8990.27	22355.81	41714.30	809.31	205447.81	363.80
context 13866-3	S	Harbour		424.29	55.62	89.94	3707.31	9312.28	20385.39	36315.28	943.83	198513.18	490.62
context 13866-3	S	Harbour		499.43	64.40	103.64	4173.12	9500.63	21091.77	41657.80	851.74	206473.96	375.77
context 13866-3	S	Harbour		423.57	53.43	61.71	3012.12	10200.40	17129.07	27807.69	1624.39	178602.67	1078.27
context 13866-3	S	Harbour		562.74	59.98	97.58	3902.74	11598.93	21457.85	37968.12	1402.25	203593.37	947.69
context 13866-3	S	Harbour		675.75	74.78	116.09	3508.13	8347.54	19415.58	28409.71	798.50	154830.16	431.71
context 13866-3	S	Harbour		473.29	62.83	107.67	4216.75	8550.31	23042.55	41889.25	601.64	205280.82	439.05
context 13867-1	T	Harbour		387.24	41.32	59.96	2964.30	9269.81	17113.38	25116.68	1521.56	168805.50	438.06
context 13867-2	A	Harbour		374.82	41.94	75.23	3129.68	10080.10	17432.98	30729.69	1573.93	199096.20	508.56

NOTE	Class	PHASE	subsoil type	Mn	Cr	V	Ti	Ca	K	Al	P	Si	S
context 13867-2	A	Harbour		376.27	47.00	64.13	3191.29	10285.70	17491.57	28948.60	1923.91	194469.79	513.16
context 13867-2	A	Harbour		461.54	30.80	70.81	3214.03	9394.52	17896.51	28245.22	1543.65	185822.45	469.94
context 13867-2	A	Harbour		557.17	55.86	83.30	3664.59	11878.99	20529.82	35831.55	1882.30	208986.19	552.67
context 13867-2	A	Harbour		398.84	50.49	65.38	3299.41	9919.84	19542.99	29518.67	1565.72	191033.89	455.03
context 13867-2	A	Harbour		496.60	58.86	87.43	3758.60	10276.29	21016.05	34185.47	1263.21	198955.15	460.91
context 13867-2	A	Harbour		456.51	47.80	75.72	3398.62	10335.31	19294.93	31743.09	1420.97	188323.65	510.21
context 13867-3	S	Harbour		520.53	49.00	85.11	3612.11	9914.51	21471.61	32553.72	1206.27	180988.55	535.87
context 13867-3	S	Harbour		456.54	64.32	90.03	3700.85	10441.15	21712.23	35386.17	971.79	190409.75	407.56
context 13867-3	S	Harbour		429.72	55.93	78.77	3571.06	10585.28	21463.01	32917.54	886.05	182659.71	552.09
context 13867-3	S	Harbour		439.15	74.55	93.62	3890.54	10177.92	22862.60	36452.89	1091.38	195970.24	397.57
context 13867-3	S	Harbour		441.43	109.17	95.19	3828.31	10699.81	20284.76	33577.08	1323.72	187433.77	609.10
context 7936-1	A	L	CLAY	2105.54	80.65	148.32	2204.23	12128.51	13256.90	20518.26	4054.88	106736.09	330.75
context 7936-1	A	L	CLAY	576.19	83.92	115.63	3664.19	11648.54	20211.19	39090.67	1488.13	205411.49	337.91
context 7936-1	A	L	CLAY	1645.49	95.31	169.44	2620.15	12738.95	14049.44	13111.33	2058.10	80834.36	302.88
context 7936-1	A	L	CLAY	434.65	64.00	79.36	3964.09	10990.60	20586.67	31869.85	852.89	179360.11	264.57
context 7936-2	A	L	CLAY	337.88	70.07	81.33	4334.23	10620.64	24064.15	48679.70	542.67	239383.39	281.75
context 7936-3	A	L	CLAY	459.93	70.92	99.48	4617.09	10372.44	25323.64	48638.35	533.55	249785.76	289.95
context 7936-3	A	L	CLAY	353.09	56.96	87.71	4534.89	9662.55	24454.18	42561.23	364.43	218520.12	163.86
context 7936-3	A	L	CLAY	438.07	73.27	103.14	4495.62	9820.60	25127.56	51829.70	573.85	249870.66	284.52
context 7936-4	A	E	CLAY	440.30	72.70	101.53	4447.91	9620.39	24210.76	46742.84	432.41	231411.85	355.20
context 7936-4	A	E	CLAY	313.72	71.09	87.01	4568.93	9999.71	24098.05	47237.13	518.98	234607.36	424.37
context 7936-5	A	E	CLAY	457.97	61.81	93.93	4481.62	11158.88	24798.96	51222.60	478.13	256843.17	238.44
context 7936-5	A	E	CLAY	495.12	66.06	79.12	4513.38	11495.49	24178.88	47592.74	466.60	257869.14	182.46
context 7936-5	A	E	CLAY	484.90	80.33	94.12	5092.11	12214.53	26253.11	52492.75	569.11	278644.10	188.48
context 7936-5	A	E	CLAY	436.12	66.95	90.79	4648.20	11442.61	25626.31	47463.68	420.67	244756.13	170.16
context 7936-5	A	E	CLAY	611.20	73.15	106.56	5138.33	12369.90	27543.88	57811.45	644.43	271451.01	235.91
context 7495-1	A	L	CLAY	431.14	62.43	97.97	4320.97	13366.35	21119.54	25177.15	1331.08	160655.15	229.79
context 7495-1	A	L	CLAY	624.65	74.48	117.23	4776.58	14150.07	23554.07	46285.53	1689.18	249518.34	234.06

NOTE	Class	PHASE	subsoil type	Mn	Cr	V	Ti	Ca	K	Al	P	Si	S
context 7495-2	A	L	CLAY	333.43	54.80	83.06	4150.05	11003.72	21218.16	32787.89	1036.18	201363.16	144.88
context 7495-2	A	L	CLAY	341.16	48.29	49.84	3348.74	10298.21	20320.72	35499.24	700.45	225327.02	181.01
context 7495-2	A	L	CLAY	826.14	65.02	102.86	4277.34	10469.26	19929.50	25835.96	1158.69	161714.82	298.94
context 7495-3	A	E	CLAY	424.17	60.40	72.81	3627.99	10899.98	19587.40	42160.52	1043.04	228174.45	153.99
context 7495-3	A	E	CLAY	344.04	59.80	68.47	3791.65	9181.53	19013.27	29909.46	525.00	183599.51	116.90
context 7495-4	A	E	CLAY	659.18	52.95	87.26	4208.75	10032.67	21719.33	43141.57	603.44	230508.35	175.61
context 7495-4	A	E	CLAY	408.59	65.83	82.80	4334.16	11345.20	21562.14	34369.71	803.79	213753.39	168.60
context 7495-5	A	E	CLAY	381.45	63.00	71.46	3982.73	10246.42	22303.91	43030.51	706.48	226234.94	209.95
context 7495-5	A	E	CLAY	448.71	69.25	92.79	4391.92	13422.54	24019.19	49674.32	1572.89	251552.30	244.12
context 7495-5	A	E	CLAY	366.35	61.09	83.76	3877.80	12229.35	21863.58	48952.65	1395.71	247273.77	179.37
context 7495-6	A	E	CLAY	526.33	76.14	77.65	4705.41	11481.62	25843.15	48409.26	703.14	246903.02	123.15
context 7495-6	A	E	CLAY	780.08	65.76	110.03	4485.20	10873.21	23350.91	42950.97	1013.48	222891.45	151.86
context 7495-7	S		CLAY	624.73	83.61	104.94	5074.84	12593.48	27841.56	63082.82	688.62	284561.03	195.47
context 7495-7	S		CLAY	591.07	88.36	104.56	5061.47	12394.26	27904.25	55914.09	801.63	280754.63	112.97
context 7938-1	A	L	CLAY	174.66	33.99	23.11	2299.07	9170.12	19331.27	35321.40	964.43	268911.15	162.40
context 7938-1	A	L	CLAY	165.96	37.22	26.86	2292.32	8566.46	18323.67	32551.76	573.16	223285.51	45.62
context 7938-1	A	L	CLAY	271.09	34.08	47.61	2456.11	9986.78	20200.28	44395.90	838.61	261030.16	152.18
context 7938-1	A	L	CLAY	218.92	33.66	47.38	2635.97	10164.07	21962.01	41737.44	927.17	284035.07	271.76
context 7938-2	A	L	CLAY	260.15	47.53	52.48	3259.46	9786.37	20354.81	34007.54	867.12	222395.22	223.81
context 7938-2	A	L	CLAY	185.82	46.39	50.31	2759.28	48975.61	16807.88	30534.42	11556.05	202360.08	217.90
context 7938-2	A	L	CLAY	328.29	84.91	120.90	3838.93	12388.90	20511.38	47140.02	1930.74	200571.87	637.48
context 7938-2	A	L	CLAY	316.38	95.90	140.88	3242.61	9773.41	17525.02	38889.20	2480.75	164743.08	873.44
context 7938-3	A	E	CLAY	322.69	73.27	114.62	4024.71	11534.14	22325.92	45756.36	2685.17	198931.91	401.85
context 7938-3	A	E	CLAY	564.51	93.43	130.52	4030.02	16128.53	23316.03	36071.75	2838.54	172114.39	405.87
context 7938-3	A	E	CLAY	584.34	62.33	104.47	4002.52	11655.48	23077.31	47036.77	1371.45	246149.83	194.67
context 7938-4	S		CLAY	562.32	69.24	112.40	4201.88	10946.34	22583.59	41703.47	1126.95	216490.05	162.19
context 7938-4	S		CLAY	564.02	69.28	131.95	4225.86	11107.33	23295.27	45582.40	1256.10	225006.41	200.13
context 7938-4	S		CLAY	586.52	60.84	106.82	4170.04	12155.18	23888.78	44633.09	1207.18	245833.40	162.35

NOTE	Class	PHASE	subsoil type	Mn	Cr	V	Ti	Ca	K	Al	P	Si	S
context 7938-5	S		CLAY	653.31	82.33	132.38	5707.22	14199.62	30749.02	34102.81	749.17	173588.48	192.70
context 7872-1	A	L	CLAY	385.89	68.99	74.15	3940.74	12636.30	21061.11	40467.23	1236.63	228421.83	229.95
context 7872-2	A	L	CLAY	466.22	51.32	66.72	3342.02	10971.90	17989.07	31850.36	953.08	183458.00	145.94
context 7872-2	A	L	CLAY	402.60	51.72	79.36	3224.97	12943.89	17462.67	33525.02	1762.54	181792.75	288.76
context 7872-2	A	L	CLAY	285.38	54.90	78.43	3485.59	11551.04	19078.36	38727.71	1137.29	209152.17	259.84
context 7872-2	A	L	CLAY	403.48	68.89	91.14	3867.61	14395.31	23907.12	45473.49	1616.60	218303.74	308.95
context 7872-3	A	E	CLAY	444.21	67.20	113.11	4776.58	10383.86	26258.94	46901.31	604.86	225756.01	195.49
context 7872-3	A	E	CLAY	504.86	47.61	74.67	3325.30	7196.45	19035.23	52160.32	921.74	238248.96	218.49
context 7872-3	A	E	CLAY	503.17	64.97	109.05	4723.87	10179.77	25654.85	51404.99	664.09	243484.52	215.82
context 7872-3	A	E	CLAY	416.73	68.04	108.74	4511.90	9079.24	24596.26	52658.34	704.11	238386.70	188.89
context 7872-3	A	E	CLAY	544.85	79.05	127.72	4655.77	9169.50	25571.68	47228.60	793.25	209874.67	239.34
context 7872-3	A	E	CLAY	546.89	80.00	121.30	4389.79	8914.57	25167.50	23800.28	613.81	122816.66	157.03
context 7872-3	A	E	CLAY	677.35	81.16	135.95	4270.99	8723.32	24956.26	53877.00	1365.36	229174.68	316.12
context 7872-4	S		CLAY	526.77	61.33	111.66	4100.13	8169.06	23681.81	41183.47	525.63	192239.23	290.16
context 7872-4	S		CLAY	472.69	70.38	113.88	5026.33	10034.71	27529.53	37651.96	467.04	183324.81	229.07
context 7943-1	A	L	CLAY	333.31	58.38	82.39	3881.09	11314.30	19593.62	36523.33	1017.26	207049.77	240.98
context 7943-1	A	L	CLAY	364.74	54.13	87.67	3580.79	12131.19	20261.48	36488.47	1723.74	196543.81	303.33
context 7943-1	A	L	CLAY	423.98	57.92	87.32	3944.79	11145.76	19025.78	39713.56	1778.27	215351.31	359.71
context 7943-2	A	L	CLAY	406.24	57.65	92.38	3465.07	10619.90	19417.58	30723.11	1431.22	176232.30	236.15
context 7943-2	A	L	CLAY	433.35	62.90	86.65	3816.02	14354.46	20247.71	29127.20	1780.72	176501.64	249.05
context 7943-2	A	L	CLAY	381.12	54.89	90.55	4081.22	11072.46	21997.48	44455.26	969.56	229395.72	250.44
context 7943-2	A	L	CLAY	325.99	54.54	82.85	3934.93	10416.66	20153.40	36776.22	707.37	205783.84	217.91
context 7943-3	A	E	CLAY	348.45	62.98	91.80	4251.30	10658.85	21374.12	43704.27	717.09	224083.74	237.80
context 7943-3	A	E	CLAY	328.58	63.55	99.04	4262.49	10059.94	20630.84	43815.34	752.65	222377.45	299.75
context 7943-3	A	E	CLAY	343.20	68.83	110.96	4511.27	9714.54	21986.19	55551.31	732.95	252163.12	359.07
context 7943-4	A	E	CLAY	453.56	70.22	95.32	4402.94	13050.44	25328.05	54574.77	1686.25	251847.25	301.53
context 7943-4	A	E	CLAY	460.90	67.03	107.62	4065.13	9767.29	22957.21	49990.99	888.39	228885.65	429.58
context 7943-4	A	E	CLAY	484.12	72.26	138.69	4844.68	9854.95	27185.91	52122.17	815.16	228807.97	261.02

NOTE	Class	PHASE	subsoil type	Mn	Cr	V	Ti	Ca	K	Al	P	Si	S
context 7943-4	A	E	CLAY	468.25	70.78	124.76	4724.02	10394.01	26005.80	64054.81	1413.25	282257.27	335.70
context 7943-5	S		CLAY	560.79	73.74	124.38	5099.45	13323.00	25518.06	63592.75	2017.84	299935.14	575.52
context 7946-1	A	L	CLAY	430.10	56.15	87.31	3934.35	10034.15	20018.41	37523.38	1086.24	212486.37	380.79
context 7946-1	A	L	CLAY	503.54	59.18	88.92	4362.53	11404.39	22462.27	43582.07	1235.92	235707.15	398.55
context 7946-1	A	L	CLAY	713.73	65.35	115.82	4135.92	11915.31	21301.04	46233.20	1999.16	220060.31	338.66
context 7946-1	A	L	CLAY	495.73	63.11	91.55	4481.32	13469.03	23114.79	47219.56	1688.93	231468.19	256.13
context 7946-1	A	L	CLAY	1801.37	81.12	153.30	3341.51	14763.07	18203.05	41839.09	2527.14	194003.51	479.01
context 7946-2	A	L	CLAY	421.71	75.60	100.31	4382.88	16494.18	22548.87	49444.62	2096.55	240153.46	364.41
context 7946-2	A	L	CLAY	512.77	80.29	125.16	4164.12	12169.48	21477.05	30048.23	1189.16	168054.26	283.72
context 7946-3	A	E	CLAY	642.69	72.86	119.85	5129.51	11945.28	27835.01	72881.84	1081.06	306100.60	315.13
context 7946-3	A	E	CLAY	481.46	68.50	116.10	4734.15	10826.90	25075.43	46971.48	687.26	216388.94	275.72
context 7946-3	A	E	CLAY	498.75	73.75	112.79	5159.52	11416.40	28720.68	63857.83	854.98	281180.01	360.14
context 7946-3	A	E	CLAY	505.55	81.72	132.31	5357.52	12062.52	28805.02	62800.47	960.00	284934.11	302.50
context 7946-3	A	E	CLAY	732.22	73.20	129.15	5039.61	13676.50	26660.92	63143.08	903.51	306133.19	151.27
context 7946-4	S		CLAY	579.13	67.09	106.24	5295.26	13260.72	27313.11	49036.41	883.62	258148.58	171.72
context 7946-4	S		CLAY	460.85	64.69	107.70	5032.48	12722.17	26395.05	69382.23	1297.76	334704.78	218.82
context 7875-1	A	L	CLAY	372.86	58.28	76.21	3346.03	11389.08	17481.32	41238.67	1527.52	230635.86	385.66
context 7875-1	A	L	CLAY	393.71	56.46	69.37	3820.41	14560.33	20843.05	39443.98	1480.09	229593.48	238.44
context 7875-1	A	L	CLAY	381.52	54.61	66.37	3803.16	13250.84	22753.82	44468.68	1309.93	245480.45	277.07
context 7875-2	A	L	CLAY	419.82	63.61	103.82	4643.54	10136.12	21259.52	45042.30	1165.81	240208.77	263.71
context 7875-2	A	L	CLAY	246.39	47.65	54.28	3022.37	11781.72	20503.59	43238.06	1054.37	241034.38	178.42
context 7875-2	A	L	CLAY	455.27	39.59	56.79	2615.98	9399.84	18427.94	34161.04	803.01	226134.57	161.39
context 7875-3	A	L	CLAY	433.64	81.68	102.86	4541.83	15599.69	24330.53	53223.59	2784.65	244987.53	435.10
context 7875-4	A	E	CLAY	601.26	71.54	108.80	4218.26	10217.67	23035.65	46381.50	979.58	221446.22	243.88
context 7875-4	A	E	CLAY	421.99	65.40	93.32	4115.03	10155.02	23018.19	36697.20	589.09	185474.72	511.49
context 7875-4	A	E	CLAY	477.75	74.90	119.90	5105.61	10646.24	27448.64	49038.66	452.07	227117.73	221.10
context 7875-4	A	E	CLAY	446.65	63.92	100.22	4537.91	9725.75	26719.48	55885.27	496.78	249446.25	265.35
context 7875-4	A	E	CLAY	445.70	53.95	80.69	3958.54	9275.53	22127.20	29000.21	249.76	160657.19	144.71

NOTE	Class	PHASE	subsoil type	Mn	Cr	V	Ti	Ca	K	Al	P	Si	S
context 7875-5	A	E	CLAY	450.04	61.70	101.57	4320.83	10095.06	22824.75	51073.21	506.94	229169.13	315.15
context 7875-5	A	E	CLAY	453.11	67.65	118.93	4475.68	9961.53	24653.25	54643.97	549.47	242185.18	296.59
context 14865-1	A	L		1180.80	46.65	52.36	2626.43	9412.68	14109.09	20242.13	3585.91	148475.67	315.75
context 14865-1	A	L		1335.76	31.75	55.36	2643.53	9531.11	13759.30	21533.23	4532.90	156676.28	443.94
context 14865-1	A	L		567.04	53.01	74.19	2439.07	23933.91	13905.16	24224.71	12559.64	162619.31	476.31
context 14865-1	A	L		1273.57	33.40	61.87	2542.46	8761.68	14152.51	19386.59	4205.66	152703.03	345.17
context 14865-1	A	L		539.44	37.17	63.15	2674.25	9350.08	14486.68	23613.57	6136.25	169890.66	534.26
context 14865-1	A	L		554.26	62.52	58.72	2880.69	14174.30	16373.30	27741.70	7031.47	178599.89	563.30
context 14865-1	A	L		602.11	34.88	58.51	2689.15	12537.95	15739.58	21710.63	3159.19	170674.50	297.60
context 14865-1	A	L		442.13	38.86	60.88	2950.93	9452.14	15148.08	25384.26	3769.61	176363.42	363.11
context 14865-1	A	L		278.13	39.58	59.50	2919.27	8427.71	16020.75	24852.30	3712.70	169909.88	347.47
context 14865-1	A	L		342.43	51.23	66.24	2891.01	8321.02	16787.43	26127.21	4551.83	173029.93	527.54
context 14865-1	A	L		273.21	55.20	75.91	2977.43	7966.27	16731.34	32001.02	4290.81	191537.09	543.76
context 14865-1	A	L		294.89	57.35	89.60	3155.10	8539.02	16983.73	32465.66	6752.67	178131.99	677.64
context 14865-2	A	E		245.82	46.91	64.70	2855.89	7889.21	16506.07	27912.70	3115.73	178237.97	284.97
context 14865-2	A	E		264.68	48.12	70.46	3110.98	8001.51	17076.73	25688.74	1589.21	174829.71	209.01

As referred to in the main text (chapter 6, section 6.4.6), the abbreviations refer to:

T= TOPSOIL, A= ARCHAEOLOGY, S=SUBSOIL

SUBSOIL TYPE SAND, CLAY , SILTY LOAM

PHASE L= LATE, PHASE E= EARLY

Smithy data, feature 12663,calibrated

All filter times 50-100-50-100 in seconds.

Duration	SAMPLE	Ba	Ba Error	Sb	Sb Error	Sn	Sn Error	Cd	Cd Error	Pd	Pd Error	Ag	Ag Error	Bal	Bal Error
300.32	12432	432.43	27.98	11.56	7.1	0	15.24	0	4.71	0	1.94	0	2	690811.44	1147.07
302.09	12421	542.37	38.46	19.21	9.43	2126.53	30.22	0	7.93	0	5.36	347.29	7.86	704801.94	1327.75
301.39	12418	317.77	27.77	13.83	7.18	14.11	6.85	0	6.21	0	2.01	6.7	2.13	738116.56	990.47
301.24	12433	392.33	26.89	0	11.14	0	13.94	0	4.48	0	1.84	0	1.91	700562.81	1112.06
301.69	12426	313.51	29.18	0	10.11	479.41	12.06	0	6.17	0	2.05	13.33	2.38	720797.88	1064.46
301.36	12424	306.35	26.59	0	9.75	50.8	7.03	0	5.02	0	1.73	0	3.8	712422.94	1067.88
300.33	12427	318.74	28.74	0	11.1	32.97	7.37	0	4.92	0	2.09	8.93	2.27	727260	1012.13
301.71	12417	275.43	25.11	0	14.65	105.48	7.29	0	5.98	0	1.75	0	3.4	718358.69	1032.55
300.33	12420	97.29	24.48	16.64	6.62	232.23	9.33	15.3	3.77	4.35	1.94	38.36	2.73	722515.56	1002.43
301.89	12423	277.25	27.31	0	11.88	83.32	7.78	0	8.26	0	2.01	41.7	2.82	720754.75	1031.56
300.67	12430	432.36	67.49	0	41.11	0	24.4	0	16.41	0	6.19	0	7.08	692991.81	1951.46
300.6	12431	296.9	26.28	0	14.77	14.05	6.52	0	5.54	0	1.81	0	2.56	714353.19	1048.13
301.86	12425	321.14	27.52	0	9.55	19.68	6.87	0	5.36	0	2.46	0	3.05	706019.38	1071.33
300.23	12422	240.97	25.11	12.41	6.58	223.23	8.76	7.43	3.63	0	1.77	41.02	2.65	720225.69	982.96
301.68	12429	348.39	27.23	0	16.18	15.25	6.7	0	4.62	0	1.92	0	1.98	704772.63	1074.51
301.41	12428	394.43	36.25	0	21.63	279.63	12.72	0	7.56	0	2.85	107.5	4.77	705240.13	1349.41
301.23	12548	458.13	30.03	0	14.63	54.07	7.76	0	5.44	0	2.09	5.95	2.24	688950.88	1164.32
300.17	12547	462.41	29.08	0	12.19	24.1	7.15	0	4.85	0	2.05	5.49	2.17	663651.81	1231.87
300.3	12416	657.85	39.3	16.71	9.57	828.47	20.48	0	6.72	11.93	3.29	1188.5	15.47	660815.5	1439.25
301.68	12419	450.59	29.9	0	16.02	78.43	8.05	0	5.03	0	2.12	16.39	2.46	664557.13	1233.3

Duration	SAMPLE	Mo	Mo Error	Nb	Nb Error	Zr	Zr Error	Sr	Sr Error	Rb	Rb Error	Bi	Bi Error	As	As Error	Se	Se Error
300.32	12432	0	1.5	25.85	1.36	249.17	3.57	136.25	2.47	82.39	1.98	10.11	3.22	9.64	3.96	0	1.61
302.09	12421	0	2.73	12.99	1.61	153.17	3.99	193.73	3.94	51.81	2.38	0	21.21	233.31	49.34	0	5
301.39	12418	0	2.13	17.76	1.32	176.84	3.17	142.15	2.62	70.77	1.91	0	4.63	0	12.39	0	2.61
301.24	12433	0	2.09	26.09	1.36	217.27	3.32	130.28	2.4	81.87	1.96	11.26	3.3	8.52	4.47	0	2.38
301.69	12426	2.31	1.48	21.44	1.39	211.2	3.51	147.43	2.72	63.26	1.86	0	6.1	0	18.69	0	1.96
301.36	12424	0	1.52	29.05	1.41	248.32	3.58	137.86	2.5	73.93	1.89	5.87	3.49	0	10.15	0	1.53
300.33	12427	0	2.1	19.15	1.29	210.5	3.3	141.08	2.51	63.55	1.75	0	8.23	0	23.28	0	2.34
301.71	12417	0	1.5	24.69	1.32	203.21	3.16	140.63	2.45	68.35	1.76	0	5.09	0	15.56	0	2.49
300.33	12420	0	2.37	15.04	1.28	147.59	2.96	148.43	2.67	47.34	1.66	0	10.21	188.01	24.92	0	2.61
301.89	12423	0	1.5	24.89	1.35	230.2	3.44	157.04	2.65	72.14	1.86	6.03	3.98	0	20.55	0	1.71
300.67	12430	0	2.94	27.94	2.53	245	6.35	147.57	4.57	63.51	2.57	16.23	6.28	0	15.67	0	2.97
300.6	12431	0	1.5	23.14	1.31	215.77	3.26	122.12	2.3	79.69	1.91	11.14	3.33	8.59	5.06	0	1.5
301.86	12425	0	1.5	30.79	1.39	209.27	3.23	137.56	2.44	84.77	1.98	8.72	4.59	28.57	12.35	0	2.22
300.23	12422	0	1.5	20.44	1.24	230.2	3.27	142.26	2.4	68.57	1.73	6.3	3.74	0	21.26	0	1.52
301.68	12429	0	1.89	25.48	1.34	202.18	3.19	135.06	2.42	78.29	1.9	8.97	3.71	0	15.25	0	1.64
301.41	12428	8.53	1.86	15.99	1.65	115.41	3.6	176.69	3.77	51.54	2.38	0	21.14	102.83	48.31	0	4.69
301.23	12548	3.68	1.54	23.55	1.39	310.17	4.15	133.83	2.55	76.2	2	0	10.93	0	23.36	0	2.02
300.17	12547	0	2.29	26.9	1.41	335.29	4.28	151.15	2.68	76.65	1.97	0	8.26	0	16.78	0	1.89
300.3	12416	3.67	1.81	18.14	1.61	229.03	4.39	142.82	3.22	79.11	2.58	0	17.38	75.02	39.6	0	4.15
301.68	12419	6.3	1.61	26.37	1.43	350.27	4.46	141	2.64	75.51	2.01	0	11.25	0	27.51	0	2.24

Duration	SAMPLE	Au	Au Error	Pb	Pb Error	W	W Error	Zn	Zn Error	Cu	Cu Error	Ni	Ni Error	Co	Co Error	Fe	Fe Error
300.32	12432	0	5.66	45.63	4.24	0	41.47	123.91	7.95	215.14	13.86	0	25.88	0	81.05	28341.99	213.16
302.09	12421	0	19.77	8422.17	75.76	0	144.44	714.66	22.53	13987.77	126.59	0	33.28	0	138.73	73403.4	446.26
301.39	12418	0	6.15	304.27	9.1	0	43.66	182.9	10.11	2810.39	40.76	0	26.34	0	109.23	59514.89	329.29
301.24	12433	0	5.61	70.2	4.84	0	41.65	166.6	8.81	365.6	16.19	0	25.54	0	82.2	29231.14	215.29
301.69	12426	0	7.2	781.08	14.62	0	46.33	185.92	10.11	1866.7	33.74	0	26.87	0	108.99	55500.48	322.42
301.36	12424	0	5.61	206.21	7.38	0	41.55	153.07	8.6	392.25	16.64	0	25.33	0	90.6	37522.92	247.88
300.33	12427	0	6.3	473.57	10.76	0	43.16	222.26	10.53	3253.58	42.48	0	24.7	0	84.85	33289.24	228.27
301.71	12417	0	5.58	251.45	7.81	0	39.48	149.89	8.25	368.96	15.79	0	24.02	0	77.54	27507.46	203.93
300.33	12420	0	10.62	3133.22	30.58	0	55.51	502.97	16.18	15252.71	106.15	0	23.31	0	90.29	41889.99	250.82
301.89	12423	0	6.08	458.21	10.57	0	42.79	210.54	9.84	1345.23	27.37	0	25.22	0	87.84	36692.54	241.99
300.67	12430	0	10.65	93.25	9.18	0	68.28	138.9	14.77	431.6	27.88	0	38.93	0	163.33	38933.43	439.51
300.6	12431	0	5.42	104.42	5.49	0	39.87	138.08	8.16	553.79	18.55	0	24.86	0	86.02	34828.71	233.06
301.86	12425	0	6.7	795.39	13.68	0	42.22	166.91	8.68	518.34	18.01	0	25.08	0	77.59	28141.99	206.64
300.23	12422	0	5.8	445.13	9.92	0	41.59	233.19	10.27	3477.83	41.85	0	23.04	0	74.72	27906.15	197.26
301.68	12429	0	5.6	305.18	8.64	0	40.85	143.68	8.47	1017.35	23.92	0	25.11	0	85.06	33477.26	228.1
301.41	12428	0	18.89	8190.09	74.13	0	107.46	2786.8	41.28	8194.7	89.39	0	36.49	0	150.89	93316.88	542.6
301.23	12548	0	7.91	1274.22	18.51	0	48.71	238.57	10.91	1878.69	33.33	0	26.54	0	85.48	30121.74	224.71
300.17	12547	0	6.96	667.86	13.11	0	44.44	101.86	7.88	707.56	21.4	0	26.66	0	80.68	27049.08	212
300.3	12416	0	16.31	5773.25	55.22	0	109.98	378.71	15.93	4231.9	59.27	0	33.09	0	130.63	61029.35	394.83
301.68	12419	0	8.34	1744.89	22.09	0	54.76	221.55	10.69	1878.15	33.45	0	26.79	0	81.16	26832.78	212.16

Duration	SAMPLE	Mn	Mn Error	Cr	Cr Error	V	V Error	Ti	Ti Error	Ca	Ca Error	K	K Error
300.32	12432	335.47	54.38	165.05	10.55	163.04	20.3	3351.61	40.93	12686.58	215.8	20814.04	194.93
302.09	12421	1131.27	73.64	110.93	13.55	125.37	22.92	1753.63	41.2	24862.41	357.84	13817.39	194.53
301.39	12418	1925.42	76.45	135.63	12.94	173.65	22.55	2109.46	40.71	17848.2	291.09	14457.69	188.83
301.24	12433	323.23	53.58	153.73	10.66	151.01	20.36	3211.36	40.51	11766.01	208.56	18903.82	186.2
301.69	12426	1295.54	70.07	168.67	12.75	176.85	22.39	2188.22	40.43	17228.96	275.61	14805.88	184.51
301.36	12424	609.17	58.53	171.93	12.1	155.26	22.15	2721.24	41.46	15471.31	246.33	17301.02	187.16
300.33	12427	836.04	61.29	120.65	10.39	122.11	19.03	2535.26	37.06	18066.69	257.11	16332.73	176.43
301.71	12417	355.52	53.28	160.41	10.6	142.08	19.6	2351.95	36.36	19857.84	251.12	16391.21	167.55
300.33	12420	360.82	48.13	99.14	11.16	107.61	19.88	2034.31	37.15	23759.01	307.99	14078.54	173.32
301.89	12423	547.78	56.55	154.03	11.65	158.77	21.35	2427.87	39.29	20129.48	270.18	16443.58	178.34
300.67	12430	466.12	98.33	155.61	20.81	150.59	32.11	3638.49	64.24	14770.87	342.04	19855.74	297.63
300.6	12431	332.35	52.16	150.29	11.15	168.48	20.91	3102.13	40.77	11850.09	213.65	18329.18	187.41
301.86	12425	325.4	52.44	183.17	11.24	160.45	20.63	2670.74	38.72	16046.93	234.58	18680.39	183.87
300.23	12422	348.77	49.87	125.16	9.55	121.93	17.81	2691.1	35.41	14879.58	222.71	16644.29	168.84
301.68	12429	403.19	53.66	175.75	11.18	151.89	21.35	3176.07	41.82	13958.78	227.31	18127.18	185.44
301.41	12428	3813.29	108.22	175.52	17.55	205.74	28.03	1639.39	47.18	27598.39	412.29	12287.91	206.15
301.23	12548	613.19	60.04	103.11	9.82	123.13	18.44	3228.98	38.61	11654.73	206.69	18882.22	186.2
300.17	12547	442.42	57.24	115.02	9.86	122	18.89	3545.61	40.31	12410.97	211.05	20098.05	191.02
300.3	12416	425.86	62.29	128.31	12.52	165.87	22.72	2950.33	44.71	15646.36	275.78	17828.98	209.3
301.68	12419	345.35	55.15	107.63	9.74	131.27	18.48	3216.73	38.65	12501.58	214.52	20082.21	191.87

Duration	SAMPLE	Al	Al Error	P	P Error	Si	Si Error	Cl	Cl Error	S	S Error	Mg	Mg Error
300.32	12432	33762.79	523.23	2626.62	115.76	202382.09	881.61	0	21.38	418.27	31.75	2798.9	971.78
302.09	12421	21418.7	477.51	14476.17	156.96	110119.81	628.65	261.14	16.47	5515.11	67.13	0	1673.66
301.39	12418	22147.68	438.48	8651.55	126.79	128295.59	653.59	27.1	14.43	1050.41	36.28	1475.99	950.08
301.24	12433	32633.05	493.47	2039.26	106.51	195393.16	848.22	0	19.89	481.54	30.35	3677.76	932.74
301.69	12426	23998.75	449.51	6502.59	119.71	150064.05	721.08	0	26.87	1239.45	37.16	1941.25	948.1
301.36	12424	28456.82	472.6	3568.8	111.23	176750.06	796.65	0	20.46	729.52	33.06	2506.97	931.9
300.33	12427	24254.5	451.16	6544.61	125.45	162545.14	760.41	46.8	15.74	1133.01	38.49	2160.64	968.59
301.71	12417	27640.76	455.33	6279.26	121.38	175712.11	782.96	0	19.5	703.95	32.26	2946.13	905.14
300.33	12420	20408.77	429.71	11195.39	140.2	139627.13	667.53	188.59	15.47	2799.14	48.86	0	1455.24
301.89	12423	25352.2	454.37	6491.19	123.03	163577.25	754.4	0	35.57	1059.76	36.61	3304.31	970.93
300.67	12430	33004.08	827.55	3622.38	184.87	187161.2	1371.16	0	27.55	571.68	45.34	3061.26	1430.89
300.6	12431	29694.59	475.88	2858.18	107.82	179600.38	799.07	0	20.07	567.52	31.48	2593.46	918.6
301.86	12425	29643.71	484.23	2532.34	110.82	188496.8	828.42	0	21.22	1182.94	37.53	3592.19	968.22
300.23	12422	23887.15	425.25	4697.37	115.63	181372.73	783.51	0	20.25	909	34.34	0	1292.83
301.68	12429	30412.9	487.33	3007	111.36	186976.81	819.14	0	20.57	764.95	33.62	2315.75	931.25
301.41	12428	19922.4	492.1	15861.18	166.74	91038.01	585.53	373.36	17.92	6444.82	75.1	0	1841.97
301.23	12548	28407.41	470.94	2292.41	111.41	206818.98	889.88	0	20.44	1100.58	35.97	3245.48	944.83
300.17	12547	31513.88	519.36	2217.78	123.34	233167.53	971.97	0	22.26	698.35	34.9	2406.02	991.33
300.3	12416	29229.3	549.09	7476.88	140.48	182861.17	876.03	124.69	17.27	4073.76	60.64	3608.5	1179.07
301.68	12419	30400.01	498.21	2062.07	118.72	231007	957.85	0	21.99	1248.38	38.23	2518.52	968.13

A2.4 Uncalibrated data

Parcels 1 and 2

Duration	SAMPLE	INSPECTOR	MISC	Ba	Ba Error	Sb	Sb Error	Sn	Sn Error	Cd	Cd Error	Pd	Pd Error
300	core 7938	cm 2	50-100-50-100	450.88	27.97	< LOD	11.64	< LOD	15.58	< LOD	4.73	< LOD	1.96
300	core 7938	cm 4	50-100-50-100	584.05	33.8	< LOD	13.16	< LOD	10.88	< LOD	5.7	< LOD	2.41
300	core 7938	cm 6	50-100-50-100	612.17	29.98	< LOD	10.04	< LOD	14.61	< LOD	4.99	< LOD	2.11
300	core 7938	cm 8	50-100-50-100	480.61	26.7	< LOD	9.26	< LOD	10.46	< LOD	4.33	< LOD	1.84
300	core 7938	cm 10	50-100-50-100	405.75	26.25	< LOD	9.99	9.75	6.36	< LOD	4.32	< LOD	1.78
300	core 7938	cm 12	50-100-50-100	493.86	28.36	< LOD	10.25	47.28	7.2	< LOD	4.67	< LOD	1.94
300	core 7938	cm 14	50-100-50-100	435.13	26.81	< LOD	12.7	66.06	7.16	< LOD	4.46	< LOD	1.83
300	core 7938	cm 16	50-100-50-100	510.02	32.04	< LOD	10.88	40.95	8.03	< LOD	5.4	< LOD	2.33
300	core 7938	cm 17 bone	50-100-50-100	395.44	30.55	< LOD	10.5	103.78	8.6	< LOD	5.17	< LOD	2.22
300	core 7938	cm 18	50-100-50-100	476.39	28.25	< LOD	9.6	< LOD	11.77	< LOD	4.71	< LOD	1.92
300	core 7938	cm 20	50-100-50-100	316.4	22.59	< LOD	8.7	< LOD	8.15	< LOD	3.68	< LOD	1.5
300	core 7938	cm 20	50-100-50-100	387.48	26.4	< LOD	8.98	< LOD	8.4	< LOD	4.34	< LOD	1.74
300	core 7938	cm 22	50-100-50-100	586.24	30.99	< LOD	14.69	< LOD	9.76	< LOD	5.2	< LOD	2.26
300	core 7938	cm 24	50-100-50-100	514.48	28.48	< LOD	9.56	< LOD	8.94	< LOD	4.65	< LOD	1.99
300	core 7938	cm 26	50-100-50-100	506.52	28.61	< LOD	10.66	< LOD	9.24	< LOD	4.68	< LOD	1.99
300	core 7938	cm 28	50-100-50-100	474.12	27.1	< LOD	11.22	< LOD	9.1	< LOD	4.46	< LOD	1.78
300	core 7938	cm 32	50-100-50-100	426.48	26.71	< LOD	12.06	< LOD	8.83	< LOD	4.24	< LOD	1.79
300	core 7972	cm 2	50-100-50-100	460.07	26.9	< LOD	9.09	11.89	6.47	< LOD	4.39	< LOD	1.85
300	core 7972	cm 4	50-100-50-100	412.51	26.59	< LOD	9.01	18.09	6.5	< LOD	4.37	< LOD	1.72
300	core 7972	cm 6	50-100-50-100	422.99	26.25	< LOD	13.02	12.84	6.34	< LOD	4.3	< LOD	1.77
300	core 7972	cm 8	50-100-50-100	487.63	27.13	< LOD	10.14	24.57	6.63	< LOD	4.47	< LOD	1.85
300	core 7972	cm 10	50-100-50-100	492.71	26.7	< LOD	13.82	34.19	6.63	< LOD	4.3	< LOD	2.38
300	core 7972	cm 12	50-100-50-100	532.52	27.89	< LOD	12.52	< LOD	11.45	< LOD	4.53	< LOD	1.84
300	core 7972	cm 14	50-100-50-100	333.61	23.04	< LOD	8.54	< LOD	7.19	< LOD	3.55	< LOD	1.5

Duration	SAMPLE	INSPECTOR	MISC	Ba	Ba Error	Sb	Sb Error	Sn	Sn Error	Cd	Cd Error	Pd	Pd Error
300	core 7972	cm 16	50-100-50-100	551.19	27.63	< LOD	10.24	< LOD	8.95	< LOD	4.5	< LOD	1.89
300	core 7972	cm 18	50-100-50-100	578.38	30.95	< LOD	13.13	< LOD	11.14	< LOD	5.14	< LOD	2.24
300	core 7972	cm 20	50-100-50-100	561.32	29.07	< LOD	11.61	< LOD	11.06	< LOD	4.82	< LOD	1.94
300	core 7972	cm 22	50-100-50-100	381.45	23.98	< LOD	8.33	< LOD	9.49	< LOD	3.83	< LOD	1.5
300	core 7972	cm 22	50-100-50-100	593.89	28.53	< LOD	16.05	< LOD	12.46	< LOD	4.63	< LOD	1.91
300	core 7972	cm 24	50-100-50-100	459.82	26.41	< LOD	14.13	< LOD	9.33	< LOD	4.19	< LOD	1.71
300	core 7972	cm 26	50-100-50-100	458.15	26.61	< LOD	12.18	< LOD	10.11	< LOD	4.33	< LOD	1.78
300	core 7943	cm 2	50-100-50-100	491.3	27.91	< LOD	9.4	< LOD	15.12	< LOD	4.67	< LOD	1.92
300	core 7943	cm 4	50-100-50-100	496.09	27.68	< LOD	14.22	< LOD	12.11	< LOD	4.47	< LOD	1.83
300	core 7943	cm 6	50-100-50-100	491.96	27.35	< LOD	9.87	< LOD	14.84	< LOD	4.5	< LOD	1.81
300	core 7943	cm 8	50-100-50-100	506.2	28.88	< LOD	13.13	< LOD	13.18	< LOD	4.77	< LOD	2.03
300	core 7943	cm 10	50-100-50-100	434.68	25.41	< LOD	10.4	9.43	6.07	< LOD	4.14	< LOD	1.69
300	core 7943	cm 12	50-100-50-100	530.11	26.86	< LOD	12.82	< LOD	13.18	< LOD	4.41	< LOD	1.77
300	core 7943	cm 14	50-100-50-100	474.75	26.85	< LOD	9.05	< LOD	8.45	< LOD	5.39	< LOD	1.89
300	core 7943	cm 16	50-100-50-100	480.82	26.56	< LOD	9.87	< LOD	9.79	< LOD	4.36	< LOD	1.71
300	core 7943	cm 18	50-100-50-100	445.64	26.38	< LOD	10.15	< LOD	10.71	< LOD	4.33	< LOD	1.78
300	core 7943	cm 20	50-100-50-100	492.69	26.91	< LOD	10.1	< LOD	8.45	< LOD	4.43	< LOD	1.77
300	core 7943	cm 22	50-100-50-100	590.92	27.63	< LOD	9.1	< LOD	8.49	< LOD	4.44	< LOD	1.82
300	core 7943	cm 24	50-100-50-100	559.58	27.15	< LOD	9.37	< LOD	12.86	< LOD	4.41	< LOD	1.86
300	core 7943	cm 26	50-100-50-100	575.51	29.93	< LOD	10.03	< LOD	9.39	< LOD	4.91	< LOD	2.02
300	core 7943	cm 28	50-100-50-100	620.98	30.54	< LOD	10.88	< LOD	10.55	< LOD	5.05	< LOD	2.09
300	core 7943	cm 32	50-100-50-100	581.92	30.51	< LOD	10.23	< LOD	10.72	< LOD	5.06	< LOD	2.88
300	core 7946	cm 2	50-100-50-100	511.53	30.25	< LOD	14.15	< LOD	11.86	< LOD	5.1	< LOD	2.18
296.58	core 7946	cm 4	50-100-50-100	529.48	29.33	< LOD	11.79	< LOD	10.38	< LOD	4.85	< LOD	2.07
300	core 7946	cm 6	50-100-50-100	597.06	30.37	< LOD	11.21	< LOD	12.09	< LOD	4.93	< LOD	2.1
300	core 7946	cm 8	50-100-50-100	520.41	29.31	< LOD	9.87	< LOD	12	< LOD	4.85	< LOD	2.11
300	core 7946	cm 10	50-100-50-100	542.51	29.57	< LOD	10.34	< LOD	9.27	< LOD	4.77	< LOD	2.1
300	core 7946	cm 12	50-100-50-100	521.61	27.97	< LOD	11.18	< LOD	12.68	< LOD	4.55	< LOD	1.95

Duration	SAMPLE	INSPECTOR	MISC	Ba	Ba Error	Sb	Sb Error	Sn	Sn Error	Cd	Cd Error	Pd	Pd Error
300	core 7946	cm 14	50-100-50-100	596.23	31.47	< LOD	13.17	< LOD	9.85	< LOD	5.22	< LOD	2.24
300	core 7946	cm 16	50-100-50-100	689.19	33.17	< LOD	11.05	< LOD	10.88	< LOD	5.46	< LOD	2.33
300	core 7946	cm 18	50-100-50-100	566.72	28.07	< LOD	9.25	< LOD	13.26	< LOD	4.58	< LOD	1.79
300	core 7946	cm 20	50-100-50-100	632.53	28.91	< LOD	10.57	< LOD	14.76	< LOD	4.69	< LOD	1.98
300	core 7946	cm 22	50-100-50-100	645.41	32.16	< LOD	10.73	< LOD	12.05	< LOD	5.32	< LOD	3.51
300	core 7946	cm 24	50-100-50-100	714.42	32.89	< LOD	13.46	< LOD	17.43	< LOD	5.44	< LOD	2.38
300	core 7946	cm 26	50-100-50-100	607.55	30.1	< LOD	12.93	< LOD	9.35	< LOD	4.87	< LOD	2.15
300	core 7946	cm 28	50-100-50-100	675.05	31.4	< LOD	13.15	< LOD	9.74	< LOD	5.09	< LOD	2.22
300	core 7875	cm 2	50-100-50-100	504.12	27.45	< LOD	9.2	14.61	6.59	< LOD	4.49	< LOD	1.94
300	core 7875	cm 4	50-100-50-100	487.4	29.29	< LOD	15.05	10.68	6.95	< LOD	4.87	< LOD	2
300	core 7875	cm 4	50-100-50-100	497.98	27.23	< LOD	9.13	16.09	6.55	< LOD	5.09	< LOD	1.87
300	core 7875	cm 6	50-100-50-100	544.11	27.49	< LOD	13.36	14.07	6.57	< LOD	4.51	< LOD	1.87
300	core 7875	cm 6	50-100-50-100	471.99	27.33	< LOD	9.19	< LOD	13.6	< LOD	4.48	< LOD	1.88
300	core 7875	cm 8	50-100-50-100	577.75	29.11	< LOD	9.65	< LOD	10.22	< LOD	4.71	< LOD	1.98
300	core 7875	cm 10	50-100-50-100	434.87	27.07	< LOD	12.28	12.37	6.55	< LOD	4.52	< LOD	1.87
300	core 7875	cm 12	50-100-50-100	372.93	24.84	< LOD	8.37	< LOD	11.88	< LOD	3.98	< LOD	1.59
300	core 7875	cm 14	50-100-50-100	177.45	23.45	< LOD	8.19	< LOD	7.65	< LOD	3.88	< LOD	1.5
300	core 7875	cm 14	50-100-50-100	556.96	31.93	< LOD	10.9	31.49	7.84	< LOD	5.46	< LOD	2.24
300	core 7875	cm 16	50-100-50-100	540.25	29.23	< LOD	9.78	11.91	6.92	< LOD	4.85	< LOD	2.03
300	core 7875	cm 18	50-100-50-100	533.71	27.77	< LOD	9.24	97.06	7.53	< LOD	4.5	< LOD	1.86
300	core 7875	cm 20	50-100-50-100	559.24	28.07	< LOD	10.4	< LOD	11.18	< LOD	4.52	< LOD	1.9
300	core 7875	cm 22	50-100-50-100	594.19	28.13	< LOD	9.29	< LOD	14.12	< LOD	4.47	< LOD	1.87
300	core 7875	cm 24	50-100-50-100	508.46	27.64	< LOD	9.4	< LOD	11.94	< LOD	4.49	< LOD	1.87
300	core 7875	cm 26	50-100-50-100	505.5	27.36	< LOD	9.97	< LOD	8.53	< LOD	4.4	< LOD	1.85
300	core 7875	cm 28	50-100-50-100	538.98	28.03	< LOD	10.04	< LOD	8.79	< LOD	4.58	< LOD	1.89
183.2	7936	core 2cm	30-60-30-60	543.48	45.89	< LOD	17.05	< LOD	14.76	< LOD	8.13	< LOD	3.61
183.36	7936	core 4cm	30-60-30-60	465.17	38.15	< LOD	13.26	< LOD	14.68	< LOD	6.67	< LOD	2.91
182.09	7936	core 6cm	30-60-30-60	469.73	37.1	< LOD	16.32	< LOD	11.86	< LOD	6.36	< LOD	2.8

Duration	SAMPLE	INSPECTOR	MISC	Ba	Ba Error	Sb	Sb Error	Sn	Sn Error	Cd	Cd Error	Pd	Pd Error
183.21	7936	core 8cm	30-60-30-60	490.53	36.98	< LOD	16.69	< LOD	13.17	< LOD	6.38	< LOD	2.74
183.32	7936	core 10cm	30-60-30-60	566.23	37.93	< LOD	12.93	< LOD	12.82	< LOD	6.38	< LOD	2.93
181.31	7936	core 12cm	30-60-30-60	597.97	39.23	< LOD	13.59	< LOD	14.26	< LOD	6.74	< LOD	3.07
182.43	7936	core 14cm	30-60-30-60	503.09	36.99	< LOD	12.67	< LOD	15.24	< LOD	6.39	< LOD	2.71
181.41	7936	core 16cm	30-60-30-60	578.6	38.04	< LOD	12.92	< LOD	12.17	< LOD	6.55	< LOD	2.78
182.96	7936	core 18cm	30-60-30-60	544.21	38.11	< LOD	13.08	< LOD	12.68	< LOD	6.54	< LOD	2.78
184.01	7936	core 20cm	30-60-30-60	487.36	35.88	< LOD	13.13	< LOD	16.38	< LOD	6.26	< LOD	2.75
183.66	7936	core 22cm	30-60-30-60	535.37	36.83	< LOD	13.78	< LOD	15.82	< LOD	6.27	< LOD	2.8
181.87	7936	core 24cm	30-60-30-60	565.03	38.51	< LOD	13.18	< LOD	15.53	< LOD	6.62	< LOD	3.05
213.06	7936	core 26cm	30-60-30-60	621.27	39.4	< LOD	16.89	< LOD	15.83	< LOD	6.74	< LOD	3.07
182.58	7936	core 28cm	30-60-30-60	545.55	37.79	< LOD	12.88	< LOD	12.04	< LOD	6.47	< LOD	2.87
181.14	7936	core 32cm	30-60-30-60	589.1	39.58	< LOD	20.1	< LOD	12.59	< LOD	6.75	< LOD	3.01
214.55	7495	cm 2	30-60-30-60	522.81	39.18	< LOD	13.45	< LOD	16.3	< LOD	6.71	< LOD	3.1
182.03	7495	cm 4	30-60-30-60	659.36	45.73	< LOD	26.97	< LOD	25.17	< LOD	8.07	< LOD	3.7
181.09	7495	cm 6	30-60-30-60	512.5	36.85	< LOD	18.96	< LOD	12.59	< LOD	6.35	< LOD	2.76
182.22	7495	cm 8	30-60-30-60	464.7	37.45	< LOD	13.76	< LOD	12.12	< LOD	6.45	< LOD	2.85
182.81	7495	cm 10	30-60-30-60	598.52	39.84	< LOD	15.49	< LOD	18.58	< LOD	6.77	< LOD	4.01
183.08	7495	cm 12	30-60-30-60	496.83	36	< LOD	17.57	< LOD	12.23	< LOD	6.12	< LOD	2.6
182.95	7495	cm 14	30-60-30-60	593.41	42.68	< LOD	19.09	< LOD	23.06	< LOD	7.45	< LOD	3.45
181.64	7495	cm 16	30-60-30-60	533.49	37.65	< LOD	12.89	< LOD	12.02	< LOD	6.55	< LOD	2.96
183.37	7495	cm 18	30-60-30-60	548.48	37.7	< LOD	20.73	< LOD	13.35	< LOD	6.47	< LOD	2.88
187.48	7495	cm 20	30-60-30-60	474.43	34.68	< LOD	19.18	< LOD	11.1	< LOD	5.94	< LOD	2.6
181.88	7495	cm 22	30-60-30-60	547.42	38.55	< LOD	14.68	< LOD	12.38	< LOD	6.57	< LOD	2.89
180.79	7495	cm 24	30-60-30-60	533.61	37.56	< LOD	17.44	< LOD	12.11	< LOD	6.43	< LOD	2.83
181.64	7495	cm 26	30-60-30-60	584.53	38.9	< LOD	14.42	< LOD	12.45	< LOD	6.55	< LOD	3.01
182.01	7495	cm 28	30-60-30-60	555.02	40.38	< LOD	16.21	< LOD	17.29	< LOD	6.95	< LOD	3.72
181.57	7495	cm 33	30-60-30-60	615.12	40.08	< LOD	13.53	< LOD	19.94	< LOD	6.84	< LOD	3.05
180.06	7495	cm 34	30-60-30-60	566.5	39.31	< LOD	22.75	< LOD	21	< LOD	6.82	< LOD	2.96

Duration	SAMPLE	INSPECTOR	MISC	Ag	Ag Error	Bal	Bal Error	Mo	Mo Error	Nb	Nb Error	Zr	Zr Error	Sr	Sr Error
300	core 7938	cm 2	50-100-50-100	< LOD	2.02	727751.8	991.94	< LOD	1.5	21.11	1.24	186.08	2.97	150.28	2.47
300	core 7938	cm 4	50-100-50-100	< LOD	2.49	771320.3	932.42	< LOD	1.5	17.35	1.28	184.77	3.15	159.48	2.7
300	core 7938	cm 6	50-100-50-100	< LOD	2.07	718811.8	1078.96	< LOD	1.93	19.26	1.3	170.65	3.07	172.88	2.83
300	core 7938	cm 8	50-100-50-100	< LOD	1.81	707425.7	1092.2	< LOD	1.5	19.27	1.26	168.44	2.94	139.59	2.47
300	core 7938	cm 10	50-100-50-100	< LOD	3.63	759307.3	929.79	< LOD	1.5	20.51	1.27	216.66	3.25	134.01	2.39
300	core 7938	cm 12	50-100-50-100	< LOD	1.97	733539.2	1019.68	< LOD	1.95	75.92	1.87	208.04	3.29	135.06	2.47
300	core 7938	cm 14	50-100-50-100	27.78	2.42	743736.1	986.02	< LOD	1.5	23.11	1.35	199.34	3.22	105.43	2.21
300	core 7938	cm 16	50-100-50-100	11.15	2.47	752428.5	1001.4	< LOD	2.47	20.94	1.43	197.57	3.46	95.98	2.28
300	core 7938	cm 17 bone	50-100-50-100	< LOD	3.36	694088.6	1136.18	< LOD	1.5	16.67	1.31	128.51	2.83	154.85	2.77
300	core 7938	cm 18	50-100-50-100	< LOD	2.02	743994.8	998.26	< LOD	1.5	22.1	1.35	190.94	3.18	102.16	2.19
300	core 7938	cm 20	50-100-50-100	< LOD	1.5	853679.5	608.56	< LOD	1.5	23.05	1.38	230.94	3.55	124.29	2.44
300	core 7938	cm 20	50-100-50-100	< LOD	1.84	759793.6	923.79	< LOD	1.5	22.62	1.34	245	3.57	120.9	2.36
300	core 7938	cm 22	50-100-50-100	< LOD	2.2	711143.9	1116.75	< LOD	1.97	22.67	1.39	280.27	3.94	119.03	2.41
300	core 7938	cm 24	50-100-50-100	< LOD	1.91	730344.9	1035.89	< LOD	2.19	20.98	1.35	251.04	3.67	115.63	2.35
300	core 7938	cm 26	50-100-50-100	< LOD	2	714056.6	1104.43	4.09	1.5	22.74	1.38	255.28	3.76	110.63	2.33
300	core 7938	cm 28	50-100-50-100	< LOD	1.84	710834.1	1085.08	< LOD	1.5	23.38	1.35	297.24	3.94	123.54	2.39
300	core 7938	cm 32	50-100-50-100	< LOD	1.84	762820.5	939.53	< LOD	1.5	27.81	1.45	334.5	4.33	147.79	2.68
300	core 7972	cm 2	50-100-50-100	< LOD	1.88	742020.8	986.22	< LOD	1.5	23.01	1.32	232.03	3.42	136.42	2.45
300	core 7972	cm 4	50-100-50-100	< LOD	1.83	778709.7	884.57	< LOD	1.5	24.4	1.38	254.26	3.68	137.49	2.54
300	core 7972	cm 6	50-100-50-100	< LOD	1.76	781187.3	871.54	< LOD	1.5	22.67	1.32	209.73	3.27	126.48	2.38
300	core 7972	cm 8	50-100-50-100	< LOD	1.8	760443.8	939.49	< LOD	1.5	22.83	1.33	217.33	3.33	131.66	2.43
300	core 7972	cm 10	50-100-50-100	< LOD	1.79	741682.7	1000.25	< LOD	1.5	22.43	1.32	209.57	3.3	153.05	2.62
300	core 7972	cm 12	50-100-50-100	< LOD	1.88	733025.5	1016.86	< LOD	1.5	25.09	1.35	221.41	3.35	120.76	2.32
300	core 7972	cm 14	50-100-50-100	< LOD	1.5	724748	1062.43	< LOD	2.25	20.97	1.32	208.9	3.29	114.68	2.29
300	core 7972	cm 16	50-100-50-100	< LOD	1.79	711589.1	1105.35	< LOD	1.5	24.52	1.37	247.47	3.61	120.56	2.37

Duration	SAMPLE	INSPECTOR	MISC	Ag	Ag Error	Bal	Bal Error	Mo	Mo Error	Nb	Nb Error	Zr	Zr Error	Sr	Sr Error
300	core 7972	cm 18	50-100-50-100	< LOD	2.25	716370.3	1099.98	< LOD	1.5	20	1.33	205.91	3.31	103.02	2.21
300	core 7972	cm 20	50-100-50-100	< LOD	2.01	729155.3	1037.04	< LOD	2.08	21.89	1.36	203.48	3.31	107.51	2.26
300	core 7972	cm 22	50-100-50-100	< LOD	1.56	816795.3	737.67	< LOD	1.89	22.61	1.35	204.19	3.29	109.31	2.26
300	core 7972	cm 22	50-100-50-100	< LOD	1.89	706685.7	1123.71	< LOD	1.84	21.33	1.37	199.99	3.33	102.83	2.25
300	core 7972	cm 24	50-100-50-100	< LOD	1.78	759803.4	951.97	< LOD	1.5	26.91	1.41	221.28	3.43	110.2	2.28
300	core 7972	cm 26	50-100-50-100	< LOD	1.76	769380.2	917	< LOD	1.5	22.1	1.34	221.59	3.41	111.88	2.28
300	core 7943	cm 2	50-100-50-100	< LOD	1.99	763214.5	928.28	< LOD	1.61	22.4	1.33	258.79	3.64	131.13	2.43
300	core 7943	cm 4	50-100-50-100	< LOD	1.89	754380.8	951.21	< LOD	1.98	21.89	1.34	240.71	3.6	170.46	2.82
300	core 7943	cm 6	50-100-50-100	< LOD	1.87	746960.4	981.21	< LOD	1.98	21.8	1.33	266.6	3.72	130.44	2.44
300	core 7943	cm 8	50-100-50-100	< LOD	2.07	781977.6	852.11	< LOD	2.12	20.07	1.3	235.09	3.48	130.72	2.43
300	core 7943	cm 10	50-100-50-100	< LOD	1.67	784939.6	858.43	< LOD	2.03	26.96	1.38	243.66	3.56	148.48	2.6
300	core 7943	cm 12	50-100-50-100	< LOD	1.86	738844.4	1004.06	< LOD	1.5	21.71	1.31	205.7	3.22	122.48	2.33
300	core 7943	cm 14	50-100-50-100	< LOD	1.81	764371.6	917.16	< LOD	1.5	23.7	1.33	248.51	3.53	130.86	2.41
300	core 7943	cm 16	50-100-50-100	< LOD	1.75	745567.9	992.81	< LOD	1.5	26.87	1.36	250.83	3.54	122.44	2.33
300	core 7943	cm 18	50-100-50-100	< LOD	1.8	747686.9	975.81	< LOD	2.05	27.09	1.37	235.45	3.44	117.27	2.29
300	core 7943	cm 20	50-100-50-100	< LOD	1.77	714201.8	1087.47	2.58	1.41	24.89	1.35	237.27	3.44	110.4	2.22
300	core 7943	cm 22	50-100-50-100	< LOD	1.83	703895.1	1132.81	< LOD	1.5	23.72	1.36	254.06	3.65	130.74	2.46
300	core 7943	cm 24	50-100-50-100	< LOD	1.83	735490.9	1017.53	< LOD	1.5	24.45	1.34	216.58	3.31	116.72	2.28
300	core 7943	cm 26	50-100-50-100	< LOD	2.08	717026.2	1084.29	< LOD	1.5	22.07	1.35	207.24	3.31	109.64	2.26
300	core 7943	cm 28	50-100-50-100	< LOD	2.1	674084.1	1238.11	< LOD	2.32	21.51	1.36	202.51	3.32	106.65	2.27
300	core 7943	cm 32	50-100-50-100	< LOD	2.2	658355.3	1240.13	< LOD	1.5	27.18	1.39	301.75	3.96	129.37	2.43
300	core 7946	cm 2	50-100-50-100	< LOD	2.11	757010.4	960.59	< LOD	1.5	21.88	1.34	226.59	3.45	129.66	2.45
296.58	core 7946	cm 4	50-100-50-100	< LOD	2.08	726020.3	1044.47	< LOD	2.61	24.98	1.37	273.24	3.77	132.59	2.46
300	core 7946	cm 6	50-100-50-100	< LOD	2.14	723888.5	1057.51	2.81	1.46	25.9	1.4	251.28	3.66	132.87	2.5
300	core 7946	cm 8	50-100-50-100	< LOD	2.06	724890.3	1075.63	< LOD	1.5	29.28	1.45	304.68	4.07	133	2.52
300	core 7946	cm 10	50-100-50-100	< LOD	2.05	719550.1	1071.65	2.28	1.51	24.6	1.44	235.21	3.7	137.58	2.65
300	core 7946	cm 12	50-100-50-100	< LOD	1.97	716062.9	1088.02	< LOD	1.96	25.73	1.39	301.08	3.99	138.19	2.54
300	core 7946	cm 14	50-100-50-100	< LOD	2.25	782382.8	908.22	< LOD	2.3	30.12	1.52	252.6	3.86	127.93	2.58

Duration	SAMPLE	INSPECTOR	MISC	Ag	Ag Error	Bal	Bal Error	Mo	Mo Error	Nb	Nb Error	Zr	Zr Error	Sr	Sr Error
300	core 7946	cm 16	50-100-50-100	< LOD	2.43	644864.1	1340.51	< LOD	2.21	24.98	1.41	245.27	3.69	120.72	2.43
300	core 7946	cm 18	50-100-50-100	< LOD	1.8	739467.4	1031.32	< LOD	2.2	25.67	1.4	254.14	3.71	127.01	2.46
300	core 7946	cm 20	50-100-50-100	< LOD	1.99	671689.7	1203.22	< LOD	1.55	28.02	1.41	260.92	3.69	128.02	2.43
300	core 7946	cm 22	50-100-50-100	< LOD	2.29	666732.4	1246.09	< LOD	2.26	27.72	1.44	262.14	3.78	128.79	2.49
300	core 7946	cm 24	50-100-50-100	< LOD	2.36	641812.1	1328.15	< LOD	2.58	31.11	1.52	336.95	4.44	147.09	2.74
300	core 7946	cm 26	50-100-50-100	< LOD	2.11	698566.4	1130.34	< LOD	2.54	29.4	1.43	334.83	4.24	152.65	2.67
300	core 7946	cm 28	50-100-50-100	< LOD	2.2	631553	1312.85	< LOD	2.02	26.49	1.37	301.1	3.95	149.67	2.6
300	core 7875	cm 2	50-100-50-100	< LOD	1.93	742393.2	994.05	< LOD	1.55	18.57	1.28	199.79	3.2	123.99	2.36
300	core 7875	cm 4	50-100-50-100	< LOD	2.12	752833.4	966.39	< LOD	2.22	20.9	1.39	214.77	3.54	131.65	2.58
300	core 7875	cm 4	50-100-50-100	< LOD	1.9	739049.4	994.8	< LOD	1.5	23.58	1.33	261.84	3.64	149.17	2.57
300	core 7875	cm 6	50-100-50-100	9.52	2.11	723075.4	1059.93	< LOD	1.5	23.05	1.34	222.43	3.41	149.18	2.61
300	core 7875	cm 6	50-100-50-100	< LOD	2.96	742836.6	988.8	< LOD	1.85	21.14	1.29	243.47	3.5	147.59	2.55
300	core 7875	cm 8	50-100-50-100	< LOD	2	721287.4	1074.39	< LOD	1.86	20.71	1.34	151.34	2.92	126.36	2.45
300	core 7875	cm 10	50-100-50-100	< LOD	1.94	736440.5	1017.89	< LOD	1.5	16.93	1.25	182.8	3.11	183.49	2.86
300	core 7875	cm 12	50-100-50-100	< LOD	1.65	752954.7	956.5	< LOD	1.5	21.88	1.32	272.57	3.73	143.41	2.53
300	core 7875	cm 14	50-100-50-100	< LOD	1.59	783160.9	866.29	< LOD	1.5	18.88	1.28	210.62	3.25	94.69	2.07
300	core 7875	cm 14	50-100-50-100	< LOD	2.73	706756.7	1117.71	< LOD	1.5	23.29	1.36	197.12	3.25	132.83	2.48
300	core 7875	cm 16	50-100-50-100	< LOD	2.05	732871.9	1034.46	< LOD	1.95	22.9	1.36	207.84	3.33	112.97	2.31
300	core 7875	cm 18	50-100-50-100	< LOD	1.88	773622.1	898.24	< LOD	1.5	22.48	1.33	218.2	3.35	114.97	2.28
300	core 7875	cm 20	50-100-50-100	< LOD	1.87	731824.3	1042.56	< LOD	1.5	21.71	1.33	207.04	3.27	108.96	2.23
300	core 7875	cm 22	50-100-50-100	< LOD	1.86	707464.4	1117.67	< LOD	1.5	23.5	1.35	225.42	3.43	120.02	2.35
300	core 7875	cm 24	50-100-50-100	< LOD	1.85	803958.6	793.54	< LOD	1.5	22.03	1.33	249.62	3.58	120.45	2.34
300	core 7875	cm 26	50-100-50-100	< LOD	1.75	725247.4	1069.98	< LOD	1.5	23.3	1.37	250.33	3.65	116.95	2.35
300	core 7875	cm 28	50-100-50-100	< LOD	1.88	717099.6	1085.24	< LOD	1.5	24.18	1.35	244.97	3.54	109.08	2.23
183.2	7936	core 2cm	30-60-30-60	< LOD	3.72	766206.1	1304.98	7.91	2.21	19.71	2.04	143.5	4.35	130.08	3.77
183.36	7936	core 4cm	30-60-30-60	< LOD	2.93	747436.7	1261.27	3.04	1.86	26.19	1.8	224.37	4.46	126.23	3.13
182.09	7936	core 6cm	30-60-30-60	< LOD	2.87	827329.5	952.16	3.97	2.03	26.81	2.01	179.07	4.45	127.25	3.48
183.21	7936	core 8cm	30-60-30-60	< LOD	2.81	783440.6	1114.85	< LOD	1.83	25.49	1.79	258.1	4.74	119.72	3.04

Duration	SAMPLE	INSPECTOR	MISC	Ag	Ag Error	Bal	Bal Error	Mo	Mo Error	Nb	Nb Error	Zr	Zr Error	Sr	Sr Error
183.32	7936	core 10cm	30-60-30-60	< LOD	2.86	727286.4	1381.87	< LOD	2.95	21.7	1.74	278.47	4.97	123.81	3.12
181.31	7936	core 12cm	30-60-30-60	< LOD	3.02	716424.6	1405.12	< LOD	3.01	23.69	1.76	238.87	4.57	121.21	3.06
182.43	7936	core 14cm	30-60-30-60	< LOD	2.8	746660.9	1298.27	< LOD	2.51	25.29	1.8	229.24	4.53	126.96	3.17
181.41	7936	core 16cm	30-60-30-60	< LOD	2.91	705815.8	1471.84	< LOD	2.81	23.88	1.8	216.42	4.46	118.12	3.1
182.96	7936	core 18cm	30-60-30-60	< LOD	2.98	732870.5	1363.12	< LOD	2.8	22.19	1.77	214.91	4.42	116.96	3.06
184.01	7936	core 20cm	30-60-30-60	< LOD	2.69	730010.8	1362.4	< LOD	2.8	25.56	1.79	242.8	4.61	119.37	3.04
183.66	7936	core 22cm	30-60-30-60	< LOD	2.77	709474.3	1439.77	< LOD	3.81	25.27	1.79	313.07	5.26	128.53	3.16
181.87	7936	core 24cm	30-60-30-60	< LOD	3.02	710808.2	1428.05	< LOD	2.55	26.39	1.81	322.2	5.36	135.05	3.25
213.06	7936	core 26cm	30-60-30-60	< LOD	3.06	687978.9	1050.19	< LOD	1.5	27.53	1.26	295.81	3.54	130.11	2.21
182.58	7936	core 28cm	30-60-30-60	< LOD	2.76	716083.7	1447.52	< LOD	2.9	25.47	1.84	284.16	5.15	126.63	3.23
181.14	7936	core 32cm	30-60-30-60	< LOD	2.96	680359.1	1600.86	< LOD	3.89	28.69	1.92	304.45	5.43	136.19	3.4
214.55	7495	cm 2	30-60-30-60	< LOD	3.16	798994.8	745.89	< LOD	2.02	25.47	1.27	309.48	3.71	129.19	2.25
182.03	7495	cm 4	30-60-30-60	< LOD	3.7	708364.9	1487.77	< LOD	3.28	23.43	1.86	238.08	4.85	136.68	3.44
181.09	7495	cm 6	30-60-30-60	< LOD	2.81	768250.2	1184.42	< LOD	2.56	22.59	1.75	252.52	4.72	131.44	3.2
182.22	7495	cm 8	30-60-30-60	< LOD	2.86	755187.6	1241.09	< LOD	2.94	22.57	1.72	221.37	4.36	136.57	3.21
182.81	7495	cm 10	30-60-30-60	< LOD	3.1	792943.1	1071.61	< LOD	3.7	25.74	1.82	272.19	4.94	118.43	3.07
183.08	7495	cm 12	30-60-30-60	< LOD	2.84	745663.6	1298.9	< LOD	1.83	24.32	1.77	249.96	4.69	127.37	3.14
182.95	7495	cm 14	30-60-30-60	< LOD	3.37	790029.4	1092.99	< LOD	1.75	21.29	1.7	265.59	4.72	107.31	2.84
181.64	7495	cm 16	30-60-30-60	< LOD	2.85	740656.7	1315.67	< LOD	2.08	20.73	1.72	263.86	4.81	122.51	3.09
183.37	7495	cm 18	30-60-30-60	< LOD	2.83	761745.9	1225.15	< LOD	2.22	26.89	1.81	282.15	4.98	133.03	3.21
187.48	7495	cm 20	30-60-30-60	< LOD	2.61	746633.1	1222.37	< LOD	1.58	26.13	1.69	248.93	4.4	132.04	3.01
181.88	7495	cm 22	30-60-30-60	< LOD	2.9	713222.4	1451.1	< LOD	3.25	24.82	1.81	277.73	5.03	138.77	3.33
180.79	7495	cm 24	30-60-30-60	< LOD	2.91	722470	1409.21	< LOD	1.83	19.9	1.71	240.56	4.63	130.92	3.21
181.64	7495	cm 26	30-60-30-60	< LOD	3.05	716419.3	1441.12	< LOD	2.4	27.05	1.85	338.77	5.6	130.48	3.25
182.01	7495	cm 28	30-60-30-60	< LOD	3.09	728502.1	1375.79	< LOD	3.58	25.11	1.84	316.52	5.45	120.25	3.15
181.57	7495	cm 33	30-60-30-60	< LOD	3.08	666446.6	1650.93	< LOD	2.12	27.05	1.88	345.71	5.76	135.56	3.37
180.06	7495	cm 34	30-60-30-60	< LOD	3.04	678705.4	1554.41	< LOD	2.65	29.29	1.87	376.53	5.87	139.81	3.33

Duration	SAMPLE	INSPECTOR	MISC	Rb	Rb Error	Bi	Bi Error	As	As Error	Se	Se Error	Au	Au Error	Pb	Pb Error
300	core 7938	cm 2	50-100-50-100	74.32	1.78	< LOD	5.09	5.46	3.47	< LOD	1.5	< LOD	5.11	37.93	3.77
300	core 7938	cm 4	50-100-50-100	55.05	1.65	< LOD	3.15	5.13	3.1	< LOD	1.72	< LOD	5.51	18	3.37
300	core 7938	cm 6	50-100-50-100	69.42	1.84	< LOD	3.33	< LOD	5.35	< LOD	1.92	< LOD	5.62	35.11	3.95
300	core 7938	cm 8	50-100-50-100	72.77	1.84	< LOD	3.76	5.02	3.24	< LOD	1.5	< LOD	5.22	25.78	3.54
300	core 7938	cm 10	50-100-50-100	70.54	1.79	< LOD	4.38	< LOD	6.45	< LOD	1.5	< LOD	5.16	66.22	4.58
300	core 7938	cm 12	50-100-50-100	61.28	1.73	22.62	3.59	< LOD	11.35	< LOD	1.78	< LOD	6.57	135.3	6.19
300	core 7938	cm 14	50-100-50-100	69.66	1.85	8.97	3.76	< LOD	12.04	< LOD	1.65	< LOD	5.99	294.54	8.75
300	core 7938	cm 16	50-100-50-100	56.2	1.83	< LOD	6.4	< LOD	30.05	< LOD	1.96	< LOD	7.42	660.49	13.9
300	core 7938	cm 17 bone	50-100-50-100	52.77	1.7	10.25	4.38	< LOD	16.12	< LOD	1.97	< LOD	7.81	584.73	12.54
300	core 7938	cm 18	50-100-50-100	69.86	1.87	8.32	3.19	12.37	4.16	< LOD	1.59	< LOD	5.36	48.3	4.41
300	core 7938	cm 20	50-100-50-100	68.45	1.88	10.18	3.38	10.27	4.82	< LOD	2.1	< LOD	5.92	77.2	5.21
300	core 7938	cm 20	50-100-50-100	68.95	1.84	9.99	3.3	10.01	4.7	< LOD	1.62	< LOD	8.19	76.63	5.09
300	core 7938	cm 22	50-100-50-100	63.45	1.82	< LOD	5.14	12.74	3.48	< LOD	1.88	< LOD	5.8	19.29	3.62
300	core 7938	cm 24	50-100-50-100	68.1	1.86	4.99	3.04	15.44	3.27	< LOD	1.55	< LOD	6.41	11.34	3.33
300	core 7938	cm 26	50-100-50-100	66.68	1.87	< LOD	5.71	21.26	3.37	< LOD	2.14	< LOD	8.44	8.04	3.28
300	core 7938	cm 28	50-100-50-100	69.73	1.85	< LOD	4.43	13.92	3.1	< LOD	2.22	< LOD	5.46	9.02	3.19
300	core 7938	cm 32	50-100-50-100	84.82	2.08	6.8	3.27	13.14	3.66	< LOD	1.75	< LOD	5.96	24.61	3.84
300	core 7972	cm 2	50-100-50-100	68.62	1.8	< LOD	4.49	< LOD	8.75	< LOD	1.52	< LOD	5.47	73.21	4.83
300	core 7972	cm 4	50-100-50-100	69.98	1.87	5.7	3.25	< LOD	7.8	< LOD	2.41	< LOD	5.73	101.85	5.64
300	core 7972	cm 6	50-100-50-100	74.32	1.88	8.27	3.25	< LOD	11.04	< LOD	1.56	< LOD	5.56	103.76	5.55
300	core 7972	cm 8	50-100-50-100	68.86	1.81	6.57	3.1	< LOD	6.76	< LOD	1.5	< LOD	5.41	73.95	4.88
300	core 7972	cm 10	50-100-50-100	80.77	1.96	6.9	3.14	< LOD	6.23	< LOD	1.51	< LOD	5.39	58.91	4.55
300	core 7972	cm 12	50-100-50-100	81.36	1.96	11.56	3.2	6.74	3.41	< LOD	2.78	< LOD	5.26	26.99	3.73
300	core 7972	cm 14	50-100-50-100	84.69	2.02	11.48	3.25	8.3	3.4	< LOD	2.39	< LOD	5.25	23.47	3.68
300	core 7972	cm 16	50-100-50-100	77.88	1.96	6.97	3.09	8.83	3.13	< LOD	2.39	< LOD	5.47	13.95	3.37
300	core 7972	cm 18	50-100-50-100	75.61	1.95	6.1	3.09	6.12	3.11	< LOD	1.93	< LOD	5.73	14.83	3.43
300	core 7972	cm 20	50-100-50-100	80.99	2.01	6.69	3.18	13.05	3.31	< LOD	2.69	< LOD	5.67	14.36	3.49

Duration	SAMPLE	INSPECTOR	MISC	Rb	Rb Error	Bi	Bi Error	As	As Error	Se	Se Error	Au	Au Error	Pb	Pb Error
300	core 7972	cm 22	50-100-50-100	84.08	2.04	6.46	3.17	11.5	3.3	< LOD	1.59	< LOD	5.44	16.53	3.51
300	core 7972	cm 22	50-100-50-100	79.02	2.03	5.25	3.19	16.16	3.44	< LOD	2.39	< LOD	5.59	14.04	3.53
300	core 7972	cm 24	50-100-50-100	84.92	2.05	9.2	3.23	7.68	3.12	< LOD	1.61	< LOD	5.54	13.71	3.41
300	core 7972	cm 26	50-100-50-100	81.7	2	8.49	3.15	< LOD	4.42	< LOD	2.22	< LOD	5.61	13.29	3.35
300	core 7943	cm 2	50-100-50-100	64.88	1.77	6.1	3.06	< LOD	6.51	< LOD	1.55	< LOD	5.43	65.36	4.72
300	core 7943	cm 4	50-100-50-100	67.05	1.82	5.75	3.17	8.06	4.59	< LOD	1.6	< LOD	5.7	72.79	4.98
300	core 7943	cm 6	50-100-50-100	66.14	1.8	6.32	3.05	8.91	3.97	< LOD	1.62	< LOD	5.47	46.15	4.27
300	core 7943	cm 8	50-100-50-100	63.02	1.75	< LOD	6.12	9.69	3.72	< LOD	2.32	< LOD	5.14	36.08	3.99
300	core 7943	cm 10	50-100-50-100	69.99	1.84	9.25	3.26	< LOD	7.47	< LOD	1.82	< LOD	7.29	95.18	5.41
300	core 7943	cm 12	50-100-50-100	76.38	1.89	8.67	3.08	< LOD	5.25	< LOD	1.5	< LOD	5.32	33.96	3.87
300	core 7943	cm 14	50-100-50-100	78.22	1.91	7.23	3.03	< LOD	4.75	< LOD	1.5	< LOD	5.85	22.21	3.52
300	core 7943	cm 16	50-100-50-100	76.19	1.89	9.61	3.07	5.35	3.19	< LOD	1.5	< LOD	5.44	21.47	3.5
300	core 7943	cm 18	50-100-50-100	75.62	1.89	9.54	3.07	5.59	3.15	< LOD	1.96	< LOD	6.64	19.91	3.47
300	core 7943	cm 20	50-100-50-100	79.66	1.93	6.38	3.01	< LOD	4.63	< LOD	1.5	< LOD	5.32	19.53	3.43
300	core 7943	cm 22	50-100-50-100	78.85	1.96	9.5	3.16	8.32	3.32	< LOD	1.81	< LOD	5.55	20.91	3.58
300	core 7943	cm 24	50-100-50-100	79	1.93	9.79	3.12	< LOD	4.85	< LOD	1.52	< LOD	5.32	23.75	3.6
300	core 7943	cm 26	50-100-50-100	84.16	2.03	< LOD	4.59	11.47	3.16	< LOD	2.64	< LOD	5.43	12.31	3.34
300	core 7943	cm 28	50-100-50-100	78.36	2	9.44	3.2	6.3	3.02	< LOD	1.98	< LOD	6.5	11.13	3.33
300	core 7943	cm 32	50-100-50-100	73.17	1.88	7.21	3.11	8.14	3.86	< LOD	2.94	< LOD	5.7	41.54	4.18
300	core 7946	cm 2	50-100-50-100	65.54	1.8	8.91	3.17	6.49	4.27	< LOD	1.91	< LOD	5.77	58.96	4.64
296.58	core 7946	cm 4	50-100-50-100	73.85	1.89	6.89	3.18	< LOD	6.61	< LOD	1.64	< LOD	5.62	67.23	4.82
300	core 7946	cm 6	50-100-50-100	75.86	1.94	6.95	3.23	7.65	4.2	< LOD	1.86	< LOD	5.64	53.81	4.58
300	core 7946	cm 8	50-100-50-100	73.94	1.93	6.03	3.14	5.66	3.74	< LOD	1.7	< LOD	5.72	36.39	4.11
300	core 7946	cm 10	50-100-50-100	76.08	2.03	< LOD	7.42	9.74	4.72	< LOD	2.92	< LOD	6.19	66.73	5.19
300	core 7946	cm 12	50-100-50-100	84.86	2.04	11.72	3.32	8.24	3.88	< LOD	1.66	< LOD	5.65	40.56	4.19
300	core 7946	cm 14	50-100-50-100	78.17	2.08	5.73	3.32	6.24	3.8	< LOD	1.9	< LOD	8.89	31.63	4.18
300	core 7946	cm 16	50-100-50-100	84.84	2.09	6.27	3.22	< LOD	5.04	< LOD	2.62	< LOD	5.83	22.05	3.74
300	core 7946	cm 18	50-100-50-100	89.22	2.12	13.77	3.4	6.68	3.29	< LOD	2	< LOD	5.67	18.6	3.61

Duration	SAMPLE	INSPECTOR	MISC	Rb	Rb Error	Bi	Bi Error	As	As Error	Se	Se Error	Au	Au Error	Pb	Pb Error
300	core 7946	cm 20	50-100-50-100	93.85	2.13	12.72	3.35	4.96	3.26	< LOD	2.74	< LOD	7.14	20.84	3.64
300	core 7946	cm 22	50-100-50-100	81.61	2.04	8.61	3.23	7.87	3.28	< LOD	1.7	< LOD	5.86	17.44	3.56
300	core 7946	cm 24	50-100-50-100	74.54	2.01	7.11	3.27	28.22	3.9	< LOD	1.84	< LOD	8.72	16.59	3.67
300	core 7946	cm 26	50-100-50-100	78.24	1.96	4.74	3.05	16.43	3.38	< LOD	1.58	< LOD	5.68	15.25	3.41
300	core 7946	cm 28	50-100-50-100	75.26	1.9	7.21	3.03	7.26	3.06	< LOD	2.27	< LOD	5.54	14.26	3.33
300	core 7875	cm 2	50-100-50-100	56.08	1.65	5.49	3.14	< LOD	10.88	< LOD	1.51	< LOD	5.71	132.5	6.09
300	core 7875	cm 4	50-100-50-100	55.03	1.75	< LOD	4.1	19.63	6.22	< LOD	1.68	< LOD	6.05	136.83	6.63
300	core 7875	cm 4	50-100-50-100	71.99	1.84	< LOD	4.58	< LOD	6.99	< LOD	1.52	< LOD	5.29	83.43	5.08
300	core 7875	cm 6	50-100-50-100	70.92	1.85	< LOD	4.58	< LOD	8.18	< LOD	1.54	< LOD	5.68	73.65	4.92
300	core 7875	cm 6	50-100-50-100	66.43	1.77	< LOD	4.58	< LOD	7.35	< LOD	1.57	< LOD	7.17	57.12	4.43
300	core 7875	cm 8	50-100-50-100	79.58	2	< LOD	3.67	< LOD	6.81	< LOD	2.19	< LOD	5.89	69.92	4.95
300	core 7875	cm 10	50-100-50-100	63.95	1.74	< LOD	3.15	< LOD	6.78	< LOD	2.22	< LOD	5.47	31.48	3.75
300	core 7875	cm 12	50-100-50-100	70.87	1.84	< LOD	4.51	< LOD	7.43	< LOD	2.72	< LOD	5.63	52.61	4.4
300	core 7875	cm 14	50-100-50-100	58.37	1.68	5.57	2.96	< LOD	6.07	< LOD	2.06	< LOD	5.56	54.55	4.44
300	core 7875	cm 14	50-100-50-100	72.55	1.89	8.29	3.3	< LOD	9.4	< LOD	1.62	< LOD	5.6	96.62	5.5
300	core 7875	cm 16	50-100-50-100	71.53	1.89	8.25	3.19	10.21	4.01	< LOD	1.59	< LOD	5.66	43.61	4.28
300	core 7875	cm 18	50-100-50-100	72.34	1.87	7.91	3.06	5.24	3.33	< LOD	1.54	< LOD	5.34	25.43	3.67
300	core 7875	cm 20	50-100-50-100	73.57	1.89	5.79	3	< LOD	4.75	< LOD	2.29	< LOD	5.46	20.56	3.53
300	core 7875	cm 22	50-100-50-100	81.1	1.99	7.21	3.09	6.7	3	< LOD	2.88	< LOD	7.83	12.01	3.29
300	core 7875	cm 24	50-100-50-100	76.65	1.92	8.75	3.08	5.63	2.9	< LOD	1.6	< LOD	5.61	10.46	3.2
300	core 7875	cm 26	50-100-50-100	71.69	1.9	6.27	3.09	14.44	3.55	< LOD	2.79	< LOD	5.64	22.08	3.68
300	core 7875	cm 28	50-100-50-100	76.49	1.92	9.99	3.13	6.69	3.09	< LOD	1.52	< LOD	5.34	15.63	3.38
183.2	7936	core 2cm	30-60-30-60	45.67	2.38	< LOD	6.13	28.67	7.9	< LOD	4.86	< LOD	9.2	80.28	8.26
183.36	7936	core 4cm	30-60-30-60	70.15	2.41	6.21	4.09	< LOD	8.17	< LOD	2.35	< LOD	7.61	57.34	5.99
182.09	7936	core 6cm	30-60-30-60	59.19	2.48	< LOD	5.83	22.49	7.37	< LOD	2.72	< LOD	13.68	87.51	7.74
183.21	7936	core 8cm	30-60-30-60	76.84	2.5	< LOD	6.03	< LOD	10.29	< LOD	2.28	< LOD	8.61	42.64	5.44
183.32	7936	core 10cm	30-60-30-60	78.08	2.54	10.44	4.13	< LOD	6.18	< LOD	3.09	< LOD	7.1	17.86	4.54
181.31	7936	core 12cm	30-60-30-60	72.89	2.45	8.42	3.98	7.64	4.04	< LOD	3.14	< LOD	7.52	15.07	4.38

Duration	SAMPLE	INSPECTOR	MISC	Rb	Rb Error	Bi	Bi Error	As	As Error	Se	Se Error	Au	Au Error	Pb	Pb Error
182.43	7936	core 14cm	30-60-30-60	75.96	2.52	8.98	4.07	6.34	4.04	< LOD	3.25	< LOD	7.67	14.57	4.44
181.41	7936	core 16cm	30-60-30-60	77.51	2.58	13.48	4.34	9.73	4.45	< LOD	2.36	< LOD	7.5	20.44	4.77
182.96	7936	core 18cm	30-60-30-60	76.35	2.55	10.12	4.18	7.12	4.47	< LOD	2.3	< LOD	11.39	24.26	4.84
184.01	7936	core 20cm	30-60-30-60	75.95	2.49	7.7	4.01	< LOD	9.23	< LOD	2.54	< LOD	7.18	21.88	4.66
183.66	7936	core 22cm	30-60-30-60	71.68	2.44	9.9	4.04	< LOD	8.85	< LOD	2.27	< LOD	7.37	16.04	4.43
181.87	7936	core 24cm	30-60-30-60	71.99	2.44	9.43	4.02	8.6	3.75	< LOD	1.93	< LOD	7.11	6.91	4.01
213.06	7936	core 26cm	30-60-30-60	74.05	1.71	8.72	2.79	7.21	2.77	< LOD	2.22	< LOD	6	13.5	3.02
182.58	7936	core 28cm	30-60-30-60	75.42	2.57	9.72	4.19	7.96	4.18	< LOD	2.42	< LOD	9.3	14.75	4.52
181.14	7936	core 32cm	30-60-30-60	81.56	2.7	7.52	4.27	7.76	4.47	< LOD	3.92	< LOD	8.12	20.13	4.88
214.55	7495	cm 2	30-60-30-60	66.96	1.67	5.74	2.8	8.07	3.43	< LOD	1.52	< LOD	5.2	36.06	3.7
182.03	7495	cm 4	30-60-30-60	68.37	2.51	7.75	4.25	9.26	5.01	< LOD	4.32	< LOD	7.53	31.69	5.4
181.09	7495	cm 6	30-60-30-60	71.21	2.42	< LOD	5.8	< LOD	7.72	< LOD	2	< LOD	7.19	17.09	4.44
182.22	7495	cm 8	30-60-30-60	67.08	2.32	< LOD	8.29	< LOD	6.31	< LOD	1.96	< LOD	7.03	22.72	4.57
182.81	7495	cm 10	30-60-30-60	78.26	2.56	7.59	4.1	9.3	4.18	< LOD	2.29	< LOD	10.64	15.34	4.48
183.08	7495	cm 12	30-60-30-60	72.81	2.45	8.29	4	< LOD	9.35	< LOD	2.23	< LOD	7.31	21.48	4.63
182.95	7495	cm 14	30-60-30-60	68.65	2.34	6.7	3.82	< LOD	5.72	< LOD	2	< LOD	7.42	12.98	4.18
181.64	7495	cm 16	30-60-30-60	76.95	2.52	9.36	4.06	< LOD	7.87	< LOD	2.18	< LOD	7.06	16.63	4.43
183.37	7495	cm 18	30-60-30-60	76.29	2.5	< LOD	5.76	7.5	3.91	< LOD	2.28	< LOD	7.41	12.4	4.21
187.48	7495	cm 20	30-60-30-60	78.14	2.38	6.33	3.72	< LOD	5.73	< LOD	1.79	< LOD	6.94	18.92	4.23
181.88	7495	cm 22	30-60-30-60	74.58	2.52	8.52	4.08	< LOD	7.86	< LOD	2.68	< LOD	12.24	21.06	4.7
180.79	7495	cm 24	30-60-30-60	75.61	2.51	< LOD	8.48	< LOD	6.19	< LOD	2.25	< LOD	7.62	20.23	4.57
181.64	7495	cm 26	30-60-30-60	77.22	2.57	9.23	4.15	< LOD	7.04	< LOD	2.38	< LOD	7.6	16.22	4.54
182.01	7495	cm 28	30-60-30-60	68.42	2.45	< LOD	5.96	14.06	4.3	< LOD	3.81	< LOD	7.91	11.84	4.44
181.57	7495	cm 33	30-60-30-60	79.05	2.64	7.27	4.19	12.8	4.33	< LOD	3.39	< LOD	7.76	12.74	4.53
180.06	7495	cm 34	30-60-30-60	76.56	2.53	7.88	4.06	6.93	3.91	< LOD	2.32	< LOD	8.27	11.15	4.27

Duration	SAMPLE	INSPECTOR	MISC	W	W Error	Zn	Zn Error	Cu	Cu Error	Ni	Ni Error	Co	Co Error	Fe	Fe Error
300	core 7938	cm 2	50-100-50-100	< LOD	37.52	41.35	5.58	31.74	9.78	< LOD	24.16	< LOD	60.34	15346.29	148.53
300	core 7938	cm 4	50-100-50-100	< LOD	40.92	36.38	5.87	34.42	10.91	< LOD	27.79	< LOD	55.2	10782.46	133.06
300	core 7938	cm 6	50-100-50-100	< LOD	39.66	55.35	6.29	46.47	10.65	< LOD	26.99	< LOD	73.71	22540.43	191.81
300	core 7938	cm 8	50-100-50-100	< LOD	38.05	34.32	5.56	40.19	10.12	< LOD	25.56	< LOD	63.59	16132.74	158.45
300	core 7938	cm 10	50-100-50-100	< LOD	38.07	64.39	6.34	105	11.45	< LOD	24.68	< LOD	66.6	18557.75	167.65
300	core 7938	cm 12	50-100-50-100	< LOD	40.74	47.74	6.09	70.86	11.07	< LOD	26	< LOD	59.48	12952.36	144.69
300	core 7938	cm 14	50-100-50-100	< LOD	40.7	122.76	7.98	342.35	15.94	< LOD	25.77	< LOD	90.1	36642.16	246.71
300	core 7938	cm 16	50-100-50-100	< LOD	45.87	98.15	8.11	619.85	21.41	< LOD	28.67	< LOD	118.64	63093.55	361.13
300	core 7938	cm 17 bone	50-100-50-100	< LOD	51.72	521.92	14.81	482.14	18.82	< LOD	27.61	< LOD	80.94	25720.01	215.58
300	core 7938	cm 18	50-100-50-100	< LOD	39.67	81.22	7.02	104.37	11.82	< LOD	26.3	< LOD	91.82	36542.2	249.37
300	core 7938	cm 20	50-100-50-100	< LOD	40.22	76.1	6.91	101.33	11.89	< LOD	27.1	< LOD	97.19	42258.46	272.19
300	core 7938	cm 20	50-100-50-100	< LOD	40.55	75.07	6.79	97.88	11.55	< LOD	26.25	< LOD	95.74	42639.17	269.47
300	core 7938	cm 22	50-100-50-100	< LOD	40.93	53.16	6.4	34.78	10.66	< LOD	27.35	< LOD	91.38	34122.27	245.82
300	core 7938	cm 24	50-100-50-100	< LOD	39.98	49.77	6.16	< LOD	14.55	< LOD	26.68	< LOD	97.47	41308.1	269.15
300	core 7938	cm 26	50-100-50-100	< LOD	40.82	52.38	6.3	22.81	10.12	< LOD	27.24	< LOD	104.45	47983.43	295.7
300	core 7938	cm 28	50-100-50-100	< LOD	39.16	53.91	6.21	20.27	9.81	< LOD	26.33	< LOD	88.17	33984.89	238.28
300	core 7938	cm 32	50-100-50-100	< LOD	42.05	87.9	7.3	36.83	10.85	< LOD	27.31	< LOD	93.8	37680.83	258.46
300	core 7972	cm 2	50-100-50-100	< LOD	39.35	95.13	7.18	110	11.68	< LOD	25.39	< LOD	71.64	21356.77	182.71
300	core 7972	cm 4	50-100-50-100	< LOD	40.44	96.87	7.41	135.88	12.6	< LOD	26.43	< LOD	83.61	29254.39	220.6
300	core 7972	cm 6	50-100-50-100	< LOD	39.15	82.63	6.91	128.01	12.14	< LOD	25.74	< LOD	74.65	23143.82	191.47
300	core 7972	cm 8	50-100-50-100	< LOD	39.57	76.95	6.82	104.47	11.68	< LOD	25.48	< LOD	72	21628.5	185.11
300	core 7972	cm 10	50-100-50-100	< LOD	38.73	69.29	6.58	102.37	11.55	< LOD	25.51	< LOD	73.31	22081.37	187.51
300	core 7972	cm 12	50-100-50-100	< LOD	38.63	83.06	6.87	38.56	10.18	< LOD	25.88	< LOD	80.19	27391.11	208.97
300	core 7972	cm 14	50-100-50-100	< LOD	39.62	81.26	6.96	32.42	10.12	< LOD	25.89	< LOD	83.83	29640.44	220.04
300	core 7972	cm 16	50-100-50-100	< LOD	39.46	81.18	6.95	16.63	9.73	< LOD	26.05	< LOD	85.31	30045.62	224.08
300	core 7972	cm 18	50-100-50-100	< LOD	41.73	72.17	6.88	23.93	10.31	< LOD	27.5	< LOD	87.97	31841.73	232.99
300	core 7972	cm 20	50-100-50-100	< LOD	40.37	82.51	7.04	29.58	10.19	< LOD	26.27	< LOD	100.19	44529.87	279.94

Duration	SAMPLE	INSPECTOR	MISC	W	W Error	Zn	Zn Error	Cu	Cu Error	Ni	Ni Error	Co	Co Error	Fe	Fe Error
300	core 7972	cm 22	50-100-50-100	< LOD	39.56	80.39	6.94	27.36	10.05	< LOD	26.57	< LOD	94.88	40769.05	264.1
300	core 7972	cm 22	50-100-50-100	< LOD	40.15	73.57	6.9	34.58	10.42	< LOD	27.27	< LOD	103.59	48133.28	297.75
300	core 7972	cm 24	50-100-50-100	< LOD	40.2	74.71	6.84	16.81	9.89	< LOD	26.24	< LOD	89.71	34389.64	241.01
300	core 7972	cm 26	50-100-50-100	< LOD	40.33	76.2	6.87	29.23	10.16	< LOD	26.71	< LOD	83.76	28679.79	218.62
300	core 7943	cm 2	50-100-50-100	< LOD	39.9	111.38	7.65	137.29	12.39	< LOD	25.96	< LOD	75.85	23451.6	193.71
300	core 7943	cm 4	50-100-50-100	< LOD	40.46	104.17	7.54	151.05	12.73	< LOD	25.59	< LOD	91.08	35799.16	244.52
300	core 7943	cm 6	50-100-50-100	< LOD	40.2	110.53	7.66	140.45	12.45	< LOD	25.83	< LOD	82.73	28927.8	216.77
300	core 7943	cm 8	50-100-50-100	< LOD	39.25	82.83	6.98	118.21	12.08	< LOD	26.14	< LOD	85.26	32414.81	229.2
300	core 7943	cm 10	50-100-50-100	< LOD	40.04	102.75	7.43	151.18	12.66	< LOD	25.88	< LOD	75.04	22987.04	192.19
300	core 7943	cm 12	50-100-50-100	< LOD	39.09	86.31	6.98	88.02	11.22	< LOD	25.58	< LOD	73.25	22064.76	186.26
300	core 7943	cm 14	50-100-50-100	< LOD	38.14	81.64	6.77	58.85	10.56	< LOD	25.35	< LOD	74.24	23334.8	191.24
300	core 7943	cm 16	50-100-50-100	< LOD	39.53	78.32	6.79	62.48	10.65	< LOD	25.57	< LOD	72.42	21515.27	183.97
300	core 7943	cm 18	50-100-50-100	< LOD	39.34	78.1	6.76	52.13	10.4	< LOD	25.46	< LOD	75.06	23528.16	192.59
300	core 7943	cm 20	50-100-50-100	< LOD	38.21	83.93	6.86	59.74	10.59	< LOD	25.81	< LOD	74.94	23103.62	191
300	core 7943	cm 22	50-100-50-100	< LOD	40.07	74.53	6.81	29.22	10.03	< LOD	26.08	< LOD	78.81	25405.77	204.4
300	core 7943	cm 24	50-100-50-100	< LOD	39.54	80.66	6.88	50.8	10.44	< LOD	26.33	< LOD	77.14	25201.44	200.39
300	core 7943	cm 26	50-100-50-100	< LOD	39.22	83.26	6.99	17.04	9.85	< LOD	26.47	< LOD	91.14	34983.18	243.36
300	core 7943	cm 28	50-100-50-100	< LOD	41.83	76.55	7.01	22.18	10.24	< LOD	27.51	< LOD	86.04	29716.3	226.46
300	core 7943	cm 32	50-100-50-100	< LOD	42.59	96.25	7.43	78.19	11.41	< LOD	27.13	< LOD	82.91	29214.5	218.6
300	core 7946	cm 2	50-100-50-100	< LOD	42.04	98.38	7.48	72.55	11.54	< LOD	27.25	< LOD	77.48	24455.71	200.45
296.58	core 7946	cm 4	50-100-50-100	< LOD	40.83	102.49	7.48	78.33	11.34	< LOD	26.24	< LOD	82.53	28841.79	216.95
300	core 7946	cm 6	50-100-50-100	< LOD	42.58	125.27	8.12	65.45	11.27	< LOD	27.5	< LOD	94.58	39047.09	258.62
300	core 7946	cm 8	50-100-50-100	< LOD	42.76	106.53	7.78	43.61	10.91	< LOD	27.57	< LOD	83.29	28233.82	219.42
300	core 7946	cm 10	50-100-50-100	< LOD	43.75	103.66	7.85	72.23	11.55	< LOD	27.5	< LOD	117.24	67250.41	367.58
300	core 7946	cm 12	50-100-50-100	< LOD	41.88	109.44	7.74	74.21	11.28	< LOD	26.6	< LOD	80.4	26848.64	211.07
300	core 7946	cm 14	50-100-50-100	< LOD	45.76	86.78	7.66	53.49	11.77	< LOD	29.47	< LOD	95.32	35314.26	257.92
300	core 7946	cm 16	50-100-50-100	< LOD	42.17	85.8	7.31	< LOD	15.53	< LOD	28.64	< LOD	87.58	29880.94	229.16
300	core 7946	cm 18	50-100-50-100	< LOD	42.57	95.34	7.53	29.25	10.46	< LOD	27.48	< LOD	84.32	28126.09	219.16

Duration	SAMPLE	INSPECTOR	MISC	W	W Error	Zn	Zn Error	Cu	Cu Error	Ni	Ni Error	Co	Co Error	Fe	Fe Error
300	core 7946	cm 20	50-100-50-100	< LOD	41.54	101.22	7.47	27.41	10.14	< LOD	26.74	< LOD	85.05	30476.69	225.09
300	core 7946	cm 22	50-100-50-100	< LOD	42.43	75.12	7.02	23.15	10.46	< LOD	28.1	< LOD	87.96	30990.94	232.14
300	core 7946	cm 24	50-100-50-100	< LOD	43.81	55.65	6.66	22.99	10.63	< LOD	27.7	< LOD	98.54	39208.08	270.25
300	core 7946	cm 26	50-100-50-100	< LOD	41.61	61.53	6.57	17.68	10.01	< LOD	26.86	< LOD	86.46	30844.87	227.55
300	core 7946	cm 28	50-100-50-100	< LOD	41.25	57.41	6.4	< LOD	21.92	< LOD	27.22	< LOD	79.48	26356.7	206.24
300	core 7875	cm 2	50-100-50-100	< LOD	40.49	97.83	7.33	116.78	11.97	< LOD	26.37	< LOD	74.27	22772.56	190.42
300	core 7875	cm 4	50-100-50-100	< LOD	41.06	77.87	7.13	161.05	13.44	< LOD	27.68	< LOD	114.39	63005.3	351.72
300	core 7875	cm 4	50-100-50-100	< LOD	39.39	96.15	7.24	112.75	11.75	< LOD	25.31	< LOD	72.69	22022.96	186.02
300	core 7875	cm 6	50-100-50-100	< LOD	39.32	91.55	7.15	107.24	11.76	< LOD	25.52	< LOD	73.93	22222.61	189.24
300	core 7875	cm 6	50-100-50-100	< LOD	39.87	74.11	6.68	86.24	11.35	< LOD	26.62	< LOD	68.25	18868.49	171.48
300	core 7875	cm 8	50-100-50-100	< LOD	42.23	74.85	7	89.24	11.75	< LOD	27.72	< LOD	89.05	31670.19	232.4
300	core 7875	cm 10	50-100-50-100	< LOD	38.58	54.12	6.12	54.71	10.5	< LOD	24.81	< LOD	65.53	17284.73	164.35
300	core 7875	cm 12	50-100-50-100	< LOD	39.29	57.56	6.28	76.5	11.1	< LOD	25.52	< LOD	73.55	22638.84	189.38
300	core 7875	cm 14	50-100-50-100	< LOD	39.26	85.12	6.99	111.58	11.85	< LOD	26.37	< LOD	74.63	23218.91	192.2
300	core 7875	cm 14	50-100-50-100	< LOD	40.33	100.17	7.45	116.76	12.24	< LOD	25.74	< LOD	80.08	26735.17	210.27
300	core 7875	cm 16	50-100-50-100	< LOD	40.45	85.32	7.16	171.23	13.32	< LOD	27.06	< LOD	89.18	33258.38	237.36
300	core 7875	cm 18	50-100-50-100	< LOD	39.21	82.2	6.95	101	11.61	< LOD	25.9	< LOD	80.34	26480.81	206.59
300	core 7875	cm 20	50-100-50-100	< LOD	40.68	76.09	6.89	48.52	10.67	< LOD	27.02	< LOD	76.21	23656.21	196.48
300	core 7875	cm 22	50-100-50-100	< LOD	39.54	76.13	6.78	42.48	10.36	< LOD	26.02	< LOD	82.42	28005.63	215.02
300	core 7875	cm 24	50-100-50-100	< LOD	40.33	70.32	6.68	34.72	10.26	< LOD	26.34	< LOD	77	24139.49	197.34
300	core 7875	cm 26	50-100-50-100	< LOD	40.6	77.75	6.97	70.71	11.21	< LOD	25.96	< LOD	87.41	31369.88	230.42
300	core 7875	cm 28	50-100-50-100	< LOD	39.17	84.55	7	66.13	10.93	< LOD	26.81	< LOD	80.42	26623.64	208.27
183.2	7936	core 2cm	30-60-30-60	< LOD	63.77	89.35	11.04	223.59	21.81	< LOD	41.66	< LOD	204.47	105243.2	712.42
183.36	7936	core 4cm	30-60-30-60	< LOD	52.99	90.15	9.36	109.36	15.57	< LOD	34.28	< LOD	117.79	35389.42	314.98
182.09	7936	core 6cm	30-60-30-60	< LOD	58.94	87.64	10.16	199.82	19.48	< LOD	38.21	< LOD	167.64	71839.91	519.51
183.21	7936	core 8cm	30-60-30-60	< LOD	52.31	87.56	9.22	86.72	14.88	< LOD	34.81	< LOD	105.44	27050.58	272.27
183.32	7936	core 10cm	30-60-30-60	< LOD	52.99	65.7	8.71	57.36	14.12	< LOD	34.12	< LOD	97.51	22338.09	249.15
181.31	7936	core 12cm	30-60-30-60	< LOD	52.21	72.5	8.75	48.07	13.83	< LOD	34.77	< LOD	101.59	24478.01	259.27

Duration	SAMPLE	INSPECTOR	MISC	W	W Error	Zn	Zn Error	Cu	Cu Error	Ni	Ni Error	Co	Co Error	Fe	Fe Error
182.43	7936	core 14cm	30-60-30-60	< LOD	52.65	81.06	9.11	44.03	13.84	< LOD	35.2	< LOD	101.61	24485.89	261.92
181.41	7936	core 16cm	30-60-30-60	< LOD	54.24	78.54	9.22	44.05	13.91	< LOD	35.66	< LOD	116.21	32235.24	306.5
182.96	7936	core 18cm	30-60-30-60	< LOD	55.21	74.05	9.04	51.34	14.2	< LOD	35.31	< LOD	105.73	26002.62	272.34
184.01	7936	core 20cm	30-60-30-60	< LOD	50.84	80.41	9	100.61	15.27	< LOD	34.38	< LOD	100.03	23419.78	253.6
183.66	7936	core 22cm	30-60-30-60	< LOD	51.99	60.83	8.39	34.83	13.34	< LOD	34.48	< LOD	100.39	24064.63	257.85
181.87	7936	core 24cm	30-60-30-60	< LOD	51.57	54.34	8.18	23.01	13.1	< LOD	34.25	< LOD	100.29	23942.9	257.85
213.06	7936	core 26cm	30-60-30-60	< LOD	35.23	53.98	5.58	24.18	9.09	< LOD	23.51	< LOD	70.29	25195.53	183.31
182.58	7936	core 28cm	30-60-30-60	< LOD	54.86	60.03	8.62	29	13.73	< LOD	36.97	< LOD	108.24	26887.75	280.99
181.14	7936	core 32cm	30-60-30-60	< LOD	55.3	73.76	9.19	30.57	14.01	< LOD	37.37	< LOD	119.73	32885.43	317.22
214.55	7495	cm 2	30-60-30-60	< LOD	38.7	94.16	6.79	50.26	10.08	< LOD	24.67	< LOD	73.38	26303.13	191.11
182.03	7495	cm 4	30-60-30-60	< LOD	56.81	84.34	9.78	52.18	15.09	< LOD	36.53	< LOD	118.84	32254.33	316.6
181.09	7495	cm 6	30-60-30-60	< LOD	52.71	69.06	8.73	29.35	13.43	< LOD	34.28	< LOD	98.42	22956.16	251.65
182.22	7495	cm 8	30-60-30-60	< LOD	51.68	61.49	8.34	< LOD	19.03	< LOD	32.78	< LOD	89.21	18289.37	220.84
182.81	7495	cm 10	30-60-30-60	< LOD	55.69	83.17	9.3	42.07	13.98	< LOD	35.37	< LOD	118.07	34585.9	314.15
183.08	7495	cm 12	30-60-30-60	< LOD	51.31	74.28	8.79	30.73	13.39	< LOD	34.58	< LOD	93.99	20734.18	238.81
182.95	7495	cm 14	30-60-30-60	< LOD	55.64	70.95	8.85	29.97	13.76	< LOD	35.29	< LOD	90.2	19683.04	228.32
181.64	7495	cm 16	30-60-30-60	< LOD	52.26	77.48	8.99	32.3	13.42	< LOD	34.92	< LOD	98.44	22378.74	248.38
183.37	7495	cm 18	30-60-30-60	< LOD	52.42	68.83	8.68	25.48	13.15	< LOD	34.83	< LOD	92.4	19443.5	231.04
187.48	7495	cm 20	30-60-30-60	< LOD	49.48	67.55	8.13	33.96	12.55	< LOD	31.56	< LOD	84.68	19326.46	216.6
181.88	7495	cm 22	30-60-30-60	< LOD	54.09	71.07	8.84	24.5	13.26	< LOD	35.07	< LOD	96.86	21889.89	249.28
180.79	7495	cm 24	30-60-30-60	< LOD	53.24	59.51	8.43	34.5	13.41	< LOD	33.73	< LOD	93.61	20070.93	236.31
181.64	7495	cm 26	30-60-30-60	< LOD	53.94	74.5	9.06	19.95	13.17	< LOD	34.84	< LOD	102.77	24235.68	264.23
182.01	7495	cm 28	30-60-30-60	< LOD	54.41	69.76	8.92	< LOD	20.09	< LOD	36.98	< LOD	123.37	36818.47	332.22
181.57	7495	cm 33	30-60-30-60	< LOD	56.28	63.09	8.92	29.6	13.94	< LOD	37.19	< LOD	118.18	32039.32	310.66
180.06	7495	cm 34	30-60-30-60	< LOD	54.03	55.32	8.3	< LOD	30.04	< LOD	35.81	< LOD	108.44	28662.72	284.84

Duration	SAMPLE	INSPECTOR	MISC	Mn	Mn Error	Cr	Cr Error	V	V Error	Ti	Ti Error	Ca	Ca Error
300	core 7938	cm 2	50-100-50-100	131.74	48.84	63.4	6.68	30.9	11.03	1545.88	21.84	8273.07	140.39
300	core 7938	cm 4	50-100-50-100	125.18	53.11	69.42	6.55	35.9	11.24	1541.34	22.39	7728.47	137.97
300	core 7938	cm 6	50-100-50-100	204.48	53.12	63.56	7.12	63.65	12.22	1651.47	24.1	9009.85	157.25
300	core 7938	cm 8	50-100-50-100	165.13	51.72	62.77	7.01	63.34	12.31	1772.41	24.51	9169.79	155.65
300	core 7938	cm 10	50-100-50-100	196.23	51.45	88.64	7.21	70.15	13.15	2191.64	27.05	8829.04	152.17
300	core 7938	cm 12	50-100-50-100	140.16	51.9	86.52	8.2	67.25	14.22	1855.32	28.41	44184.68	347.91
300	core 7938	cm 14	50-100-50-100	247.62	52.57	158.36	11.29	161.62	20.27	2581.27	38.15	11176.98	205.75
300	core 7938	cm 16	50-100-50-100	238.64	53.83	178.86	13.09	188.33	22.51	2180.31	40.24	8817.35	207.78
300	core 7938	cm 17 bone	50-100-50-100	241.62	54.48	115.1	10.28	84.13	17.13	1602.23	34.22	111343.2	632.08
300	core 7938	cm 18	50-100-50-100	243.4	53	136.65	10.34	153.23	18.91	2706.19	36.99	10405.84	199.16
300	core 7938	cm 20	50-100-50-100	380.25	56.04	151.64	10.63	140.95	19.01	2152.38	35.28	12329.28	213.34
300	core 7938	cm 20	50-100-50-100	425.8	55.73	174.24	12.42	174.48	22.33	2709.76	41.75	14550.79	246.4
300	core 7938	cm 22	50-100-50-100	440.76	58.3	116.24	10.17	139.65	18.05	2691.27	35.9	10515.31	198.19
300	core 7938	cm 24	50-100-50-100	424.15	56.4	129.13	10.46	150.25	18.94	2825.32	38.02	9875.54	205.13
300	core 7938	cm 26	50-100-50-100	425.43	56.62	129.2	11.22	176.39	20.08	2841.44	39.5	10020.78	213.7
300	core 7938	cm 28	50-100-50-100	442.4	56.64	113.46	10.01	142.8	18.27	2803.91	36.78	10966.13	205.55
300	core 7938	cm 32	50-100-50-100	492.78	58.82	153.55	11.68	176.96	22.17	3837.5	45.92	12810.57	237.28
300	core 7972	cm 2	50-100-50-100	291.07	53.82	128.66	8.66	99.12	15.69	2649.73	32.3	11400.18	184.46
300	core 7972	cm 4	50-100-50-100	351.66	55.87	95.71	7.51	89.19	13.87	2247.15	28.14	9898.6	160.47
300	core 7972	cm 6	50-100-50-100	303.67	54.58	96.45	8.12	106.09	14.79	2168.45	29.07	11677.68	177.85
300	core 7972	cm 8	50-100-50-100	215.26	52.88	102.38	8	104.84	14.88	2343.69	29.82	10421.09	168.93
300	core 7972	cm 10	50-100-50-100	304.34	54.48	128.48	8.84	121.84	16.3	2600.56	32.7	12987.12	196.02
300	core 7972	cm 12	50-100-50-100	335.06	54.77	125.33	9.66	151.21	18.65	3211.74	38.26	9368.08	186.01
300	core 7972	cm 14	50-100-50-100	380.81	55.95	88.8	7.81	99.82	14.63	2235.91	29.64	6492.47	147.56
300	core 7972	cm 16	50-100-50-100	379.53	56.45	121.17	9.66	145.78	18.42	3176.3	38.01	9183.96	185.54
300	core 7972	cm 18	50-100-50-100	314.33	55.45	126.9	9.73	145.37	18.28	3033.77	37.57	8191.08	180.96
300	core 7972	cm 20	50-100-50-100	410.97	55.86	147.43	10.81	170.73	20.18	3130.51	40.57	8272.51	195.25

Duration	SAMPLE	INSPECTOR	MISC	Mn	Mn Error	Cr	Cr Error	V	V Error	Ti	Ti Error	Ca	Ca Error
300	core 7972	cm 22	50-100-50-100	412.51	56.03	149.2	10.63	162.16	19.8	2951.67	39.46	8042.52	191.2
300	core 7972	cm 22	50-100-50-100	510.91	58.42	151.36	11.58	181.74	21.06	2871.79	40.96	7869.98	198.59
300	core 7972	cm 24	50-100-50-100	397.33	56.56	114.39	9.23	149.27	17.48	2756.9	35.29	7369.94	169.86
300	core 7972	cm 26	50-100-50-100	356.54	55.94	131.26	9.91	152.23	19.09	3379.67	39.67	9053.09	188.09
300	core 7943	cm 2	50-100-50-100	251.41	53.49	108.88	8.39	110.14	15.61	2609.62	32.04	10207.5	175.14
300	core 7943	cm 4	50-100-50-100	275.12	53.18	100.95	8.94	117.2	16.41	2407.7	32.45	10944.48	188.99
300	core 7943	cm 6	50-100-50-100	319.8	54.47	108.02	9.14	116.73	16.65	2652.45	33.83	10055.45	184.66
300	core 7943	cm 8	50-100-50-100	306.42	53.75	107.51	8.97	123.49	16.38	2329.89	32.14	9581.03	179.32
300	core 7943	cm 10	50-100-50-100	326.87	55.25	117.31	8.83	115.84	16.36	2565.87	32.7	12950.27	194.08
300	core 7943	cm 12	50-100-50-100	287.47	53.68	102.37	8.67	121.05	16.1	2744.19	33.01	9989.32	175.92
300	core 7943	cm 14	50-100-50-100	245.89	52.76	101.72	8.32	110.76	15.56	2645.82	31.99	9397.67	168.5
300	core 7943	cm 16	50-100-50-100	262.83	53.5	117.46	8.89	122.72	16.7	2858.55	34.12	9616.17	172.61
300	core 7943	cm 18	50-100-50-100	247.84	53.06	118.52	9	132.4	16.92	2866.07	34.6	9075.85	172.71
300	core 7943	cm 20	50-100-50-100	258.87	53.54	128.36	9.14	148.33	17.23	3033.35	35.23	8764.24	167.55
300	core 7943	cm 22	50-100-50-100	342.11	56.15	130.96	9.56	127.42	17.96	2960.51	36.46	11773.81	197.8
300	core 7943	cm 24	50-100-50-100	347.65	55.3	125.02	9.17	143.87	17.31	2733.37	34.37	8811.83	170.45
300	core 7943	cm 26	50-100-50-100	365.16	55.61	134.77	10.56	185.4	20.24	3257.53	40.72	8890.91	195.06
300	core 7943	cm 28	50-100-50-100	353.19	57.03	132.01	10.09	166.78	18.83	3176.4	38.47	9377.24	189.68
300	core 7943	cm 32	50-100-50-100	422.99	56.67	137.52	10.51	166.27	19.8	3428.84	40.78	12019.71	214
300	core 7946	cm 2	50-100-50-100	324.42	55.67	104.72	8.9	116.72	16.35	2645.43	33.22	9052.58	171.14
296.58	core 7946	cm 4	50-100-50-100	379.81	55.9	110.38	9.28	118.87	17.4	2933.34	35.73	10288.78	187.13
300	core 7946	cm 6	50-100-50-100	538.35	58.53	121.87	10.41	154.83	19.18	2780.97	37.82	10749.72	205.6
300	core 7946	cm 8	50-100-50-100	373.92	56.93	117.7	9.91	122.38	18.47	3013.21	37.9	12151.45	209.88
300	core 7946	cm 10	50-100-50-100	1358.74	71.33	151.29	12.01	204.93	21.42	2246.81	38.87	13318.91	241.11
300	core 7946	cm 12	50-100-50-100	318.09	55.47	141	9.58	134.1	18.2	2947.02	36.93	14880.67	221.02
300	core 7946	cm 14	50-100-50-100	386.77	59.45	149.75	10.82	167.32	19.6	2799.93	38.57	10979.03	208.6
300	core 7946	cm 16	50-100-50-100	484.77	59.93	135.88	10.33	160.21	19.74	3449.05	40.8	10776.76	202.23
300	core 7946	cm 18	50-100-50-100	363.16	57.11	127.76	9.82	155.2	18.58	3183.21	38.18	9767.78	188.45

Duration	SAMPLE	INSPECTOR	MISC	Mn	Mn Error	Cr	Cr Error	V	V Error	Ti	Ti Error	Ca	Ca Error
300	core 7946	cm 20	50-100-50-100	376.2	56.02	137.55	10.12	150.78	19.41	3469.23	40.23	10299.62	196.8
300	core 7946	cm 22	50-100-50-100	381.33	57.42	152.4	10.87	176.87	20.79	3602.36	43	10882.53	212.91
300	core 7946	cm 24	50-100-50-100	552.3	61.55	136.52	10.67	172.65	20.18	3388.6	41.37	12338.63	219.81
300	core 7946	cm 26	50-100-50-100	436.83	57.54	125.13	10.03	142.02	19.27	3560.5	40.65	11963.52	209.69
300	core 7946	cm 28	50-100-50-100	347.61	55.64	120.65	10.08	143.97	18.92	3383.81	39.51	11477.65	206.46
300	core 7875	cm 2	50-100-50-100	281.24	53.97	108.7	8.18	101.88	14.96	2249.85	30.03	10274.97	175.32
300	core 7875	cm 4	50-100-50-100	1982.91	80.06	132.55	12.69	205.35	21.09	1539.54	35.65	12694.03	240.21
300	core 7875	cm 4	50-100-50-100	296.97	54.21	105.29	8.13	92.74	15.06	2568.82	31.16	13136	191.63
300	core 7875	cm 6	50-100-50-100	287.77	54.41	101.84	8.8	88.73	16.09	2557.22	32.77	11954.61	193.07
300	core 7875	cm 6	50-100-50-100	231.2	53.01	100.01	7.75	88.7	14.23	2190.54	28.61	11082.67	173.92
300	core 7875	cm 8	50-100-50-100	316.66	55.67	118.64	8.41	138.79	16.45	3122.29	35.04	9144.58	171.42
300	core 7875	cm 10	50-100-50-100	185.85	52.1	88.86	7.18	72.56	12.9	2032.22	26.18	10629.2	163.92
300	core 7875	cm 12	50-100-50-100	343.4	55.1	73.84	7.31	75.92	12.71	1758.97	24.94	8480.32	151.79
300	core 7875	cm 14	50-100-50-100	406.99	57.1	97.48	7.45	72.65	12.18	1520.75	23.21	5464.93	122.53
300	core 7875	cm 14	50-100-50-100	327.09	55.6	152.34	10.22	137.5	18.88	3053.9	38.18	14073.69	219.98
300	core 7875	cm 16	50-100-50-100	453.52	57.55	133.43	10.24	145.45	18.82	2836.33	37.53	9218.15	191.12
300	core 7875	cm 18	50-100-50-100	318.3	54.74	121.98	8.74	124.75	16.53	2766.92	33.73	9161.63	172.58
300	core 7875	cm 20	50-100-50-100	360.36	56.47	139.68	10.02	160.28	19.29	3432.98	40.08	9604.8	192
300	core 7875	cm 22	50-100-50-100	336.9	55.39	119.22	9.39	133.97	17.83	3051.26	36.7	8774.35	179.12
300	core 7875	cm 24	50-100-50-100	336.18	55.52	100.61	8.35	107.86	15.68	2661.7	32.43	8368.17	165.07
300	core 7875	cm 26	50-100-50-100	339.46	55.9	115.07	9.19	135.78	17.27	2905.3	35.41	9107.53	178.43
300	core 7875	cm 28	50-100-50-100	341.77	55.59	126.16	9.48	158.99	17.82	3009.42	36.34	8987.07	179.69
183.2	7936	core 2cm	30-60-30-60	1588.17	102.54	150.41	17.63	198.27	29.09	1482.11	48.73	10942.07	306.2
183.36	7936	core 4cm	30-60-30-60	434.61	73.38	156.51	13.9	154.57	25.28	2463.78	47.9	10509.05	261.82
182.09	7936	core 6cm	30-60-30-60	1241.16	94.12	177.75	17.93	226.51	30.83	1761.77	52.18	11492.79	307.21
183.21	7936	core 8cm	30-60-30-60	327.85	71.85	119.36	11.81	106.09	21.92	2665.43	44.08	9915.47	230.82
183.32	7936	core 10cm	30-60-30-60	254.86	71.24	130.69	11.55	108.72	21.59	2914.31	44.72	9581.7	226.79
181.31	7936	core 12cm	30-60-30-60	346.92	72.65	132.26	12.55	132.99	23.82	3104.5	48.83	9357.78	239.87

Duration	SAMPLE	INSPECTOR	MISC	Mn	Mn Error	Cr	Cr Error	V	V Error	Ti	Ti Error	Ca	Ca Error
182.43	7936	core 14cm	30-60-30-60	266.33	71.54	106.23	11.94	117.25	22.48	3049.23	46.78	8717.33	227.49
181.41	7936	core 16cm	30-60-30-60	330.43	72.81	136.64	12.7	137.88	24.07	3022.83	49.04	8859.92	239
182.96	7936	core 18cm	30-60-30-60	332.11	73.3	135.58	12.12	135.72	23.08	2990.75	47.43	8679.3	231.22
184.01	7936	core 20cm	30-60-30-60	236.63	70.29	132.58	11.81	116.31	22.74	3072.12	47.04	9021.51	226.01
183.66	7936	core 22cm	30-60-30-60	345.44	72.64	115.27	11.68	125.57	22.07	3013.41	46.1	10067.29	239.67
181.87	7936	core 24cm	30-60-30-60	373.46	74.06	123.2	11.44	105.77	21.5	3034.77	45.54	10370.97	239.27
213.06	7936	core 26cm	30-60-30-60	365.75	50.99	149.82	12.75	125.82	24	3423.9	48.66	11019.67	255.92
182.58	7936	core 28cm	30-60-30-60	328.96	74.41	124.86	12.04	121.37	22.83	3125.42	47.98	10323.26	247.69
181.14	7936	core 32cm	30-60-30-60	461.02	78.07	136.42	13.68	142.45	26.18	3454.98	54.47	11159.84	276.95
214.55	7495	cm 2	30-60-30-60	325.2	50.98	116.44	12.34	130.97	22.66	2905.39	44.69	12058.82	254.7
182.03	7495	cm 4	30-60-30-60	471.16	78.99	138.91	13.25	156.72	24.34	3211.74	50.05	12765.87	272.02
181.09	7495	cm 6	30-60-30-60	251.5	71.06	102.21	11.48	111.03	21.17	2790.47	43.9	9927.31	232.27
182.22	7495	cm 8	30-60-30-60	257.33	70.44	90.07	9.93	66.63	18.04	2251.67	36.91	9290.81	206.79
182.81	7495	cm 10	30-60-30-60	623.14	79.04	121.27	12.98	137.5	23.69	2876.06	47.68	9445.13	242.53
183.08	7495	cm 12	30-60-30-60	319.94	72.66	112.65	10.62	97.33	19.51	2439.44	39.7	9833.71	216.88
182.95	7495	cm 14	30-60-30-60	259.5	70.47	111.53	11.09	91.53	20.29	2549.48	41.46	8283.37	207.55
181.64	7495	cm 16	30-60-30-60	497.21	76.86	98.76	11.17	116.65	20.88	2829.94	43.34	9051.25	218.51
183.37	7495	cm 18	30-60-30-60	308.19	72.54	122.77	11.48	110.69	21.37	2914.26	44.74	10235.38	233.73
187.48	7495	cm 20	30-60-30-60	287.72	68.14	117.49	10.71	95.53	19.53	2677.96	40.44	9244.09	212.51
181.88	7495	cm 22	30-60-30-60	338.45	74.19	129.16	11.95	124.04	22.25	2953.1	46.03	12109.51	255.06
180.79	7495	cm 24	30-60-30-60	276.33	72.34	113.94	11.33	111.97	21.11	2607.41	42.8	11033.04	239.57
181.64	7495	cm 26	30-60-30-60	397	76.02	142.01	11.69	103.8	22.13	3163.89	47.22	10358.46	241.36
182.01	7495	cm 28	30-60-30-60	588.4	79.55	122.65	13.52	147.09	24.41	3015.82	49.74	9809.56	259.23
181.57	7495	cm 33	30-60-30-60	471.22	77.85	155.93	13.92	140.29	25.96	3412.29	54.03	11361.55	280.16
180.06	7495	cm 34	30-60-30-60	445.83	75.44	164.79	13.32	139.77	24.58	3403.3	51.47	11181.82	264.13

Duration	SAMPLE	INSPECTOR	MISC	K	K Error	Al	Al Error	P	P Error	Si	Si Error	Cl	Cl Error	S	S Error	Mg	Mg Error
300	core 7938	cm 2	50-100-50-100	15203.45	137.52	19756.75	371.12	1359.11	103.65	209337.3	889.12	< LOD	21.1	201.23	29.17	< LOD	1440.68
300	core 7938	cm 4	50-100-50-100	14411	136.53	18207.57	355.13	807.71	94.83	173819.5	840.8	< LOD	21.9	56.53	30.63	< LOD	1408.79
300	core 7938	cm 6	50-100-50-100	15886.9	149.34	24832.5	408.1	1181.8	99.64	203202.3	891.03	< LOD	18.69	188.57	26.55	< LOD	1179.25
300	core 7938	cm 8	50-100-50-100	17272.44	153.35	23345.51	390.66	1306.6	102.68	221110.7	930.79	< LOD	18.21	336.74	27.02	< LOD	1134.97
300	core 7938	cm 10	50-100-50-100	16008.43	147.45	19021.85	343.58	1221.97	89.33	173126.4	788.73	< LOD	18.24	277.33	26.61	< LOD	1428.25
300	core 7938	cm 12	50-100-50-100	13218.88	138.37	17079.19	378.56	16285.13	163.85	157529.8	745.15	< LOD	20.28	270	30.87	1493.56	881.49
300	core 7938	cm 14	50-100-50-100	16131.57	176.85	26367.4	437.1	2720.86	99.55	156137.7	743.55	< LOD	19.4	789.9	31.81	1441.83	839.19
300	core 7938	cm 16	50-100-50-100	13782.89	182.09	21752.37	418.52	3495.95	99.19	128246.4	668.43	< LOD	22.2	1082.28	35.77	2203.38	930.82
300	core 7938	cm 17 bone	50-100-50-100	10324.77	135.55	11865.54	544.94	68671.59	395.05	71983.27	547.69	965.36	25.46	540.35	52.08	< LOD	3845.26
300	core 7938	cm 18	50-100-50-100	17558.65	181.68	25593.46	425.52	3784.03	102.59	154861.1	738.46	< LOD	19.09	497.93	29.2	2406.64	851.34
300	core 7938	cm 20	50-100-50-100	15032.79	170.47	7744.86	207.38	2041.24	60.14	62767.41	386.23	23.45	10.56	252.9	22.29	< LOD	1073.22
300	core 7938	cm 20	50-100-50-100	18337.34	198	20176.45	375.69	4000.15	97.15	133984.6	658.56	< LOD	18.75	502.92	28.71	1416.2	813.27
300	core 7938	cm 22	50-100-50-100	18149.59	183.84	26309.65	456.77	1932.69	107.99	191618.5	870.16	< LOD	21.19	241.22	29.58	1387.38	903.27
300	core 7938	cm 24	50-100-50-100	17761.3	189.33	23326.51	412.78	1588.13	95.46	168529.4	777.72	< LOD	19.06	200.97	26.52	2472.71	863.83
300	core 7938	cm 26	50-100-50-100	18321.01	197.78	25496.16	445.15	1770.13	99.87	175159.1	817.4	< LOD	19.41	247.98	27.35	2293.78	901.06
300	core 7938	cm 28	50-100-50-100	18787.79	188.95	24965.17	427.6	1701.19	101.58	191372.1	840.36	< LOD	19.49	201.17	26.64	2595.31	873.15
300	core 7938	cm 32	50-100-50-100	24183.16	226.96	19075.14	355.07	1055.75	81.08	135132.2	664.25	< LOD	19.68	238.77	27.85	< LOD	1217.36
300	core 7972	cm 2	50-100-50-100	16563.91	160.31	22635.03	387.99	1742.69	96.16	177817.9	804.55	< LOD	18.82	284.93	27.21	1795.13	793.13

Duration	SAMPLE	INSPECTOR	MISC	K	K Error	Al	Al Error	P	P Error	Si	Si Error	Cl	Cl Error	S	S Error	Mg	Mg Error
300	core 7972	cm 4	50-100-50-100	14147.85	139.12	17815.25	326.81	1343.11	80.81	142815.2	692.24	< LOD	17.33	180.84	24.81	1786.67	727.28
300	core 7972	cm 6	50-100-50-100	13733.85	141.31	18751.96	342.09	2483.83	88.55	141518.9	693.62	< LOD	17.83	357.8	27	3278.56	778.72
300	core 7972	cm 8	50-100-50-100	15004.54	146.83	21662.04	375.3	1602.71	91.5	162817.2	767.55	< LOD	18.66	321.97	27.58	2110.82	784.61
300	core 7972	cm 10	50-100-50-100	18802.21	170.9	25435.24	410.77	2278.16	97.01	169941.3	782.26	< LOD	18.5	382.82	27.69	2018.95	803.95
300	core 7972	cm 12	50-100-50-100	20651.85	191.21	26233.88	429.75	852.39	94.63	175742.6	801.26	< LOD	19.96	242.23	27.84	1520.91	841.04
300	core 7972	cm 14	50-100-50-100	14970.62	154.53	29175.47	462.67	1298.95	100.51	185467.9	844.06	< LOD	19.86	270.73	28.27	4210.33	920.34
300	core 7972	cm 16	50-100-50-100	20176.75	190.41	28752.98	456.99	935.86	98.2	189543.6	844.2	< LOD	19.84	267.42	27.32	4525.9	920.3
300	core 7972	cm 18	50-100-50-100	19344.2	189.5	29454.03	476.51	992.26	101.53	185575.2	849.53	< LOD	20.99	234.06	29.57	3270.76	945.89
300	core 7972	cm 20	50-100-50-100	20111.34	203.06	26416.95	444.19	1117.87	93.8	163379.6	762.24	< LOD	19.84	296.57	28.22	1738.99	882.17
300	core 7972	cm 22	50-100-50-100	19793.46	200.68	13312.5	281.36	865	66.12	95608.19	523.62	< LOD	16.45	194.58	23.74	< LOD	955.7
300	core 7972	cm 22	50-100-50-100	19627.33	207.77	30135.68	483.63	1924.11	102.28	178404	810.84	< LOD	19.58	391.7	28.67	1971.81	909.49
300	core 7972	cm 24	50-100-50-100	18625.01	183.25	23035.65	402.95	740.74	87.29	149651.1	736.47	< LOD	20.01	359.54	28.97	1581.79	838.22
300	core 7972	cm 26	50-100-50-100	21651.13	199.26	21060.33	367.76	658.16	81.22	142711.5	698.9	< LOD	18.77	283.84	26.79	1476.62	776.31
300	core 7943	cm 2	50-100-50-100	15409.78	154.21	20429.04	361.34	1433.55	88.97	161180.5	760.18	< LOD	17.99	298.6	26.59	< LOD	1335.75
300	core 7943	cm 4	50-100-50-100	15935.03	162.51	20409.54	377.02	2429.15	94.21	153002	727.4	< LOD	18.92	375.86	28.19	2484.92	833.72
300	core 7943	cm 6	50-100-50-100	14963.19	159.82	22213.47	394.78	2505.99	99.36	167643	785.81	< LOD	19.05	445.72	28.97	1798.76	814.11
300	core 7943	cm 8	50-100-50-100	15271.33	160.06	17184.73	333.29	2016.92	86.31	137190.3	673.86	< LOD	18.4	292.62	27.1	< LOD	1130.86
300	core 7943	cm 10	50-100-50-100	15924.2	156.99	16292.07	322.08	2509.45	87.76	137400	680.48	< LOD	18.06	308.6	26.55	2265.07	754.61
300	core 7943	cm 12	50-100-50-100	17300.34	164.79	24865.7	407.37	1366.33	95.22	178576	810.78	< LOD	18.6	310.32	27.23	2250.31	807.06

Appendix 2

Duration	SAMPLE	INSPECTOR	MISC	K	K Error	Al	Al Error	P	P Error	Si	Si Error	Cl	Cl Error	S	S Error	Mg	Mg Error
300	core 7943	cm 14	50-100-50-100	15850.03	155.88	20570.49	359.53	996.85	86.43	160195.1	752.62	< LOD	17.96	270.01	26.18	< LOD	1091.12
300	core 7943	cm 16	50-100-50-100	16810.09	162.77	24445.64	398.72	1010.54	91.67	174440.8	803.17	< LOD	18.27	294.66	26.72	1803.01	780.79
300	core 7943	cm 18	50-100-50-100	16225.52	162.43	24507.77	409.13	1060.66	92.99	173112.6	805.33	< LOD	18.49	371.42	27.79	< LOD	1573.59
300	core 7943	cm 20	50-100-50-100	17291.46	165.54	31072.19	470.09	1032.9	100.78	196299.6	867.74	< LOD	19.66	444.92	29.22	3091.97	878.33
300	core 7943	cm 22	50-100-50-100	19919.73	183.84	30525.97	480.35	2376.32	108.61	196053.7	869.26	< LOD	19.92	373.63	29	4894.17	949.84
300	core 7943	cm 24	50-100-50-100	18055.14	171.02	27962.07	426.87	1251.94	93.51	178179	805.06	< LOD	18.17	532.29	28.49	< LOD	1342.16
300	core 7943	cm 26	50-100-50-100	21380.88	204.72	29154.13	465.55	1148.75	97.76	178118.5	809.36	< LOD	19.74	323.43	28.54	3904.57	930.59
300	core 7943	cm 28	50-100-50-100	20452.76	193.77	35828.56	557.04	1991.6	120.42	219726.8	955.92	< LOD	22.63	415.97	32.71	3422.78	1034.93
300	core 7943	cm 32	50-100-50-100	20069.17	195.22	35570.11	560.56	2843.6	128.85	233488.3	970.74	< LOD	24.01	713.13	36.35	2216.87	1030.31
300	core 7946	cm 2	50-100-50-100	15743.86	160.8	20988.41	397.84	1530.76	99.64	165412.7	799.96	< LOD	22.21	471.84	33.36	< LOD	1291.84
296.58	core 7946	cm 4	50-100-50-100	17665.88	173.26	24377.29	431.74	1741.69	104.06	183489.2	836.15	< LOD	20.56	493.85	31.66	2235.12	893.69
300	core 7946	cm 6	50-100-50-100	16752.61	180.22	25860.18	448.44	2817.28	105.59	171308.8	792.33	< LOD	20.53	419.64	30.93	4204.87	960.49
300	core 7946	cm 8	50-100-50-100	18179.07	182.74	26411.89	436.28	2380.09	103.04	180189.4	827.19	< LOD	20.24	317.37	29.74	2359.94	879.19
300	core 7946	cm 10	50-100-50-100	14316.14	178.6	23402.37	428.86	3561.32	101.2	151024.5	712.91	< LOD	18.68	593.54	29.79	1750.35	895.15
300	core 7946	cm 12	50-100-50-100	17733.99	174.64	27656.46	440.72	2954.52	105.7	186950.5	833.21	< LOD	19.25	451.54	29.44	1604.93	840.61
300	core 7946	cm 14	50-100-50-100	16891.04	183.52	16807.24	343.38	1675.8	86.51	130824	683.31	< LOD	20.37	351.56	30.1	< LOD	1147.53
300	core 7946	cm 16	50-100-50-100	21891.38	201.73	40765.89	616.12	1523.46	125.84	238287.9	1007.45	< LOD	23.63	390.48	33.95	6089.44	1154.03
300	core 7946	cm 18	50-100-50-100	19721.05	188.1	26273.13	427.06	968.51	92.68	168450.7	792.58	< LOD	19.74	341.65	28.9	1825.76	838.37
300	core 7946	cm 20	50-100-50-100	22587.93	202.11	35718.38	537.98	1204.86	112.46	218888.2	915.75	< LOD	21.51	446.25	31.29	3237	988.1

Duration	SAMPLE	INSPECTOR	MISC	K	K Error	Al	Al Error	P	P Error	Si	Si Error	Cl	Cl Error	S	S Error	Mg	Mg Error
300	core 7946	cm 22	50-100-50-100	22654.26	212.37	35126.95	555.32	1352.86	118.15	221810.6	945.96	< LOD	22.96	374.83	32.93	4483.77	1075.45
300	core 7946	cm 24	50-100-50-100	20967.99	202.33	35318.59	565.41	1273.26	121.23	238313.3	982.29	< LOD	22.41	187.44	30.6	4895.96	1105.48
300	core 7946	cm 26	50-100-50-100	21480.92	198.36	27428.13	459.63	1245.23	105.41	200959.1	876.05	< LOD	20.52	212.78	28.79	1716.27	903.72
300	core 7946	cm 28	50-100-50-100	20758.89	195.39	38808.41	599.58	1828.84	133.9	260555.2	1039.62	< LOD	23.65	271.14	32.91	3080.41	1086.49
300	core 7875	cm 2	50-100-50-100	13748.52	145.84	23066.53	398.31	2152.63	100.43	179541.4	821.79	< LOD	19.2	477.87	29.39	1560.86	797.29
300	core 7875	cm 4	50-100-50-100	10880.48	162.98	17743.31	373.68	7696.89	115.21	127202.7	645.44	< LOD	19.66	646.05	30.35	2119.8	866.55
300	core 7875	cm 4	50-100-50-100	16392.42	155.64	22062.68	384.74	2085.79	97.84	178730	805.08	< LOD	18.53	295.45	27.15	1839.55	793.1
300	core 7875	cm 6	50-100-50-100	17895.18	170.4	24873.21	420.11	1846	102.55	191097.4	853.74	< LOD	19.62	343.32	28.47	2347.29	845.34
300	core 7875	cm 6	50-100-50-100	15867.29	150.66	21623.94	380.56	1733.72	97.57	182011	824.11	< LOD	19.53	243.59	27.91	1951.79	804.01
300	core 7875	cm 8	50-100-50-100	16719.96	163	25194.06	419.91	1642.89	99.06	186993.6	837.54	34.99	13.96	326.76	27.94	2083.73	835.51
300	core 7875	cm 10	50-100-50-100	16125.44	147.08	24184.87	392.12	1485.85	95.39	187636.3	837.98	< LOD	18.51	221.08	26.47	2577.89	793.23
300	core 7875	cm 12	50-100-50-100	14493.01	141.71	19107.71	342.33	1131.62	88.44	176037.3	796.64	< LOD	17.97	199.98	25.53	1631.59	739.05
300	core 7875	cm 14	50-100-50-100	11134.89	123.99	16699.9	296.42	1486.86	78.78	154375.1	726.01	< LOD	16.22	110.86	22.18	1428.81	641.39
300	core 7875	cm 14	50-100-50-100	19135.21	184.8	29770.2	499.56	3924.22	121.36	190713.7	864.94	< LOD	23.01	539.13	34.45	3345.13	1007.19
300	core 7875	cm 16	50-100-50-100	18116.83	185.54	25943.13	441.35	1380.45	98.85	172387.6	805.4	< LOD	20.15	302.19	29.05	1666.68	871.01
300	core 7875	cm 18	50-100-50-100	18103.1	169.74	20526.29	359.67	830.16	82.15	144385.2	705.55	< LOD	17.66	633.79	28.96	1644.41	748.76
300	core 7875	cm 20	50-100-50-100	21587.51	198.84	27429.39	429.76	637.07	91.73	176802.7	806.5	< LOD	19.27	273.97	27.59	2956.84	849.23
300	core 7875	cm 22	50-100-50-100	21014.05	191.12	31258.99	475.35	700.08	98.67	194184.6	858.83	< LOD	19.28	328.8	27.93	3438.95	895.97
300	core 7875	cm 24	50-100-50-100	17402.36	166.39	16221.04	310.17	351.97	72.21	125065.6	637.42	< LOD	17.22	179.31	24.84	< LOD	1539.57

Duration	SAMPLE	INSPECTOR	MISC	K	K Error	Al	Al Error	P	P Error	Si	Si Error	Cl	Cl Error	S	S Error	Mg	Mg Error
300	core 7875	cm 26	50-100-50-100	17950.96	175.23	28567.4	441.97	714.4	92.19	178399.6	810.3	< LOD	19.03	390.51	28.22	3597.65	873.16
300	core 7875	cm 28	50-100-50-100	19389.02	183.32	30564.68	466.27	774.33	97.54	188532.1	844.34	< LOD	19.53	367.5	28.51	2849.05	876.26
183.2	7936	core 2cm	30-60-30-60	10426.14	218.14	11476.73	417.95	5714.26	125.12	83090.07	653.02	34.42	17.2	409.83	37.91	< LOD	1800.58
183.36	7936	core 4cm	30-60-30-60	15895.48	226.53	21865.06	517.23	2097.12	125.68	159905.2	980.38	< LOD	26.23	418.7	38.89	2090.08	1119.92
182.09	7936	core 6cm	30-60-30-60	11049.45	220.12	7333.72	321.57	2900.34	97.03	62926.54	547.91	81.76	16.71	375.3	35.54	< LOD	1416.62
183.21	7936	core 8cm	30-60-30-60	16190.78	210.54	17826.15	435.01	1201.92	106.12	139625.2	890.76	< LOD	23.8	327.83	34.77	< LOD	1939.1
183.32	7936	core 10cm	30-60-30-60	18925.71	224.63	27228.61	569.53	764.75	126.18	186351.1	1102.93	< LOD	26.12	349.12	37.46	2540.95	1115.38
181.31	7936	core 12cm	30-60-30-60	19916.26	242.85	27205.48	596.17	751.89	134.74	194448.9	1137.13	< LOD	27.76	359.28	40	2134.87	1182.81
182.43	7936	core 14cm	30-60-30-60	19232.46	233.95	23806.29	524.46	513.56	117.75	170109.8	1038.4	< LOD	26.04	203.04	35.58	1613.71	1059.73
181.41	7936	core 16cm	30-60-30-60	19762.05	245.93	28990.54	611.1	808.69	131.6	194515	1130.43	< LOD	25.94	352.55	37.74	3849.68	1217.08
182.96	7936	core 18cm	30-60-30-60	19041.02	235.87	26145.24	552.12	609.37	121.97	180145.5	1077.69	< LOD	26.01	440.13	38.65	< LOD	1616.3
184.01	7936	core 20cm	30-60-30-60	18952.37	228.72	26421.72	562.3	731.36	124.58	182633.1	1083.83	< LOD	26.1	525.84	39.44	3564.26	1151.23
183.66	7936	core 22cm	30-60-30-60	19503.62	234.64	28650.96	589.05	673.79	130.07	199942.8	1142.72	< LOD	25.72	295.45	36.61	2519.24	1131.43
181.87	7936	core 24cm	30-60-30-60	19015.94	228.22	26620.63	582.9	657.54	133.64	200741.5	1151.56	< LOD	27.71	226.09	37.33	2756.09	1172.07
213.06	7936	core 26cm	30-60-30-60	20647.26	234.4	29361.41	614.69	802.01	142.9	216914.1	984.61	< LOD	29.23	233.55	38.58	2523.84	1227.4
182.58	7936	core 28cm	30-60-30-60	20154.3	242.63	26548.44	582.32	592.82	129.27	190533.5	1128.61	< LOD	27.21	210.85	37.11	3786.08	1207.81
181.14	7936	core 32cm	30-60-30-60	21662.41	268.16	32336.38	684.52	908.15	145.58	211314.5	1214.28	< LOD	28.85	292.32	40.45	3607.32	1330.46
214.55	7495	cm 2	30-60-30-60	16609.87	209.45	14082.64	405.53	1875.8	112.04	125064.1	726.46	< LOD	28.3	284.73	38.93	< LOD	1632.16
182.03	7495	cm 4	30-60-30-60	18524.55	237.27	25889.45	639.93	2380.44	153.65	194240.7	1176.03	< LOD	31.54	290.02	44.51	< LOD	3090.1

Appendix 2

Duration	SAMPLE	INSPECTOR	MISC	K	K Error	Al	Al Error	P	P Error	Si	Si Error	Cl	Cl Error	S	S Error	Mg	Mg Error
181.09	7495	cm 6	30-60-30-60	16687.43	214.8	18339.65	480.87	1460.22	124.4	156753.7	997.64	< LOD	28.36	179.52	38.14	< LOD	1608.93
182.22	7495	cm 8	30-60-30-60	15981.62	195.24	19856.22	484.71	987.1	123.82	175408.7	1066.16	< LOD	27.22	224.29	37.15	< LOD	1548.28
182.81	7495	cm 10	30-60-30-60	15673.94	219.8	14451.14	430.51	1632.86	113.56	125889	855.34	< LOD	26.88	370.42	39.63	< LOD	2314.19
183.08	7495	cm 12	30-60-30-60	15404.89	196.99	23582.16	533.3	1469.88	129.19	177625.3	1080.34	< LOD	26.85	190.81	37.4	< LOD	1628.12
182.95	7495	cm 14	30-60-30-60	14953.35	199.52	16729.62	459.92	739.85	116.93	142925.4	947.75	< LOD	31.07	144.85	41.3	2316.99	1146.24
181.64	7495	cm 16	30-60-30-60	17081.58	213.08	24130.9	521.42	850.38	121.16	179442.2	1068.04	< LOD	24.92	217.6	35.56	< LOD	1559.22
183.37	7495	cm 18	30-60-30-60	16957.96	215.42	19224.43	474.53	1132.73	121.48	166399.1	1032.41	< LOD	26.06	208.91	36.51	< LOD	1482.18
187.48	7495	cm 20	30-60-30-60	17541.34	207.53	24068.78	508.59	995.59	119.02	176115.5	1017.4	< LOD	25.42	260.15	35.05	1545.46	1010.04
181.88	7495	cm 22	30-60-30-60	18890.35	230.03	27784.94	588.29	2216.56	139.55	195824.1	1144.59	< LOD	26.38	302.49	37.8	3026.53	1165.39
180.79	7495	cm 24	30-60-30-60	17195.03	214.88	27381.28	580.22	1966.88	137.25	192493.4	1137.08	55.57	19.64	222.26	37.17	2882.9	1147.25
181.64	7495	cm 26	30-60-30-60	20324.84	239.49	27077.34	589.13	990.88	133.07	192204.8	1137.4	< LOD	27.07	152.6	36.56	3141.42	1191.31
182.01	7495	cm 28	30-60-30-60	18364.77	245.47	24024.29	556.98	1428.23	128.74	173512.7	1051.93	< LOD	26.79	188.17	37.24	2275.77	1175.02
181.57	7495	cm 33	30-60-30-60	21896.53	271.16	35284.88	727.36	970.43	151.49	221520.2	1248.57	< LOD	29.45	242.21	40.73	4728.34	1403.95
180.06	7495	cm 34	30-60-30-60	21945.83	260.82	31275.11	673.71	1129.68	150.47	218557	1221.7	< LOD	29.95	139.98	39.9	2978.83	1324.25

Labyrinth parcels 9-14

All filter times are 50-100-50-100 in seconds.

Duration	SAMPLE	MISC	Ba	Ba Error	Sb	Sb Error	Sn	Sn Error	Cd	Cd Error	Pd	Pd Error	Ag	Ag Error	Bal	Bal Error
300	14872	cm 2	462.65	25.21	< LOD	8.45	0	8.18	< LOD	4.23	< LOD	1.75	0	1.84	762807.7	932.57
300	14872	cm 4	398.46	25.59	< LOD	8.71	0	8.42	< LOD	4.38	< LOD	1.78	0	1.91	780618.1	864.43
300	14872	cm 6	478.79	26.06	< LOD	8.7	0	8.38	< LOD	4.32	< LOD	1.81	0	1.94	787259.6	849.68
300	14872	cm 8	486.13	25.29	< LOD	8.4	0	8.17	< LOD	4.22	< LOD	1.74	0	1.81	774721	885.76
300	14872	cm10	355.46	24.46	< LOD	9.18	0	9.14	< LOD	4.21	< LOD	1.79	0	1.79	782310.9	850.16
300	14872	cm 12	361.88	26.38	< LOD	9.06	0	13.52	< LOD	4.64	< LOD	1.88	0	2	803220.8	778.99
300	14872	cm 14	385.39	24.41	< LOD	8.26	0	7.96	< LOD	4.19	< LOD	2.05	0	1.73	786883.6	824.45
300	14872	cm 16	358.7	24.61	< LOD	8.98	0	8.14	< LOD	4.17	< LOD	1.75	0	1.82	786353	832.8
300	14872	cm 18	469.61	28.28	< LOD	9.6	0	9.21	< LOD	4.87	< LOD	2.04	0	2.16	768424.8	926.14
300	14872	cm 20	374.81	26.05	< LOD	8.9	0	8.62	< LOD	4.37	< LOD	2.32	0	1.88	760950.9	915.73
300	14872	cm 22	389.65	26.25	< LOD	8.94	0	9.75	< LOD	4.43	< LOD	1.87	0	1.89	743735.7	986.14
300	14872	cm 24	377.19	27.24	< LOD	9.41	0	9.45	< LOD	4.72	< LOD	1.97	0	2.04	739368.9	1010.86
300	14872	cm 26	365.51	26.03	< LOD	8.93	0	9.35	< LOD	4.49	< LOD	1.84	0	1.91	790527.1	814.76
300	14872	cm 28	479.96	26.12	< LOD	8.76	0	12.94	< LOD	4.38	< LOD	1.84	0	1.92	752230.1	959.59
300	14875	cm 2	489.45	26.8	< LOD	9.03	91.1	7.53	< LOD	4.58	< LOD	1.91	0	2.06	735844.6	1022.7
300	14875	cm 4	483.83	27.14	< LOD	9.17	0	8.87	< LOD	4.55	< LOD	1.99	0	2.06	723161.6	1059.69
300	14875	cm 6	480.42	27.23	< LOD	9.07	0	8.89	< LOD	4.57	< LOD	1.92	0	2.08	725097.5	1056.83
300	14875	cm 8	465.9	26.42	< LOD	8.91	0	8.57	< LOD	4.42	< LOD	1.88	0	1.94	698229.2	1141.75
300	14875	cm 10	471.22	26.99	< LOD	9.09	0	8.81	< LOD	4.62	< LOD	2.23	0	2.03	685031.3	1175.92
300	14875	cm 12	445.46	26.98	< LOD	9.15	0	8.88	< LOD	4.6	< LOD	1.92	0	2.02	700159.5	1136.54
300	14875	cm 14	458.42	26.27	< LOD	8.8	0	8.57	< LOD	4.45	< LOD	1.87	0	1.99	677143.3	1194.91
300	14875	cm 16	458.96	26.43	< LOD	11.23	0	10.41	< LOD	4.45	< LOD	2.58	0	1.93	702811.9	1109.12
300	14875	cm 18	462.05	27.1	< LOD	9.09	0	8.89	< LOD	4.61	< LOD	1.85	0	2.04	711967.1	1088.74
300	14875	cm 20	406.04	26.69	< LOD	10.41	0	8.79	< LOD	4.6	< LOD	1.94	0	2.01	787186.8	844.92
300	14875	cm 22	418.27	26.89	< LOD	9.15	0	8.84	< LOD	4.58	< LOD	1.89	0	2.03	743482.1	984.83

Duration	SAMPLE	MISC	Ba	Ba Error	Sb	Sb Error	Sn	Sn Error	Cd	Cd Error	Pd	Pd Error	Ag	Ag Error	Bal	Bal Error
300	14875	cm 24	414.21	26.26	< LOD	8.95	0	8.66	< LOD	4.47	< LOD	1.88	0	1.95	739732.6	1070.1
300	14875	cm 26	404.65	26	< LOD	8.86	0	8.46	< LOD	4.48	< LOD	1.83	0	1.85	728905.1	1036.05
300	14871	cm 2	449.02	26.23	< LOD	8.88	0	8.55	< LOD	4.45	< LOD	1.88	0	1.96	740760.1	986.73
300	14871	cm 4	453.04	25.83	< LOD	8.72	0	8.45	< LOD	4.36	< LOD	1.79	0	1.87	733285.2	1025.04
300	14871	cm 6	466.84	26.61	< LOD	9.02	0	10.43	< LOD	4.52	< LOD	1.9	0	1.98	769597.8	909.45
300	14871	cm 8	414.46	26.23	< LOD	8.9	0	8.68	< LOD	4.46	< LOD	1.87	0	1.98	744612.4	986.66
300	14871	cm 10	432.94	25.86	< LOD	8.71	0	8.96	< LOD	4.41	< LOD	2.18	0	1.92	749101.5	975.09
300	14871	cm 12	429.88	26.09	< LOD	9.49	0	8.47	< LOD	4.41	< LOD	1.85	0	1.93	755872.1	943.74
300	14871	cm 14	415.12	25.84	< LOD	8.71	0	8.51	< LOD	4.3	< LOD	1.77	0	1.9	746438.1	978.47
300	14871	cm 16	401.62	26.31	< LOD	8.97	0	8.68	< LOD	4.46	< LOD	1.86	0	1.95	755725.7	944.5
300	14871	cm 18	420.24	26.16	< LOD	8.76	0	12.62	< LOD	4.44	< LOD	1.84	0	1.88	753747.4	958.24
300	14871	cm 20	447.49	27.9	< LOD	9.46	0	12.75	< LOD	4.8	< LOD	2.01	0	2.16	766035.3	924.15
300	14871	cm 22	446.69	26.04	< LOD	8.79	0	8.48	< LOD	4.34	< LOD	1.81	0	1.88	735810.6	1012.76
300	14871	cm 24	507.67	29.99	< LOD	10.22	0	9.85	< LOD	5.17	< LOD	2.28	0	2.27	749363.3	963.77
300	14871	cm 26	485.04	27.11	< LOD	9.03	0	8.69	< LOD	4.49	< LOD	1.93	0	1.92	707030.4	1112.42
300	14869	cm 2	425.19	24.2	< LOD	8.07	0	11.58	< LOD	4.08	< LOD	1.66	0	1.75	798587.4	785.59
300	14869	cm 4	436.34	24.96	< LOD	8.4	0	8.16	< LOD	4.25	< LOD	1.7	0	1.91	781122.5	848.09
300	14869	cm 6	427.47	25.02	< LOD	8.41	0	8.15	< LOD	4.28	< LOD	1.86	0	1.85	757728.6	923.83
300	14869	cm 8	607.81	25.87	< LOD	8.5	0	8.27	< LOD	4.32	< LOD	1.84	0	1.87	764584	1110.67
300	14869	cm 10	425.44	26.01	< LOD	9.55	0	10.6	< LOD	4.48	< LOD	3.48	0	1.94	778630.7	852.39
300	14869	cm 12	350.62	25.12	< LOD	8.61	0	9.59	< LOD	4.29	< LOD	1.77	0	1.86	777746.8	869.39
300	14869	cm 14	372.32	26.86	< LOD	9.32	0	8.97	< LOD	4.64	< LOD	1.97	0	2.03	804057.9	777.17
300	14869	cm 16	384.54	26.83	< LOD	9.17	0	8.89	< LOD	4.59	< LOD	1.97	0	2	785999.4	837.56
300	14869	cm 18	395.88	25.28	< LOD	8.57	0	9.96	< LOD	4.29	< LOD	1.8	0	1.8	739038.6	999.81
300	14869	cm 20	421.01	25.29	< LOD	12.28	0	8.83	< LOD	4.25	< LOD	1.77	0	1.82	728407.6	1031.8
300	14869	cm 22	399.62	25.61	< LOD	8.68	0	8.43	< LOD	4.35	< LOD	1.78	0	1.84	723376.6	1048.45
300	14869	cm 24	367.15	24.89	< LOD	9.4	0	9.79	< LOD	4.22	< LOD	1.82	0	1.79	762982.6	912.39
300	14869	cm 26	461.89	26.6	< LOD	8.98	0	8.69	< LOD	4.52	< LOD	1.86	0	1.96	726700.4	1034.7

Duration	SAMPLE	MISC	Mo	Mo Error	Nb	Nb Error	Zr	Zr Error	Sr	Sr Error	Rb	Rb Error	Bi	Bi Error	As	As Error
300	14872	cm 2	< LOD	2.09	19.69	1.28	240.81	3.53	104	2.05	58.4	1.62	9.78	2.95	6.83	3.14
300	14872	cm 4	3.52	1.44	19.45	1.3	261.12	3.72	102.83	2.07	53.04	1.57	11.61	3.03	6.44	3.34
300	14872	cm 6	4.95	1.46	25.14	1.37	260.48	3.73	106.29	2.11	55	1.6	8.18	2.93	5.02	3.13
300	14872	cm 8	5.47	1.44	17.73	1.28	233.6	3.52	98.4	2.02	58.83	1.64	9.01	2.99	6.28	3.26
300	14872	cm10	7.81	1.44	17.76	1.27	198.1	3.23	85.94	1.89	51.55	1.54	10.92	2.99	9.78	3.21
300	14872	cm 12	7.15	1.45	19.99	1.31	217.49	3.37	79.28	1.82	53.26	1.56	9.94	2.97	10.44	3.18
300	14872	cm 14	6.81	1.42	18.02	1.26	217.35	3.33	86.36	1.86	61.49	1.64	11.42	3.02	8.74	3.12
300	14872	cm 16	5.73	1.41	18.56	1.29	190.98	3.18	86.49	1.89	58.82	1.63	12.27	3.08	6.42	3.18
300	14872	cm 18	12.93	1.55	16.46	1.3	206.42	3.39	76.32	1.84	55.31	1.65	14.96	3.23	10.98	3.32
300	14872	cm 20	16.13	1.54	15.81	1.26	195.44	3.22	71.96	1.75	57.58	1.64	14.42	3.19	12.74	3.39
300	14872	cm 22	41.74	1.79	15.75	1.3	129.71	2.76	61.62	1.67	53.25	1.62	11.99	3.23	13.28	3.53
300	14872	cm 24	45.93	1.86	18.36	1.35	147.22	2.95	68.93	1.78	56.26	1.68	12.45	3.28	19.89	3.57
300	14872	cm 26	30.49	1.67	18.73	1.31	155.06	2.93	70.29	1.74	59.19	1.67	13.5	3.23	20.31	3.6
300	14872	cm 28	4.31	1.41	19.9	1.31	194.8	3.23	84.24	1.88	70.12	1.79	16.41	3.26	7.7	2.99
300	14875	cm 2	4.51	1.47	24.29	1.36	288.3	3.95	124.41	2.28	66.99	1.75	12.24	3.2	< LOD	5.68
300	14875	cm 4	3.2	1.5	28.49	1.41	354.54	4.4	130.83	2.35	54.31	1.59	11.18	3	5.08	3
300	14875	cm 6	6.27	1.55	27.39	1.42	342.27	4.38	121.27	2.29	55.18	1.63	11.15	3.09	6.72	3.41
300	14875	cm 8	4.79	1.52	25.44	1.39	340.11	4.34	124.68	2.31	55.7	1.62	8.66	2.96	< LOD	4.53
300	14875	cm 10	3.53	1.56	26.68	1.41	419.22	4.85	126.02	2.32	53.56	1.59	9.89	2.99	6.59	3.16
300	14875	cm 12	4.52	1.52	24.83	1.39	319.33	4.21	111.78	2.2	58.7	1.67	13.55	3.17	5.18	3.26
300	14875	cm 14	4.28	1.54	25.97	1.39	385.41	4.61	128.22	2.33	56.32	1.62	7.94	2.95	< LOD	5.69
300	14875	cm 16	5.55	1.54	27.9	1.41	375.65	4.53	123.01	2.27	56.14	1.62	13.41	3.09	4.73	3.06
300	14875	cm 18	5.44	1.53	26.65	1.4	348.92	4.36	115.12	2.2	57.68	1.64	11.64	3.06	5.45	3.08
300	14875	cm 20	5.93	1.48	21.85	1.34	250.49	3.67	96.36	2.02	58.43	1.65	10.88	3.11	8.35	3.65
300	14875	cm 22	5.75	1.49	23.1	1.36	275.8	3.86	105.1	2.11	56.31	1.63	16.14	3.21	7.95	3.23
300	14875	cm 24	2.35	1.45	23.1	1.35	261.84	3.75	99.72	2.05	57.81	1.64	14.6	3.17	6.59	3.12

Duration	SAMPLE	MISC	Mo	Mo Error	Nb	Nb Error	Zr	Zr Error	Sr	Sr Error	Rb	Rb Error	Bi	Bi Error	As	As Error
300	14875	cm 26	10.24	1.52	21.5	1.35	225.03	3.53	91.14	1.99	59.08	1.68	13.71	3.21	17.2	3.43
300	14871	cm 2	4.8	1.46	20.66	1.31	279.07	3.84	111.04	2.14	54.34	1.58	11.11	3.01	6.61	3.4
300	14871	cm 4	3.9	1.49	24.55	1.38	308.68	4.09	108.08	2.14	58.55	1.65	13.8	3.13	8.82	3.17
300	14871	cm 6	5.4	1.53	24.63	1.38	340.39	4.33	122.67	2.28	56.95	1.64	13.52	3.15	8.4	3.32
300	14871	cm 8	3.49	1.47	23.52	1.36	286.95	3.95	121.68	2.27	57.63	1.64	12.26	3.09	6.61	3.24
300	14871	cm 10	3.12	1.43	21.49	1.34	227.13	3.5	90.64	1.96	61.53	1.7	15.51	3.23	7.25	3.31
300	14871	cm 12	7.85	1.49	19.62	1.3	272.09	3.78	91.39	1.95	54.62	1.58	10.84	2.99	7.9	3.13
300	14871	cm 14	10.52	1.52	20.76	1.33	250.08	3.68	97.26	2.03	56.16	1.63	13.39	3.14	12.12	3.29
300	14871	cm 16	10.66	1.49	20.13	1.32	194.97	3.25	84.74	1.9	60.89	1.68	15.85	3.23	8.04	3.18
300	14871	cm 18	9.44	1.49	19.1	1.31	217.94	3.43	87.21	1.93	62	1.7	16.29	3.24	10.77	3.18
300	14871	cm 20	13.91	1.55	20.07	1.34	194.17	3.29	82.24	1.9	68.47	1.81	18.04	3.41	8.67	3.33
300	14871	cm 22	19.74	1.58	20.08	1.33	189.46	3.22	82.01	1.88	70.49	1.82	18.01	3.39	10.6	3.27
300	14871	cm 24	24.23	1.63	18.24	1.32	164.97	3.04	75.33	1.82	62.97	1.73	16.23	3.34	12.75	3.4
300	14871	cm 26	25.61	1.66	20.2	1.35	176.7	3.18	78.74	1.88	65.63	1.79	12.88	3.32	14.62	3.68
300	14869	cm 2	3.2	1.38	17.49	1.25	222.07	3.38	115.74	2.14	50.66	1.5	10.42	2.92	< LOD	6.98
300	14869	cm 4	4.15	1.38	16.44	1.24	184.45	3.13	123.43	2.23	46.35	1.45	10.38	2.88	6.81	3.24
300	14869	cm 6	4.55	1.4	19.21	1.28	196.14	3.23	118.24	2.19	44.99	1.44	11.47	2.91	5.26	3.11
300	14869	cm 8	3.11	1.42	20.26	1.29	260.5	4.01	168.17	2.77	51.72	1.53	8.73	2.9	< LOD	6.56
300	14869	cm 10	7.93	1.44	20.45	1.29	226.19	3.41	108.37	2.08	55.99	1.57	9.69	2.92	6.09	3.05
300	14869	cm 12	10.84	1.49	20.72	1.32	219.2	3.41	93.06	1.97	55.21	1.59	10.17	3	10.9	3.25
300	14869	cm 14	7.47	1.41	16.48	1.25	167.45	2.97	85.49	1.86	58.07	1.61	13.36	3.06	6.1	3.06
300	14869	cm 16	25.15	1.6	16.57	1.28	146.18	2.84	71.23	1.74	61.02	1.68	14.44	3.21	12.74	3.26
300	14869	cm 18	19.53	1.57	18.04	1.3	176.53	3.11	80.07	1.85	62.39	1.71	15.03	3.24	10.49	3.24
300	14869	cm 20	18.84	1.55	18.27	1.3	168.49	3.03	79.54	1.84	67.81	1.77	16.11	3.28	9.18	3.16
300	14869	cm 22	20.05	1.57	17.56	1.3	165.89	3.03	78.19	1.83	61.7	1.71	17.44	3.31	15.65	3.36
300	14869	cm 24	10.52	1.46	19.38	1.3	174.61	3.07	85.39	1.89	70.78	1.79	15.32	3.26	8.97	3.19
300	14869	cm 26	19.82	1.57	20.82	1.33	169.53	3.06	82.82	1.88	65.91	1.76	15.14	3.28	11.53	3.3

Duration	SAMPLE	MISC	Se	Se Error	Au	Au Error	Pb	Pb Error	W	W Error	Zn	Zn Error	Cu	Cu Error	Ni	Ni Error
300	14872	cm 2	< LOD	2.56	< LOD	6.53	12.34	3.6	< LOD	39.48	72.01	7.06	22.19	9.96	< LOD	25.13
300	14872	cm 4	< LOD	2.52	< LOD	5.64	17.4	3.84	< LOD	38.92	72.73	7.14	45.66	10.71	< LOD	25.01
300	14872	cm 6	< LOD	1.5	< LOD	5.45	12.41	3.63	< LOD	39.37	62.81	6.97	26.52	10.32	< LOD	25.34
300	14872	cm 8	< LOD	1.5	< LOD	5.34	15.99	3.76	< LOD	39.01	79.19	7.34	31.8	10.27	< LOD	40.09
300	14872	cm10	< LOD	2.02	< LOD	5.43	11.07	3.62	< LOD	38.87	85.04	7.41	29.99	10.1	< LOD	24.7
300	14872	cm 12	< LOD	1.5	< LOD	5.42	9.24	3.53	< LOD	38.93	76.61	7.21	< LOD	15.02	< LOD	24.66
300	14872	cm 14	< LOD	1.65	< LOD	5.27	10.47	3.54	< LOD	37.89	77.72	7.12	31.07	9.95	< LOD	23.96
300	14872	cm 16	< LOD	1.74	< LOD	5.01	13.12	3.69	< LOD	38.16	73.6	7.15	< LOD	14.47	< LOD	24.15
300	14872	cm 18	< LOD	1.91	< LOD	5.85	8.9	3.69	< LOD	41.78	69.65	7.37	19.86	10.53	< LOD	41.39
300	14872	cm 20	< LOD	2.02	< LOD	5.69	12.38	3.76	< LOD	39.1	82.01	7.34	29.73	10.22	< LOD	24.99
300	14872	cm 22	< LOD	3.73	< LOD	5.82	12.59	3.96	< LOD	40.15	68.72	7.22	30.36	10.45	< LOD	39.6
300	14872	cm 24	< LOD	2.4	< LOD	6.08	6.92	3.77	< LOD	41.22	65.13	7.2	23.7	10.41	< LOD	25.79
300	14872	cm 26	< LOD	2.99	< LOD	5.82	10.75	3.81	< LOD	39.18	65.25	6.94	19.09	9.99	< LOD	24.53
300	14872	cm 28	< LOD	1.5	< LOD	5.38	< LOD	5.14	< LOD	39.46	61.63	6.93	18.45	10.1	< LOD	25.05
300	14875	cm 2	< LOD	1.6	< LOD	5.87	46.15	4.71	< LOD	41.11	67.99	7.24	117.98	12.57	< LOD	25.31
300	14875	cm 4	< LOD	1.6	< LOD	5.82	7.31	3.47	< LOD	39.91	42.78	6.44	41.8	10.89	< LOD	25.68
300	14875	cm 6	< LOD	1.52	< LOD	5.77	17.21	3.89	< LOD	41.07	43.99	6.66	54.25	11.34	< LOD	25.67
300	14875	cm 8	< LOD	2.56	< LOD	5.62	8.9	3.56	< LOD	40.08	41.69	6.5	29.98	10.7	< LOD	25.8
300	14875	cm 10	< LOD	1.5	< LOD	5.66	10.18	3.59	< LOD	40.6	39.07	6.46	26.93	10.71	< LOD	34.78
300	14875	cm 12	< LOD	1.51	< LOD	5.61	13.79	3.78	< LOD	39.82	62.38	7.04	33.83	10.78	< LOD	25.43
300	14875	cm 14	< LOD	1.52	< LOD	5.8	16.08	3.78	< LOD	40.3	39.55	6.4	23.42	10.49	< LOD	30.54
300	14875	cm 16	< LOD	2.01	< LOD	5.68	9.29	3.57	< LOD	40.31	45.82	6.58	16.21	10.22	< LOD	25.32
300	14875	cm 18	< LOD	1.81	< LOD	5.81	9.01	3.57	< LOD	40.67	55	6.83	17.79	10.35	< LOD	35.16
300	14875	cm 20	< LOD	2.33	< LOD	5.87	25.25	4.16	< LOD	40.36	86.14	7.56	32.56	10.58	< LOD	25.34
300	14875	cm 22	< LOD	1.7	< LOD	5.8	10.88	3.68	< LOD	40.67	79.96	7.45	36.6	10.7	< LOD	25.47
300	14875	cm 24	< LOD	1.82	< LOD	5.44	8.83	3.6	< LOD	38.88	85.85	7.5	35.37	10.53	< LOD	25.22

Duration	SAMPLE	MISC	Se	Se Error	Au	Au Error	Pb	Pb Error	W	W Error	Zn	Zn Error	Cu	Cu Error	Ni	Ni Error
300	14875	cm 26	< LOD	2.1	< LOD	5.67	7.57	3.63	< LOD	40.03	87.4	7.66	55.39	11.05	< LOD	25.25
300	14871	cm 2	< LOD	1.8	< LOD	5.44	19.84	3.89	< LOD	39.8	71.32	7.24	124.75	12.47	< LOD	24.83
300	14871	cm 4	< LOD	2.1	< LOD	5.45	8.36	3.57	< LOD	38.92	83.85	7.48	48.07	10.9	< LOD	25.09
300	14871	cm 6	< LOD	1.54	< LOD	5.8	13.13	3.76	< LOD	40.81	69.6	7.22	28.28	10.53	< LOD	25.05
300	14871	cm 8	< LOD	1.63	< LOD	5.77	13.12	3.72	< LOD	40.35	79.91	7.43	< LOD	23.13	< LOD	25.66
300	14871	cm 10	< LOD	1.5	< LOD	5.4	14.65	3.78	< LOD	39.44	85.11	7.54	24.01	10.31	< LOD	25.54
300	14871	cm 12	< LOD	1.5	< LOD	5.51	9.82	3.56	< LOD	38.94	73.11	7.13	< LOD	14.73	< LOD	24.76
300	14871	cm 14	< LOD	1.5	< LOD	5.7	9.02	3.61	< LOD	40	67.65	7.1	< LOD	14.97	< LOD	25.33
300	14871	cm 16	< LOD	1.5	< LOD	5.5	9.71	3.65	< LOD	39.8	93.82	7.73	23.65	10.19	< LOD	24.91
300	14871	cm 18	< LOD	1.5	< LOD	5.84	6.65	3.53	< LOD	40.42	84.66	7.52	18.59	10.22	< LOD	25.46
300	14871	cm 20	< LOD	2.13	< LOD	5.97	11.31	3.81	< LOD	41.37	90.11	7.77	23.35	10.59	< LOD	37.4
300	14871	cm 22	< LOD	2.51	< LOD	5.51	8.7	3.69	< LOD	39.34	87.08	7.57	23.75	10.17	< LOD	25.21
300	14871	cm 24	< LOD	2.59	< LOD	5.65	9.74	3.78	< LOD	41.37	67.71	7.27	25.79	10.53	< LOD	25.42
300	14871	cm 26	< LOD	2.35	< LOD	5.73	16.72	4.06	< LOD	39.28	79	7.42	23.71	10.4	27.9	17.92
300	14869	cm 2	< LOD	1.5	< LOD	5.51	25.39	3.97	< LOD	38.73	115.14	7.99	84.65	11.2	< LOD	23.59
300	14869	cm 4	< LOD	1.5	< LOD	5.21	16.61	3.71	< LOD	39.18	148.64	8.78	92.48	11.49	< LOD	24.2
300	14869	cm 6	< LOD	2.11	< LOD	5.24	13.07	3.63	< LOD	39.69	162.7	9.1	89.08	11.47	< LOD	24.45
300	14869	cm 8	< LOD	1.5	< LOD	5.41	16.67	3.72	< LOD	39.83	112.6	8.01	35.5	10.34	< LOD	25.5
300	14869	cm 10	< LOD	1.5	< LOD	5.48	11.3	3.52	< LOD	39.37	101.23	7.73	27.99	10.03	< LOD	24.05
300	14869	cm 12	< LOD	1.5	< LOD	5.51	10.96	3.61	< LOD	39.3	94.19	7.66	20.68	9.92	< LOD	24.45
300	14869	cm 14	< LOD	1.5	< LOD	5.18	10.66	3.54	< LOD	38.21	92.21	7.5	17.04	9.88	< LOD	24.24
300	14869	cm 16	< LOD	1.5	< LOD	5.76	7.89	3.59	< LOD	40.07	109.07	8.02	15.69	9.91	< LOD	24.81
300	14869	cm 18	< LOD	1.5	< LOD	5.49	8.86	3.64	< LOD	39.83	87.81	7.61	17	9.95	< LOD	37.61
300	14869	cm 20	< LOD	2.32	< LOD	5.38	7.67	3.61	< LOD	39.43	98.46	7.84	23.06	10.03	< LOD	35.84
300	14869	cm 22	< LOD	1.53	< LOD	5.59	7.33	3.62	< LOD	39.37	83.83	7.47	22.92	10.14	< LOD	42.33
300	14869	cm 24	< LOD	2.5	< LOD	5.35	9.81	3.65	< LOD	38.77	95.69	7.67	16.45	9.8	< LOD	24.45
300	14869	cm 26	< LOD	2.33	< LOD	5.87	9.2	3.7	< LOD	39.96	89.14	7.6	25.37	10.22	< LOD	41.38

Duration	SAMPLE	MISC	Co	Co Error	Fe	Fe Error	Mn	Mn Error	Cr	Cr Error	V	V Error	Ti	Ti Error	Ca	Ca Error
300	14872	cm 2	< LOD	67.56	19043.63	172.12	400.94	53.08	69.81	9.36	101.33	13.69	2217.14	28.2	8662.68	153.51
300	14872	cm 4	< LOD	72.61	22188.72	187.85	642.96	58.08	66.66	9.72	94.15	14.15	2251.2	29.13	8181.39	152.58
300	14872	cm 6	< LOD	71.32	20887.69	182.73	379.27	53.32	59.85	9.35	92.55	13.67	2106.23	27.95	7340.39	145.01
300	14872	cm 8	< LOD	76.01	24938.56	199.2	424.58	53.44	68	9.96	115.42	14.59	2252.02	29.63	7508.2	150.81
300	14872	cm10	< LOD	83.47	31542.54	223.8	380.47	51.4	90.5	10.77	130	15.67	2227.14	31.15	7077.99	155.77
300	14872	cm 12	< LOD	81.14	29375.26	216	308.16	50.35	71.45	10.79	126.57	15.5	2237.49	30.87	6038.03	144.43
300	14872	cm 14	< LOD	79.61	29129.67	211.49	332.39	49.89	83.72	10.14	118.74	15.03	2277.82	30.31	6373.87	143.99
300	14872	cm 16	< LOD	80.84	29235.55	215.2	306.57	50.17	81.07	10.43	119.39	15.12	2345.49	30.79	6316.3	145.93
300	14872	cm 18	< LOD	85.3	30257.31	226.67	290.69	51.9	92.87	11.04	149.84	16.36	2531.14	33.17	5915.07	147.25
300	14872	cm 20	< LOD	91.37	39355.65	254.42	307.33	50.08	105.89	12.78	180.87	18.66	2526.51	36.35	6096.25	164.19
300	14872	cm 22	< LOD	104.45	50461.98	301.15	335.59	51.09	126.51	13.77	172.78	19.81	2551.45	38.45	5785.9	169.11
300	14872	cm 24	< LOD	104.62	50059.76	302.68	267.05	50.25	134.48	13.41	208.58	19.79	2701.22	38.54	5951.5	168.23
300	14872	cm 26	< LOD	99.06	47621.07	284.4	319.35	49.84	125.13	12.74	183.83	18.46	2320.28	35.31	5013.84	152.74
300	14872	cm 28	< LOD	77.7	25519.44	202.45	381.07	52.71	88.69	10.5	135.41	16.29	2920.59	34.19	6048.47	144.14
300	14875	cm 2	< LOD	60.76	13775.02	149.09	338.39	53.03	38.1	8.8	68.29	12.56	2060.37	26.34	9727.02	157.5
300	14875	cm 4	< LOD	62.98	14981.33	155.42	259.1	51.34	37.67	8.77	57.87	12.88	2237.65	27.47	9445.98	155.3
300	14875	cm 6	< LOD	72.01	20153.2	182.81	362.64	53.9	52.45	9.69	79.19	14.25	2431.43	30.1	9693.21	165.25
300	14875	cm 8	< LOD	64.06	15642.33	160.27	384.92	54.32	34.89	9.38	75.58	13.62	2603.2	29.75	10284.62	163.64
300	14875	cm 10	< LOD	63.11	15026.84	156.89	370.04	54.21	49.31	9.1	68	13.52	2649.71	29.77	10511.35	163.88
300	14875	cm 12	< LOD	72.06	19954.14	181.53	346.12	53.41	64.29	9.88	97.93	14.95	2833.43	32.4	9697.7	166.55
300	14875	cm 14	< LOD	63.93	15422.37	158.02	328.76	53	42	9.53	76.01	14.04	2587.08	30.3	10876.08	170.87
300	14875	cm 16	< LOD	65.67	17331.52	167.06	378.67	53.59	55.67	9.82	83.14	14.71	2721.18	31.89	10559.36	174.39
300	14875	cm 18	< LOD	71.6	20451.83	181.79	363.01	53.51	54.57	9.75	85.97	14.62	2744.65	31.73	9429.47	165.32
300	14875	cm 20	< LOD	80.66	27448.69	210.73	349.12	52.24	75.38	10.01	101.93	14.74	2333.58	30.32	7044.01	148.3
300	14875	cm 22	< LOD	78.61	26010.86	205.51	381.88	53.33	86.76	10.99	113.56	16.27	2715.72	33.87	8446.44	167.86
300	14875	cm 24	< LOD	79.39	26532.6	213.58	365.38	52.65	73.64	10.7	113.04	15.92	2684.92	33.38	7995.24	161.58

Duration	SAMPLE	MISC	Co	Co Error	Fe	Fe Error	Mn	Mn Error	Cr	Cr Error	V	V Error	Ti	Ti Error	Ca	Ca Error
300	14875	cm 26	< LOD	89.4	34263.7	240.41	354.94	52.3	108.33	12.07	140.09	18.05	2769.43	36.72	8029.38	176.43
300	14871	cm 2	< LOD	70.75	21290.54	183.31	411.17	53.37	56.88	10.49	76.04	14.52	2241.19	29.6	10242.45	169.21
300	14871	cm 4	< LOD	72.09	21306.1	185.85	428.33	54.45	87.14	10.42	103.09	15.43	2519.46	31.97	10900.07	178.74
300	14871	cm 6	< LOD	77.38	25793.21	204.76	386.57	53.29	69.31	10.56	100.04	15.77	2429.41	32.13	10058.15	174.33
300	14871	cm 8	< LOD	71.56	20577.55	182.52	394.64	53.82	57.55	10.02	82.23	14.81	2564.06	31.42	9060.43	163.91
300	14871	cm 10	< LOD	78.11	25255.29	202.83	378.1	53.06	78.04	10.64	113.39	15.88	2747.5	33.34	8096.5	162.11
300	14871	cm 12	< LOD	74.48	23883.6	194.67	290.16	50.79	68.93	10.13	106.67	14.88	2455.26	30.84	7820.13	155.08
300	14871	cm 14	< LOD	83.05	29700.75	220.49	377.5	52.46	82.14	11.24	147.07	16.88	2671.4	34.36	8032.11	167.86
300	14871	cm 16	< LOD	84.72	31496.54	226.8	355.81	51.79	88.93	11.5	153.88	17.22	2665.84	34.78	7269.71	163.62
300	14871	cm 18	< LOD	80.36	27622.17	212.21	322.97	52.15	154.68	11.01	130.77	16.12	2591.79	33.09	7220.98	157.35
300	14871	cm 20	< LOD	87.65	33199.29	236.74	377.32	52.99	95.37	11.35	136.53	16.97	2681.81	34.62	6322.06	153.96
300	14871	cm 22	< LOD	88.62	34445.81	239.65	380.01	52.58	116.2	11.87	167.34	18.52	3004.37	37.92	6711.59	166.18
300	14871	cm 24	< LOD	95.86	41222.02	265.59	368.48	52.08	110.64	13.14	174.69	19.57	2702.05	38.48	6154.96	168.99
300	14871	cm 26	< LOD	97.93	43040.11	275.7	498.81	55.35	131.12	13.67	200.04	20.83	2966.23	41.08	6666.59	178.75
300	14869	cm 2	< LOD	70.63	21964.75	182.72	659.56	56.77	62.35	9.97	86.15	14.82	2172.94	29.84	10722.61	174.01
300	14869	cm 4	< LOD	70.25	21664.83	182.48	751.3	58.85	63.88	10.29	92.14	14.99	2168.94	30.14	11743.64	183.58
300	14869	cm 6	< LOD	73.31	23221.72	189.88	719.07	58.4	64.81	10.58	93.06	15.68	2391.38	31.9	14369.59	202.4
300	14869	cm 8	< LOD	69.6	20885.65	220.22	497.45	54.4	61.72	10.15	90.15	15.64	2255.36	33.33	10593.87	179.91
300	14869	cm 10	< LOD	72.33	22561.61	185.68	430.45	52.68	65.2	9.46	77.9	13.81	2235.76	28.66	8932.55	157.69
300	14869	cm 12	< LOD	81.69	29629.14	217.34	424.1	52.87	83.49	10.4	115.22	15.32	2280.35	30.86	7290.37	154.08
300	14869	cm 14	< LOD	77.38	26826.83	203.89	342.42	50.78	92.98	10.51	123.42	15.47	2303.83	31.07	6290.66	146.14
300	14869	cm 16	< LOD	91.39	37707.08	248.92	388.04	51.66	101.71	11.66	157.69	17.31	2370.06	34	5598.84	152.42
300	14869	cm 18	< LOD	88.62	35533.93	242.87	350.09	51.7	121.72	12.69	200.06	19.4	2838.97	38.5	6492.7	169.87
300	14869	cm 20	< LOD	85.48	32525.51	231.08	315.37	50.93	114.21	12.17	179.02	18.68	3013	38.03	6694.8	165.91
300	14869	cm 22	< LOD	90.84	37451.83	250.44	374.25	52.17	111.44	12.76	176.49	19.34	2818.08	38.36	6728.66	170.48
300	14869	cm 24	< LOD	85.63	33421.07	231.67	505.58	54.02	105.33	11.39	161.9	17.43	2790.62	35.42	6343.13	156.71
300	14869	cm 26	< LOD	90.28	36567.14	247.03	543.35	55.25	114.76	11.99	158.05	18.01	2761.88	36.33	6547.5	163.87

Duration	SAMPLE	MISC	K	K Error	Al	Al Error	P	P Error	Si	Si Error	Cl	Cl Error	S	S Error	Mg	Mg Error
300	14872	cm 2	14502.04	143.2	18429.17	362.09	2230.02	74.98	167054	798.17	< LOD	18.14	380.46	29.16	3090.29	955.49
300	14872	cm 4	13293.86	139.39	16297.41	344.86	2361.8	73.81	152460.4	754.01	< LOD	18.7	551.13	30.99	< LOD	1803.92
300	14872	cm 6	14373.7	144.26	16092.24	327.48	2196.75	69.75	147886	734.63	< LOD	17.62	280.17	27.7	< LOD	1357
300	14872	cm 8	14200.92	146.44	18028.93	351.52	2518.96	72.76	152437.2	745.92	< LOD	17.37	432.64	28.58	< LOD	1328.38
300	14872	cm10	14194.44	153.37	16913.08	348.31	3550.88	76.83	138998.3	701.22	< LOD	17.96	562.72	30.2	< LOD	1367.49
300	14872	cm 12	13573.36	149.5	15058.61	336.68	2306.13	71.3	126341.5	671.09	< LOD	20.06	483.19	32.14	< LOD	1366.95
300	14872	cm 14	14169.72	148.24	17258.46	337.13	2052.94	67.3	139950	693.48	< LOD	16.97	454.21	28.03	< LOD	1236.21
300	14872	cm 16	14761.06	153.78	16806.11	343	1530.87	65.9	140866.5	701.91	< LOD	17.87	441.75	28.79	< LOD	1966.51
300	14872	cm 18	15023.7	160.18	20397.66	390.33	1724.38	72.11	153771.8	768.44	< LOD	19.29	459.37	31.33	< LOD	1802.25
300	14872	cm 20	15602.51	175.1	21025.18	405.46	2023.05	73.9	148082.7	732.69	< LOD	19.22	717.29	33	2142.89	1025.78
300	14872	cm 22	16120.82	186.42	23447.01	437.63	1732.27	73.66	151849.5	746.48	< LOD	19.35	862.3	34.17	1978.91	1068.68
300	14872	cm 24	16423.18	184.51	23505.68	442.74	1242.19	72.32	155576.7	763.2	< LOD	19.84	827.49	34.37	2891.23	1107.94
300	14872	cm 26	14616.12	171.2	16915.77	360.63	1008.49	62.28	118362.8	634.18	< LOD	19.21	760.69	32.89	< LOD	1478.89
300	14872	cm 28	18099.32	168.91	23678.49	417.7	976.61	70.57	166001.6	791.84	< LOD	19.6	346.87	30.4	2611.05	1019.9
300	14875	cm 2	15299.36	143.65	19421.43	385.06	2739.96	84.62	199107.8	906.46	< LOD	19.51	246.22	30.19	< LOD	1851.72
300	14875	cm 4	15581.13	144.75	19889.68	386.64	1929.79	82.13	209872.5	933.17	< LOD	18.9	93.83	28.21	< LOD	1434.26
300	14875	cm 6	15436.14	150.09	19783.13	406.32	3542.34	90.58	201980.2	915.77	< LOD	19.78	222.43	30.47	< LOD	2358.69
300	14875	cm 8	16209.37	150.08	21752.75	419.42	1549.79	85.95	229208.1	992.52	< LOD	19.74	106.3	29.29	2809.64	1052.62
300	14875	cm 10	16936.13	151.89	23404.06	436.9	1625.56	89.15	241661.1	1022.3	< LOD	20.1	105.52	29.68	< LOD	1561.9
300	14875	cm 12	16501.42	156.54	23761.17	437.21	1677.28	85.11	220830.5	963.98	< LOD	19.75	138.74	29.59	2844.26	1069.76
300	14875	cm 14	17178.6	156.69	24203.29	447.52	1475.55	89.46	246202.3	1028.57	< LOD	20.01	154.9	29.9	3164.15	1089.92
300	14875	cm 16	16872.95	159.16	22492.98	418.91	1253.39	83.09	224179.7	967.17	< LOD	19.17	122.8	28.7	< LOD	1408.55
300	14875	cm 18	16017.58	153.96	22926.01	423.95	1610.75	82.42	210828.4	929.82	< LOD	19.6	171.77	29.57	2234.18	1034.89
300	14875	cm 20	13634.76	144.91	15945.46	331.55	1580.27	66.28	141181.4	709.08	< LOD	17.94	207.97	27.71	1906.69	906.47
300	14875	cm 22	16253.5	163.65	21241.69	415.85	1421.79	76.53	178538.8	838.26	< LOD	19.89	271.03	30.46	< LOD	2351.7
300	14875	cm 24	15592.59	160.48	22191.71	403.85	1492.1	74.55	179829.6	911.08	< LOD	18.6	329.53	29.21	2056.72	986.95

Duration	SAMPLE	MISC	K	K Error	Al	Al Error	P	P Error	Si	Si Error	Cl	Cl Error	S	S Error	Mg	Mg Error
300	14875	cm 26	16064.95	172.34	23877.8	435.55	1905.76	78.82	179855	834.66	< LOD	19.46	524.35	31.64	2208.35	1048.67
300	14871	cm 2	14644.52	146.9	20380.24	405.24	2868.42	84.85	184787.7	854.08	< LOD	20.73	1088.2	37.06	< LOD	2119.92
300	14871	cm 4	15522	154.6	21192.05	416.47	3244.18	88.66	187868	872.77	< LOD	21.14	937.43	36.48	< LOD	1551.31
300	14871	cm 6	13743.93	146.99	17813.31	374.65	3343.7	82	152808.5	764.68	< LOD	28	887.09	35.57	1819.25	1004.53
300	14871	cm 8	14797.68	149.89	20507.28	403.96	2270.39	81.63	183291.2	856.89	< LOD	20.83	764.92	34.74	< LOD	2066.11
300	14871	cm 10	16402.17	161.67	20463.01	401.03	2017.19	78.5	171675.4	820.29	< LOD	20.77	785.07	34.66	1903.57	1027.65
300	14871	cm 12	14974.75	151.07	18455.01	376.02	2572.49	79.52	169354.7	806.51	< LOD	20.05	793.08	33.98	2366.09	994.95
300	14871	cm 14	15759.11	163.82	21872.44	410.92	2190.04	77.95	168531.4	801.74	< LOD	20	831.08	34.2	2401.79	1025.26
300	14871	cm 16	15901.16	166.46	21461.67	414.08	1778.39	76.13	159598.1	781.14	< LOD	20.64	827.89	35.04	1752.34	1031.3
300	14871	cm 18	15655.74	160.57	20899.45	395.46	1488.75	73.61	167313.6	801.01	< LOD	20.3	687.86	33.35	< LOD	1480.28
300	14871	cm 20	16791.38	170.51	20279.2	397.41	1056.56	70.15	151418.6	761.47	< LOD	20.88	628.69	33.73	< LOD	1575.36
300	14871	cm 22	18483.06	184.56	25017.89	450.87	751.79	72.85	170631.6	811.44	< LOD	20.21	683.24	33.42	2819.95	1079.73
300	14871	cm 24	16814.33	185.58	22095.67	438.19	819.1	73.22	156770.7	777.71	< LOD	22.4	812.23	36.84	< LOD	1676.83
300	14871	cm 26	18818.36	198.62	29489.33	510.22	962.21	78.69	184788.4	854.74	< LOD	21.19	911.8	36.38	3468.22	1182.49
300	14869	cm 2	13089.19	139.09	13995.36	320.99	3375.55	75.32	133531.3	681.94	23.43	13.15	659.45	31.12	< LOD	2144.58
300	14869	cm 4	12756.91	139.46	16519.96	356.39	3431.09	81.16	147710.3	740.29	46.25	14.18	842.29	34.42	< LOD	1369.87
300	14869	cm 6	13649.75	144.71	18394.58	390.76	4480.38	90.7	161465	784.29	39.91	14.73	849.3	35.62	< LOD	1537.42
300	14869	cm 8	13996.83	163.68	18312.1	373.39	3320.3	82.01	162919	1160.25	< LOD	20.92	1177.91	36.4	< LOD	1480.18
300	14869	cm 10	13865.24	140.62	16279.8	337.1	2591.44	73.14	152674.7	736.34	< LOD	18.65	653.93	30.95	< LOD	1831.57
300	14869	cm 12	14288.73	150.82	17569.41	348.65	2422.9	71.3	145477.6	719.93	< LOD	18.35	696.2	30.87	< LOD	1342.24
300	14869	cm 14	14118.99	150.77	15908.33	342.19	2243.27	70.44	124833.8	665.1	< LOD	21.41	763.43	33.89	< LOD	1412.3
300	14869	cm 16	14941.85	166.25	18248.07	371.82	1679.27	68.44	129689.2	677.08	< LOD	26.24	749.05	33.28	1505.12	980.98
300	14869	cm 18	17192.34	184.66	24755.04	447.11	1893.53	77.75	166649.4	796.67	< LOD	20.57	1014.73	35.99	3027.27	1086.68
300	14869	cm 20	18342.19	184.19	26631.04	459.07	1354.13	76.5	178498.1	828.78	< LOD	19.98	917.09	34.75	2077.5	1051.76
300	14869	cm 22	17782.22	185.44	26836.86	480.8	1129.23	77.98	177884.8	835.54	< LOD	20.8	821.62	35.39	3617.8	1147.68
300	14869	cm 24	17121.03	172.74	20814.47	400.51	916.65	68.23	153237.8	753.06	< LOD	19.72	725.71	32.73	< LOD	2025.05
300	14869	cm 26	17867.29	180.8	26590.2	468.96	890.27	75.52	177762.7	830.52	< LOD	20.69	673.19	33.73	1850.51	1083.6

Core 14865

All filter times 50-100-50-100 in seconds.

Duration	SAMPLE	MISC	Ba	Ba Error	Sb	Sb Error	Sn	Sn Error	Cd	Cd Error	Pd	Pd Error	Ag	Ag Error	Bal	Bal Error
300	14865	cm 2	423.89	25.24	< LOD	8.52	< LOD	9.36	< LOD	4.26	< LOD	1.81	< LOD	1.88	802913.06	792.38
300	14865	cm 4	431.95	24.52	< LOD	8.24	< LOD	10.09	< LOD	4.18	< LOD	1.72	< LOD	1.85	791903.56	814.56
300	14865	cm 6	508.99	25.96	< LOD	8.55	10.39	6.35	< LOD	4.36	< LOD	2.44	< LOD	1.87	758004.25	918.71
300	14865	cm 8	468.94	25.33	< LOD	8.42	< LOD	10.24	< LOD	4.3	< LOD	1.77	< LOD	1.86	796235.75	808.8
300	14865	cm 10	483.72	25.04	< LOD	10.95	< LOD	12.16	< LOD	4.27	< LOD	1.71	< LOD	3.26	770782.63	883.06
300	14865	cm 12	624.49	27.3	< LOD	8.96	< LOD	8.63	< LOD	4.48	< LOD	1.84	< LOD	1.98	755914.38	957.33
300	14865	cm 14	384.84	24.11	< LOD	8.17	< LOD	7.87	< LOD	4.09	< LOD	1.7	< LOD	1.79	778176.38	850.12
300	14865	cm 16	457.31	25.11	< LOD	9.59	< LOD	8.15	< LOD	4.31	< LOD	1.76	< LOD	1.86	771181.88	892.12
300	14865	cm 18	416.19	24.75	< LOD	8.36	< LOD	8.11	< LOD	4.23	< LOD	1.74	< LOD	1.8	776163.63	858.39
300	14865	cm 20	404.99	25.22	< LOD	8.55	< LOD	12.66	< LOD	4.29	< LOD	1.77	< LOD	1.92	770191.94	892.36
300	14865	cm 22	408.78	24.99	< LOD	8.46	< LOD	8.18	< LOD	4.24	< LOD	1.96	< LOD	1.84	748150	952.12
300	14865	cm 24	388.72	25.41	< LOD	8.59	< LOD	8.34	< LOD	4.32	< LOD	2.2	< LOD	1.85	749209.31	962.22
300	14865	cm 26	413.67	27.01	< LOD	9.14	< LOD	8.83	< LOD	4.53	< LOD	1.97	< LOD	2.01	768897.19	906.59
300	14865	cm 28	395.57	24.62	< LOD	8.31	< LOD	8	< LOD	4.08	< LOD	2.2	< LOD	1.78	774659.19	877.18

Duration	SAMPLE	MISC	Mo	Mo Error	Nb	Nb Error	Zr	Zr Error	Sr	Sr Error	Rb	Rb Error	Bi	Bi Error	As	As Error	Se	Se Error
300	14865	cm 2	4.85	1.46	21.72	1.33	271.68	3.78	100.03	2.04	47.8	1.49	11.58	3.02	5.85	3.86	< LOD	1.56
300	14865	cm 4	5.88	1.45	17.24	1.26	276.97	3.77	95.11	1.96	47.55	1.47	8.25	2.84	9.51	3.44	< LOD	1.5
300	14865	cm 6	4.96	1.42	15.54	1.25	211.71	3.39	130.15	2.32	46.87	1.48	8.56	2.9	12.51	3.51	< LOD	2.29
300	14865	cm 8	5.51	1.46	19.23	1.3	255.8	3.68	107.32	2.11	50.56	1.53	8.42	2.93	7.21	3.62	< LOD	1.5
300	14865	cm 10	4.36	1.43	16.62	1.26	245.29	3.58	102.67	2.05	46.72	1.47	7.07	2.85	8.73	3.55	< LOD	1.5
300	14865	cm 12	3.28	1.43	18.23	1.31	200.92	3.47	190.67	2.9	54.51	1.63	9.66	3.09	8.96	3.75	< LOD	1.5
300	14865	cm 14	5.09	1.39	17.22	1.24	210.79	3.3	122.87	2.2	50.13	1.49	6.1	2.76	< LOD	4.93	< LOD	1.5
300	14865	cm 16	4.28	1.44	17.19	1.27	251.45	3.64	100.03	2.03	51.87	1.54	9.5	2.94	6.54	3.3	< LOD	2.36
300	14865	cm 18	2.22	1.38	17.65	1.25	239.11	3.48	95.76	1.96	57.27	1.59	10.57	2.96	10.18	3.27	< LOD	1.5
300	14865	cm 20	3.47	1.47	29.9	1.42	315.7	4.08	93.71	1.97	64.48	1.71	11.72	3.15	5.78	3.76	< LOD	1.5
300	14865	cm 22	6.76	1.44	19.98	1.28	244.53	3.52	90.98	1.91	50.58	1.5	9.98	2.9	7.65	3.15	< LOD	1.74
300	14865	cm 24	14.39	1.53	20.82	1.32	211.74	3.38	92.77	1.98	52.68	1.57	11.32	3.06	12.01	3.48	< LOD	1.5
300	14865	cm 26	3.83	1.44	18.62	1.29	244.24	3.6	95.62	2	54.16	1.58	8.58	2.92	8.01	3.02	< LOD	1.51
300	14865	cm 28	3.71	1.43	19.16	1.28	263.77	3.7	94.93	1.97	57.01	1.6	9.52	2.93	7.4	3	< LOD	2.63

Duration	SAMPLE	MISC	Au	Au Error	Pb	Pb Error	W	W Error	Zn	Zn Error	Cu	Cu Error	Ni	Ni Error	Co	Co Error
300	14865	cm 2	< LOD	5.54	37.22	4.42	< LOD	39.46	65.28	7.03	72.8	11.38	< LOD	25.12	< LOD	68.61
300	14865	cm 4	< LOD	5.31	20.75	3.83	< LOD	38.3	65.61	6.93	104.11	11.77	< LOD	24.06	< LOD	69.88
300	14865	cm 6	< LOD	5.55	18.72	3.87	< LOD	40.04	132.63	8.54	79.64	11.31	< LOD	24.58	< LOD	79.3
300	14865	cm 8	< LOD	5.54	27.51	4.12	< LOD	39.2	64.67	6.98	63	11.03	< LOD	24.58	< LOD	72.93
300	14865	cm 10	< LOD	5.53	24.55	4	< LOD	39.26	70.26	7.09	65.19	10.97	< LOD	24.4	< LOD	76.79
300	14865	cm 12	< LOD	5.99	27.14	4.23	< LOD	41.97	98.44	8.05	79.19	11.66	< LOD	34.34	< LOD	77.4
300	14865	cm 14	< LOD	4.98	21.43	3.81	< LOD	36.83	69.73	6.9	81.81	11.15	< LOD	23.74	< LOD	67.75
300	14865	cm 16	< LOD	5.05	17.07	3.79	< LOD	37.91	73.45	7.17	52.72	10.76	< LOD	24.79	< LOD	71.62
300	14865	cm 18	< LOD	5.48	14.59	3.64	< LOD	38.19	72.6	6.98	30.97	10.02	< LOD	24.19	< LOD	72.81
300	14865	cm 20	< LOD	5.64	33.27	4.32	< LOD	39.01	65.07	6.94	40.52	10.51	< LOD	24.77	< LOD	74.56
300	14865	cm 22	< LOD	5.41	12.59	3.59	< LOD	38.34	63.62	6.81	38.23	10.25	< LOD	24.34	< LOD	74.71
300	14865	cm 24	< LOD	5.67	16.86	3.85	< LOD	38.97	62.29	6.87	34.15	10.29	< LOD	26.32	< LOD	86.27
300	14865	cm 26	< LOD	5.55	6.34	3.42	< LOD	39.65	53.02	6.7	< LOD	15.05	< LOD	39.08	< LOD	73.35
300	14865	cm 28	< LOD	5.41	6.94	3.43	< LOD	38.68	51.31	6.57	< LOD	14.66	< LOD	33.95	< LOD	71.61

Duration	SAMPLE	MISC	Fe	Fe Error	Mn	Mn Error	Cr	Cr Error	V	V Error	Ti	Ti Error	Ca	Ca Error	K	K Error
300	14865	cm 2	19785.64	176.9	1165.39	67.42	70.8	9.43	74.79	13.2	1941.32	26.71	8542.41	149.9	11947.75	128.86
300	14865	cm 4	21400.86	181.72	1318.33	68.7	48.18	9.7	79.08	13.67	1953.96	27.36	8649.89	152.87	11651.54	128.47
300	14865	cm 6	27996.96	211.37	559.64	55.64	80.44	11.1	105.98	16.32	1802.83	31.06	21721.04	255.11	11775.06	139.49
300	14865	cm 8	23053.03	190.86	1256.95	68.37	50.68	9.68	88.38	13.91	1879.25	27.51	7951.6	151.15	11984.52	132.91
300	14865	cm 10	26679.2	204.81	532.4	54.78	56.41	11.15	90.21	15.96	1976.66	30.91	8485.6	166.18	12267.5	142.72
300	14865	cm 12	24671.54	202.71	547.03	57.3	94.88	11.15	83.88	15.93	2129.25	31.6	12863.78	198.24	13865.11	150.51
300	14865	cm 14	20170.46	174.6	594.25	55.59	52.94	9.31	83.58	13.33	1987.68	27.01	11378.72	171.5	13328.47	136.01
300	14865	cm 16	22088.59	186.68	436.36	53.65	58.97	9.71	86.97	14.13	2181.17	28.81	8578.22	153.77	12827.58	135.63
300	14865	cm 18	23868.08	190.92	274.5	49.08	60.07	9.96	84.99	14.2	2157.77	28.92	7648.51	150.58	13566.57	142.52
300	14865	cm 20	24356.51	196.36	337.96	51.47	77.74	10.79	94.63	15.27	2136.88	30.3	7551.68	154.01	14215.8	149.43
300	14865	cm 22	24806.34	195.23	269.64	49.17	83.77	10.75	108.44	15.34	2200.76	30.61	7229.73	153.43	14168.3	150.84
300	14865	cm 24	33820.04	234.77	291.04	49.81	87.04	11.75	127.99	16.6	2332.08	32.93	7749.52	166.64	14382.03	158.75
300	14865	cm 26	22399.38	189.1	242.61	50.08	71.19	9.85	92.42	13.74	2110.92	28.07	7159.79	145.67	13977.54	143.71
300	14865	cm 28	21960.53	185.2	261.23	49.91	73.03	9.65	100.65	14.11	2299.47	29.26	7261.71	146.97	14460.78	146.61

Duration	SAMPLE	MISC	Al	Al Error	P	P Error	Si	Si Error	Cl	Cl Error	S	S Error	Mg	Mg Error
300	14865	cm 2	13194.52	310.15	3410.92	75.86	135382.94	701.48	< LOD	18.51	500.32	30.52	< LOD	1779.66
300	14865	cm 4	14036.1	323.17	4311.69	81.51	142860.41	717.08	< LOD	18.15	703.46	31.67	< LOD	2042.18
300	14865	cm 6	15790.5	387.24	11946.72	124.59	148279.38	738.94	< LOD	19.8	754.74	35.58	< LOD	2551.45
300	14865	cm 8	12636.85	298.96	4000.42	77.63	139237.52	704.67	< LOD	17.58	546.95	29.74	< LOD	1194.75
300	14865	cm 10	15392.14	346.7	5836.8	92.38	154909.53	755.93	< LOD	18.85	846.57	33.81	< LOD	1422.81
300	14865	cm 12	18083	387.72	6688.33	100.99	162850.77	798.74	< LOD	19.94	892.58	35.86	< LOD	1520.45
300	14865	cm 14	14151.74	322.07	3005.02	76.75	155624.25	750.62	< LOD	18.16	471.56	29.88	< LOD	1404.01
300	14865	cm 16	16546.34	345.86	3585.65	80.33	160811.52	775.18	< LOD	18.18	575.37	30.56	< LOD	1676.05
300	14865	cm 18	16199.59	342.35	3531.52	78.36	154927.06	744.52	< LOD	17.76	550.59	30.02	< LOD	2156.53
300	14865	cm 20	17030.62	359.92	4329.7	84.84	157771.98	766.3	< LOD	18.74	835.93	33.32	< LOD	2113.43
300	14865	cm 22	20859.37	402.48	4081.42	88.58	174647.16	816.53	< LOD	19.55	861.62	34.7	1579.66	998.36
300	14865	cm 24	21162.24	413.59	6423.14	98.76	162424.13	787.19	< LOD	19.54	1073.76	36.55	< LOD	1509.06
300	14865	cm 26	18194.46	367.33	2963.68	80.02	162520.77	792.07	< LOD	19.27	451.56	31.4	< LOD	1355.35
300	14865	cm 28	16744.81	338.21	1511.66	68.83	159413.05	766.9	< LOD	17.66	331.19	28.05	< LOD	1251.01

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Duration	SAMPLE	MISC	Sb	Sb Error	Sn	Sn Error	Cd	Cd Error	Pd	Pd Error	Ag	Ag Error	Bal	Bal Error	Mo	Mo Error
300	14813	cm 0-2	< LOD	9.29	< LOD	8.95	< LOD	4.62	< LOD	1.92	< LOD	2.06	761050.13	933.73	2.97	1.43
300	14813	cm 4	< LOD	10.23	15.77	6.64	< LOD	4.51	< LOD	1.9	< LOD	1.99	781705.63	866.25	3.66	1.43
300	14813	cm 6	< LOD	9.24	10.71	6.23	< LOD	4.22	< LOD	1.76	< LOD	1.84	777379.31	871.46	3.78	1.43
300	14813	cm 8	< LOD	7.99	13.14	5.96	< LOD	4.01	< LOD	1.61	< LOD	1.74	795007.31	815.55	4.99	1.47
300	14813	cm 10	< LOD	8.45	10.55	6.22	< LOD	4.25	< LOD	1.71	< LOD	1.87	756360	942.15	5.06	1.46
300	14813	cm 12	< LOD	8.6	13.98	6.36	< LOD	4.34	< LOD	1.76	< LOD	1.88	772715.94	894.19	4.14	1.44
300	14813	cm 14	< LOD	8.61	13.29	6.4	< LOD	4.37	< LOD	1.8	< LOD	1.9	759365.56	924.07	3.83	1.44
300	14813	cm 16	< LOD	8.88	24.27	6.66	< LOD	4.46	< LOD	1.84	< LOD	1.93	777332.31	880.44	3.08	1.45
300	14813	cm 18	< LOD	8.56	51.05	6.82	< LOD	4.34	< LOD	2.56	< LOD	1.94	757355.94	944.65	4.12	1.46
300	14813	cm 20	< LOD	8.68	18.41	6.47	< LOD	4.37	< LOD	1.78	< LOD	1.93	746652.31	971.75	4.88	1.45
300	14813	cm 22	< LOD	9.5	< LOD	9.93	< LOD	4.6	< LOD	1.95	< LOD	2.04	755589.69	945.49	2.63	1.4
300	14813	cm 24	< LOD	9.05	< LOD	8.78	< LOD	4.57	< LOD	1.95	< LOD	2.01	722845.44	1077.37	4.9	1.53
300	14813	cm 26	< LOD	9.32	< LOD	10.21	< LOD	4.72	< LOD	2.01	< LOD	2.05	766255.94	933.13	6.56	1.5
300	14813	cm 28	< LOD	8.84	22.75	6.65	< LOD	4.42	< LOD	1.88	< LOD	1.94	749644.25	1068.79	5.02	1.49
300	14813	cm 42	< LOD	9.49	< LOD	12.12	< LOD	4.73	< LOD	2.25	< LOD	2.15	692570.44	1174.93	7.01	1.58
300	14813	cm 48	< LOD	9.03	< LOD	8.61	< LOD	4.47	< LOD	1.87	< LOD	1.97	685830.75	1177.43	6.48	1.45
300	14813	cm 52	< LOD	9.25	< LOD	9.03	< LOD	4.62	< LOD	1.96	< LOD	2.02	713409.5	1109.88	3.65	1.45
300	14813	cm 56	< LOD	9.13	< LOD	8.85	< LOD	4.58	< LOD	1.9	< LOD	2.03	688258.19	1185.42	5.02	1.47
300	14813	cm 60	< LOD	9.03	< LOD	8.69	< LOD	4.51	< LOD	1.86	< LOD	1.94	692177.06	1160.62	7.49	1.48
300	14813	cm 64	< LOD	9.34	< LOD	10.44	< LOD	4.62	< LOD	1.97	< LOD	2.03	678724.44	1204.93	6.32	1.49
300	14813	cm 70	< LOD	9.09	< LOD	9.06	< LOD	4.51	< LOD	1.94	< LOD	2.08	715705.63	1078.45	4.97	1.5
300	14823	cm 12	< LOD	8.3	84.05	6.93	< LOD	4.22	< LOD	1.72	< LOD	1.73	759686.56	930.83	4.07	1.42
300	14823	cm 16	< LOD	8.13	< LOD	9	< LOD	4.02	< LOD	1.61	< LOD	1.73	804632.56	773.59	2.41	1.39
300	14823	cm 20	< LOD	9.08	17.46	6.72	< LOD	4.55	< LOD	1.9	< LOD	2.08	784924.5	848.25	2.31	1.39
300	14823	cm 24	< LOD	8.7	< LOD	10.64	< LOD	4.32	< LOD	1.85	< LOD	1.89	778983.38	903.13	< LOD	2.27
300	14823	cm 28	< LOD	9.07	< LOD	9.91	< LOD	4.57	< LOD	1.93	< LOD	2	768762.75	917.47	< LOD	1.5

Duration	SAMPLE	MISC	Sb	Sb Error	Sn	Sn Error	Cd	Cd Error	Pd	Pd Error	Ag	Ag Error	Bal	Bal Error	Mo	Mo Error
300	14823	cm 30	< LOD	8.66	< LOD	12.06	< LOD	4.35	< LOD	1.83	< LOD	1.86	773410.19	889.42	< LOD	1.5
300	14823	cm 32	< LOD	8.64	< LOD	13.81	< LOD	4.36	< LOD	1.76	< LOD	1.91	764967.81	908.89	3.11	1.4
300	14823	cm 34	< LOD	9.53	< LOD	11.96	< LOD	4.35	< LOD	1.8	< LOD	1.87	773870.88	879.01	2.75	1.45
300	14823	cm 36	< LOD	8.5	< LOD	8.24	< LOD	4.26	< LOD	1.7	< LOD	1.8	741450.44	1094.38	4.25	1.46
300	14823	cm 48	< LOD	9.52	< LOD	9.22	< LOD	4.76	< LOD	2.08	< LOD	2.11	728944.31	1055.16	4.49	1.53
300	14823	cm 50	< LOD	11.33	< LOD	15.79	< LOD	4.77	< LOD	1.91	< LOD	2.08	777429.94	893.55	7.13	1.64
300	14823	cm 52	< LOD	8.93	< LOD	8.62	< LOD	4.48	< LOD	1.92	< LOD	1.91	684687.5	1175.84	4	1.48
300	14823	cm 54	< LOD	10.47	< LOD	10.97	< LOD	5.26	< LOD	2.32	< LOD	2.38	764858.06	956.5	4.15	1.49
300	14823	cm 58	< LOD	9	< LOD	8.74	< LOD	4.48	< LOD	1.85	< LOD	2.01	721832.81	1068.99	14.21	1.53
300	14823	cm 62	< LOD	8.97	< LOD	10.34	< LOD	4.54	< LOD	1.94	< LOD	1.93	724681.75	1047.17	6.22	1.45
300	14823	cm 66	< LOD	9.18	< LOD	9	< LOD	4.71	< LOD	1.98	< LOD	2.01	706091.94	1119.38	14.76	1.57
300	14823	cm 70	< LOD	9.75	< LOD	9.38	< LOD	4.89	< LOD	2.17	< LOD	2.19	730575.5	1023.33	38.78	1.83
300	14823	cm 74	< LOD	9.21	< LOD	8.83	< LOD	4.55	< LOD	1.91	< LOD	1.93	713806	1089.53	13.78	1.55
300	14819	cm 14	< LOD	8.14	13.92	6.07	< LOD	4.1	< LOD	1.94	< LOD	1.81	788887	822.39	4.4	1.4
300	14819	cm 18	< LOD	10.58	16.35	6.35	< LOD	4.25	< LOD	1.8	< LOD	1.84	764132.75	924.11	4.51	1.45
300	14819	cm 22	< LOD	16.06	15.62	6.93	< LOD	4.8	< LOD	2.06	< LOD	4.18	806422.63	757.54	2.94	1.4
300	14819	cm 26	< LOD	9.87	11.04	6.07	< LOD	4.09	< LOD	1.68	< LOD	1.81	775642.25	881.63	3.5	1.44
300	14819	cm 28	< LOD	8.74	< LOD	9.58	< LOD	4.38	< LOD	1.84	< LOD	1.87	742929.06	984.79	5.94	1.48
300	14819	cm 30	< LOD	11.99	< LOD	13.69	< LOD	4.68	< LOD	1.95	< LOD	2.07	763506.56	922.64	4.62	1.49
300	14819	cm 32	< LOD	8.71	< LOD	11.62	< LOD	4.37	< LOD	1.85	< LOD	1.88	699154.56	1142.62	6.65	1.51
300	14819	cm 36	< LOD	9.11	< LOD	14.48	< LOD	4.41	< LOD	1.82	< LOD	1.91	733108.31	1028.42	5.59	1.45
300	14819	cm 50	< LOD	8.81	< LOD	8.53	< LOD	4.41	< LOD	1.83	< LOD	1.9	751827.38	960.07	8.75	1.48
300	14819	cm 54	< LOD	10	< LOD	12.82	< LOD	5.12	< LOD	2.15	< LOD	2.29	753682.5	953.75	11.66	1.53
300	14819	cm 62	< LOD	9.76	< LOD	9.44	< LOD	4.84	< LOD	2.12	< LOD	2.2	728999.88	1055	23.85	1.68
300	14819	cm 70	< LOD	9.04	< LOD	9.92	< LOD	4.51	< LOD	1.89	< LOD	2.03	715342.56	1085.48	14.7	1.59
300	14825	cm 16	< LOD	7.83	15.94	5.88	< LOD	3.86	< LOD	2.03	< LOD	1.63	826528.25	703.81	2.78	1.41
300	14825	cm 20	< LOD	8.72	12.71	6.42	< LOD	4.39	< LOD	1.8	< LOD	1.9	791714.56	1033.15	< LOD	2.09
300	14825	cm 24	< LOD	8.24	25.8	6.28	< LOD	4.13	< LOD	1.65	< LOD	1.77	785791	843.21	< LOD	2.11
300	14825	cm 28	< LOD	10.53	344.19	10.13	< LOD	6.91	< LOD	1.84	< LOD	3.39	811098.94	779.63	4.73	1.54

Duration	SAMPLE	MISC	Sb	Sb Error	Sn	Sn Error	Cd	Cd Error	Pd	Pd Error	Ag	Ag Error	Bal	Bal Error	Mo	Mo Error
300	14825	cm 30	< LOD	11.2	159.39	8.96	< LOD	4.9	< LOD	2.55	< LOD	2.26	827315.88	772.91	8.35	1.7
300	14825	cm 32	< LOD	11.21	303.96	9.27	< LOD	5.85	< LOD	2.79	4.82	1.98	819543.81	720.5	6.79	1.44
300	14825	cm 34	< LOD	14.8	86.74	7.4	< LOD	4.56	< LOD	1.89	3.82	2.07	797863	810.66	5.1	1.47
300	14825	cm 36	< LOD	8.02	49.22	6.43	< LOD	4.05	< LOD	1.62	5.57	1.94	809244.81	747.04	5.34	1.4
300	14825	cm 38	< LOD	11.37	75.42	7.3	< LOD	4.47	< LOD	1.85	< LOD	3.79	767944.5	910.92	9.04	1.54
300	14825	cm 40	< LOD	9.2	94.78	7.75	< LOD	4.71	< LOD	3.16	< LOD	3.61	794357.5	803.43	13.99	1.52
300	14825	cm 50	< LOD	9.54	< LOD	9.13	< LOD	4.83	< LOD	3.12	< LOD	2.07	724037.56	1058.98	31.18	1.73
300	14825	cm 54	< LOD	8.89	< LOD	8.6	< LOD	4.5	< LOD	1.91	< LOD	1.92	707358	1105.59	12.55	1.51
300	14825	cm 58	< LOD	9.26	< LOD	8.96	< LOD	4.57	< LOD	1.94	< LOD	2.05	703773.88	1132.81	16.28	1.59
300	14825	cm 62	< LOD	8.7	< LOD	9.02	< LOD	4.31	< LOD	1.82	< LOD	1.87	727744.88	1028.94	5.24	1.43
300	14825	cm 66	< LOD	11.94	< LOD	9.7	< LOD	5.11	< LOD	2.19	< LOD	2.25	715247.5	1091.8	22.85	1.68
300	14825	cm 70	< LOD	9.27	< LOD	11.05	< LOD	4.57	< LOD	2.61	< LOD	2.04	722765.5	1049.36	5.55	1.46
300	14821	cm 16	< LOD	8.1	10.11	5.99	< LOD	4.04	< LOD	1.62	< LOD	1.75	799536.19	794.09	3.54	1.39
300	14821	cm 20	< LOD	8.54	9.92	6.28	< LOD	4.28	< LOD	1.71	< LOD	1.9	817855.44	740.33	4.06	1.44
300	14821	cm 24	< LOD	8.65	67.31	6.99	< LOD	4.3	< LOD	1.71	< LOD	1.89	786968.31	848.69	4.54	1.46
300	14821	cm 30	< LOD	11.22	< LOD	8.88	< LOD	4.6	< LOD	1.93	< LOD	2.09	810930	787.81	3.45	1.52
300	14821	cm 32	< LOD	9.05	< LOD	11.6	< LOD	4.53	< LOD	1.82	< LOD	1.98	740001.44	990.55	6.05	1.47
300	14821	cm 34	< LOD	9	< LOD	8.66	< LOD	4.48	< LOD	1.85	< LOD	1.86	709897.06	1109	5.67	1.5
300	14821	cm 36	< LOD	10.28	< LOD	9.8	< LOD	5.1	< LOD	2.18	< LOD	2.31	759254.63	1156.17	5.82	1.48
300	14821	cm 46	< LOD	8.62	< LOD	10.98	< LOD	4.34	< LOD	1.79	< LOD	1.84	721553.56	1058.58	8.15	1.44
300	14821	cm 50	< LOD	8.86	< LOD	11.04	< LOD	4.51	< LOD	2.78	< LOD	1.96	721906	1034.3	51.59	1.87
300	14821	cm 54	< LOD	8.37	< LOD	8.15	< LOD	4.22	< LOD	2.15	< LOD	1.77	718814.19	1074.99	4.62	1.42
300	14821	cm 60	< LOD	9.29	< LOD	8.99	< LOD	4.66	< LOD	1.96	< LOD	2	712604.88	1092.31	6.09	1.46
300	14827	cm 16	< LOD	8.64	23.33	6.51	< LOD	4.34	< LOD	1.83	< LOD	1.9	775875.75	890.53	2.67	1.43
300	14827	cm 20	< LOD	8.83	< LOD	10.18	< LOD	4.38	< LOD	1.78	< LOD	1.97	763463.06	914.73	2.62	1.41
300	14827	cm 24	< LOD	8.44	25.38	6.4	< LOD	4.3	< LOD	1.76	< LOD	1.86	800941.75	784.71	3.58	1.48
300	14827	cm 28	< LOD	9.34	45.49	7.22	< LOD	4.66	< LOD	2.14	< LOD	2.14	682819.88	1178.54	3.74	1.51
300	14827	cm 30	< LOD	11.44	< LOD	12.43	< LOD	5.14	< LOD	2.24	< LOD	2.32	717073.38	1071.02	4.39	1.51
300	14827	cm 34	< LOD	9.9	< LOD	10.7	< LOD	5.01	< LOD	2.18	< LOD	2.32	732342.63	1033.31	5.71	1.48

Duration	SAMPLE	MISC	Sb	Sb Error	Sn	Sn Error	Cd	Cd Error	Pd	Pd Error	Ag	Ag Error	Bal	Bal Error	Mo	Mo Error
300	14807	cm 20	< LOD	8.97	< LOD	10.7	< LOD	4.48	< LOD	1.87	< LOD	2.01	795386.44	816.46	3.78	1.43
300	14807	cm 24	< LOD	8.31	< LOD	9.08	< LOD	4.13	< LOD	1.7	< LOD	1.75	794864.38	817.82	2.51	1.41
300	14807	cm 28	< LOD	9.06	< LOD	8.77	< LOD	4.5	< LOD	1.85	< LOD	1.96	763816.63	960.71	7.41	1.74
300	14807	cm 32	< LOD	10.67	< LOD	9.92	< LOD	4.43	< LOD	2.15	< LOD	1.96	747930.94	970.09	3.44	1.44
300	14807	cm 34	< LOD	8.32	< LOD	9.54	< LOD	4.16	< LOD	2.39	< LOD	1.73	749032.5	959.24	4.55	1.42
300	14807	cm 36	< LOD	8.44	< LOD	13.09	< LOD	4.28	< LOD	2.49	< LOD	1.82	733251.13	1001.56	4.38	1.44
300	14807	cm 42	< LOD	11	< LOD	11.61	< LOD	5.09	< LOD	2.19	< LOD	2.29	638192.19	1284.84	3.45	1.51
300	14807	cm 48	< LOD	9.39	< LOD	9.1	< LOD	4.75	< LOD	2	< LOD	2.12	754159.88	959.99	3.57	1.45
300	14807	cm 50	< LOD	10.02	< LOD	10.4	< LOD	4.3	< LOD	1.78	< LOD	1.85	708169.81	1103.16	5.23	1.46
300	14807	cm 52	< LOD	8.96	< LOD	11.06	< LOD	4.43	< LOD	1.86	< LOD	1.87	721548.75	1071.81	4.73	1.46
300	14807	cm 56	< LOD	8.63	< LOD	8.33	< LOD	4.32	< LOD	1.74	< LOD	1.9	714626.94	1078.92	4.01	1.4
300	14807	cm 60	< LOD	8.74	< LOD	8.48	< LOD	4.39	< LOD	1.81	< LOD	1.84	709388.06	1101.22	2.98	1.39
300	14829	cm 18	< LOD	10.06	17.73	6.27	< LOD	4.18	< LOD	1.73	< LOD	1.83	771110.75	892.64	3.17	1.43
300	14829	cm 22	< LOD	8.48	17.56	6.34	< LOD	4.27	< LOD	1.74	< LOD	1.88	775880.19	882.9	3.05	1.44
300	14829	cm 24	< LOD	10.78	< LOD	12.5	< LOD	4.11	< LOD	1.62	< LOD	1.73	801606.69	776.85	2.63	1.36
300	14829	cm 26	< LOD	9.56	< LOD	8.86	< LOD	4.57	< LOD	1.97	< LOD	2.08	696469.38	1159.31	2.96	1.54
300	14829	cm 28	< LOD	9.27	< LOD	8.52	< LOD	4.44	< LOD	2.59	< LOD	1.97	694483.31	1165.67	4.97	1.51
300	14829	cm 32	< LOD	8.89	< LOD	8.64	< LOD	4.47	< LOD	1.79	< LOD	1.91	710871.13	1105.98	4.33	1.47
300	14829	cm 36	< LOD	9.23	< LOD	9.05	< LOD	4.62	< LOD	1.93	< LOD	2.11	725456.56	1046.14	4.51	1.45
300	14815	cm 20	< LOD	10.1	< LOD	10.9	< LOD	4.13	< LOD	1.85	< LOD	1.75	770037.13	965.99	3.47	1.49
300	14815	cm 24	< LOD	8.72	< LOD	9.58	< LOD	4.36	< LOD	1.81	< LOD	2	794420.94	827.71	< LOD	2.12
300	14815	cm 28	< LOD	8.5	31.39	6.53	< LOD	4.28	< LOD	1.8	< LOD	1.87	783222.94	850.96	4.76	1.46
300	14815	cm 32	< LOD	9.91	32.63	7.5	< LOD	4.99	< LOD	2.16	< LOD	2.24	793512.63	826.08	5.14	1.46
300	14815	cm 34	< LOD	9.13	1447.1	18.24	10.75	3.99	< LOD	1.91	< LOD	2.08	722545.5	1116	6.34	1.48
300	14815	cm 36	< LOD	8.57	76.25	7.06	< LOD	4.35	< LOD	1.77	< LOD	1.86	719686.88	1069.78	4.72	1.45
300	14815	cm 38	< LOD	8.59	< LOD	9.49	< LOD	4.35	< LOD	1.83	< LOD	1.84	739509.13	1010.82	7.92	1.5
300	14815	cm 42	< LOD	9.53	< LOD	10.38	< LOD	4.78	< LOD	2.09	< LOD	2.13	678798	1170.95	6.79	1.48
300	14815	cm 48	< LOD	9.1	< LOD	11.52	< LOD	4.51	< LOD	1.9	< LOD	2	736753.19	1025.56	7.39	1.49

Duration	SAMPLE	MISC	Sb	Sb Error	Sn	Sn Error	Cd	Cd Error	Pd	Pd Error	Ag	Ag Error	Bal	Bal Error	Mo	Mo Error
300	14815	cm 52	< LOD	8.88	< LOD	8.49	< LOD	4.38	< LOD	1.85	< LOD	1.92	713765.13	1099.03	3.95	1.44
300	14815	cm 56	< LOD	9.44	< LOD	9.16	< LOD	4.75	< LOD	2	< LOD	2.08	708894.88	1211.37	3.39	1.45
300	14815	cm 60	< LOD	9.27	< LOD	12.39	< LOD	4.75	< LOD	2.01	< LOD	2.06	700544.44	1147.35	4.56	1.45
300	14809	cm 20	< LOD	10.43	< LOD	14.27	< LOD	4.2	< LOD	1.79	< LOD	1.83	780269.75	851.07	3.48	1.38
300	14809	cm 24	< LOD	9.4	98.37	7.9	< LOD	4.82	< LOD	2.03	< LOD	2.07	752899.88	969.65	7.62	1.56
300	14809	cm 28	< LOD	10.76	< LOD	10.37	< LOD	4.27	< LOD	1.79	< LOD	1.8	783788.31	843.37	3.88	1.41
300	14809	cm 32	< LOD	8.75	18.02	6.54	< LOD	4.43	< LOD	1.88	< LOD	1.91	692074.88	1150.01	3.2	1.49
300	14809	cm 34	< LOD	8.8	15.43	6.5	< LOD	4.41	< LOD	1.83	< LOD	1.95	739044.06	1007.24	2.84	1.46
300	14809	cm 36	< LOD	8.44	10.73	6.29	< LOD	4.26	< LOD	1.75	< LOD	1.88	705187.44	1092.59	3.62	1.46
300	14809	cm 38	< LOD	10.48	< LOD	9.62	< LOD	4.39	< LOD	1.86	< LOD	1.92	726452.19	1045.54	6.96	1.47
300	14809	cm 48	< LOD	8.7	< LOD	8.4	< LOD	4.33	< LOD	1.84	< LOD	1.88	715300.69	1087.71	8.33	1.45
300	14809	cm 52	< LOD	9.22	< LOD	11.4	< LOD	4.68	< LOD	1.93	< LOD	1.99	709632.5	1097.64	14.14	1.53
300	14809	cm 56	< LOD	8.89	< LOD	8.6	< LOD	4.52	< LOD	1.89	< LOD	1.89	724152.75	1060.57	5.38	1.45
300	14817	cm 24	< LOD	9.27	< LOD	9.19	< LOD	4.14	< LOD	2.31	< LOD	1.83	794655.38	810.58	3.68	1.4
300	14817	cm 28	< LOD	8.45	12.95	6.15	< LOD	4.16	< LOD	2.77	< LOD	1.86	744163.69	968.65	4.33	1.44
300	14817	cm 32	< LOD	9.26	< LOD	10.72	< LOD	4.69	< LOD	2.04	< LOD	2.06	737756.44	1034.5	5.34	1.46
300	14817	cm 36	< LOD	8.9	< LOD	8.62	< LOD	4.45	< LOD	1.8	< LOD	1.91	723967.31	1062.79	3.58	1.42
300	14811	cm 24	< LOD	9.48	< LOD	9.27	< LOD	4.81	< LOD	2.03	< LOD	2.21	772586.38	931.62	10.76	1.78
300	14811	cm 28	< LOD	8.9	12.11	6.54	< LOD	4.47	< LOD	1.82	< LOD	1.93	774221.44	893.63	3.44	1.41
300	14811	cm 32	< LOD	9.4	< LOD	14.23	< LOD	4.71	< LOD	1.96	< LOD	2.05	726660.75	1022.86	5.68	1.43
300	14811	cm 36	< LOD	8.94	< LOD	8.57	< LOD	4.48	< LOD	1.84	< LOD	1.93	699925	1124.54	6.65	1.52

Duration	SAMPLE	MISC	Nb	Nb Error	Zr	Zr Error	Sr	Sr Error	Rb	Rb Error	Bi	Bi Error	As	As Error	Se	Se Error
300	14813	cm 0-2	20.33	1.3	262.52	3.7	104.93	2.07	52.4	1.54	9.72	3.07	< LOD	10.56	< LOD	1.5
300	14813	cm 4	21.53	1.33	240.17	3.58	103.9	2.08	57.1	1.62	10.75	3.19	< LOD	10.17	< LOD	1.5
300	14813	cm 6	19.93	1.29	262.08	3.69	109.28	2.11	54.96	1.58	13.33	3.19	< LOD	9.85	< LOD	1.5
300	14813	cm 8	20.69	1.31	292.89	3.92	110.46	2.13	55.94	1.59	10.74	3.18	< LOD	11	< LOD	1.5
300	14813	cm 10	24.74	1.36	284.23	3.86	109.56	2.12	59.85	1.65	11.26	3.31	< LOD	11.08	< LOD	2.57
300	14813	cm 12	20.06	1.3	258.56	3.7	111.82	2.15	53.78	1.57	10.39	3.15	< LOD	7.25	< LOD	1.5
300	14813	cm 14	19.99	1.3	257.76	3.69	108.64	2.11	58.97	1.64	9.26	3.17	< LOD	7.65	< LOD	1.5
300	14813	cm 16	19.2	1.3	281.99	3.88	117.6	2.21	55.65	1.6	7.29	3.04	8.43	4.69	< LOD	1.5
300	14813	cm 18	20.18	1.31	279.63	3.87	111.78	2.16	55.14	1.6	12.22	3.21	< LOD	10.04	< LOD	1.5
300	14813	cm 20	24.25	1.35	269.23	3.79	118.15	2.21	54.9	1.59	16.5	3.43	< LOD	10.04	< LOD	1.5
300	14813	cm 22	14.71	1.25	201.72	3.29	93.6	1.98	57.91	1.64	8.23	3.09	< LOD	7.05	< LOD	2.23
300	14813	cm 24	23.1	1.38	319.28	4.24	113.72	2.23	61.4	1.72	14.41	3.33	< LOD	6.55	< LOD	2.94
300	14813	cm 26	21.7	1.37	220.64	3.54	99.47	2.1	68.55	1.82	15.44	3.47	10.32	4.76	< LOD	2.58
300	14813	cm 28	24.72	1.38	279.77	3.93	117.36	2.23	70.12	1.8	17.94	3.46	< LOD	6.6	< LOD	1.72
300	14813	cm 42	28.47	1.46	342.35	4.44	121.82	2.33	76.32	1.92	19.48	3.56	6.69	3.81	< LOD	2.31
300	14813	cm 48	21.49	1.35	193.22	3.28	91.78	1.99	78.68	1.92	21.22	3.55	5.37	3.5	< LOD	1.85
300	14813	cm 52	22.79	1.37	218.61	3.5	98.14	2.07	77.37	1.92	20.7	3.53	< LOD	5.02	< LOD	2.01
300	14813	cm 56	22.66	1.38	211.97	3.46	97.4	2.07	79.86	1.96	20.02	3.53	6.25	3.28	< LOD	1.59
300	14813	cm 60	22.03	1.37	205.48	3.4	92.81	2.02	80.63	1.96	17.72	3.49	12.92	3.51	< LOD	2.4
300	14813	cm 64	23.05	1.38	215.93	3.51	96.25	2.07	77.57	1.94	19.58	3.55	14.8	3.56	< LOD	1.5
300	14813	cm 70	23.91	1.39	261.61	3.82	100.17	2.09	70.37	1.84	16.38	3.4	11.03	3.4	< LOD	2.16
300	14823	cm 12	18.57	1.28	250.19	3.6	100.66	2.03	48.08	1.48	8.35	3.02	< LOD	9.2	< LOD	1.5
300	14823	cm 16	19.08	1.27	235.44	3.47	95.52	1.96	52.86	1.54	10.03	3.14	< LOD	7.29	< LOD	1.5
300	14823	cm 20	19.44	1.29	209.23	3.41	180.97	2.74	61.81	1.67	7.69	3.16	< LOD	7.94	< LOD	1.5
300	14823	cm 24	23.16	1.4	304.17	4.19	102.83	2.16	52.81	1.63	12.19	3.34	< LOD	11.8	< LOD	2.44
300	14823	cm 28	7.07	1.15	136.53	2.73	54.29	1.54	32.93	1.28	5.96	3.08	< LOD	8.7	< LOD	1.5
300	14823	cm 30	8.71	1.16	149.71	2.86	80.72	1.84	47.4	1.49	11.61	3.37	< LOD	10.11	< LOD	1.5
300	14823	cm 32	23.8	1.34	225.92	3.47	122.34	2.24	57.92	1.62	9.32	3.13	< LOD	7.52	< LOD	1.5
300	14823	cm 34	20.25	1.31	282.69	3.88	123.05	2.26	55.06	1.59	9.84	3.06	< LOD	6.06	< LOD	2.3

Duration	SAMPLE	MISC	Nb	Nb Error	Zr	Zr Error	Sr	Sr Error	Rb	Rb Error	Bi	Bi Error	As	As Error	Se	Se Error
300	14823	cm 36	19.78	1.3	281.19	3.9	114.11	2.17	52.59	1.55	9.62	3.06	10.06	4.38	< LOD	1.5
300	14823	cm 48	23.67	1.38	337.16	4.33	121.8	2.29	54.52	1.62	9.28	3.02	< LOD	5.07	< LOD	1.58
300	14823	cm 50	41.11	1.6	432.5	5.04	135.58	2.45	78.44	1.95	20.2	3.57	< LOD	7.17	< LOD	2.95
300	14823	cm 52	29.46	1.44	286.21	3.98	122.62	2.29	70.95	1.82	14.61	3.26	7.69	3.12	< LOD	1.5
300	14823	cm 54	22	1.39	239.82	3.7	100.09	2.12	68.39	1.83	15.64	3.35	6.55	3.29	< LOD	2.17
300	14823	cm 58	18.34	1.33	155.16	3	78.18	1.87	70.58	1.85	16.72	3.44	9.33	3.52	< LOD	1.51
300	14823	cm 62	22.11	1.36	182.89	3.2	90.42	1.98	73.92	1.87	18.16	3.47	7.86	3.62	< LOD	1.94
300	14823	cm 66	21.25	1.38	181.95	3.26	85.87	1.97	69.15	1.85	11.91	3.35	17.43	3.71	< LOD	2.45
300	14823	cm 70	21.29	1.39	175.17	3.23	80.62	1.93	66.94	1.84	13.52	3.52	21.54	3.86	< LOD	2.09
300	14823	cm 74	22.53	1.38	190.96	3.3	87.53	1.97	71.34	1.86	15.5	3.43	13.59	3.57	< LOD	1.58
300	14819	cm 14	22.52	1.31	240.38	3.48	100.18	1.99	50.51	1.5	10.27	3.07	< LOD	6.7	< LOD	2.17
300	14819	cm 18	20.13	1.31	262.83	3.75	114.12	2.18	57.3	1.62	9.39	3.11	< LOD	8.53	< LOD	1.53
300	14819	cm 22	19.38	1.28	243.71	3.51	107.83	2.06	58.83	1.6	10.55	3.27	< LOD	10.76	< LOD	1.5
300	14819	cm 26	24.75	1.36	270.55	3.85	166.13	2.64	53.82	1.58	14.84	3.36	< LOD	8.02	< LOD	1.5
300	14819	cm 28	21.76	1.33	278.18	3.84	100.7	2.05	59.45	1.65	16.63	3.34	< LOD	7.16	< LOD	1.72
300	14819	cm 30	23.09	1.36	288.21	3.96	113.51	2.19	67.04	1.77	16.02	3.41	< LOD	6.97	< LOD	2.06
300	14819	cm 32	26.23	1.41	270.34	3.87	110.32	2.19	70.62	1.83	18.45	3.45	6.84	3.93	< LOD	2.15
300	14819	cm 36	20.86	1.33	221.27	3.46	90.56	1.96	71.61	1.82	18.27	3.39	8.11	3.56	< LOD	2.43
300	14819	cm 50	20.91	1.34	194.07	3.27	91.45	1.98	75.66	1.88	20.35	3.5	10.92	3.69	< LOD	2.67
300	14819	cm 54	23.28	1.38	203.4	3.36	94.23	2.02	70.92	1.83	19.47	3.5	8.04	3.97	< LOD	2.27
300	14819	cm 62	19.35	1.38	170.46	3.21	81.65	1.96	64.6	1.82	15.97	3.51	20.43	3.98	< LOD	2.93
300	14819	cm 70	20.01	1.36	215.36	3.53	94.6	2.07	65.14	1.8	14.43	3.4	14.81	3.79	< LOD	1.6
300	14825	cm 16	20.57	1.3	249.95	3.59	97.1	1.99	53.97	1.56	8.61	3.22	< LOD	12.31	< LOD	1.83
300	14825	cm 20	18.77	1.28	224.22	3.67	89.48	1.96	46.18	1.46	9.23	3.19	< LOD	8.79	< LOD	1.5
300	14825	cm 24	19.62	1.3	240.51	3.55	97.65	2.01	48.16	1.5	9.78	3.32	< LOD	11.87	< LOD	1.5
300	14825	cm 28	17.35	1.4	165.11	3.38	93.47	2.2	45.47	1.75	32.64	10.15	< LOD	50.28	< LOD	2.97
300	14825	cm 30	14.71	1.5	110.64	3.25	96.64	2.47	39.56	1.91	30.85	12.93	179.75	44.17	< LOD	3.92
300	14825	cm 32	15.65	1.3	117.38	2.75	93.61	2.06	45.55	1.59	29.07	7.23	< LOD	33.69	< LOD	2.19
300	14825	cm 34	21.71	1.35	248.91	3.69	102.59	2.09	54.82	1.63	19.12	4.41	19.06	11.35	< LOD	2.78

Duration	SAMPLE	MISC	Nb	Nb Error	Zr	Zr Error	Sr	Sr Error	Rb	Rb Error	Bi	Bi Error	As	As Error	Se	Se Error
300	14825	cm 36	26.05	1.36	195.07	3.2	107.02	2.08	62.32	1.67	16.35	3.8	< LOD	18.76	< LOD	2.7
300	14825	cm 38	22.39	1.37	265.7	3.85	103.6	2.13	63.96	1.76	12.76	4.16	< LOD	14.14	< LOD	1.64
300	14825	cm 40	21.84	1.34	186.55	3.21	97.73	2.04	58.58	1.68	20.72	4.74	< LOD	19.43	< LOD	1.77
300	14825	cm 50	18.45	1.34	184.67	3.26	80.16	1.9	66.36	1.81	16.16	3.67	12.61	5.97	< LOD	2.22
300	14825	cm 54	20.78	1.34	188.01	3.22	86.87	1.94	71.88	1.84	15.91	3.39	13.47	4	< LOD	1.81
300	14825	cm 58	20.7	1.37	190.51	3.32	87.17	1.99	69.61	1.85	16.86	3.46	13.54	3.69	< LOD	2.92
300	14825	cm 62	19.85	1.31	207.39	3.35	90.27	1.96	73.09	1.84	16.08	3.32	7.97	3.28	< LOD	2.74
300	14825	cm 66	19.97	1.39	169.63	3.21	79.21	1.94	62.93	1.81	14.45	3.64	22.38	5.39	< LOD	2.53
300	14825	cm 70	20.32	1.34	214.21	3.44	92.31	2	71.74	1.84	18.32	3.42	12.74	3.44	< LOD	1.5
300	14821	cm 16	19.02	1.27	227.62	3.41	107.46	2.07	53.66	1.54	7.72	3.04	< LOD	11.34	< LOD	2.08
300	14821	cm 20	22.98	1.34	256.46	3.69	113.21	2.16	51.3	1.54	11.17	3.31	< LOD	9.3	< LOD	2.18
300	14821	cm 24	18.42	1.29	266.06	3.77	110.38	2.15	47.62	1.5	10.88	3.26	< LOD	8.91	< LOD	2.03
300	14821	cm 30	24.11	1.4	316.52	4.21	111.25	2.2	55.18	1.64	11.6	3.11	< LOD	5.11	< LOD	1.55
300	14821	cm 32	23.28	1.36	247.98	3.64	103.78	2.08	65.97	1.74	16.82	3.28	7.23	3.4	< LOD	1.53
300	14821	cm 34	22.56	1.36	274.6	3.89	104.34	2.12	68.8	1.8	17.21	3.36	< LOD	6.53	< LOD	1.5
300	14821	cm 36	21.02	1.35	211.26	3.52	91.4	2.01	62.2	1.72	12.48	3.2	8.63	3.43	< LOD	2.46
300	14821	cm 46	21.53	1.33	185.16	3.15	83.68	1.87	72.56	1.82	20.59	3.39	8.16	3.13	< LOD	1.5
300	14821	cm 50	21.21	1.34	172.29	3.09	86.72	1.93	66.7	1.77	17.27	3.44	13.07	4.21	< LOD	2.37
300	14821	cm 54	20.23	1.32	186.74	3.19	90.02	1.96	77.06	1.89	19.49	3.42	< LOD	4.61	< LOD	2.3
300	14821	cm 60	21.53	1.35	204.45	3.36	94.55	2.02	75.37	1.88	22.09	3.51	5.89	3.17	< LOD	2.37
300	14827	cm 16	19.51	1.3	269	3.75	103.96	2.07	52.6	1.55	11.12	3.13	< LOD	7.33	< LOD	1.5
300	14827	cm 20	19.8	1.3	242.89	3.57	105.43	2.08	50.66	1.52	11.95	3.13	< LOD	10.16	< LOD	1.5
300	14827	cm 24	22.08	1.33	334.29	4.19	97.68	2	52.35	1.55	14.03	3.22	< LOD	7.41	< LOD	1.5
300	14827	cm 28	23.35	1.36	343.13	4.33	116.28	2.22	59.31	1.67	12.54	3.16	< LOD	6.2	< LOD	1.5
300	14827	cm 30	22.27	1.33	370.13	4.45	116.57	2.19	57.26	1.61	7.95	2.93	< LOD	7.12	< LOD	1.6
300	14827	cm 34	26.05	1.41	235.41	3.63	102.46	2.11	62.94	1.74	10.87	3.2	7.66	3.73	< LOD	1.5
300	14807	cm 20	21.73	1.34	219.14	3.45	102.42	2.08	54.29	1.6	9.94	3.09	< LOD	6.39	< LOD	1.5
300	14807	cm 24	18.66	1.28	245.83	3.59	103.15	2.06	58.81	1.63	11.72	3.11	6.45	4.14	< LOD	1.5

Duration	SAMPLE	MISC	Nb	Nb Error	Zr	Zr Error	Sr	Sr Error	Rb	Rb Error	Bi	Bi Error	As	As Error	Se	Se Error
300	14807	cm 28	65.65	1.86	587.34	6.09	174.19	2.82	94.36	2.15	18.39	3.77	< LOD	8.46	< LOD	2.5
300	14807	cm 32	24.1	1.35	262.95	3.73	114.66	2.17	55.9	1.6	8.57	3.01	< LOD	6.23	< LOD	1.68
300	14807	cm 34	22.07	1.32	243.27	3.57	108.32	2.1	53.8	1.56	11.87	3.05	8.12	4.03	< LOD	2.45
300	14807	cm 36	20.21	1.3	262.32	3.71	111.22	2.14	54.48	1.58	10.93	3.14	7.75	4.78	< LOD	1.64
300	14807	cm 42	29.39	1.43	349.92	4.39	139.04	2.42	69.13	1.79	17.33	3.46	< LOD	9.67	< LOD	1.55
300	14807	cm 48	21.46	1.34	236.21	3.58	95.95	2.02	64.03	1.73	13.67	3.21	8.54	3.55	< LOD	2.35
300	14807	cm 50	25.19	1.38	242.63	3.65	117.45	2.24	66.43	1.76	18.17	3.33	8.01	3.36	< LOD	1.5
300	14807	cm 52	22.32	1.34	252.57	3.68	97.69	2.03	69.9	1.8	17.23	3.31	6.67	3.24	< LOD	2.31
300	14807	cm 56	19.83	1.31	174.59	3.09	82.37	1.87	73.96	1.85	20.28	3.43	8.89	3.24	< LOD	1.5
300	14807	cm 60	21.73	1.33	187.38	3.17	88.54	1.92	78.18	1.88	20.86	3.43	< LOD	4.58	< LOD	1.5
300	14829	cm 18	19.83	1.3	259.22	3.68	97.06	2	50.57	1.53	9.14	3.13	< LOD	7.92	< LOD	1.5
300	14829	cm 22	21.62	1.33	252.79	3.67	104.49	2.09	56.23	1.61	14.03	3.37	< LOD	11.61	< LOD	2.34
300	14829	cm 24	17.28	1.25	182.39	3.03	63.88	1.61	54.05	1.55	20.24	3.57	< LOD	10.84	< LOD	1.5
300	14829	cm 26	26.24	1.43	362.05	4.56	120.38	2.31	60.66	1.72	11.29	3.17	6.38	3.6	< LOD	1.5
300	14829	cm 28	25.56	1.41	289.74	4.04	110.53	2.21	62.6	1.74	17.49	3.36	6.03	3.46	< LOD	1.53
300	14829	cm 32	23.98	1.38	241.65	3.66	104.46	2.13	71.12	1.83	16.71	3.37	6.89	3.41	< LOD	1.94
300	14829	cm 36	24.74	1.39	226.77	3.53	100.47	2.08	68.16	1.79	17.24	3.36	6	3.53	< LOD	2.07
300	14815	cm 20	30.96	1.44	320.09	4.19	132.45	2.35	59.57	1.66	12.71	3.29	9.28	5.12	< LOD	2.03
300	14815	cm 24	20.62	1.32	236.94	3.55	100.41	2.05	55.03	1.6	10.44	3.13	8.02	4.67	< LOD	1.5
300	14815	cm 28	24.85	1.38	246.82	3.66	107.96	2.13	57.5	1.64	10.88	3.39	< LOD	9.25	< LOD	1.54
300	14815	cm 32	27.68	1.42	223.09	3.5	111.73	2.18	66.82	1.77	13.84	3.45	< LOD	8.3	< LOD	2.45
300	14815	cm 34	23.03	1.37	218.18	3.48	99.72	2.08	66.14	1.77	17.12	3.62	< LOD	12.65	< LOD	2.46
300	14815	cm 36	23	1.35	252.92	3.69	113.67	2.18	69.64	1.79	14.37	3.31	< LOD	7.47	< LOD	1.61
300	14815	cm 38	23.15	1.37	237.1	3.62	99.77	2.08	72.07	1.85	22.79	3.63	< LOD	6.71	< LOD	2.89
300	14815	cm 42	26.97	1.41	231.63	3.58	115.78	2.22	87.2	2.01	20.18	3.58	6.72	3.62	< LOD	1.65
300	14815	cm 48	22.03	1.37	199.98	3.37	89.67	2	73.64	1.89	18.05	3.5	10.67	3.8	< LOD	3.06
300	14815	cm 52	22.77	1.37	213.14	3.44	92.64	2.01	80.68	1.95	17.48	3.46	< LOD	4.95	< LOD	2.39
300	14815	cm 56	21.63	1.36	213.5	3.45	93.15	2.01	79.11	1.93	20.11	3.54	7.66	3.35	< LOD	1.57

Duration	SAMPLE	MISC	Nb	Nb Error	Zr	Zr Error	Sr	Sr Error	Rb	Rb Error	Bi	Bi Error	As	As Error	Se	Se Error
300	14815	cm 60	21.97	1.37	195.11	3.33	90.93	2.01	76.59	1.92	20.18	3.54	11.81	3.5	< LOD	1.89
300	14809	cm 20	22.64	1.3	225.87	3.37	100.51	1.99	52.14	1.51	9.25	2.98	< LOD	9.81	< LOD	1.5
300	14809	cm 24	22.15	1.39	279.14	4.06	157.46	2.67	52.97	1.64	15.4	3.5	< LOD	7.82	< LOD	1.68
300	14809	cm 28	20.97	1.3	225.32	3.42	100.38	2.02	51.25	1.52	10.87	3.09	9.61	4.76	< LOD	1.5
300	14809	cm 32	23.19	1.35	331.31	4.25	122.23	2.27	59.04	1.66	9.23	3.06	< LOD	7.61	< LOD	2.68
300	14809	cm 34	22.27	1.35	286.36	3.94	112.2	2.18	57.04	1.63	7.4	3.05	< LOD	9.56	< LOD	2.32
300	14809	cm 36	22.63	1.33	316.24	4.08	109.92	2.12	57.57	1.62	17.42	3.24	< LOD	5.84	< LOD	1.5
300	14809	cm 38	22.43	1.36	221.09	3.48	95.13	2.02	65.8	1.76	14.9	3.32	< LOD	8.24	< LOD	2.35
300	14809	cm 48	19.87	1.32	183.05	3.16	88.06	1.93	74.27	1.85	20.66	3.44	5.65	3.18	< LOD	1.5
300	14809	cm 52	21.43	1.35	184.47	3.2	88.43	1.95	72.39	1.84	18.23	3.41	10.95	3.43	< LOD	2.36
300	14809	cm 56	21.86	1.35	202.49	3.34	89.93	1.97	78.49	1.92	17.45	3.41	7.6	3.25	< LOD	1.5
300	14817	cm 24	19	1.27	226.92	3.41	95.96	1.97	50.38	1.51	9.07	2.99	< LOD	9.44	< LOD	1.5
300	14817	cm 28	19.84	1.29	273.75	3.76	104.97	2.06	56.51	1.59	15.41	3.23	< LOD	9.42	< LOD	1.5
300	14817	cm 32	22.65	1.38	187.91	3.26	87.63	1.97	75.52	1.9	18.62	3.48	< LOD	5.16	< LOD	1.89
300	14817	cm 36	19.46	1.33	170.21	3.1	86.28	1.94	77.14	1.91	19.03	3.48	5.89	3.32	< LOD	1.5
300	14811	cm 24	67.35	1.91	547.18	5.91	165.24	2.78	74.06	1.94	19.39	3.71	10.94	4.77	< LOD	1.92
300	14811	cm 28	15.64	1.26	209.31	3.35	98.63	2.03	54.25	1.58	11.27	3.09	7.37	4.2	< LOD	1.55
300	14811	cm 32	21.82	1.32	221.27	3.4	96.01	1.98	62.08	1.67	17.65	3.31	< LOD	6.27	< LOD	1.7
300	14811	cm 36	24.5	1.38	304.3	4.08	115.83	2.22	64.84	1.74	14.73	3.25	5.48	3.57	< LOD	1.88

Duration	SAMPLE	MISC	Au	Au Error	Pb	Pb Error	W	W Error	Zn	Zn Error	Cu	Cu Error	Ni	Ni Error	Co	Co Error
300	14813	cm 0-2	< LOD	5.52	73.75	5.33	< LOD	39.98	56.13	6.82	75.63	11.51	< LOD	26.31	< LOD	67.38
300	14813	cm 4	< LOD	5.7	84.92	5.65	< LOD	39.47	63.81	6.99	96.6	11.97	< LOD	25.07	< LOD	69.19
300	14813	cm 6	< LOD	6.09	78.31	5.43	< LOD	39.53	60.17	6.81	65.35	11.03	< LOD	24.43	< LOD	68.64
300	14813	cm 8	< LOD	5.48	100.45	5.94	< LOD	38.9	64.27	6.96	86.52	11.58	< LOD	24.45	< LOD	67.61
300	14813	cm 10	< LOD	5.81	133.87	6.64	< LOD	40.26	54.64	6.77	63	11.03	< LOD	24.22	< LOD	73.34
300	14813	cm 12	< LOD	5.86	91.53	5.76	< LOD	39.51	59.66	6.84	84.43	11.57	< LOD	24.96	< LOD	68.08
300	14813	cm 14	< LOD	5.84	93.95	5.81	< LOD	39.26	63.87	6.89	63.82	11.04	< LOD	24.82	< LOD	74.29
300	14813	cm 16	< LOD	5.74	70.24	5.29	< LOD	39.77	58.37	6.86	70.81	11.36	< LOD	24.89	< LOD	68.3
300	14813	cm 18	< LOD	5.63	81.36	5.57	< LOD	40.19	57.28	6.89	68.49	11.3	< LOD	25.1	< LOD	68.48
300	14813	cm 20	< LOD	5.84	133.75	6.67	< LOD	39.82	64.54	6.99	103.37	11.99	< LOD	24.95	< LOD	73.75
300	14813	cm 22	< LOD	6.75	71.7	5.35	< LOD	40.17	51.96	6.67	80.91	11.67	< LOD	25.04	< LOD	70.58
300	14813	cm 24	< LOD	6.15	51.91	5.01	< LOD	41.56	60.91	7.12	59.31	11.46	< LOD	25.85	< LOD	71.91
300	14813	cm 26	< LOD	6.19	63.56	5.36	< LOD	42.35	75.3	7.56	83.19	12.13	< LOD	26.44	< LOD	81.66
300	14813	cm 28	< LOD	5.96	55.66	5.04	< LOD	40.12	60.58	6.94	89.21	11.88	< LOD	25.5	< LOD	76.46
300	14813	cm 42	< LOD	6.18	27.48	4.38	< LOD	42.75	65.59	7.33	53.07	11.57	< LOD	32.35	< LOD	80.1
300	14813	cm 48	< LOD	5.78	20.64	4.1	< LOD	40.87	74.42	7.37	30.11	10.52	< LOD	34.34	< LOD	83.02
300	14813	cm 52	< LOD	5.88	15.15	3.93	< LOD	41.08	64.17	7.16	32.07	10.8	< LOD	27.01	< LOD	78.26
300	14813	cm 56	< LOD	6.84	11.68	3.82	< LOD	42.07	69.6	7.34	30.93	10.72	< LOD	33.44	< LOD	81.32
300	14813	cm 60	< LOD	5.89	12.66	3.89	< LOD	41.07	66.42	7.21	22.13	10.43	34.03	18.06	< LOD	88.05
300	14813	cm 64	< LOD	5.85	12.28	3.86	< LOD	41.23	65.18	7.21	28.85	10.68	33.85	18.22	< LOD	90
300	14813	cm 70	< LOD	6.01	11.02	3.82	< LOD	41.29	63.43	7.12	36.25	10.89	< LOD	43.47	< LOD	89.91
300	14823	cm 12	< LOD	5.65	88.57	5.64	< LOD	39.34	57.23	6.79	99.63	11.77	< LOD	24.61	< LOD	64.82
300	14823	cm 16	< LOD	5.6	112.18	6.12	< LOD	37.95	57.34	6.65	110.32	11.87	< LOD	24.16	< LOD	67.79
300	14823	cm 20	< LOD	5.64	105.53	6.03	< LOD	40.12	47.91	6.61	80.3	11.53	< LOD	25.03	< LOD	65.34
300	14823	cm 24	< LOD	6.33	91.37	6.06	< LOD	41.76	59.11	7.14	87.94	12.3	41.39	18.48	< LOD	71.05
300	14823	cm 28	< LOD	5.89	172.42	7.39	< LOD	40.63	57.71	7.01	215.02	14.44	< LOD	25.78	< LOD	63.8
300	14823	cm 30	< LOD	5.77	187.78	7.64	< LOD	40.71	110.94	8.25	269.15	15.12	< LOD	38.96	< LOD	71.02
300	14823	cm 32	< LOD	5.46	89.95	5.71	< LOD	40.2	118.31	8.37	285.62	15.29	< LOD	24.27	< LOD	68.2
300	14823	cm 34	< LOD	5.65	44.25	4.65	< LOD	38.33	73.7	7.18	192.82	13.77	< LOD	24.81	< LOD	74.74

Duration	SAMPLE	MISC	Au	Au Error	Pb	Pb Error	W	W Error	Zn	Zn Error	Cu	Cu Error	Ni	Ni Error	Co	Co Error
300	14823	cm 36	< LOD	5.58	54.55	4.89	< LOD	39.51	51.67	6.76	237.99	14.49	< LOD	24.78	< LOD	76.84
300	14823	cm 48	< LOD	6.57	18.92	3.93	< LOD	41.85	44.62	6.66	50.66	11.37	< LOD	26.34	< LOD	68.13
300	14823	cm 50	< LOD	6.21	17.6	4.07	< LOD	42.5	68.63	7.39	45.4	11.61	< LOD	26.99	< LOD	73.32
300	14823	cm 52	< LOD	5.72	7.37	3.55	< LOD	40.48	58.79	6.96	31.61	10.58	< LOD	36.98	< LOD	73.59
300	14823	cm 54	< LOD	6.12	10.66	3.77	< LOD	43.79	56.9	7.21	32.89	11.59	< LOD	41.6	< LOD	71.2
300	14823	cm 58	< LOD	5.82	16.92	4.02	< LOD	41.2	92.46	7.87	55.13	11.15	< LOD	34.3	< LOD	94.59
300	14823	cm 62	< LOD	5.8	22.28	4.17	< LOD	40.74	78.15	7.46	53.82	11.05	< LOD	35.72	< LOD	89.36
300	14823	cm 66	< LOD	6.17	13.72	4.01	< LOD	42.08	75.47	7.53	40.12	10.98	< LOD	27.12	< LOD	100.84
300	14823	cm 70	< LOD	6.03	12.4	4.13	< LOD	42.08	83.88	7.78	50.84	11.4	40.46	18.48	< LOD	116.44
300	14823	cm 74	< LOD	5.76	13.52	3.95	< LOD	41.65	68.77	7.35	25.76	10.56	29.69	18.01	< LOD	97.42
300	14819	cm 14	< LOD	5.65	97.37	5.78	< LOD	37.76	60.42	6.66	82.19	11.16	< LOD	23.52	< LOD	65.72
300	14819	cm 18	< LOD	5.57	70.13	5.3	< LOD	39.21	52.05	6.69	67.97	11.21	< LOD	24.88	< LOD	68.16
300	14819	cm 22	< LOD	5.73	153.08	6.86	< LOD	39.59	73.85	7.11	116	12.16	< LOD	23.76	< LOD	72.35
300	14819	cm 26	< LOD	5.88	119.66	6.39	< LOD	39.71	61	6.91	99.51	11.84	< LOD	24.69	< LOD	70.01
300	14819	cm 28	< LOD	5.73	74.32	5.43	< LOD	39.63	65.13	7.03	93.76	11.88	< LOD	31	< LOD	71.99
300	14819	cm 30	< LOD	5.7	66.3	5.31	< LOD	40.1	79.2	7.42	50.3	11.08	< LOD	25.19	< LOD	79.09
300	14819	cm 32	< LOD	5.8	34.63	4.51	< LOD	40.16	69.14	7.22	48.13	11.01	< LOD	40.21	< LOD	78.37
300	14819	cm 36	< LOD	5.81	21	4.06	< LOD	41.44	72.77	7.36	40.12	10.72	< LOD	25.34	< LOD	83.84
300	14819	cm 50	< LOD	5.54	22.34	4.15	< LOD	40.39	67.5	7.21	49.23	10.92	< LOD	30.86	< LOD	84.25
300	14819	cm 54	< LOD	5.71	34.55	4.55	< LOD	39.71	67.14	7.09	30.07	10.71	< LOD	25.5	< LOD	88.36
300	14819	cm 62	< LOD	5.99	17.9	4.24	< LOD	44.52	69.4	7.58	51.84	11.52	< LOD	36.17	< LOD	109.29
300	14819	cm 70	< LOD	5.86	19.45	4.16	< LOD	41.67	60.52	7.17	43.25	11.07	< LOD	27.07	< LOD	97.66
300	14825	cm 16	< LOD	5.58	153.56	6.96	< LOD	38.13	60.97	6.82	137.53	12.48	< LOD	24.04	< LOD	66.62
300	14825	cm 20	< LOD	5.64	154.29	6.93	< LOD	39.02	65.05	6.96	162.81	13.05	< LOD	24.48	< LOD	65.56
300	14825	cm 24	< LOD	5.74	187.87	7.62	< LOD	38.9	63.78	6.97	179.53	13.4	< LOD	24.49	< LOD	70.01
300	14825	cm 28	< LOD	13.12	5254.52	46.42	< LOD	66.89	155.54	11.44	4460.18	54.15	< LOD	24.94	< LOD	83.18
300	14825	cm 30	< LOD	16.65	7595.29	65.18	79.58	45.58	124.69	12.33	5604.49	66.18	< LOD	27.41	< LOD	117.8
300	14825	cm 32	< LOD	9.56	2557.64	28.69	< LOD	47.19	107.05	9.38	2738.02	40.37	< LOD	23.94	< LOD	90.14
300	14825	cm 34	< LOD	7.06	581.96	12.98	< LOD	42.93	87.61	8.09	871.72	23.66	< LOD	36.63	< LOD	72.98

Duration	SAMPLE	MISC	Au	Au Error	Pb	Pb Error	W	W Error	Zn	Zn Error	Cu	Cu Error	Ni	Ni Error	Co	Co Error
300	14825	cm 36	< LOD	6.19	322.75	9.56	< LOD	39.89	90.61	7.77	678.73	20.61	< LOD	23.6	< LOD	76.05
300	14825	cm 38	< LOD	6.53	453.02	11.65	< LOD	42.11	75.62	7.64	381.78	17.34	< LOD	25.22	< LOD	82.6
300	14825	cm 40	< LOD	7.15	754.31	14.7	< LOD	42.83	91.51	8.03	703.15	21.41	< LOD	24.87	< LOD	85.93
300	14825	cm 50	< LOD	6.56	121.17	6.75	< LOD	41.99	67.88	7.34	131.32	13.04	< LOD	26.94	< LOD	97.47
300	14825	cm 54	< LOD	7.12	32.26	4.43	< LOD	41.38	74.79	7.37	52.02	10.95	< LOD	25.42	< LOD	86.09
300	14825	cm 58	< LOD	6	16.41	4.09	< LOD	41.79	79.62	7.66	45.48	11.11	< LOD	27.13	< LOD	92.34
300	14825	cm 62	< LOD	5.63	12.37	3.77	< LOD	39.56	68.08	7.09	36.94	10.58	38.03	17.7	< LOD	83.04
300	14825	cm 66	< LOD	6.49	74.72	5.9	< LOD	43.48	64.59	7.42	70.91	12.07	51.46	19.09	< LOD	110.88
300	14825	cm 70	< LOD	5.79	11.96	3.79	< LOD	40.37	60.3	6.96	37.07	10.71	< LOD	27.84	< LOD	87.23
300	14821	cm 16	< LOD	5.45	103.68	5.92	< LOD	37.43	51.73	6.48	99.8	11.58	< LOD	23.73	< LOD	62.87
300	14821	cm 20	< LOD	5.83	153.09	7.02	< LOD	39.34	54.6	6.73	111.2	12.16	< LOD	24.41	< LOD	69.1
300	14821	cm 24	< LOD	5.93	137.39	6.76	< LOD	39.2	59.32	6.85	119.45	12.28	< LOD	24.24	< LOD	72.92
300	14821	cm 30	< LOD	5.93	18.08	3.93	< LOD	41.36	36.56	6.47	61.62	11.67	< LOD	25.9	< LOD	67.17
300	14821	cm 32	< LOD	5.68	17.76	3.9	< LOD	40.03	63.17	7.01	76.33	11.51	< LOD	24.72	< LOD	77.07
300	14821	cm 34	< LOD	5.67	16.8	3.91	< LOD	41.02	67.98	7.28	66.21	11.52	< LOD	26.89	< LOD	77.31
300	14821	cm 36	< LOD	6.06	14.53	3.88	< LOD	43.78	67.41	7.44	65.33	11.95	< LOD	35.14	< LOD	78.67
300	14821	cm 46	< LOD	5.6	8.33	3.57	< LOD	39.36	76.34	7.26	50.28	10.69	< LOD	25.02	< LOD	78.05
300	14821	cm 50	< LOD	5.67	40.75	4.72	< LOD	40.68	64.41	7.11	78.56	11.56	< LOD	25.5	< LOD	96.72
300	14821	cm 54	< LOD	5.58	9.56	3.67	< LOD	39.49	74.17	7.26	39.46	10.55	< LOD	29.58	< LOD	78.51
300	14821	cm 60	< LOD	5.56	9.17	3.72	< LOD	39.83	66.68	7.13	21.16	10.28	< LOD	25.57	< LOD	80.69
300	14827	cm 16	< LOD	5.47	83.09	5.56	< LOD	39.17	58.82	6.85	68.16	11.17	< LOD	24.6	< LOD	64.55
300	14827	cm 20	< LOD	5.42	77.63	5.43	< LOD	38.25	60.46	6.81	82.36	11.45	< LOD	24.21	< LOD	67.46
300	14827	cm 24	< LOD	5.63	85.56	5.61	< LOD	39.42	65.26	7	88.19	11.67	< LOD	24.56	< LOD	68.52
300	14827	cm 28	< LOD	5.75	34.56	4.4	< LOD	40	47.22	6.62	71.42	11.59	< LOD	29.22	< LOD	67.79
300	14827	cm 30	< LOD	5.72	20.63	3.89	< LOD	40.4	30.66	6.13	32.91	10.88	< LOD	25.81	< LOD	62.2
300	14827	cm 34	< LOD	5.87	27.12	4.24	< LOD	42.02	73.28	7.45	46.51	11.27	< LOD	27.43	< LOD	84.99
300	14807	cm 20	< LOD	5.51	51.99	4.88	< LOD	39.68	50.92	6.72	51.32	11.02	< LOD	25.27	< LOD	70.52
300	14807	cm 24	< LOD	5.51	48.63	4.72	< LOD	38.49	53.11	6.62	51.91	10.74	< LOD	24.7	< LOD	68.37

Duration	SAMPLE	MISC	Au	Au Error	Pb	Pb Error	W	W Error	Zn	Zn Error	Cu	Cu Error	Ni	Ni Error	Co	Co Error
300	14807	cm 28	< LOD	6.18	67.22	5.54	< LOD	42.02	55.11	7.08	51.04	11.59	< LOD	43.26	< LOD	72.21
300	14807	cm 32	< LOD	5.83	50.38	4.76	< LOD	40.18	47.91	6.6	85.44	11.63	< LOD	24.72	< LOD	66.66
300	14807	cm 34	< LOD	5.63	42.89	4.55	< LOD	39.25	49.38	6.57	88.58	11.52	< LOD	24.37	< LOD	67.44
300	14807	cm 36	< LOD	5.47	76.75	5.43	< LOD	38.54	57.17	6.76	111.88	12.05	< LOD	24.43	< LOD	73.09
300	14807	cm 42	< LOD	5.92	76.73	5.53	< LOD	41.18	66.83	7.17	95.48	12.12	< LOD	24.9	< LOD	74.64
300	14807	cm 48	< LOD	5.76	20.67	4.03	< LOD	40.19	66.06	7.11	38.14	10.77	< LOD	25.44	< LOD	75.67
300	14807	cm 50	< LOD	5.71	14.93	3.81	< LOD	39.48	48.59	6.61	53.45	10.98	< LOD	25.43	< LOD	72.12
300	14807	cm 52	< LOD	5.62	12.49	3.74	< LOD	39.88	72.93	7.26	42.61	10.8	< LOD	37.57	< LOD	74.22
300	14807	cm 56	< LOD	5.66	10.39	3.69	< LOD	40.24	76.98	7.35	33.3	10.36	< LOD	25.24	< LOD	83.8
300	14807	cm 60	< LOD	5.56	9.51	3.62	< LOD	39.46	64.44	6.97	28.69	10.22	< LOD	39.75	< LOD	76.26
300	14829	cm 18	< LOD	5.76	103.03	6.01	< LOD	38.58	61.24	6.81	88.26	11.53	< LOD	24.15	< LOD	70.83
300	14829	cm 22	< LOD	5.71	123.88	6.52	< LOD	39.52	69.16	7.17	144.51	12.84	< LOD	24.3	< LOD	72.48
300	14829	cm 24	< LOD	5.6	192.7	7.59	< LOD	38.87	76.94	7.25	241.11	14.25	< LOD	23.56	< LOD	73.72
300	14829	cm 26	< LOD	5.67	22.53	4.09	< LOD	41.28	41.48	6.66	35.96	11.03	< LOD	26.33	< LOD	68.48
300	14829	cm 28	< LOD	8.58	17.86	3.98	< LOD	41.61	65.08	7.21	63.65	11.54	< LOD	31.85	< LOD	74.98
300	14829	cm 32	< LOD	5.75	16.33	3.93	< LOD	43.6	71.49	7.4	49.8	11.04	< LOD	25.7	< LOD	79.56
300	14829	cm 36	< LOD	5.93	21.46	4.09	< LOD	41.12	79.66	7.5	51.99	11.18	< LOD	26.92	< LOD	81.08
300	14815	cm 20	< LOD	5.78	87.59	5.75	< LOD	40.27	58.08	6.93	70.6	11.34	< LOD	34.82	< LOD	69.71
300	14815	cm 24	< LOD	5.68	69.18	5.28	< LOD	39.39	57.17	6.81	63.25	11.21	< LOD	25.12	< LOD	68.44
300	14815	cm 28	< LOD	5.93	149.82	7.05	< LOD	39.85	57.62	6.86	134.43	12.76	< LOD	25.47	< LOD	82.5
300	14815	cm 32	< LOD	6	110.38	6.31	< LOD	41.05	57.72	6.96	117.65	12.78	< LOD	25.65	< LOD	76.18
300	14815	cm 34	< LOD	6.05	129.66	6.8	< LOD	40.65	65.01	7.18	113.8	12.44	< LOD	25.8	< LOD	81.34
300	14815	cm 36	< LOD	5.63	53.2	4.92	< LOD	39.7	57.83	6.86	53.88	10.93	< LOD	27.45	< LOD	72.17
300	14815	cm 38	< LOD	5.67	56.9	5.17	< LOD	40.18	67.87	7.23	75.66	11.59	< LOD	26.47	< LOD	82.4
300	14815	cm 42	< LOD	6.24	23.46	4.19	< LOD	42.45	84.96	7.67	42.32	11.02	< LOD	34.19	< LOD	85.51
300	14815	cm 48	< LOD	5.95	24.19	4.31	< LOD	40.64	75.52	7.42	37.36	10.8	< LOD	26.86	< LOD	91.03
300	14815	cm 52	< LOD	5.61	14.83	3.91	< LOD	40.9	74.65	7.43	24.57	10.41	< LOD	38.95	< LOD	83.37
300	14815	cm 56	< LOD	6.62	12.53	3.86	< LOD	41.8	82.94	7.61	32.03	10.72	< LOD	41.83	< LOD	86.3

Duration	SAMPLE	MISC	Au	Au Error	Pb	Pb Error	W	W Error	Zn	Zn Error	Cu	Cu Error	Ni	Ni Error	Co	Co Error
300	14815	cm 60	< LOD	6.06	13.02	3.9	< LOD	42.01	75.87	7.52	33.33	10.75	< LOD	41.61	< LOD	86.69
300	14809	cm 20	< LOD	5.45	71.76	5.18	< LOD	38.37	42.9	6.27	62.2	10.77	< LOD	23.6	< LOD	64.76
300	14809	cm 24	< LOD	6.27	87.64	6.01	< LOD	43.29	65.4	7.45	161.71	13.89	39.27	18.7	< LOD	105.27
300	14809	cm 28	< LOD	5.45	75.62	5.36	< LOD	37.93	53.8	6.58	97.16	11.66	< LOD	24.26	< LOD	71.21
300	14809	cm 32	< LOD	5.51	38.3	4.5	< LOD	47.27	41.4	6.5	36.02	10.7	< LOD	30.7	< LOD	67.29
300	14809	cm 34	< LOD	5.61	53.36	4.93	< LOD	39.52	53.7	6.78	61.71	11.22	< LOD	25.05	< LOD	72.52
300	14809	cm 36	< LOD	5.72	39.82	4.49	< LOD	39.26	50.96	6.57	48.1	10.69	< LOD	24.45	< LOD	67.16
300	14809	cm 38	< LOD	5.63	40.94	4.67	< LOD	40.52	76.93	7.45	54.52	11.07	< LOD	25.59	< LOD	79.96
300	14809	cm 48	< LOD	5.64	11.28	3.71	< LOD	39.97	66.12	7.09	38.37	10.56	< LOD	35.03	< LOD	77.72
300	14809	cm 52	< LOD	5.7	13.21	3.85	< LOD	39.95	65.59	7.08	20.89	10.24	< LOD	25.56	< LOD	85.07
300	14809	cm 56	< LOD	5.77	10.91	3.72	< LOD	40.88	71.86	7.32	28.93	10.45	< LOD	34.51	< LOD	79.36
300	14817	cm 24	< LOD	5.53	67.34	5.12	< LOD	38.5	55.42	6.63	58.16	10.81	< LOD	24.38	< LOD	65.66
300	14817	cm 28	< LOD	5.75	68.1	5.19	< LOD	38.19	57.46	6.62	72.44	11.11	< LOD	24.19	< LOD	70.65
300	14817	cm 32	< LOD	5.88	18.19	4.03	< LOD	41.55	68.17	7.31	27.23	10.72	< LOD	35.24	< LOD	80.2
300	14817	cm 36	< LOD	5.81	14.42	3.86	< LOD	40.06	79.86	7.45	28.06	10.47	< LOD	30.07	< LOD	82.34
300	14811	cm 24	< LOD	6.4	56.92	5.34	< LOD	42.46	74.62	7.62	47.36	11.7	< LOD	26.77	< LOD	81.92
300	14811	cm 28	< LOD	5.63	49.14	4.76	< LOD	39.02	42.81	6.4	59.3	11.06	< LOD	25	< LOD	67.83
300	14811	cm 32	< LOD	5.49	50.17	4.8	< LOD	39.34	70.86	7.09	39.74	10.57	< LOD	24.89	< LOD	77.79
300	14811	cm 36	< LOD	5.9	24.31	4.13	< LOD	40.36	57.33	6.87	27.62	10.46	< LOD	25.63	< LOD	74.14

Duration	SAMPLE	MISC	Fe	Fe Error	Mn	Mn Error	Cr	Cr Error	V	V Error	Ti	Ti Error	Ca	Ca Error
300	14813	cm 0-2	18894.22	171.89	364.63	52.39	48.89	9.76	92.72	14.11	2351.64	29.33	8091.37	151.36
300	14813	cm 4	19574.82	176.38	371.87	52.98	66.1	9.41	85.41	13.88	2367.82	29.26	7634.6	146.96
300	14813	cm 6	20054.7	176.54	397.85	52.73	81.08	9.03	84.06	13.39	2258.16	28.09	8297.94	148.76
300	14813	cm 8	18886.16	171.6	323.66	51.49	51.54	8.86	76.14	12.75	2232.06	27.02	7680.1	140.03
300	14813	cm 10	21007.19	181.35	307.91	50.92	69.56	9.44	90.89	13.86	2225.02	28.55	9038.33	156.96
300	14813	cm 12	18810.36	172.11	334.45	51.9	49.52	9.27	84.87	13.1	2097.26	27.01	7530.07	141.99
300	14813	cm 14	24160.23	194.96	329.54	51.04	70.17	9.95	107.91	14.41	2271.32	29.44	7873.81	152.5
300	14813	cm 16	18952.71	173.35	287.21	51.19	49.97	9.23	95.48	13.17	2104.52	27.09	8340.56	148.27
300	14813	cm 18	19421.29	176	342.76	52.47	59.13	9.67	91.61	14.16	2497.94	30.04	8395.9	152.42
300	14813	cm 20	24023.61	194.56	372.73	52.22	65.91	10.02	100.86	14.55	2252.65	29.59	9172.97	160.89
300	14813	cm 22	20601.04	181.51	284.58	51.17	88.27	9.2	82.48	13.31	2217.5	27.84	7117.46	139.34
300	14813	cm 24	20074.49	183.49	365.06	54.5	67.67	10.25	100.07	15.43	2917.16	33.34	9251.46	163.83
300	14813	cm 26	26766.1	213.15	343.76	53.5	77.44	10.36	123.18	15.44	2595.18	32.06	7627	153.01
300	14813	cm 28	24006.88	207.74	368.3	53.19	75.29	10.12	107.71	15.34	2764.89	33.04	8349.01	156.2
300	14813	cm 42	26345.83	212.14	429.33	55.63	103.88	11.63	142.12	18.06	3286.69	38.27	9395.17	179.43
300	14813	cm 48	29554.14	221.81	478.1	55.45	123.47	11.9	172.38	18.52	3266.88	38.73	6982.03	167.21
300	14813	cm 52	24647.34	203.4	409.26	54.74	94.9	11.01	138.31	17.06	3075.42	36.15	7158.02	160.43
300	14813	cm 56	27013.39	214.03	411.87	54.55	104.7	11.47	152.34	17.79	3237.03	37.62	7547.86	167.2
300	14813	cm 60	33101.29	237.75	523.36	56.23	117.26	12.32	180.37	19.31	3260.46	39.8	7605.93	176.05
300	14813	cm 64	33798.89	241.92	466.15	55.64	116.96	12.66	161	19.47	3302.32	40.55	8021.78	183.9
300	14813	cm 70	35027.67	244.74	504.63	55.74	102.17	12.37	127.39	17.91	2757.75	36.66	8832.17	185.24
300	14823	cm 12	17230.01	163.86	350.56	51.88	56.95	9.1	86.5	13.07	2192.21	27.33	7641.44	142.12
300	14823	cm 16	19575.13	173.21	294.01	50.29	59.55	9.25	86.88	13.3	2172.59	27.67	7410.34	142.68
300	14823	cm 20	17992.82	167.7	328.55	51.75	62.06	9.13	80.11	13.14	2161.15	27.42	7289.62	141.52
300	14823	cm 24	18941.28	180.87	334.55	53.65	60.17	8.88	86.95	12.51	2106.48	26.18	7497.85	136.69
300	14823	cm 28	16230.87	161.64	243.93	50.98	42.57	8.62	59.5	11.39	1558.65	22.7	5113.81	114.87
300	14823	cm 30	21430.36	184.2	324.57	52.05	72.36	8.38	56.1	11.08	1423.5	21.85	5665.7	122.58

Duration	SAMPLE	MISC	Fe	Fe Error	Mn	Mn Error	Cr	Cr Error	V	V Error	Ti	Ti Error	Ca	Ca Error
300	14823	cm 32	19475.89	174.65	479.42	54.52	59.17	9.4	78.09	12.89	1786.57	25.81	15050.03	195.25
300	14823	cm 34	24289.88	196.02	381.91	52.29	52.7	10.08	84.2	14.42	2131.84	29.18	10809.03	173.59
300	14823	cm 36	25246.84	216.03	288.16	50.33	69.06	10.2	96.16	14.79	2169.89	30.22	9983.67	171.49
300	14823	cm 48	17954.85	172.1	323.87	53.15	51.47	9.67	85.95	14.34	2614.4	30.82	8941.79	157.46
300	14823	cm 50	21101.35	189.09	390.01	55.37	74.73	10.14	102.3	15.39	2815.53	32.95	8045.26	155.94
300	14823	cm 52	21909.24	189.64	420.74	54.76	85.14	10.49	129.97	16.3	3206.49	35.47	9831.55	172.73
300	14823	cm 54	18843.83	179.59	304.18	53.93	73.06	9.56	97.32	14.3	2504.53	30.39	7198.82	144.89
300	14823	cm 58	40217.1	264.38	348.78	52.2	121.74	13.3	208.84	19.96	2860.29	39.29	6317.78	172.04
300	14823	cm 62	35515.45	245.13	376.8	52.55	115.74	12.06	180.59	18.54	2964.17	37.65	7000.29	167.62
300	14823	cm 66	45258.62	285.96	512.44	55.67	118	13.94	188.67	20.67	2946.77	41.09	7093.79	186.39
300	14823	cm 70	66830.05	362.04	853.99	60.57	147.53	15.38	198.89	22.28	2647.01	42.33	6666.57	191.57
300	14823	cm 74	42840.83	275.07	469.77	54.7	112.32	13.46	174.04	19.95	2934.81	39.89	7118.41	180.71
300	14819	cm 14	18720.88	168.14	260.36	49.1	59.8	8.88	88.68	12.97	2125.56	26.84	7076.42	136.51
300	14819	cm 18	18730.15	172.73	282.55	51.1	56.16	9.4	93.17	13.95	2358.93	29.25	7982.33	149.68
300	14819	cm 22	22661.65	184.55	292.33	49.22	60.77	8.75	73.82	12.43	1920.27	25.4	7016.58	136.04
300	14819	cm 26	20138.62	178.36	307.08	51.18	70.67	9.59	88.05	14.17	2374.79	29.6	8256.31	152.35
300	14819	cm 28	21448.96	184.58	303.4	51.4	79.48	10.23	84.39	14.81	2505.77	31.11	7775.54	153.53
300	14819	cm 30	25956.4	205.08	375.61	52.88	66.49	9.54	98.46	14.47	2475.33	30.36	7407.51	148.15
300	14819	cm 32	25038.4	204.05	379.78	53.63	90.29	11.11	133.59	17.48	3361.04	37.7	8872.39	171.87
300	14819	cm 36	26895.79	209.65	332.95	52.06	106.18	11.04	135.3	17.02	2903.15	35.56	6738.24	158.52
300	14819	cm 50	30517.59	224.93	447.57	54.32	94.05	10.94	136.27	16.52	2707.79	34.01	7285.47	159.61
300	14819	cm 54	33206.08	235.63	397.61	53.31	104.01	11.27	145.63	17	2788.56	34.97	7044.24	162.07
300	14819	cm 62	48076.72	300.35	685.44	59.83	112.43	13.87	173.09	20.31	2739.96	39.86	7016.34	183.62
300	14819	cm 70	42096.91	274.33	487.12	55.46	109.57	13.45	128.99	19.57	2877.69	39.71	8512.57	194.4
300	14825	cm 16	18310.54	168.42	246.22	49.37	57.78	8.82	87.82	12.56	2021.17	25.93	7029.86	134.15
300	14825	cm 20	18098.38	206.55	296.91	50.76	62.85	9.31	89.47	13.18	2086.23	29.86	7367.27	144.37
300	14825	cm 24	21336.1	182.98	389.72	52.67	63.33	9.53	101.95	13.76	2190.14	28.31	7226.36	142.51
300	14825	cm 28	29029.46	222.92	357.62	52.05	72.12	11.42	110.58	15.75	1674.51	29.47	9997.29	179.76
300	14825	cm 30	59724.77	362.98	208.95	51.01	93.67	15.72	144.09	20.36	928.43	33.16	9095.83	198.66

Duration	SAMPLE	MISC	Fe	Fe Error	Mn	Mn Error	Cr	Cr Error	V	V Error	Ti	Ti Error	Ca	Ca Error
300	14825	cm 32	38309.8	250.42	173.53	46.37	99.86	13.07	136.52	17.37	1333.01	30.19	8100.59	170.96
300	14825	cm 34	22507.7	190.01	337.98	52.33	87.34	10.45	106.61	15	2105.83	29.52	8650.18	156.16
300	14825	cm 36	26748.73	201.55	456.31	52.43	77.45	10.54	119.32	14.92	1924.14	28.59	8562.74	156.15
300	14825	cm 38	29293.61	220.87	355.38	52.63	71.32	10.34	112.66	14.94	2127.56	29.73	9187.99	165.37
300	14825	cm 40	33661.06	233.21	607.74	56.12	102.04	12.63	144.1	17.8	1869.42	32.63	10931.82	190.63
300	14825	cm 50	41588.69	271.5	1010.92	64.81	117.69	13.37	176.09	19.54	2865.54	38.97	7286.72	178.55
300	14825	cm 54	31816.5	230.26	641.55	58.01	103.49	12.46	207.97	19.25	3097.1	38.85	7222.58	171.09
300	14825	cm 58	36313.3	253.1	755.89	61.18	110.44	12.5	176.68	19.13	3044	38.98	7438.58	176.43
300	14825	cm 62	30531.75	223.59	429.24	53.69	100.34	11.91	163.95	18.27	3123.64	37.89	7610.55	171.79
300	14825	cm 66	54645.67	324.67	1099.1	66.58	143.17	14.99	211.32	21.94	2901.4	42.58	7260.72	193.59
300	14825	cm 70	33137.58	235.75	583.6	56.91	105.3	12.27	152.67	18.42	3006.98	37.96	7778.97	176.75
300	14821	cm 16	16652.14	159.32	279.26	49.89	49.98	8.88	79.8	12.88	2175.74	27.01	7396.02	138.66
300	14821	cm 20	19588.96	175.4	252.34	50.07	51.95	9.17	77.96	12.9	1971.91	26.39	7167.44	139.57
300	14821	cm 24	22106.08	187.48	415.23	53.42	53.81	9.47	81.19	13.52	2160.23	27.96	7209.63	141.62
300	14821	cm 30	17105.55	169.06	311.99	53.57	54.55	8.78	71.74	13.03	2500.59	28.53	8314.72	144.52
300	14821	cm 32	24586.22	198.51	360.69	52.35	81.66	10.76	131.23	16.67	3074.92	35.44	8088.81	163.41
300	14821	cm 34	24142.24	199.82	402.16	54.32	86.62	10.53	132	16.65	3092.98	35.56	7928.9	161.75
300	14821	cm 36	24314.03	240.72	377.94	54.39	81.2	10.72	126.2	16.21	2800.21	36.61	6812.21	152.89
300	14821	cm 46	25543.92	202.22	363.13	52.43	106.67	11.05	134.71	16.93	2915.27	35.33	6431.44	154.34
300	14821	cm 50	42663.05	268.52	375.49	51.47	113.86	12.56	184.02	18.94	2714.55	37.25	7308.93	173.77
300	14821	cm 54	25468.29	203.57	338.06	52.15	91.98	10.63	136.59	16.46	2905.46	34.53	6173.23	148.59
300	14821	cm 60	26820.64	210.86	457.21	55.09	84.01	11.62	142.94	17.91	3130.51	37.42	7146.73	165.19
300	14827	cm 16	17105.29	163.99	288.33	50.96	68.31	9.17	104.75	13.88	2555.73	29.55	7848.52	143.27
300	14827	cm 20	19225.58	173.41	350.51	52.06	73.4	9.35	91.53	13.65	2376.08	28.76	8601.25	151.21
300	14827	cm 24	19662.03	175.61	275.51	50.65	52.77	8.57	86.08	12.64	2206.27	26.8	6627.18	130.25
300	14827	cm 28	18292.55	172.24	337.31	52.96	68.33	10.14	101.22	15.24	2902.07	32.97	9637.13	167.19
300	14827	cm 30	15077.84	154.53	326.94	52.19	58.16	8.85	73.58	12.76	2367.48	27.52	8786.52	147.47
300	14827	cm 34	29893.38	224.34	379.13	53.62	103.23	11.63	131.35	17.43	2940.39	36.4	8469.33	174.46

Duration	SAMPLE	MISC	Fe	Fe Error	Mn	Mn Error	Cr	Cr Error	V	V Error	Ti	Ti Error	Ca	Ca Error
300	14807	cm 20	20502.87	182.38	311.18	52.13	68.55	9.29	92.31	13.21	2154.27	27.49	7134.21	139.69
300	14807	cm 24	19469.12	174.79	283.92	50.64	49.19	9.26	83.67	13.1	2140.47	27.13	7394.76	139.67
300	14807	cm 28	19741.1	184	394.68	55.76	88.13	9.48	88.97	14.44	2609.46	30.97	7231.27	145.48
300	14807	cm 32	17905.15	168.13	327.88	52.07	53.06	9.11	75	13.11	2166.51	27.31	8386.05	147.82
300	14807	cm 34	18786.69	171.19	295.68	50.75	71.98	9.56	91.03	13.7	2356.75	28.7	8718.42	151.64
300	14807	cm 36	23279.01	191.12	299.36	50.27	66.1	10.17	86.07	14.79	2448.35	30.82	9459.27	165.55
300	14807	cm 42	23963.25	196.16	442.57	53.99	67.08	9.87	102.25	15.29	2869.41	32.92	10339.65	172.99
300	14807	cm 48	23851.11	197.26	348.06	52.56	85.89	10.6	133.96	15.85	2625.96	32.72	7559.91	156.2
300	14807	cm 50	20906.58	184.65	364.22	53.29	63.99	10.09	100.34	14.81	2657.81	31.5	9024.22	161
300	14807	cm 52	23009.36	192.97	413.1	54.13	94.67	10.98	129.85	16.72	2921.8	35	7610.57	159.43
300	14807	cm 56	30306.9	222.66	364.75	52.23	110.15	11.4	148.95	17.46	2902.83	35.97	7175.73	163.15
300	14807	cm 60	24309.01	197.2	365.52	52.47	104.03	10.96	147.79	17.29	3126.62	36.46	7071.7	160
300	14829	cm 18	22162.28	186.58	310.79	50.9	66.44	10.08	120.57	14.66	2265.93	29.8	7863.38	153.35
300	14829	cm 22	21676.22	185.65	349.78	52.25	73.87	9.77	100.79	14.54	2593.8	30.91	8364.66	154.31
300	14829	cm 24	24025.13	190.76	185.82	47.04	90.34	9.73	122.5	14.09	2027.24	27.84	5223.63	126.64
300	14829	cm 26	17303.88	171.24	421.59	55.87	61.65	9.73	99.63	15.19	3187.06	33.98	10180.25	167.14
300	14829	cm 28	22428.2	194.46	394.71	55.01	79.58	10.66	121.99	16.9	3250.69	36.66	8999.7	170.07
300	14829	cm 32	25952.25	207.8	422.28	54.68	86.1	11.07	128.06	17.19	3259.92	36.93	8226.51	166.5
300	14829	cm 36	27200.23	211.8	427.63	54.39	93.72	10.9	150.3	17.01	3115.17	36.01	7965.66	164.03
300	14815	cm 20	19924.12	182.54	331.32	52.55	71.88	9.79	92.11	14.33	2435.85	30.24	8497.94	154.74
300	14815	cm 24	18990.54	173.96	356.8	52.66	53.03	8.91	82.27	12.95	2143.09	26.99	7610.34	140.75
300	14815	cm 28	30731.99	222.94	322.71	51.18	90.94	11.55	118.78	16.18	2161.61	31.69	8768	171.92
300	14815	cm 32	24917.1	200.98	286.39	51.26	66.52	10.23	99.88	14.73	2103.26	29.25	8049.87	154.57
300	14815	cm 34	27525.88	219.3	531.57	56.83	90.68	12.05	150.01	17.96	2574.7	35.39	9428.16	178.69
300	14815	cm 36	21805.67	187.2	357.83	52.83	91.83	10.78	126.96	16.36	2871.44	34.38	8706.43	168.62
300	14815	cm 38	29038.3	220.02	385.89	53.23	106.15	11.6	157.51	17.37	2674.76	34.99	7476.98	165.35
300	14815	cm 42	31131	227.16	456.7	54.67	100.47	11.36	141.66	17.85	3286.98	37.92	8451.18	173.92
300	14815	cm 48	35421.5	246.87	448.98	54.86	106.02	12.17	158.33	18.31	2817.97	37.01	6824.17	167.17

Duration	SAMPLE	MISC	Fe	Fe Error	Mn	Mn Error	Cr	Cr Error	V	V Error	Ti	Ti Error	Ca	Ca Error
300	14815	cm 52	29370.98	221.88	460	55.17	107.51	11.6	156.26	17.88	3195.99	37.63	7262.38	166.61
300	14815	cm 56	31841.35	245.22	478.29	55.48	114.75	11.95	152.87	18.45	3147.33	38.77	7565.43	172.64
300	14815	cm 60	31857	234.5	421.77	54.79	119.31	12.02	183.04	18.68	3154.04	38.5	7637.52	174.02
300	14809	cm 20	18220.93	165.56	259.04	48.94	62.02	9.13	98.47	13.2	2266.33	27.54	7166.31	137.27
300	14809	cm 24	36048.18	251.36	432.78	55.88	216.8	12.52	171.3	18.22	2997.08	37.26	9207.36	178.31
300	14809	cm 28	22212.66	185.33	232.96	48.89	113.84	10.37	113.29	14.79	2476.11	30.58	8852.37	158.02
300	14809	cm 32	17775.46	169.69	352.6	53.32	60.59	9.84	83.88	14.46	2775.89	31.42	10264.72	166.02
300	14809	cm 34	21077.96	184.89	318.94	52.44	77.48	9.86	102.56	14.75	2467.54	30.85	8700.82	160.8
300	14809	cm 36	18735.65	171.47	322.53	51.6	71.37	9.89	91.97	14.92	2769.59	32.07	10138.66	167.75
300	14809	cm 38	26423.95	208.71	316.73	52.06	89.13	10.64	128.07	16.36	2881.03	34.43	7868.89	160.87
300	14809	cm 48	25207.04	202.51	377.46	53.01	103.7	10.86	146.74	17.22	3024.27	36	6455.01	154.07
300	14809	cm 52	30878.09	226.84	360.67	52.6	108.1	11.97	174.16	18.81	3227.81	39.02	6913.41	168.45
300	14809	cm 56	26176.14	208.41	449.85	54.97	93.06	11.37	153.52	17.58	3144.58	36.91	6911.9	158.86
300	14817	cm 24	17923.76	166.11	300.68	50.73	58.13	8.72	82.14	12.65	2077.84	26.23	6991.3	133.82
300	14817	cm 28	21119.48	180.8	298.03	50.22	72.31	9.84	98.15	14.43	2449.62	30.11	8299.88	153.89
300	14817	cm 32	25679.2	208.17	372.38	54.23	100.46	11.05	129.44	17.06	2959.79	35.87	6872.55	158.29
300	14817	cm 36	28179.8	217.35	382.61	53.59	106.5	11.77	162.59	18.43	3121.27	38.14	6591.43	163.64
300	14811	cm 24	25646.61	212.45	472.78	57.52	84.3	10.09	86.18	14.77	2421.96	30.82	6997.87	146.99
300	14811	cm 28	18151.29	170.13	337.35	52.54	59.29	9.29	81.2	13.58	2192.73	28.13	7177.26	142.27
300	14811	cm 32	26439.77	203.7	321.57	50.61	109.29	12.1	141.41	18.18	3110.98	37.94	7693.74	171.9
300	14811	cm 36	22102.83	189.67	382.14	53.66	76.93	10.44	117.12	16.13	2971.42	34.45	8735.63	165.47

Duration	SAMPLE	MISC	K	K Error	Ba	Ba Error	Al	Al Error	P	P Error	Si	Si Error	Cl	Cl Error
300	14813	cm 0-2	14304.55	143.75	396.68	27.03	18282.02	375.94	2036.81	77.33	172521.72	822.88	< LOD	28.12
300	14813	cm 4	13597.16	139.84	414.45	26.33	16231.07	336.36	2044.03	72.02	154389.2	761	< LOD	19.32
300	14813	cm 6	13192.86	134.51	393.79	24.89	15982.41	323.6	1997.24	69.18	156671.78	750.97	< LOD	17.71
300	14813	cm 8	12757.64	129.8	335.99	23.49	13460.66	306.9	1624.48	67.54	145095.34	728.61	< LOD	18.65
300	14813	cm 10	14240.94	141.8	375.39	24.74	18389.75	366.11	1992.1	75.79	173198.36	814.86	< LOD	19.27
300	14813	cm 12	13052.62	133.97	403.03	25.3	17347.73	343.9	1968.68	72.06	162977.2	782.95	< LOD	18.58
300	14813	cm 14	14747.06	148.27	406.56	25.52	18213.29	366.58	1849.26	74.94	169098.36	801.78	< LOD	19.14
300	14813	cm 16	13087.85	134.24	417.45	26.06	16664.6	341.77	1855.71	70.74	159380.05	772.9	< LOD	18.39
300	14813	cm 18	13696.19	140.3	399.03	25.36	18587.63	370.53	2028.7	76	175586.39	826.94	< LOD	18.95
300	14813	cm 20	13535.74	140.97	410.2	25.56	20004.61	388.39	2702.4	80.81	177120.92	828.95	< LOD	19.82
300	14813	cm 22	13279.34	136.16	379.88	26.38	16716	352.59	2265.74	78.31	180059.39	839.73	< LOD	19.97
300	14813	cm 24	16108.59	155.73	483.47	26.84	22576.36	425.65	1547.28	81.94	200698.2	919.64	< LOD	20.32
300	14813	cm 26	14729.99	151.09	445.87	27.53	18959.54	370.44	1361.31	70.6	159699.66	784.25	< LOD	19.53
300	14813	cm 28	15296.04	156.03	499.69	26.4	21082.53	377.84	1284.41	69.71	173231.7	919.14	< LOD	18.25
300	14813	cm 42	19848.36	184.93	530.13	28.46	31468.48	515.81	966.97	82.85	211367.56	939.7	< LOD	21.23
300	14813	cm 48	20677.13	193.52	521.36	27.08	33039.82	545.59	597.79	83.69	213813.95	944.05	< LOD	21.53
300	14813	cm 52	20141.94	184.83	540.7	27.87	29157.32	499.32	661.39	79.87	196790.81	909.73	< LOD	21.34
300	14813	cm 56	21277.19	192.02	540.31	27.43	32409.23	538.77	706.7	84.28	213786.8	952.51	< LOD	21.86
300	14813	cm 60	21237.53	199.17	536.06	27.01	32016.33	530.83	664.89	80.84	203637.39	908.88	< LOD	20.58
300	14813	cm 64	21377.94	203.4	579.21	28.16	33521.39	550.81	707.27	84.27	215188.33	945.08	< LOD	21.24
300	14813	cm 70	17777.24	183.33	481	27.12	24669.83	467.25	1147.14	80.9	189203	874.86	< LOD	21.45
300	14823	cm 12	13052.28	133.33	366.59	24.36	16919.15	349.38	2127.95	76.58	177760.67	832.41	< LOD	18.86
300	14823	cm 16	12470.53	132.88	282.59	23.63	12765.72	289.8	1994.35	65.98	136855.23	689.63	< LOD	17.65
300	14823	cm 20	13795.84	138.71	461.96	26.79	14798.12	326.32	2277.81	73.85	154272.84	761.34	< LOD	19.34
300	14823	cm 24	12237.51	126.26	5800.42	58.16	15146.58	321.21	2322.9	71.04	154919.91	761.52	< LOD	17.92
300	14823	cm 28	11243.91	120.54	390.67	26.5	14082.09	321.59	3282.41	81.94	177898.64	847.93	< LOD	19.59
300	14823	cm 30	14030.55	135.12	427.6	25.73	15432.7	313.91	3070.16	73.45	162403.78	767.58	< LOD	17.22
300	14823	cm 32	15024.46	144.52	431.06	25.58	15283.1	350.81	5735.46	93.65	158828.45	771.94	221.54	15.18

Duration	SAMPLE	MISC	K	K Error	Ba	Ba Error	Al	Al Error	P	P Error	Si	Si Error	Cl	Cl Error
300	14823	cm 34	13056.64	139.61	443.92	25.58	15232.74	338.24	4573.72	84.81	153011.72	748.24	< LOD	18.71
300	14823	cm 36	14407.7	154.48	415.25	24.98	17551.37	366.42	4489.98	89.62	182618.97	1003.89	< LOD	18.99
300	14823	cm 48	14892.53	147.21	522.16	28.29	20685.38	403.29	1365.02	79.93	200204.84	916.19	< LOD	20.53
300	14823	cm 50	16944.21	161.04	526.55	27.81	16027.77	355.9	1109.66	71.4	154343.34	780.62	< LOD	21.38
300	14823	cm 52	18262.8	169.42	577.98	27.08	28516.94	488.46	880.17	84.55	228084.61	979.73	< LOD	20.03
300	14823	cm 54	15044.73	149.85	575.11	31.07	18109.39	392.18	1466.65	79.52	170196.58	854.16	< LOD	23.29
300	14823	cm 58	19165.51	197.69	487.93	26.93	28687.02	508.21	720.53	75.88	178070.84	848.14	< LOD	20.72
300	14823	cm 62	18609.97	185.41	465.61	26.68	27771.33	483.13	742.18	74.57	180667.8	839.71	< LOD	19.87
300	14823	cm 66	18678.73	201.6	452	27.55	29228.58	508.91	1007.02	78.74	184680.19	856	< LOD	20.7
300	14823	cm 70	16900.39	201.73	421.64	28.73	22972.83	464.1	872.69	71.24	149836.56	743.01	< LOD	20.95
300	14823	cm 74	19246.85	198.87	490.52	27.38	27755.45	482.79	827.73	75.04	180086.28	833.57	< LOD	20.02
300	14819	cm 14	12451.89	129.05	317.96	23.73	14854.61	306.86	1836.71	66.86	151828.81	731.89	< LOD	17.3
300	14819	cm 18	14262.88	142.78	386.58	25.04	17538.09	343.78	1519.95	70.14	169906.81	801.25	< LOD	17.91
300	14819	cm 22	12316.9	127.5	301.09	26.87	12622.29	300.5	1888.25	67.89	132918.64	680.87	< LOD	19.84
300	14819	cm 26	13714.04	139.95	356.53	24.06	16705.88	342.87	2054.83	72.46	158584.78	771.25	< LOD	18.52
300	14819	cm 28	14617.76	148.93	455.37	25.9	20798.08	394.32	1773.92	78	185719.31	856.37	< LOD	19.46
300	14819	cm 30	14538.07	146.36	451.3	26.98	17849.03	362.29	891.66	68.9	163931.97	788.23	< LOD	19.34
300	14819	cm 32	18483.66	174.71	536.84	26.35	28321.89	486.37	716.27	80.34	209802.42	931.94	< LOD	20.14
300	14819	cm 36	18115.79	176.08	483.14	26.24	25483.9	448.54	683.78	73.92	181307.13	847.72	< LOD	20.08
300	14819	cm 50	16760.21	166.82	488.88	26.4	19872.67	386.05	979.61	70.19	166564.16	793.71	< LOD	18.85
300	14819	cm 54	17809.05	175.26	451.84	29.37	20034.93	404.52	912.83	72.28	160968.28	785.42	< LOD	21.55
300	14819	cm 62	18009.97	196.25	492.05	28.95	23400.63	453.84	671.46	73.13	166357.33	808.74	< LOD	20.6
300	14819	cm 70	17802.41	191.78	484.43	26.9	24769.6	462.28	964.13	77.08	182885.34	849.35	< LOD	20.23
300	14825	cm 16	11980.3	126.3	309.34	22.93	10100.67	258.37	1552.82	60.47	120272.79	638.01	< LOD	17.17
300	14825	cm 20	11856.38	147.25	382.48	25.23	14580.23	331.04	2078.39	72.92	149615.97	1172.64	< LOD	19.98
300	14825	cm 24	11776.56	130.75	354.25	24.25	15145.2	324.54	1973.36	70.26	151831.34	747.26	< LOD	18.28
300	14825	cm 28	10557.88	134.5	367.45	26.41	11866.76	298.67	4101.75	74.94	104125.8	587.23	102.47	13.21
300	14825	cm 30	7048.51	130.32	411.36	28.83	9146.81	287.1	8459.11	93.72	58401.55	425.46	217.25	13.89

Duration	SAMPLE	MISC	K	K Error	Ba	Ba Error	Al	Al Error	P	P Error	Si	Si Error	Cl	Cl Error
300	14825	cm 32	9302.55	132.76	276.21	24.32	12031.88	308.73	5491.28	82.27	96080.41	557.43	92.95	13.49
300	14825	cm 34	12964.51	138.42	423.5	26.12	15111.75	324.76	1996.91	68.46	135013.58	696.51	< LOD	18.7
300	14825	cm 36	12635.21	137.09	263.28	23.24	13024.32	294.63	1635.78	62.15	123139.17	638.54	< LOD	17.68
300	14825	cm 38	13775.74	146.12	368.32	25.96	16204.79	339.19	1600.2	68.77	155701.06	753.59	< LOD	18.42
300	14825	cm 40	12981.3	150.7	313.27	26.58	15212.23	341.91	2149.4	70.02	124623.54	658.46	< LOD	21.81
300	14825	cm 50	18272.27	191.95	524.94	28.32	24542.46	458.64	871.97	75.04	174475.33	824.19	< LOD	20.77
300	14825	cm 54	19753.27	191.72	478.19	26.45	29310.45	500.67	790.91	79.17	194848.77	885.15	< LOD	20.49
300	14825	cm 58	19717.09	194.77	523.63	27.6	28908.77	494.02	785.54	78.07	194954.36	885.96	< LOD	20.22
300	14825	cm 62	20190.95	190.98	450.55	26	25723.44	465.82	855.27	76.15	181925.61	844.24	< LOD	20.37
300	14825	cm 66	18161.56	203.92	576.28	30.02	24326.28	482.86	1081.77	79.06	171806.3	827.81	< LOD	21.63
300	14825	cm 70	19514.32	191.33	469.92	27.44	25874.77	473.53	777.64	76.5	184810.92	854.07	< LOD	20.67
300	14821	cm 16	12232.14	127.89	350.48	23.71	13926.6	304.01	1910.38	67.68	143939.78	719.43	< LOD	17.82
300	14821	cm 20	12065.36	129.3	329.55	24.79	11969.58	284.04	1983.38	64.41	125184.11	658.24	< LOD	18.22
300	14821	cm 24	11414.86	127.05	371.48	25.28	14662.29	324.51	2610.26	73.47	147403.89	738.28	< LOD	18.5
300	14821	cm 30	13431.58	133.35	453.57	27.09	10092.56	282.76	1064.77	65.09	133678.55	715.66	< LOD	20.04
300	14821	cm 32	17291.49	166.97	464.79	26.41	20803.06	403.44	761.71	73.87	182462.23	845.63	< LOD	20.29
300	14821	cm 34	17875.64	169.3	531.37	26.93	27141.8	470.51	546.6	78.13	204328.77	919.31	< LOD	20.34
300	14821	cm 36	15386.9	177.16	548.8	30.06	20028.39	402.06	1014.03	74.32	168577.66	1212.41	< LOD	22.16
300	14821	cm 46	18483.53	176.22	454.31	25.74	27611.21	463.55	786.85	75.51	191415.88	870.04	< LOD	19.27
300	14821	cm 50	17101.64	179.67	364.29	26.07	24161.17	444.38	1000.95	74.95	179452.38	819.87	< LOD	19.93
300	14821	cm 54	18877.32	175.48	444.41	25.17	28783.19	474.01	547.37	75.16	194305.03	883.14	< LOD	19.67
300	14821	cm 60	20845.05	190.46	516.93	27.69	29201.63	493.36	433.68	78.06	197659.13	900.49	< LOD	20.83
300	14827	cm 16	13702.46	136.39	385.9	25.34	16921.05	345.22	2181.12	73.97	161475.7	787.15	< LOD	18.56
300	14827	cm 20	13560.65	136.85	403.09	25.82	17634.57	357.54	1878.91	74.66	170955.63	808.4	< LOD	18.91
300	14827	cm 24	11394.95	122.6	360.94	24.72	13523.31	300.3	1981.25	67.5	141430.55	708.78	< LOD	17.68
300	14827	cm 28	17634.39	162.76	475.09	27.49	26432.34	470.89	1396.69	88.9	236731.63	1005.96	< LOD	20.66
300	14827	cm 30	15176.27	141.28	430.81	29.04	21685.43	410.74	2025.1	85.65	215106.84	947.36	< LOD	20.8
300	14827	cm 34	16983.36	173.03	545.26	29.34	22239.2	428.61	1213.84	77.62	181897.05	854.61	< LOD	20.72

Duration	SAMPLE	MISC	K	K Error	Ba	Ba Error	Al	Al Error	P	P Error	Si	Si Error	Cl	Cl Error
300	14807	cm 20	12447.08	132.3	415.07	26.33	14142.55	313.68	1971.84	68.69	144195.73	725.24	< LOD	18.44
300	14807	cm 24	13088.75	133.57	364.91	24.45	14315.4	308.29	1864.26	67.34	144710.33	722.52	< LOD	18.27
300	14807	cm 28	16546.63	155.89	774.87	28.47	17865.89	364.88	4700.76	885.64	162649.94	816.23	< LOD	19.22
300	14807	cm 32	14555.08	140.47	423.71	26.02	18595.79	361.93	1973.59	76.58	186539.69	854.03	< LOD	18.73
300	14807	cm 34	14097.53	139.5	398.37	24.65	18477.08	367.67	2115.12	77.97	184401.17	847.68	< LOD	18.87
300	14807	cm 36	14372.65	146.95	423.24	25	20988.7	409.99	2214.04	82.23	191866.64	869.39	< LOD	19.62
300	14807	cm 42	17262.29	160.47	534.1	29.67	33609.89	548.97	2447.73	100.27	265533.34	1058.05	< LOD	20.76
300	14807	cm 48	15891.98	159.51	513.15	27.85	20790.58	410.23	1073.5	73.84	172037.09	826.43	< LOD	20.21
300	14807	cm 50	15923.43	153.97	440.71	25.49	24105.68	429	981.83	79.28	215089.03	941.94	< LOD	18.87
300	14807	cm 52	17207.29	167.34	506.61	26.76	28061.56	474.65	803.79	77.35	193079	886.95	< LOD	20.5
300	14807	cm 56	19034.21	181.3	472.71	25.83	28744.22	481.67	682.21	75.74	190901.56	865.45	< LOD	19.69
300	14807	cm 60	20495.26	185.45	503.19	26.31	30966.04	503.17	507.82	77.14	197992.17	892.46	< LOD	20.2
300	14829	cm 18	12486.06	138.05	365.12	24.59	16795.93	346.33	2120.14	73.65	161550.05	779.04	< LOD	18.73
300	14829	cm 22	13183.76	139.17	361.32	24.84	15804.63	340.78	1936.28	72.69	156696.03	769.79	< LOD	19.03
300	14829	cm 24	12487.45	134.53	316.56	23.67	16009.08	322.72	1061.31	61.8	135371.05	683.58	< LOD	17.67
300	14829	cm 26	16901.11	156.3	521.91	27.31	23180.85	434.42	1050.1	84.15	228297.14	997.07	< LOD	20.13
300	14829	cm 28	17361.67	167.66	546.38	26.78	26928.95	473.88	973.39	83.2	219943.36	968.46	< LOD	20.16
300	14829	cm 32	18214.62	173.1	528.64	26.87	26979.85	466.52	630.4	76.93	200175.45	902.23	< LOD	19.75
300	14829	cm 36	17416.3	169.12	546.22	28.03	25423.39	458.9	744.02	77.04	190603.67	876.77	< LOD	20.67
300	14815	cm 20	13825.12	143.38	416.7	24.49	17603.1	350.37	1864.85	71.89	163309.02	846.86	< LOD	18.16
300	14815	cm 24	12624.7	130.21	366.05	25.49	14319.13	307.84	2012.4	67.91	144813.14	725.04	< LOD	18.02
300	14815	cm 28	13946.6	153.84	390.43	25.18	15760.61	354.03	2068.64	73.47	140927.77	725.72	< LOD	20.13
300	14815	cm 32	14521.43	147.57	436.25	29.06	14517.16	334.92	1509	69.26	138851.39	717.59	< LOD	20.72
300	14815	cm 34	16581.97	169.66	400.25	27.01	25746.63	449.44	1048.41	77.27	190476.61	917.32	< LOD	19.79
300	14815	cm 36	17760.56	169.07	478.73	25.66	27154.56	457.59	1135.73	77.94	196392.97	887.7	< LOD	19.69
300	14815	cm 38	17526.12	174.49	451.87	25.72	26282.68	451.49	911.39	72.5	174130.48	823.39	< LOD	19.51

Duration	SAMPLE	MISC	K	K Error	Ba	Ba Error	Al	Al Error	P	P Error	Si	Si Error	Cl	Cl Error
300	14815	cm 42	19342.8	182.13	591.57	28.77	29998.26	513.26	943.55	86.73	225820.38	962.44	< LOD	21.31
300	14815	cm 48	18924.96	187.57	510.6	27.19	25924.49	469.49	632.86	71.91	170543.36	821.42	< LOD	19.94
300	14815	cm 52	20499.64	189.71	519.36	26.77	28906.08	491.63	625.64	76.38	189299.31	870.77	< LOD	20.27
300	14815	cm 56	20863.06	200.62	555.52	28.19	30103	515.08	566.69	78.99	194740.67	1030.34	< LOD	21.4
300	14815	cm 60	20968.71	196.12	547.74	27.96	30467.55	513.42	507.03	79.6	201038.59	912.98	< LOD	20.94
300	14809	cm 20	12511.19	129.55	392	25.06	15674.92	335.06	1963.52	72.78	158025.95	765.55	< LOD	19
300	14809	cm 24	14245.31	158.11	605.55	28.56	20402.08	419.22	2403.65	80.61	158099.67	786.11	315.08	16.76
300	14809	cm 28	12709.95	136.65	412.38	25.04	16730.91	353.19	2371.4	75.14	148214.84	742.04	< LOD	19.76
300	14809	cm 32	16875.94	155.03	488.19	26.23	24123.33	443.55	1129.83	84.81	230267.97	988.29	< LOD	19.82
300	14809	cm 34	15441.26	153.15	469.48	26.09	20293.34	385.09	1255.41	74.6	188703.83	865.1	< LOD	18.55
300	14809	cm 36	15725.68	151.75	456.79	25.39	23484.8	424.59	1423.89	82.21	219310.77	943.51	< LOD	18.65
300	14809	cm 38	16795.45	164.64	520.3	26.33	24329.29	439.6	721.68	75.68	191055.05	875.6	< LOD	19.66
300	14809	cm 48	19627	181.15	530.52	26.19	29731.15	483.96	491.04	75.22	195290.66	885.18	< LOD	19.31
300	14809	cm 52	20082.15	192.04	488.45	27.53	28191.68	492.7	478.04	78.28	195691.25	890.5	< LOD	21.08
300	14809	cm 56	19962.02	184.73	521.81	26.75	27440.16	465.48	379.29	73.67	188214.86	867.64	< LOD	19.64
300	14817	cm 24	12344.39	126.73	351.49	24.42	14796.49	314.51	1588.91	67.13	147619.94	732.46	< LOD	18.03
300	14817	cm 28	14615.05	145.37	325.87	24.12	20591.54	390.42	1725.85	76.62	184776.75	844.07	< LOD	18.67
300	14817	cm 32	18278.69	176.7	493.67	27.78	25361.42	447.05	719.82	73.54	177406.69	846.18	< LOD	20.59
300	14817	cm 36	20389.29	191.54	525.8	26.7	28728.69	480.83	383.1	74.37	186598.81	866.99	< LOD	20.46
300	14811	cm 24	14617.56	149.25	504.2	28.39	15255.56	346.39	7125.44	875.74	151977.09	783.86	< LOD	19.92
300	14811	cm 28	14220	141.28	420.26	26.13	17433.66	349.32	1671.74	71.85	162859.83	791.14	< LOD	19.01
300	14811	cm 32	17450.09	177.64	477.21	27.69	25693.65	462.28	697.93	77.7	188692.5	865.9	< LOD	21.27
300	14811	cm 36	17187.6	164.06	494.4	26.59	26093.61	460.72	625.3	81.07	219034.73	956.74	< LOD	19.76

Duration	SAMPLE	MISC	S	S Error	Mg	Mg Error
300	14813	cm 0-2	906.26	35.38	< LOD	2331.7
300	14813	cm 4	819.64	33.28	< LOD	1286.27
300	14813	cm 6	807.5	31.19	1723.42	862.18
300	14813	cm 8	729.06	31.72	< LOD	1292.36
300	14813	cm 10	815.07	33.3	< LOD	1401.07
300	14813	cm 12	830.09	32.55	< LOD	1324.39
300	14813	cm 14	807.44	33.29	< LOD	1314.25
300	14813	cm 16	714.65	31.7	< LOD	2086.74
300	14813	cm 18	796.24	32.95	< LOD	2051.42
300	14813	cm 20	906.93	34.59	1870.19	981.62
300	14813	cm 22	719.02	33.55	< LOD	1574.23
300	14813	cm 24	649.05	34.02	1601.13	1029.7
300	14813	cm 26	340.78	30.33	< LOD	1349.85
300	14813	cm 28	319.12	28.21	2221.62	936.31
300	14813	cm 42	317.4	32.58	2479.4	1140.84
300	14813	cm 48	427.71	33.48	3971.07	1217.07
300	14813	cm 52	414.7	33.45	2783.95	1137.67
300	14813	cm 56	518.22	34.69	3480.76	1207.8
300	14813	cm 60	454	32.86	3911.98	1190.9
300	14813	cm 64	636.77	35.08	2803.85	1199.52
300	14813	cm 70	503.86	34.09	2561.35	1153.26
300	14823	cm 12	812.65	32.87	< LOD	1359.22
300	14823	cm 16	697.83	30.22	< LOD	1177.42
300	14823	cm 20	816.34	33.73	< LOD	1303
300	14823	cm 24	783.49	31.51	< LOD	1243.66
300	14823	cm 28	401.09	31	< LOD	1266.93
300	14823	cm 30	220.42	25.94	< LOD	1240.66
300	14823	cm 32	472.49	31.79	< LOD	1456.37
300	14823	cm 34	219.17	28.49	< LOD	1378.65

Duration	SAMPLE	MISC	S	S Error	Mg	Mg Error
300	14823	cm 36	376.66	29.69	< LOD	1373.09
300	14823	cm 48	266.81	31.27	2477.32	1034.45
300	14823	cm 50	242.7	32.13	< LOD	1413.07
300	14823	cm 52	271.9	30.65	2501.53	1103.18
300	14823	cm 54	170.62	34.7	< LOD	1817.02
300	14823	cm 58	433.81	32.34	< LOD	2469.37
300	14823	cm 62	352.51	30.76	< LOD	2246.53
300	14823	cm 66	403.19	32.17	2783.89	1171.98
300	14823	cm 70	470.93	32.68	< LOD	2452.98
300	14823	cm 74	423.29	31.51	3160.64	1137.45
300	14819	cm 14	809.06	30.66	< LOD	1185.69
300	14819	cm 18	674.27	30.58	1400.58	876.41
300	14819	cm 22	703.04	33.24	< LOD	1257.06
300	14819	cm 26	881.37	32.85	< LOD	1505.12
300	14819	cm 28	777.4	33.73	< LOD	1532.29
300	14819	cm 30	251.89	29.46	1484.79	956.24
300	14819	cm 32	307.74	30.79	4139.83	1136.14
300	14819	cm 36	361.11	31.11	2775.1	1066.08
300	14819	cm 50	493.25	30.58	< LOD	1443.82
300	14819	cm 54	361.54	32.71	< LOD	1606.83
300	14819	cm 62	469.88	32.76	2259.42	1133.11
300	14819	cm 70	567.09	33.07	2386.2	1122.07
300	14825	cm 16	701.37	29.7	< LOD	1114.13
300	14825	cm 20	986.65	35.17	< LOD	1321.73
300	14825	cm 24	946	33.02	< LOD	1468.97
300	14825	cm 28	3795.14	51.15	2169.09	923.63
300	14825	cm 30	4759.89	57.71	< LOD	1391.37
300	14825	cm 32	3008.02	47.39	< LOD	2042.74
300	14825	cm 34	727.94	32.17	< LOD	1254.41

Duration	SAMPLE	MISC	S	S Error	Mg	Mg Error
300	14825	cm 36	609.72	29.54	< LOD	1196.64
300	14825	cm 38	447.29	29.41	< LOD	1371.78
300	14825	cm 40	1003.38	35.42	< LOD	1391.78
300	14825	cm 50	579.33	33.57	2920.51	1142.61
300	14825	cm 54	467.32	32.6	3335.36	1146.82
300	14825	cm 58	552.12	32.86	2362.26	1121.26
300	14825	cm 62	574.52	33.22	< LOD	2173.01
300	14825	cm 66	690.63	36.02	< LOD	1778.88
300	14825	cm 70	477.29	32.79	< LOD	2410.34
300	14821	cm 16	787.15	31.25	< LOD	1181.49
300	14821	cm 20	714.05	30.96	< LOD	1905.26
300	14821	cm 24	895.98	32.99	2798.88	925.02
300	14821	cm 30	135.86	29.38	< LOD	1372.06
300	14821	cm 32	233.76	30.21	< LOD	1520.29
300	14821	cm 34	204.6	30.07	3018.59	1096.7
300	14821	cm 36	115.9	32.01	< LOD	1534.85
300	14821	cm 46	532.4	31.56	3132.32	1059.96
300	14821	cm 50	582.91	32.73	< LOD	1606.16
300	14821	cm 54	407.83	30.81	2181.64	1053.42
300	14821	cm 60	427.9	32.73	< LOD	1613.37
300	14827	cm 16	789.22	32.64	< LOD	1497.76
300	14827	cm 20	731.92	32.63	< LOD	1586.19
300	14827	cm 24	663.01	30.62	< LOD	1195.19
300	14827	cm 28	380.44	32.41	2033.9	1091.41
300	14827	cm 30	119.24	31.15	< LOD	1522.12
300	14827	cm 34	172.23	30.8	2056.12	1075.71
300	14807	cm 20	606.83	30.91	< LOD	1818.78
300	14807	cm 24	770.06	31.29	< LOD	1182.33

Duration	SAMPLE	MISC	S	S Error	Mg	Mg Error
300	14807	cm 28	879.16	80.97	1491.78	933.01
300	14807	cm 32	409.19	29.86	< LOD	1309.18
300	14807	cm 34	524.77	30.78	< LOD	1524.08
300	14807	cm 36	528.32	31.84	< LOD	2054.61
300	14807	cm 42	522.86	34.73	3266.1	1187.26
300	14807	cm 48	358.89	31.46	< LOD	2394.93
300	14807	cm 50	296.47	29.23	< LOD	1481.63
300	14807	cm 52	414.98	31.96	3599.55	1099.84
300	14807	cm 56	409.02	30.9	3615.19	1105.5
300	14807	cm 60	498.51	32.33	4017.5	1132.04
300	14829	cm 18	1025.28	34.21	< LOD	1359.24
300	14829	cm 22	782.52	32.96	< LOD	1391.79
300	14829	cm 24	622.04	29.91	< LOD	1338.14
300	14829	cm 26	214.8	30.38	< LOD	1560.46
300	14829	cm 28	230.96	30.5	3593.52	1123.08
300	14829	cm 32	205.47	29.42	3712.66	1102.37
300	14829	cm 36	232.11	30.9	< LOD	1963.07
300	14815	cm 20	806	31.92	< LOD	1731.74
300	14815	cm 24	627.74	30.54	< LOD	1271.62
300	14815	cm 28	655.84	33.51	< LOD	1414.13
300	14815	cm 32	355.45	32.36	< LOD	1927.03
300	14815	cm 34	700.54	33.39	< LOD	1491.36
300	14815	cm 36	451.08	31.22	2259.79	1040.08
300	14815	cm 38	648.59	32.41	< LOD	1939.59
300	14815	cm 42	282.45	32.72	< LOD	1665.42
300	14815	cm 48	352.43	30.79	< LOD	2524.77
300	14815	cm 52	372.25	31.49	4910.34	1165.47
300	14815	cm 56	410.13	33.06	< LOD	2277.94

Duration	SAMPLE	MISC	S	S Error	Mg	Mg Error
300	14815	cm 60	327.47	31.94	< LOD	1702.01
300	14809	cm 20	955.04	34.3	1543.64	914.41
300	14809	cm 24	962.71	37.46	< LOD	2057.01
300	14809	cm 28	1122.18	36.29	< LOD	1368.89
300	14809	cm 32	211.89	29.93	2832.84	1071.44
300	14809	cm 34	203.91	28.21	< LOD	1415.18
300	14809	cm 36	223.1	28.81	< LOD	1483.97
300	14809	cm 38	262.48	29.91	< LOD	1549.46
300	14809	cm 48	342.03	30.34	2857.11	1073.31
300	14809	cm 52	447.72	33.07	2814.57	1150
300	14809	cm 56	311.09	30.29	< LOD	1566.06
300	14817	cm 24	616.05	30.52	< LOD	1215.8
300	14817	cm 28	777.99	32.82	< LOD	1799.88
300	14817	cm 32	255.42	30.94	3097.94	1080.81
300	14817	cm 36	358.91	31.46	< LOD	1598.58
300	14811	cm 24	1150.31	81.08	< LOD	1369.95
300	14811	cm 28	610.72	31.6	< LOD	1317.14
300	14811	cm 32	328.52	32.44	< LOD	1636.12
300	14811	cm 36	191.77	29.69	< LOD	1571.67