Spearman's Correlation Coefficient (Two-tailed)	
Number of Data Points	30
p=0.05, 95% Significant	0.362
p=0.01, 99% Significant	0.467
p=0.001, 99.9% Significant	0.580

	Water Depth (m)	Mean (mm)	Sorting	Skewness	Kurtosis	% Fines	% Sands	% Gravel	Total Organic Carbon (% dwt)	Total Organic Matter (% w/w)	Moisture Content (%)	Total Oil (mg.kg-1)	Total n alkanes (ng.g-1)	Carbon Preference Index	P/B Ratio	Pr/Ph Ratio	Proportion of Alkanes (%)	Total PAHs (ng.g-1)	NPD PAHs (ng.g-1)	Arsenic as As	Cadmium as Cd	Chromium as Cr	Copper as Cu	Lead as Pb	Mercury as Hg	Nickel as Ni	Zinc as Zn	Aluminium as Al	Barium as Ba	Iron as Fe	Lithium as Li
Water Depth (m)		-0.357	-0.378	0.084	0.202	0.215	-0.020	-0.144	0.088	0.215	0.097	0.075	0.038	-0.457	0.050	0.253	-0.202	-0.001	0.025	-0.221	-0.104	-0.171	-0.200	-0.195	-0.198	-0.216	-0.167	-0.250	0.149	-0.247	-0.268
Mean (mm)			0.315	0.255	0.409	-0.876	0.668	0.031	-0.175	-0.402	-0.033	-0.094	-0.240	-0.162	-0.025	0.045	0.301	-0.228	-0.285	0.018	0.135	-0.004	0.027	-0.027	0.050	0.031	0.042	0.056	0.012	0.097	0.058
Sorting				-0.414	-0.537	-0.041	-0.169	0.223	-0.383	-0.218	-0.039	-0.068	-0.115	0.012	0.055	-0.145	0.144	-0.046	0.053	0.288	0.275	0.296	0.267	0.282	0.239	0.324	0.341	0.232	-0.123	0.279	0.269
Skewness					0.343	-0.640	0.456	-0.071	0.300	0.118	0.253	0.059	-0.083	0.088	-0.209	0.172	0.349	-0.156	-0.143	-0.161	0.030	-0.049	-0.061	-0.118	-0.212	-0.035	-0.152	-0.047	0.130	-0.105	-0.077
Kurtosis						-0.535	0.739	-0.243	0.081	-0.206	0.032	-0.096	-0.138	-0.316	-0.006	0.255	-0.024	-0.142	-0.242	-0.300	-0.227	-0.350	-0.299	-0.321	-0.115	-0.356	-0.257	-0.272	0.135	-0.249	-0.290
% Fines							-0.800	0.066	-0.019	0.237	-0.093	0.085	0.250	0.147	0.157	-0.150	-0.383	0.271	0.292	0.091	-0.092	0.062	0.039	0.105	0.035	0.028	0.047	0.013	-0.116	0.006	0.019
% Sands								-0.322	-0.090	-0.334	-0.068	-0.256	-0.418	-0.324	-0.310	0.187	0.249	-0.414	-0.415	-0.183	0.066	-0.153	-0.129	-0.166	0.075	-0.156	-0.079	-0.122	0.181	-0.111	-0.130
% Gravel									-0.373	-0.046	-0.226	-0.033	0.099	0.363	-0.104	-0.386	-0.185	-0.060	-0.082	0.229	-0.106	0.113	0.116	0.111	0.050	0.158	0.119	0.196	-0.220	0.218	0.206
Total Organic Carbon (% dwt)										0.572	0.453	0.447	0.390	-0.214	0.299	0.452	0.107	0.456	0.461	-0.026	0.000	0.114	0.137	0.097	0.051	0.116	0.044	0.113	0.187	0.085	0.137
Total Organic Matter (% w/w)											0.378	0.440	0.497	-0.184	0.128	0.130	-0.019	0.484	0.553	0.021	-0.227	0.097	0.114	0.080	-0.024	0.134	0.003	0.078	0.250	0.033	0.059
Moisture Content (%)												0.571	0.374	-0.225	0.460	0.344	0.262	0.478	0.659	0.025	-0.046	0.099	0.099	0.101	0.002	0.101	0.051	0.110	0.126	0.054	0.109
Total Oil (mg.kg-1)													0.763	-0.250	0.566	0.386	0.121	0.650	0.658	0.020	-0.110	0.040	0.024	0.012	-0.195	0.049	0.106	0.013	0.122	-0.038	0.000
Total n alkanes (ng.g-1)														-0.085	0.386	0.267	-0.441	0.878	0.758	0.014	-0.312	-0.018	-0.027	-0.005	-0.215	0.011	0.060	0.060	0.139	0.004	0.035
Carbon Preference Index															-0.260	-0.656	0.038	-0.070	-0.122	-0.023	-0.174	-0.076	-0.112	-0.088	-0.222	-0.058	-0.156	-0.079	-0.110	-0.070	-0.097
P/B Ratio																0.384	0.091	0.464	0.517	0.101	0.027	0.008	0.050	0.051	-0.049	0.035	0.091	-0.051	-0.210	0.029	-0.008
Pr/Ph Ratio																	0.045	0.199	0.236	0.053	0.184	0.118	0.121	0.099	0.083	0.098	0.208	0.113	-0.032	0.070	0.124
Proportion of Alkanes (%)																		-0.436	-0.242	0.113	0.399	0.245	0.223	0.158	0.092	0.237	0.157	0.077	-0.040	0.045	0.084
Total PAHs (ng.g-1)																			0.907	0.099	-0.233	0.042	0.059	0.099	-0.082	0.081	0.107	0.108	0.018	0.144	0.106
NPD PAHs (ng.g-1)																				0.186	-0.094	0.152	0.164	0.195	0.062	0.188	0.171	0.205	-0.006	0.233	0.213
Arsenic as As																					0.800	0.936	0.943	0.952	0.837	0.945	0.923	0.784	-0.687	0.861	0.817
Cadmium as Cd																						0.871	0.848	0.834	0.782	0.857	0.832	0.681	-0.642	0.736	0.730
Chromium as Cr																							0.986	0.983	0.842	0.991	0.932	0.839	-0.566	0.859	0.863
Copper as Cu																								0.988	0.880	0.988	0.930	0.861	-0.598	0.902	0.893
Lead as Pb																									0.882	0.982	0.933	0.850	-0.591	0.903	0.887
Mercury as Hg																										0.834	0.822	0.778	-0.520	0.841	0.828
Nickel as Ni																											0.934	0.850	-0.561	0.888	0.880
Zinc as Zn																												0.767	-0.596	0.817	0.801
Aluminium as Al																													-0.357	0.934	0.984
Barium as Ba																														-0.517	-0.416
Iron as Fe																															0.966
Lithium as Li																															