Spearman's Correlation Coefficient (Two-tailed)		Water Depth	Mean (mm)	Sorting	Skewness	Kurtosis	Fines (%)	Sands(%)	Gravel (%)	Number of Species (S)	Number of Individuals (N)	Richness (Margalef)	Eveness (Pielou's)	Shannon Wiener Diversity	Simpson's Diversity (1-Lambda)
Number of Data Points	37														
p=0.05, 95% Significant	0.325														
p=0.01, 99% Significant	0.421														
p=0.001, 99.9% Significant	0.526														
Water Depth			-0.778	-0.395	-0.019	0.333	0.322	0.423	-0.315	-0.035	-0.003	-0.025	-0.056	-0.035	-0.020
Mean (mm)				0.660	-0.325	-0.328	-0.427	-0.711	0.737	0.351	0.297	0.317	0.136	0.281	0.213
Sorting					-0.197	0.113	0.168	-0.958	0.751	0.644	0.566	0.594	0.260	0.564	0.421
Skewness						0.091	0.319	0.196	-0.498	-0.268	-0.154	-0.317	-0.201	-0.329	-0.325
Kurtosis							0.704	0.024	-0.236	-0.017	-0.077	0.002	0.114	0.070	0.068
Fines (%)								-0.039	-0.319	0.151	0.137	0.144	0.010	0.113	0.001
Sands(%)									-0.816	-0.686	-0.637	-0.628	-0.221	-0.552	-0.394
Gravel (%)										0.737	0.566	0.722	0.312	0.656	0.544
Number of Species (S)											0.790	0.973	0.257	0.824	0.539
Number of Individuals (N)												0.653	-0.254	0.399	0.068
Richness (Margalef)													0.401	0.901	0.654
Eveness (Pielou's)														0.707	0.919
Shannon Wiener Diversity															0.891