

Water Quality Data Matrix											
Parameter	Temperature	Conductivity	DO	pH	Alkalinity	Cl	SO4	NO3	Ca	K	Mg
	1	-0.363	0.196	0.359	0.484	-0.102	0.544	0.835	0.044	0	0.129
	-0.363	1	-0.098	-0.408	-0.184	-0.134	-0.772	-0.61	-0.133	0.354	-0.338
	0.196	-0.098	1	0.225	0.369	-0.192	-0.136	0.186	-0.334	0.312	-0.198
	0.359	-0.408	0.225	1	0.256	-0.375	-0.097	0.377	-0.093	0.012	-0.021
	0.484	-0.184	0.369	0.256	1	-0.023	0.152	0.165	0.003	0.044	0.274
	-0.102	-0.134	-0.192	-0.375	-0.023	1	0.401	0.818	0.079	-0.339	-0.084
	0.544	-0.772	-0.136	-0.097	0.152	0.401	1	0.84	0.295	-0.348	0.367
	0.835	-0.61	0.186	0.377	0.165	0.818	0.84	1	0.164	0.079	0.079
	0.044	-0.133	-0.334	-0.093	0.003	0.079	0.295	0.164	1	0.007	0.543
	0	0.354	0.312	0.012	0.044	-0.339	-0.348	0.079	0.007	1	-0.328
	0.129	-0.338	-0.198	-0.021	0.274	-0.084	0.367	0.079	0.543	-0.328	1
	-0.039	0.206	0.215	-0.006	0.214	-0.139	-0.249	0.038	0.187	0.795	-0.139