

Historical and 2010-2011 Groundwater Comparison				
Constituent	Type A p-value	Type B p-value	Type C p-value	Type D p-value
Ca	0.06	0.78	0.97	0.79
Cl	0.96	0.93	0.15	0.18
Na	0.11	0.68	0.55	0.38
Ba	0.89	0.68	N/A	0.12
Sr	0.38	0.66	N/A	0.89

Table S3. Statistical comparison of major element chemistry in water types A-D in shallow groundwater samples collected during this and previous (18, 19) studies. p-values > 0.05 for all values indicate that there is statistical similarity in major element chemistry between the historical data set collected in the 1980's and the 2010-2011 groundwater when divided by water type. N/A -Not analyzed because of limited reported values in the historical data for Type C water.