

**APPENDIX B**  
**MANN-KENDALL RESULTS**  
San Juan Basin Water Quality Analysis Project

Well ID	Analyte	S	N	Probability	Trend	Significance
700147	Methane	0	4	0.625	No Trend	FALSE
700155	ALK, Total	-4	4	0.167	Decreasing	FALSE
700155	Ca	0	4	0.625	No Trend	FALSE
700155	HCO3	-2	4	0.375	Decreasing	FALSE
700155	K	0	4	0.625	No Trend	FALSE
700155	Methane	0	5	0.592	No Trend	FALSE
700155	Mg	0	4	0.625	No Trend	FALSE
700155	Na	2	4	0.375	Increasing	FALSE
700155	pH, Lab	2	4	0.375	Increasing	FALSE
700155	SO4	-2	4	0.375	Decreasing	FALSE
700155	TDS	-3	4	0.271	Decreasing	FALSE
700158	Ca	20	10	0.045	Increasing	TRUE
700158	Cl	0	10	-8888	No Trend	TRUE
700158	K	0	10	-8888	No Trend	TRUE
700158	Methane	-21	10	0.04	Decreasing	TRUE
700158	Mg	0	10	-8888	No Trend	TRUE
700158	Na	5	10	0.364	Increasing	FALSE
700158	pH, Lab	-6	9	0.306	Decreasing	FALSE
700158	SO4	-3	10	0.431	Decreasing	FALSE
700158	TDS	-21	9	0.017	Decreasing	TRUE
700159	Ca	-2	4	0.375	Decreasing	FALSE
700159	Cl	-5	4	0.105	Decreasing	FALSE
700159	K	0	4	0.625	No Trend	FALSE
700159	Methane	-9	7	0.12	Decreasing	FALSE
700159	Mg	-1	4	0.5	Decreasing	FALSE
700159	Na	4	4	0.167	Increasing	FALSE
700159	pH, Lab	2	4	0.375	Increasing	FALSE
700159	SO4	0	4	0.625	No Trend	FALSE
700159	TDS	-4	4	0.167	Decreasing	FALSE
700162	Ca	9	7	0.119	Increasing	FALSE
700162	Cl	-5	7	0.281	Decreasing	FALSE
700162	K	7	7	0.191	Increasing	FALSE
700162	Methane	-2	5	0.41	Decreasing	FALSE
700162	Mg	7	7	0.191	Increasing	FALSE
700162	Na	-1	7	0.5	Decreasing	FALSE
700162	pH, Lab	-15	7	0.015	Decreasing	TRUE
700162	SO4	2	7	0.443	Increasing	FALSE
700162	TDS	-7	7	0.191	Decreasing	FALSE
700164	Ca	4	6	0.298	Increasing	FALSE
700164	Cl	-8	6	0.102	Decreasing	FALSE
700164	K	-1	6	0.5	Decreasing	FALSE
700164	Methane	-12	6	0.02	Decreasing	TRUE
700164	Na	5	6	0.235	Increasing	FALSE
700164	pH, Lab	7	5	0.08	Increasing	FALSE
700164	SO4	-3	6	0.36	Decreasing	FALSE
700164	TDS	-3	6	0.36	Decreasing	FALSE
700165	Ca	4	4	0.167	Increasing	FALSE
700165	Cl	-5	4	0.105	Decreasing	FALSE
700165	K	3	4	0.271	Increasing	FALSE
700165	Methane	2	5	0.41	Increasing	FALSE

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700165	Mg	5	4	0.105	Increasing	FALSE
700165	Na	-1	4	0.5	Decreasing	FALSE
700165	pH, Lab	-6	4	0.042	Decreasing	TRUE
700165	SO4	5	4	0.105	Increasing	FALSE
700165	TDS	-2	4	0.375	Decreasing	FALSE
700169	Ca	7	5	0.08	Increasing	FALSE
700169	Cl	0	5	0.592	No Trend	FALSE
700169	K	0	5	0.592	No Trend	FALSE
700169	Methane	-13	6	0.01	Decreasing	TRUE
700169	Mg	4	5	0.242	Increasing	FALSE
700169	Na	4	5	0.242	Increasing	FALSE
700169	pH, Lab	0	5	0.592	No Trend	FALSE
700169	SO4	3	4	0.271	Increasing	FALSE
700169	TDS	-3	5	0.325	Decreasing	FALSE
700193	Ca	6	4	0.042	Increasing	TRUE
700193	Cl	0	4	0.625	No Trend	FALSE
700193	CO3	0	4	0.625	No Trend	FALSE
700193	HCO3	6	4	0.042	Increasing	TRUE
700193	K	-3	4	0.271	Decreasing	FALSE
700193	Mg	4	4	0.167	Increasing	FALSE
700193	Methane	-1	5	0.5	Decreasing	FALSE
700193	Na	2	4	0.375	Increasing	FALSE
700193	pH, Lab	-6	4	0.042	Decreasing	TRUE
700193	SO4	-1	4	0.5	Decreasing	FALSE
700193	TDS	-3	4	0.271	Decreasing	FALSE
700195	Ca	-4	4	0.167	Decreasing	FALSE
700195	Cl	-3	4	0.271	Decreasing	FALSE
700195	CO3	0	4	0.625	No Trend	FALSE
700195	HCO3	-5	4	0.105	Decreasing	FALSE
700195	K	-3	4	0.271	Decreasing	FALSE
700195	Mg	-3	4	0.271	Decreasing	FALSE
700195	Methane	-2	5	0.408	Decreasing	FALSE
700195	Na	-4	4	0.167	Decreasing	FALSE
700195	pH, Lab	-2	4	0.375	Decreasing	FALSE
700195	SO4	-1	4	0.5	Decreasing	FALSE
700195	TDS	-6	4	0.042	Decreasing	TRUE
700196	Cl	-4	4	0.167	Decreasing	FALSE
700196	Methane	-4	5	0.242	Decreasing	FALSE
700196	pH, Lab	0	4	0.625	No Trend	FALSE
700196	SO4	-4	4	0.167	Decreasing	FALSE
700196	TDS	-5	4	0.105	Decreasing	FALSE
700201	Methane	2	5	0.408	Increasing	FALSE
700208	Methane	-9	6	0.068	Decreasing	FALSE
700211	Ca	-4	4	0.167	Decreasing	FALSE
700211	Cl	-4	4	0.167	Decreasing	FALSE
700211	K	1	4	0.5	Increasing	FALSE
700211	Methane	-4	5	0.242	Decreasing	FALSE
700211	Mg	-6	4	0.042	Decreasing	TRUE
700211	Na	-4	4	0.167	Decreasing	FALSE
700211	pH, Lab	6	4	0.042	Increasing	TRUE
700211	SO4	-6	4	0.042	Decreasing	TRUE

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Well ID	Analyte	S	N	Probability	Trend	Significance
700211	TDS	-4	4	0.167	Decreasing	FALSE
700218	Ca	3	5	0.325	Increasing	FALSE
700218	Cl	-2	5	0.408	Decreasing	FALSE
700218	K	0	5	0.592	No Trend	FALSE
700218	Methane	-6	5	0.117	Decreasing	FALSE
700218	Mg	3	5	0.325	Increasing	FALSE
700218	Na	-2	5	0.408	Decreasing	FALSE
700218	pH, Lab	4	5	0.242	Increasing	FALSE
700218	SO4	-6	5	0.117	Decreasing	FALSE
700218	TDS	-7	5	0.08	Decreasing	FALSE
700219	Ca	5	5	0.18	Increasing	FALSE
700219	Cl	0	5	0.592	No Trend	FALSE
700219	K	0	5	0.592	No Trend	FALSE
700219	Methane	-8	5	0.042	Decreasing	TRUE
700219	Mg	7	5	0.08	Increasing	FALSE
700219	Na	-2	5	0.408	Decreasing	FALSE
700219	pH, Lab	-10	5	0.008	Decreasing	TRUE
700219	SO4	1	5	0.5	Increasing	FALSE
700219	TDS	-5	5	0.18	Decreasing	FALSE
700222	Ca	0	4	0.625	No Trend	FALSE
700222	Cl	0	4	0.625	No Trend	FALSE
700222	CO3	0	4	0.625	No Trend	FALSE
700222	HCO3	6	4	0.042	Increasing	TRUE
700222	K	-6	4	0.042	Decreasing	TRUE
700222	Methane	-12	6	0.018	Decreasing	TRUE
700222	Mg	-2	4	0.375	Decreasing	FALSE
700222	Na	4	4	0.167	Increasing	FALSE
700222	pH, Lab	-3	4	0.271	Decreasing	FALSE
700222	SO4	-1	4	0.5	Decreasing	FALSE
700222	TDS	-2	4	0.375	Decreasing	FALSE
700225	Ca	6	6	0.186	Increasing	FALSE
700225	Cl	-4	6	0.298	Decreasing	FALSE
700225	K	0	6	-8888	No Trend	TRUE
700225	Methane	-3	6	0.36	Decreasing	FALSE
700225	Mg	0	6	-8888	No Trend	TRUE
700225	Na	5	6	0.235	Increasing	FALSE
700225	pH, Lab	-5	6	0.235	Decreasing	FALSE
700225	SO4	0	6	-8888	No Trend	TRUE
700225	TDS	-5	6	0.235	Decreasing	FALSE
700230	Ca	0	4	0.625	No Trend	FALSE
700230	Cl	4	4	0.167	Increasing	FALSE
700230	K	-5	4	0.105	Decreasing	FALSE
700230	Methane	6	5	0.117	Increasing	FALSE
700230	Mg	-1	4	0.5	Decreasing	FALSE
700230	Na	0	4	0.625	No Trend	FALSE
700230	pH, Lab	-1	4	0.5	Decreasing	FALSE
700230	SO4	-1	4	0.5	Decreasing	FALSE
700230	TDS	2	4	0.375	Increasing	FALSE
700233	Ca	-4	5	0.242	Decreasing	FALSE
700233	Cl	1	4	0.5	Increasing	FALSE
700233	K	3	5	0.325	Increasing	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
700233	Methane	-5	5	0.18	Decreasing	FALSE
700233	Mg	-8	5	0.042	Decreasing	TRUE
700233	Na	4	5	0.242	Increasing	FALSE
700233	pH, Lab	3	5	0.325	Increasing	FALSE
700233	SO4	-6	5	0.117	Decreasing	FALSE
700233	TDS	-5	5	0.18	Decreasing	FALSE
700235	Methane	-2	4	0.375	Decreasing	FALSE
700246	Ca	2	4	0.375	Increasing	FALSE
700246	Cl	-1	4	0.5	Decreasing	FALSE
700246	K	3	4	0.271	Increasing	FALSE
700246	Methane	-6	5	0.117	Decreasing	FALSE
700246	Mg	2	4	0.375	Increasing	FALSE
700246	Na	4	4	0.167	Increasing	FALSE
700246	pH, Lab	2	4	0.375	Increasing	FALSE
700246	SO4	-1	4	0.5	Decreasing	FALSE
700246	TDS	-1	4	0.5	Decreasing	FALSE
700250	Ca	-2	4	0.375	Decreasing	FALSE
700250	Cl	1	4	0.5	Increasing	FALSE
700250	CO3	-5	4	0.105	Decreasing	FALSE
700250	HCO3	2	4	0.375	Increasing	FALSE
700250	K	-3	4	0.271	Decreasing	FALSE
700250	Methane	-2	5	0.408	Decreasing	FALSE
700250	Mg	0	4	0.625	No Trend	FALSE
700250	Na	-1	4	0.5	Decreasing	FALSE
700250	pH, Lab	-3	5	0.325	Decreasing	FALSE
700250	SO4	-3	4	0.271	Decreasing	FALSE
700250	TDS	-4	4	0.167	Decreasing	FALSE
700251	Methane	5	6	0.235	Increasing	FALSE
700254	Ca	0	5	0.592	No Trend	FALSE
700254	Cl	2	5	0.408	Increasing	FALSE
700254	CO3	-1	4	0.5	Decreasing	FALSE
700254	HCO3	-3	4	0.271	Decreasing	FALSE
700254	K	-3	5	0.325	Decreasing	FALSE
700254	Methane	-2	5	0.408	Decreasing	FALSE
700254	Mg	-1	5	0.5	Decreasing	FALSE
700254	Na	0	5	0.592	No Trend	FALSE
700254	pH, Lab	2	5	0.408	Increasing	FALSE
700254	SO4	-4	5	0.242	Decreasing	FALSE
700254	TDS	-6	5	0.117	Decreasing	FALSE
700258	Ca	0	5	0.592	No Trend	FALSE
700258	Cl	-1	5	0.5	Decreasing	FALSE
700258	K	-6	5	0.117	Decreasing	FALSE
700258	Methane	9	9	0.209	Increasing	FALSE
700258	Mg	-4	5	0.242	Decreasing	FALSE
700258	Na	-4	5	0.242	Decreasing	FALSE
700258	pH, Lab	4	5	0.242	Increasing	FALSE
700258	SO4	-4	5	0.242	Decreasing	FALSE
700258	TDS	-4	5	0.242	Decreasing	FALSE
700259	Ca	4	4	0.167	Increasing	FALSE
700259	Cl	4	4	0.167	Increasing	FALSE
700259	K	1	4	0.5	Increasing	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
700259	Methane	-6	4	0.042	Decreasing	TRUE
700259	Mg	-3	4	0.271	Decreasing	FALSE
700259	Na	0	4	0.625	No Trend	FALSE
700259	SO4	4	4	0.167	Increasing	FALSE
700259	TDS	1	4	0.5	Increasing	FALSE
700262	Methane	-3	4	0.271	Decreasing	FALSE
700265	Methane	5	6	0.235	Increasing	FALSE
700266	Methane	-1	5	0.5	Decreasing	FALSE
700266	TDS	2	4	0.375	Increasing	FALSE
700267	Methane	4	4	0.167	Increasing	FALSE
700268	Ca	-4	4	0.167	Decreasing	FALSE
700268	Cl	-2	4	0.375	Decreasing	FALSE
700268	CO3	-4	4	0.167	Decreasing	FALSE
700268	HCO3	0	4	0.625	No Trend	FALSE
700268	K	0	4	0.625	No Trend	FALSE
700268	Methane	-7	5	0.08	Decreasing	FALSE
700268	Mg	0	4	0.625	No Trend	FALSE
700268	Na	-2	4	0.375	Decreasing	FALSE
700268	pH, Lab	4	4	0.167	Increasing	FALSE
700268	SO4	-4	4	0.167	Decreasing	FALSE
700268	TDS	-6	4	0.042	Decreasing	TRUE
700270	Methane	-6	4	0.042	Decreasing	TRUE
700271	Methane	4	6	0.298	Increasing	FALSE
700275	Cl	-2	4	0.375	Decreasing	FALSE
700275	pH, Lab	-1	4	0.5	Decreasing	FALSE
700275	SO4	0	4	0.625	No Trend	FALSE
700275	TDS	-4	4	0.167	Decreasing	FALSE
700277	Cl	0	4	0.625	No Trend	FALSE
700277	K	0	4	0.625	No Trend	FALSE
700277	Methane	-1	4	0.5	Decreasing	FALSE
700277	Mg	-3	4	0.271	Decreasing	FALSE
700280	Ca	-5	5	0.18	Decreasing	FALSE
700280	Cl	-4	5	0.242	Decreasing	FALSE
700280	CO3	3	4	0.271	Increasing	FALSE
700280	HCO3	5	4	0.105	Increasing	FALSE
700280	K	-4	5	0.242	Decreasing	FALSE
700280	Methane	-9	6	0.068	Decreasing	FALSE
700280	Mg	-8	5	0.042	Decreasing	TRUE
700280	Na	4	5	0.242	Increasing	FALSE
700280	pH, Lab	6	5	0.117	Increasing	FALSE
700280	SO4	0	5	0.592	No Trend	FALSE
700280	TDS	0	5	0.592	No Trend	FALSE
700284	Methane	-1	6	0.5	Decreasing	FALSE
700285	Ca	-22	11	0.052	Decreasing	FALSE
700285	Cl	5	11	0.381	Increasing	FALSE
700285	K	10	11	0.247	Increasing	FALSE
700285	Methane	-11	12	0.252	Decreasing	FALSE
700285	Mg	-13	11	0.179	Decreasing	FALSE
700285	Na	-2	11	0.47	Decreasing	FALSE
700285	pH, Lab	15	10	0.108	Increasing	FALSE
700285	SO4	-6	11	0.353	Decreasing	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
700285	TDS	-3	10	0.431	Decreasing	FALSE
700288	Ca	8	5	0.042	Increasing	TRUE
700288	Cl	0	5	0.592	No Trend	FALSE
700288	K	0	5	0.592	No Trend	FALSE
700288	Methane	-10	9	0.179	Decreasing	FALSE
700288	Mg	6	5	0.117	Increasing	FALSE
700288	Na	0	5	0.592	No Trend	FALSE
700288	pH, Lab	-4	5	0.242	Decreasing	FALSE
700288	SO4	8	5	0.042	Increasing	TRUE
700288	TDS	5	5	0.18	Increasing	FALSE
700294	Ca	6	5	0.117	Increasing	FALSE
700294	Cl	-7	5	0.08	Decreasing	FALSE
700294	K	-1	5	0.5	Decreasing	FALSE
700294	Methane	-5	6	0.235	Decreasing	FALSE
700294	Mg	4	5	0.242	Increasing	FALSE
700294	Na	-1	5	0.5	Decreasing	FALSE
700294	pH, Lab	-4	5	0.242	Decreasing	FALSE
700294	SO4	2	5	0.408	Increasing	FALSE
700294	TDS	0	5	0.592	No Trend	FALSE
700295	Methane	-7	6	0.136	Decreasing	FALSE
700295	TDS	-6	4	0.042	Decreasing	TRUE
700296	Cl	-3	4	0.271	Decreasing	FALSE
700296	K	-2	4	0.375	Decreasing	FALSE
700296	Methane	-7	5	0.08	Decreasing	FALSE
700296	Na	0	4	0.625	No Trend	FALSE
700296	pH, Lab	-1	4	0.5	Decreasing	FALSE
700296	SO4	0	4	0.625	No Trend	FALSE
700296	TDS	0	4	0.625	No Trend	FALSE
700300	Methane	-3	4	0.271	Decreasing	FALSE
700301	Ca	-3	6	0.36	Decreasing	FALSE
700301	Cl	-5	6	0.235	Decreasing	FALSE
700301	K	-9	6	0.068	Decreasing	FALSE
700301	Methane	1	7	0.5	Increasing	FALSE
700301	Mg	-3	6	0.36	Decreasing	FALSE
700301	Na	-6	6	0.186	Decreasing	FALSE
700301	pH, Lab	0	6	-8888	No Trend	TRUE
700301	SO4	-6	6	0.186	Decreasing	FALSE
700301	TDS	-2	6	0.43	Decreasing	FALSE
700304	ALK, Total	13	6	0.008	Increasing	TRUE
700304	Ca	-14	8	0.054	Decreasing	FALSE
700304	Cl	-13	8	0.072	Decreasing	FALSE
700304	CO3	0	6	-8888	No Trend	TRUE
700304	HCO3	13	6	0.008	Increasing	TRUE
700304	K	-18	8	0.016	Decreasing	TRUE
700304	Methane	-3	8	0.406	Decreasing	FALSE
700304	Mg	1	8	0.5	Increasing	FALSE
700304	Na	-14	8	0.054	Decreasing	FALSE
700304	pH, Lab	-2	8	0.452	Decreasing	FALSE
700304	SO4	-8	8	0.199	Decreasing	FALSE
700304	TDS	-12	8	0.089	Decreasing	FALSE
700306	Methane	-4	4	0.167	Decreasing	FALSE

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700307	Methane	8	7	0.155	Increasing	FALSE
700315	Ca	-7	8	0.237	Decreasing	FALSE
700315	Cl	-6	8	0.274	Decreasing	FALSE
700315	K	12	8	0.089	Increasing	FALSE
700315	Methane	-32	24	0.223	Decreasing	FALSE
700315	Mg	-11	8	0.114	Decreasing	FALSE
700315	Na	-14	8	0.054	Decreasing	FALSE
700315	pH, Lab	-14	9	0.09	Decreasing	FALSE
700315	SO4	-20	8	0.007	Decreasing	TRUE
700315	TDS	-9	8	0.169	Decreasing	FALSE
700318	Ca	5	6	0.235	Increasing	FALSE
700318	Cl	-7	6	0.136	Decreasing	FALSE
700318	K	9	6	0.068	Increasing	FALSE
700318	Methane	-16	17	0.271	Decreasing	FALSE
700318	Mg	0	5	0.592	No Trend	FALSE
700318	Na	-6	6	0.186	Decreasing	FALSE
700318	pH, Lab	-8	6	0.102	Decreasing	FALSE
700318	SO4	-3	6	0.36	Decreasing	FALSE
700318	TDS	-7	6	0.136	Decreasing	FALSE
700319	ALK, Total	-1	4	0.5	Decreasing	FALSE
700319	Ca	3	5	0.325	Increasing	FALSE
700319	Cl	7	5	0.08	Increasing	FALSE
700319	CO3	0	4	0.625	No Trend	FALSE
700319	HCO3	-5	4	0.105	Decreasing	FALSE
700319	K	-4	5	0.242	Decreasing	FALSE
700319	Methane	-8	6	0.102	Decreasing	FALSE
700319	Mg	3	5	0.325	Increasing	FALSE
700319	Na	-1	5	0.5	Decreasing	FALSE
700319	pH, Lab	4	4	0.167	Increasing	FALSE
700319	SO4	1	5	0.5	Increasing	FALSE
700319	TDS	-3	5	0.325	Decreasing	FALSE
700322	Ca	1	11	0.5	Increasing	FALSE
700322	Cl	-25	11	0.03	Decreasing	TRUE
700322	CO3	-3	6	0.36	Decreasing	FALSE
700322	HCO3	-7	7	0.191	Decreasing	FALSE
700322	K	7	11	0.324	Increasing	FALSE
700322	Methane	-74	24	0.035	Decreasing	TRUE
700322	Mg	35	11	0.003	Increasing	TRUE
700322	Na	3	11	0.44	Increasing	FALSE
700322	pH, Lab	-3	11	0.44	Decreasing	FALSE
700322	SO4	13	11	0.179	Increasing	FALSE
700322	TDS	-21	10	0.036	Decreasing	TRUE
700336	Methane	-2	4	0.375	Decreasing	FALSE
700338	ALK, Total	-3	4	0.271	Decreasing	FALSE
700338	Ca	0	5	0.592	No Trend	FALSE
700338	Cl	6	5	0.117	Increasing	FALSE
700338	CO3	-3	4	0.271	Decreasing	FALSE
700338	HCO3	0	4	0.625	No Trend	FALSE
700338	K	5	5	0.18	Increasing	FALSE
700338	Methane	-5	6	0.235	Decreasing	FALSE
700338	Mg	4	5	0.242	Increasing	FALSE

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700338	Na	-4	5	0.242	Decreasing	FALSE
700338	pH, Lab	3	5	0.325	Increasing	FALSE
700338	SO4	-4	5	0.242	Decreasing	FALSE
700338	TDS	7	5	0.08	Increasing	FALSE
700341	Methane	-3	4	0.271	Decreasing	FALSE
700349	Ca	-9	7	0.119	Decreasing	FALSE
700349	Cl	5	7	0.281	Increasing	FALSE
700349	K	-4	7	0.334	Decreasing	FALSE
700349	Methane	-33	16	0.077	Decreasing	FALSE
700349	Mg	-14	7	0.025	Decreasing	TRUE
700349	Na	-13	7	0.035	Decreasing	TRUE
700349	pH, Lab	-3	7	0.386	Decreasing	FALSE
700349	SO4	-11	7	0.068	Decreasing	FALSE
700349	TDS	-6	7	0.236	Decreasing	FALSE
700350	Ca	5	6	0.235	Increasing	FALSE
700350	Cl	-2	6	0.43	Decreasing	FALSE
700350	K	11	6	0.028	Increasing	TRUE
700350	Methane	-19	16	0.212	Decreasing	FALSE
700350	Mg	7	6	0.136	Increasing	FALSE
700350	Na	5	6	0.235	Increasing	FALSE
700350	pH, Lab	-5	6	0.235	Decreasing	FALSE
700350	SO4	-3	6	0.36	Decreasing	FALSE
700350	TDS	4	6	0.298	Increasing	FALSE
700356	Ca	6	4	0.042	Increasing	TRUE
700356	Cl	0	4	0.625	No Trend	FALSE
700356	K	2	4	0.375	Increasing	FALSE
700356	Methane	4	4	0.167	Increasing	FALSE
700356	Mg	4	4	0.167	Increasing	FALSE
700356	Na	-2	4	0.375	Decreasing	FALSE
700356	pH, Lab	-6	4	0.042	Decreasing	TRUE
700356	SO4	-6	4	0.042	Decreasing	TRUE
700356	TDS	-4	4	0.167	Decreasing	FALSE
700362	Methane	11	13	0.275	Increasing	FALSE
700363	Methane	-21	12	0.087	Decreasing	FALSE
700366	Methane	28	12	0.031	Increasing	TRUE
700367	Methane	-3	14	0.457	Decreasing	FALSE
700374	Methane	-27	11	0.05	Decreasing	FALSE
700389	Ca	6	5	0.117	Increasing	FALSE
700389	Cl	6	5	0.117	Increasing	FALSE
700389	K	2	5	0.408	Increasing	FALSE
700389	Methane	-11	6	0.028	Decreasing	TRUE
700389	Mg	0	5	0.592	No Trend	FALSE
700389	Na	6	5	0.117	Increasing	FALSE
700389	pH, Lab	6	5	0.117	Increasing	FALSE
700389	SO4	2	5	0.408	Increasing	FALSE
700389	TDS	2	5	0.408	Increasing	FALSE
700393	Methane	-3	4	0.271	Decreasing	FALSE
700394	Ca	-4	4	0.167	Decreasing	FALSE
700394	Cl	-6	4	0.042	Decreasing	TRUE
700394	K	-1	4	0.5	Decreasing	FALSE
700394	Methane	-5	5	0.18	Decreasing	FALSE



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Well ID	Analyte	S	N	Probability	Trend	Significance
700394	Mg	-4	4	0.167	Decreasing	FALSE
700394	Na	-4	4	0.167	Decreasing	FALSE
700394	pH, Lab	-4	4	0.167	Decreasing	FALSE
700394	SO4	-1	4	0.5	Decreasing	FALSE
700394	TDS	-6	4	0.042	Decreasing	TRUE
700395	Ca	-4	4	0.167	Decreasing	FALSE
700395	K	-4	4	0.167	Decreasing	FALSE
700395	Methane	-4	5	0.242	Decreasing	FALSE
700395	Mg	-4	4	0.167	Decreasing	FALSE
700395	Na	6	4	0.042	Increasing	TRUE
700395	pH, Lab	2	4	0.375	Increasing	FALSE
700395	SO4	4	4	0.167	Increasing	FALSE
700395	TDS	4	4	0.167	Increasing	FALSE
700396	Ca	4	5	0.242	Increasing	FALSE
700396	Cl	2	4	0.375	Increasing	FALSE
700396	K	3	5	0.325	Increasing	FALSE
700396	Methane	-5	6	0.235	Decreasing	FALSE
700396	Mg	2	5	0.408	Increasing	FALSE
700396	Na	-2	5	0.408	Decreasing	FALSE
700396	pH, Lab	-2	5	0.408	Decreasing	FALSE
700396	SO4	4	5	0.242	Increasing	FALSE
700396	TDS	2	5	0.408	Increasing	FALSE
700397	Ca	0	4	0.625	No Trend	FALSE
700397	Cl	2	4	0.375	Increasing	FALSE
700397	K	2	4	0.375	Increasing	FALSE
700397	Methane	-3	5	0.325	Decreasing	FALSE
700397	Mg	0	4	0.625	No Trend	FALSE
700397	Na	0	4	0.625	No Trend	FALSE
700397	pH, Lab	0	4	0.625	No Trend	FALSE
700397	SO4	-4	4	0.167	Decreasing	FALSE
700397	TDS	-5	4	0.105	Decreasing	FALSE
700398	Methane	0	4	0.625	No Trend	FALSE
700402	ALK, Total	-4	5	0.242	Decreasing	FALSE
700402	Ca	5	6	0.235	Increasing	FALSE
700402	Cl	4	5	0.242	Increasing	FALSE
700402	HCO3	-4	4	0.167	Decreasing	FALSE
700402	K	-6	6	0.186	Decreasing	FALSE
700402	Methane	-7	7	0.191	Decreasing	FALSE
700402	Mg	4	6	0.298	Increasing	FALSE
700402	Na	3	6	0.36	Increasing	FALSE
700402	pH, Lab	-9	6	0.068	Decreasing	FALSE
700402	SO4	3	6	0.36	Increasing	FALSE
700402	TDS	5	6	0.235	Increasing	FALSE
700403	Ca	2	5	0.408	Increasing	FALSE
700403	K	1	5	0.5	Increasing	FALSE
700403	Methane	-9	6	0.068	Decreasing	FALSE
700403	Mg	1	5	0.5	Increasing	FALSE
700403	Na	10	5	0.008	Increasing	TRUE
700403	pH, Lab	-4	5	0.242	Decreasing	FALSE
700403	SO4	4	5	0.242	Increasing	FALSE
700403	TDS	6	5	0.117	Increasing	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
700404	Methane	-2	4	0.375	Decreasing	FALSE
700405	Ca	5	4	0.105	Increasing	FALSE
700405	Cl	-4	4	0.167	Decreasing	FALSE
700405	K	0	4	0.625	No Trend	FALSE
700405	Methane	-4	5	0.242	Decreasing	FALSE
700405	Mg	0	4	0.625	No Trend	FALSE
700405	Na	2	4	0.375	Increasing	FALSE
700405	pH, Lab	-2	4	0.375	Decreasing	FALSE
700405	SO4	-6	4	0.042	Decreasing	TRUE
700405	TDS	-4	4	0.167	Decreasing	FALSE
700408	Ca	6	4	0.042	Increasing	TRUE
700408	Cl	5	4	0.105	Increasing	FALSE
700408	K	3	4	0.271	Increasing	FALSE
700408	Methane	2	5	0.408	Increasing	FALSE
700408	Mg	4	4	0.167	Increasing	FALSE
700408	Na	0	4	0.625	No Trend	FALSE
700408	pH, Lab	-2	4	0.375	Decreasing	FALSE
700408	SO4	4	4	0.167	Increasing	FALSE
700408	TDS	0	4	0.625	No Trend	FALSE
700410	Ca	1	5	0.5	Increasing	FALSE
700410	Cl	-2	4	0.375	Decreasing	FALSE
700410	K	2	5	0.408	Increasing	FALSE
700410	Methane	0	6	-8888	No Trend	TRUE
700410	Mg	0	5	0.592	No Trend	FALSE
700410	Na	4	5	0.242	Increasing	FALSE
700410	pH, Lab	-10	5	0.008	Decreasing	TRUE
700410	SO4	-8	5	0.042	Decreasing	TRUE
700410	TDS	-6	5	0.117	Decreasing	FALSE
700412	ALK, Total	2	4	0.375	Increasing	FALSE
700412	Ca	5	6	0.235	Increasing	FALSE
700412	Cl	-4	5	0.242	Decreasing	FALSE
700412	CO3	0	5	0.592	No Trend	FALSE
700412	HCO3	6	5	0.117	Increasing	FALSE
700412	K	8	6	0.102	Increasing	FALSE
700412	Methane	0	7	-8888	No Trend	TRUE
700412	Mg	5	6	0.235	Increasing	FALSE
700412	Na	-5	6	0.235	Decreasing	FALSE
700412	pH, Lab	3	6	0.36	Increasing	FALSE
700412	SO4	10	6	0.048	Increasing	TRUE
700412	TDS	7	6	0.136	Increasing	FALSE
700416	Ca	2	4	0.375	Increasing	FALSE
700416	Cl	1	4	0.5	Increasing	FALSE
700416	CO3	0	4	0.625	No Trend	FALSE
700416	HCO3	-4	4	0.167	Decreasing	FALSE
700416	K	-3	4	0.271	Decreasing	FALSE
700416	Methane	-5	5	0.18	Decreasing	FALSE
700416	Mg	4	4	0.167	Increasing	FALSE
700416	Na	-4	4	0.167	Decreasing	FALSE
700416	pH, Lab	-2	4	0.375	Decreasing	FALSE
700416	SO4	-2	4	0.375	Decreasing	FALSE
700416	TDS	-6	4	0.042	Decreasing	TRUE

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Well ID	Analyte	S	N	Probability	Trend	Significance
700417	Methane	4	4	0.167	Increasing	FALSE
700420	ALK, Total	0	4	0.625	No Trend	FALSE
700420	Ca	0	5	0.592	No Trend	FALSE
700420	Cl	1	4	0.5	Increasing	FALSE
700420	CO3	0	4	0.625	No Trend	FALSE
700420	HCO3	0	4	0.625	No Trend	FALSE
700420	K	2	5	0.408	Increasing	FALSE
700420	Methane	1	6	0.5	Increasing	FALSE
700420	Mg	0	5	0.592	No Trend	FALSE
700420	Na	4	5	0.242	Increasing	FALSE
700420	pH, Lab	-4	5	0.242	Decreasing	FALSE
700420	SO4	3	5	0.325	Increasing	FALSE
700420	TDS	4	5	0.242	Increasing	FALSE
700423	Methane	2	4	0.375	Increasing	FALSE
700426	ALK, Total	0	4	0.625	No Trend	FALSE
700426	Ca	-2	4	0.375	Decreasing	FALSE
700426	CO3	-3	4	0.271	Decreasing	FALSE
700426	HCO3	2	4	0.375	Increasing	FALSE
700426	K	-1	4	0.5	Decreasing	FALSE
700426	Methane	0	6	-8888	No Trend	TRUE
700426	Mg	-2	4	0.375	Decreasing	FALSE
700426	Na	-2	4	0.375	Decreasing	FALSE
700426	pH, Lab	-2	4	0.375	Decreasing	FALSE
700426	SO4	-1	4	0.5	Decreasing	FALSE
700426	TDS	-2	4	0.375	Decreasing	FALSE
700428	Ca	0	4	0.625	No Trend	FALSE
700428	Cl	-4	4	0.167	Decreasing	FALSE
700428	K	-1	4	0.5	Decreasing	FALSE
700428	Methane	0	5	0.592	No Trend	FALSE
700428	Mg	0	4	0.625	No Trend	FALSE
700428	Na	-4	4	0.167	Decreasing	FALSE
700428	pH, Lab	0	4	0.625	No Trend	FALSE
700428	SO4	-2	4	0.375	Decreasing	FALSE
700428	TDS	2	4	0.375	Increasing	FALSE
700431	Methane	0	4	0.625	No Trend	FALSE
700432	Ca	1	5	0.5	Increasing	FALSE
700432	Cl	5	5	0.18	Increasing	FALSE
700432	K	0	5	0.592	No Trend	FALSE
700432	Methane	-10	6	0.048	Decreasing	TRUE
700432	Mg	0	5	0.592	No Trend	FALSE
700432	Na	0	5	0.592	No Trend	FALSE
700432	pH, Lab	-6	5	0.117	Decreasing	FALSE
700432	SO4	6	5	0.117	Increasing	FALSE
700432	TDS	1	5	0.5	Increasing	FALSE
700434	Ca	2	4	0.375	Increasing	FALSE
700434	K	-1	4	0.5	Decreasing	FALSE
700434	Methane	-7	6	0.136	Decreasing	FALSE
700434	Mg	2	4	0.375	Increasing	FALSE
700434	Na	-4	4	0.167	Decreasing	FALSE
700434	pH, Lab	2	4	0.375	Increasing	FALSE
700434	SO4	0	4	0.625	No Trend	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
700434	TDS	-2	4	0.375	Decreasing	FALSE
700435	Ca	-6	4	0.042	Decreasing	TRUE
700435	K	3	4	0.271	Increasing	FALSE
700435	Methane	4	5	0.242	Increasing	FALSE
700435	Mg	1	4	0.5	Increasing	FALSE
700435	Na	-4	4	0.167	Decreasing	FALSE
700435	pH, Lab	0	4	0.625	No Trend	FALSE
700435	SO4	-3	4	0.271	Decreasing	FALSE
700435	TDS	-4	4	0.167	Decreasing	FALSE
700439	ALK, Total	-2	4	0.375	Decreasing	FALSE
700439	Ca	2	4	0.375	Increasing	FALSE
700439	Cl	-5	4	0.105	Decreasing	FALSE
700439	HCO3	-2	4	0.375	Decreasing	FALSE
700439	K	-3	4	0.271	Decreasing	FALSE
700439	Methane	-8	6	0.102	Decreasing	FALSE
700439	Mg	-1	4	0.5	Decreasing	FALSE
700439	Na	-4	4	0.167	Decreasing	FALSE
700439	pH, Lab	2	4	0.375	Increasing	FALSE
700439	SO4	-4	4	0.167	Decreasing	FALSE
700439	TDS	-6	4	0.042	Decreasing	TRUE
700441	Ca	-13	9	0.11	Decreasing	FALSE
700441	Cl	-2	9	0.46	Decreasing	FALSE
700441	CO3	0	4	0.625	No Trend	FALSE
700441	HCO3	1	4	0.5	Increasing	FALSE
700441	K	-9	9	0.209	Decreasing	FALSE
700441	Methane	-8	10	0.271	Decreasing	FALSE
700441	Mg	-18	9	0.038	Decreasing	TRUE
700441	Na	16	9	0.06	Increasing	FALSE
700441	pH, Lab	18	9	0.038	Increasing	TRUE
700441	SO4	-7	9	0.272	Decreasing	FALSE
700441	TDS	-3	9	0.421	Decreasing	FALSE
700442	Ca	0	4	0.625	No Trend	FALSE
700442	K	5	4	0.105	Increasing	FALSE
700442	Methane	0	5	0.592	No Trend	FALSE
700442	Mg	-2	4	0.375	Decreasing	FALSE
700442	Na	-2	4	0.375	Decreasing	FALSE
700442	pH, Lab	2	4	0.375	Increasing	FALSE
700442	SO4	0	4	0.625	No Trend	FALSE
700442	TDS	0	4	0.625	No Trend	FALSE
700443	Ca	3	6	0.36	Increasing	FALSE
700443	Cl	2	6	0.43	Increasing	FALSE
700443	K	0	6	-8888	No Trend	TRUE
700443	Methane	-11	7	0.068	Decreasing	FALSE
700443	Mg	4	6	0.298	Increasing	FALSE
700443	Na	-7	6	0.136	Decreasing	FALSE
700443	pH, Lab	-11	6	0.028	Decreasing	TRUE
700443	SO4	-2	6	0.43	Decreasing	FALSE
700443	TDS	1	6	0.5	Increasing	FALSE
700459	Ca	0	4	0.625	No Trend	FALSE
700459	Cl	-5	4	0.105	Decreasing	FALSE
700459	K	-1	4	0.5	Decreasing	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
700459	Methane	0	5	0.592	No Trend	FALSE
700459	Mg	0	4	0.625	No Trend	FALSE
700459	Na	0	4	0.625	No Trend	FALSE
700459	pH, Lab	-2	4	0.375	Decreasing	FALSE
700459	SO4	-6	4	0.042	Decreasing	TRUE
700459	TDS	0	4	0.625	No Trend	FALSE
700462	Methane	1	4	0.5	Increasing	FALSE
700467	Ca	1	7	0.5	Increasing	FALSE
700467	Cl	-5	7	0.281	Decreasing	FALSE
700467	HCO3	2	4	0.375	Increasing	FALSE
700467	K	6	7	0.236	Increasing	FALSE
700467	Methane	-7	21	0.429	Decreasing	FALSE
700467	Mg	5	7	0.281	Increasing	FALSE
700467	Na	-7	7	0.191	Decreasing	FALSE
700467	pH, Lab	-10	6	0.048	Decreasing	TRUE
700467	SO4	-3	7	0.386	Decreasing	FALSE
700467	TDS	-4	5	0.242	Decreasing	FALSE
700469	Methane	1	8	0.5	Increasing	FALSE
700470	Methane	5	6	0.235	Increasing	FALSE
700473	Ca	-13	9	0.11	Decreasing	FALSE
700473	Cl	-11	9	0.155	Decreasing	FALSE
700473	HCO3	-2	4	0.375	Decreasing	FALSE
700473	K	3	9	0.421	Increasing	FALSE
700473	Methane	-13	22	0.369	Decreasing	FALSE
700473	Mg	-19	9	0.03	Decreasing	TRUE
700473	Na	-26	9	0.003	Decreasing	TRUE
700473	pH, Lab	-4	9	0.381	Decreasing	FALSE
700473	SO4	-30	9	-9999	Decreasing	TRUE
700473	TDS	-25	8	0.001	Decreasing	TRUE
700475	Ca	5	6	0.235	Increasing	FALSE
700475	Cl	4	6	0.298	Increasing	FALSE
700475	K	3	6	0.36	Increasing	FALSE
700475	Methane	-10	16	0.345	Decreasing	FALSE
700475	Mg	3	6	0.36	Increasing	FALSE
700475	Na	5	6	0.235	Increasing	FALSE
700475	pH, Lab	-4	6	0.298	Decreasing	FALSE
700475	SO4	6	6	0.186	Increasing	FALSE
700475	TDS	1	6	0.5	Increasing	FALSE
700476	Ca	2	5	0.408	Increasing	FALSE
700476	Cl	-3	5	0.325	Decreasing	FALSE
700476	K	5	5	0.18	Increasing	FALSE
700476	Methane	2	14	0.479	Increasing	FALSE
700476	Mg	2	5	0.408	Increasing	FALSE
700476	Na	2	5	0.408	Increasing	FALSE
700476	pH, Lab	-9	5	0.025	Decreasing	TRUE
700476	SO4	2	5	0.408	Increasing	FALSE
700476	TDS	-1	5	0.5	Decreasing	FALSE
700477	Methane	0	4	0.625	No Trend	FALSE
700478	Ca	-1	6	0.5	Decreasing	FALSE
700478	Cl	0	6	-8888	No Trend	TRUE
700478	CO3	0	4	0.625	No Trend	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
700478	HCO3	0	4	0.625	No Trend	FALSE
700478	K	-9	6	0.068	Decreasing	FALSE
700478	Methane	0	7	-8888	No Trend	TRUE
700478	Mg	-1	6	0.5	Decreasing	FALSE
700478	Na	8	6	0.102	Increasing	FALSE
700478	pH, Lab	-2	6	0.43	Decreasing	FALSE
700478	SO4	1	6	0.5	Increasing	FALSE
700478	TDS	-5	6	0.235	Decreasing	FALSE
700480	ALK, Total	-4	5	0.242	Decreasing	FALSE
700480	Ca	-11	7	0.068	Decreasing	FALSE
700480	Cl	-9	8	0.169	Decreasing	FALSE
700480	CO3	0	5	0.592	No Trend	FALSE
700480	HCO3	-4	5	0.242	Decreasing	FALSE
700480	K	0	7	-8888	No Trend	TRUE
700480	Methane	-8	9	0.238	Decreasing	FALSE
700480	Mg	-7	7	0.191	Decreasing	FALSE
700480	Na	-19	7	0.001	Decreasing	TRUE
700480	pH, Lab	1	8	0.5	Increasing	FALSE
700480	SO4	-13	8	0.072	Decreasing	FALSE
700480	TDS	-17	8	0.024	Decreasing	TRUE
700481	Ca	2	5	0.408	Increasing	FALSE
700481	Cl	0	5	0.592	No Trend	FALSE
700481	K	-3	5	0.325	Decreasing	FALSE
700481	Methane	-1	6	0.5	Decreasing	FALSE
700481	Mg	3	5	0.325	Increasing	FALSE
700481	Na	-9	5	0.025	Decreasing	TRUE
700481	pH, Lab	-2	5	0.408	Decreasing	FALSE
700481	SO4	-7	5	0.08	Decreasing	FALSE
700481	TDS	6	5	0.117	Increasing	FALSE
700483	ALK, Total	1	5	0.5	Increasing	FALSE
700483	Ca	10	6	0.048	Increasing	TRUE
700483	Cl	14	6	0.005	Increasing	TRUE
700483	CO3	0	6	-8888	No Trend	TRUE
700483	HCO3	4	6	0.298	Increasing	FALSE
700483	K	9	6	0.068	Increasing	FALSE
700483	Methane	0	7	-8888	No Trend	TRUE
700483	Mg	8	6	0.102	Increasing	FALSE
700483	Na	8	6	0.102	Increasing	FALSE
700483	pH, Lab	-8	6	0.102	Decreasing	FALSE
700483	SO4	2	6	0.43	Increasing	FALSE
700483	TDS	6	6	0.186	Increasing	FALSE
700484	Ca	-3	4	0.271	Decreasing	FALSE
700484	Cl	-2	4	0.375	Decreasing	FALSE
700484	K	-3	4	0.271	Decreasing	FALSE
700484	Methane	2	5	0.408	Increasing	FALSE
700484	Mg	-3	4	0.271	Decreasing	FALSE
700484	Na	0	4	0.625	No Trend	FALSE
700484	pH, Lab	-5	4	0.105	Decreasing	FALSE
700484	SO4	-2	4	0.375	Decreasing	FALSE
700484	TDS	-6	4	0.042	Decreasing	TRUE
700486	Methane	-2	4	0.375	Decreasing	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
700489	Ca	5	6	0.235	Increasing	FALSE
700489	Cl	-3	6	0.36	Decreasing	FALSE
700489	K	6	6	0.186	Increasing	FALSE
700489	Methane	-33	18	0.112	Decreasing	FALSE
700489	Mg	-2	6	0.43	Decreasing	FALSE
700489	Na	-5	6	0.235	Decreasing	FALSE
700489	pH, Lab	-1	6	0.5	Decreasing	FALSE
700489	SO4	-5	6	0.235	Decreasing	FALSE
700489	TDS	-2	6	0.43	Decreasing	FALSE
700494	Ca	1	6	0.5	Increasing	FALSE
700494	Cl	10	5	0.008	Increasing	TRUE
700494	K	-1	6	0.5	Decreasing	FALSE
700494	Methane	10	7	0.094	Increasing	FALSE
700494	Mg	0	6	-8888	No Trend	TRUE
700494	Na	1	6	0.5	Increasing	FALSE
700494	pH, Lab	7	6	0.136	Increasing	FALSE
700494	SO4	-2	6	0.43	Decreasing	FALSE
700494	TDS	-9	6	0.068	Decreasing	FALSE
700496	Ca	-4	4	0.167	Decreasing	FALSE
700496	K	0	4	0.625	No Trend	FALSE
700496	Methane	-4	5	0.242	Decreasing	FALSE
700496	Mg	-2	4	0.375	Decreasing	FALSE
700496	Na	0	4	0.625	No Trend	FALSE
700496	pH, Lab	-2	4	0.375	Decreasing	FALSE
700496	SO4	-3	4	0.271	Decreasing	FALSE
700496	TDS	1	4	0.5	Increasing	FALSE
700500	Ca	27	10	0.008	Increasing	TRUE
700500	Cl	-17	10	0.078	Decreasing	FALSE
700500	HCO3	2	4	0.375	Increasing	FALSE
700500	K	21	10	0.036	Increasing	TRUE
700500	Methane	-90	25	0.018	Decreasing	TRUE
700500	Mg	3	10	0.431	Increasing	FALSE
700500	Na	-23	10	0.023	Decreasing	TRUE
700500	pH, Lab	-4	9	0.381	Decreasing	FALSE
700500	SO4	9	10	0.242	Increasing	FALSE
700500	TDS	-11	8	0.114	Decreasing	FALSE
700502	Ca	2	4	0.375	Increasing	FALSE
700502	Cl	6	4	0.042	Increasing	TRUE
700502	K	5	4	0.105	Increasing	FALSE
700502	Methane	1	5	0.5	Increasing	FALSE
700502	Mg	1	4	0.5	Increasing	FALSE
700502	Na	2	4	0.375	Increasing	FALSE
700502	pH, Lab	4	4	0.167	Increasing	FALSE
700502	SO4	-2	4	0.375	Decreasing	FALSE
700502	TDS	-2	4	0.375	Decreasing	FALSE
700503	Ca	18	8	0.016	Increasing	TRUE
700503	Cl	3	6	0.36	Increasing	FALSE
700503	K	22	8	0.002	Increasing	TRUE
700503	Mg	20	8	0.007	Increasing	TRUE
700503	Methane	-59	20	0.03	Decreasing	TRUE
700503	Na	6	8	0.274	Increasing	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
700503	pH, Lab	-8	8	0.199	Decreasing	FALSE
700503	SO4	0	8	0.548	No Trend	FALSE
700503	TDS	17	8	0.024	Increasing	TRUE
700505	Ca	4	4	0.167	Increasing	FALSE
700505	Cl	-4	4	0.167	Decreasing	FALSE
700505	K	0	4	0.625	No Trend	FALSE
700505	Methane	0	5	0.592	No Trend	FALSE
700505	Mg	4	4	0.167	Increasing	FALSE
700505	Na	-4	4	0.167	Decreasing	FALSE
700505	pH, Lab	-5	4	0.105	Decreasing	FALSE
700505	SO4	0	4	0.625	No Trend	FALSE
700505	TDS	0	4	0.625	No Trend	FALSE
700506	Ca	-5	6	0.235	Decreasing	FALSE
700506	Cl	0	6	-8888	No Trend	TRUE
700506	K	4	6	0.298	Increasing	FALSE
700506	Methane	-11	17	0.343	Decreasing	FALSE
700506	Mg	-2	6	0.43	Decreasing	FALSE
700506	Na	-3	6	0.36	Decreasing	FALSE
700506	pH, Lab	-3	6	0.36	Decreasing	FALSE
700506	SO4	-5	6	0.235	Decreasing	FALSE
700506	TDS	-8	6	0.102	Decreasing	FALSE
700507	Ca	6	5	0.117	Increasing	FALSE
700507	Cl	-1	5	0.5	Decreasing	FALSE
700507	K	6	5	0.117	Increasing	FALSE
700507	Methane	-23	16	0.164	Decreasing	FALSE
700507	Mg	8	5	0.042	Increasing	TRUE
700507	Na	-3	5	0.325	Decreasing	FALSE
700507	pH, Lab	-8	5	0.042	Decreasing	TRUE
700507	SO4	0	5	0.592	No Trend	FALSE
700507	TDS	0	6	-8888	No Trend	TRUE
700514	ALK, Total	0	4	0.625	No Trend	FALSE
700514	Ca	-7	6	0.136	Decreasing	FALSE
700514	Cl	-1	5	0.5	Decreasing	FALSE
700514	CO3	-3	4	0.271	Decreasing	FALSE
700514	HCO3	2	4	0.375	Increasing	FALSE
700514	K	-13	6	0.008	Decreasing	TRUE
700514	Methane	-7	8	0.237	Decreasing	FALSE
700514	Mg	-6	6	0.186	Decreasing	FALSE
700514	Na	3	6	0.36	Increasing	FALSE
700514	pH, Lab	-3	6	0.36	Decreasing	FALSE
700514	SO4	9	6	0.068	Increasing	FALSE
700514	TDS	6	6	0.186	Increasing	FALSE
700515	ALK, Total	4	4	0.167	Increasing	FALSE
700515	Ca	-6	5	0.117	Decreasing	FALSE
700515	Cl	-2	5	0.408	Decreasing	FALSE
700515	K	-1	5	0.5	Decreasing	FALSE
700515	Methane	-6	7	0.236	Decreasing	FALSE
700515	Mg	-4	5	0.242	Decreasing	FALSE
700515	Na	2	5	0.408	Increasing	FALSE
700515	pH, Lab	-2	5	0.408	Decreasing	FALSE
700515	SO4	0	5	0.592	No Trend	FALSE



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Well ID	Analyte	S	N	Probability	Trend	Significance
700515	TDS	5	5	0.18	Increasing	FALSE
700516	Methane	-4	5	0.242	Decreasing	FALSE
700518	Ca	2	4	0.375	Increasing	FALSE
700518	Cl	3	4	0.271	Increasing	FALSE
700518	K	4	4	0.167	Increasing	FALSE
700518	Methane	-4	5	0.242	Decreasing	FALSE
700518	Mg	4	4	0.167	Increasing	FALSE
700518	Na	-4	4	0.167	Decreasing	FALSE
700518	pH, Lab	-2	4	0.375	Decreasing	FALSE
700518	SO4	-2	4	0.375	Decreasing	FALSE
700518	TDS	2	4	0.375	Increasing	FALSE
700521	Ca	-1	6	0.5	Decreasing	FALSE
700521	Cl	4	6	0.298	Increasing	FALSE
700521	CO3	0	5	0.592	No Trend	FALSE
700521	HCO3	-6	4	0.042	Decreasing	TRUE
700521	K	0	6	-8888	No Trend	TRUE
700521	Methane	-2	7	0.443	Decreasing	FALSE
700521	Mg	-1	6	0.5	Decreasing	FALSE
700521	Na	-1	6	0.5	Decreasing	FALSE
700521	pH, Lab	-8	6	0.102	Decreasing	FALSE
700521	SO4	-7	6	0.136	Decreasing	FALSE
700521	TDS	-6	6	0.186	Decreasing	FALSE
700531	Methane	3	9	0.421	Increasing	FALSE
700532	Methane	5	6	0.235	Increasing	FALSE
700534	Methane	0	4	0.625	No Trend	FALSE
700535	Methane	0	6	-8888	No Trend	TRUE
700537	Methane	6	4	0.042	Increasing	TRUE
700540	Ca	-10	6	0.048	Decreasing	TRUE
700540	Cl	-8	6	0.102	Decreasing	FALSE
700540	K	-1	6	0.5	Decreasing	FALSE
700540	Methane	-3	7	0.386	Decreasing	FALSE
700540	Mg	-5	6	0.235	Decreasing	FALSE
700540	Na	-3	6	0.36	Decreasing	FALSE
700540	pH, Lab	-1	5	0.5	Decreasing	FALSE
700540	SO4	5	6	0.235	Increasing	FALSE
700540	TDS	-1	6	0.5	Decreasing	FALSE
700543	Methane	10	5	0.008	Increasing	TRUE
701603	ALK, Total	0	4	0.625	No Trend	FALSE
701603	Ca	0	4	0.625	No Trend	FALSE
701603	K	0	4	0.625	No Trend	FALSE
701603	Methane	0	4	0.625	No Trend	FALSE
701603	Mg	0	4	0.625	No Trend	FALSE
701603	Na	4	4	0.167	Increasing	FALSE
701603	pH, Lab	2	4	0.375	Increasing	FALSE
701603	SO4	-4	4	0.167	Decreasing	FALSE
701603	TDS	-4	4	0.167	Decreasing	FALSE
701604	ALK, Total	-4	4	0.167	Decreasing	FALSE
701604	Ca	-2	4	0.375	Decreasing	FALSE
701604	Cl	-1	4	0.5	Decreasing	FALSE
701604	HCO3	-6	4	0.042	Decreasing	TRUE
701604	K	1	4	0.5	Increasing	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
701604	Methane	-4	4	0.167	Decreasing	FALSE
701604	Mg	0	4	0.625	No Trend	FALSE
701604	Na	-5	4	0.105	Decreasing	FALSE
701604	pH, Lab	4	4	0.167	Increasing	FALSE
701604	SO4	-3	4	0.271	Decreasing	FALSE
701604	TDS	-2	4	0.375	Decreasing	FALSE
701605	ALK, Total	-7	5	0.08	Decreasing	FALSE
701605	Ca	-2	5	0.408	Decreasing	FALSE
701605	Cl	-2	5	0.408	Decreasing	FALSE
701605	HCO3	-10	5	0.008	Decreasing	TRUE
701605	K	-2	5	0.408	Decreasing	FALSE
701605	Methane	0	4	0.625	No Trend	FALSE
701605	Mg	2	5	0.408	Increasing	FALSE
701605	Na	-6	5	0.117	Decreasing	FALSE
701605	pH, Lab	-1	5	0.5	Decreasing	FALSE
701605	SO4	-8	5	0.042	Decreasing	TRUE
701605	TDS	2	5	0.408	Increasing	FALSE
701608	ALK, Total	-6	4	0.042	Decreasing	TRUE
701608	Ca	0	4	0.625	No Trend	FALSE
701608	Cl	-1	4	0.5	Decreasing	FALSE
701608	K	-3	4	0.271	Decreasing	FALSE
701608	Methane	2	5	0.408	Increasing	FALSE
701608	Mg	1	4	0.5	Increasing	FALSE
701608	Na	2	4	0.375	Increasing	FALSE
701608	pH, Lab	0	4	0.625	No Trend	FALSE
701608	SO4	-3	4	0.271	Decreasing	FALSE
701608	TDS	-4	4	0.167	Decreasing	FALSE
701609	ALK, Total	5	4	0.105	Increasing	FALSE
701609	Ca	-4	5	0.242	Decreasing	FALSE
701609	Cl	-6	4	0.042	Decreasing	TRUE
701609	K	2	5	0.408	Increasing	FALSE
701609	Methane	-1	5	0.5	Decreasing	FALSE
701609	Mg	0	5	0.592	No Trend	FALSE
701609	Na	0	5	0.592	No Trend	FALSE
701609	pH, Lab	4	5	0.242	Increasing	FALSE
701609	SO4	0	5	0.592	No Trend	FALSE
701609	TDS	-6	5	0.117	Decreasing	FALSE
701610	Methane	-7	6	0.136	Decreasing	FALSE
701612	Methane	0	4	0.625	No Trend	FALSE
701614	ALK, Total	-2	4	0.375	Decreasing	FALSE
701614	Ca	2	4	0.375	Increasing	FALSE
701614	HCO3	-4	4	0.167	Decreasing	FALSE
701614	K	0	4	0.625	No Trend	FALSE
701614	Methane	0	4	0.625	No Trend	FALSE
701614	Mg	-6	4	0.042	Decreasing	TRUE
701614	Na	0	4	0.625	No Trend	FALSE
701614	pH, Lab	-2	4	0.375	Decreasing	FALSE
701614	SO4	-6	4	0.042	Decreasing	TRUE
701614	TDS	-5	4	0.105	Decreasing	FALSE
701615	ALK, Total	6	4	0.042	Increasing	TRUE
701615	Ca	-2	5	0.408	Decreasing	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
701615	Cl	-4	4	0.167	Decreasing	FALSE
701615	K	0	5	0.592	No Trend	FALSE
701615	Methane	1	6	0.5	Increasing	FALSE
701615	Mg	4	5	0.242	Increasing	FALSE
701615	Na	-2	5	0.408	Decreasing	FALSE
701615	pH, Lab	-6	5	0.117	Decreasing	FALSE
701615	SO4	-4	5	0.242	Decreasing	FALSE
701615	TDS	-8	5	0.042	Decreasing	TRUE
701616	ALK, Total	-1	4	0.5	Decreasing	FALSE
701616	Ca	-1	4	0.5	Decreasing	FALSE
701616	Cl	-5	4	0.105	Decreasing	FALSE
701616	K	-4	4	0.167	Decreasing	FALSE
701616	Methane	-2	5	0.408	Decreasing	FALSE
701616	Mg	-1	4	0.5	Decreasing	FALSE
701616	Na	-1	4	0.5	Decreasing	FALSE
701616	pH, Lab	-1	4	0.5	Decreasing	FALSE
701616	SO4	-5	4	0.105	Decreasing	FALSE
701616	TDS	-4	4	0.167	Decreasing	FALSE
701622	ALK, Total	3	4	0.271	Increasing	FALSE
701622	Ca	15	7	0.015	Increasing	TRUE
701622	Cl	12	6	0.018	Increasing	TRUE
701622	CO3	-1	6	0.5	Decreasing	FALSE
701622	HCO3	3	6	0.36	Increasing	FALSE
701622	K	5	6	0.235	Increasing	FALSE
701622	Methane	0	5	0.592	No Trend	FALSE
701622	Mg	-4	7	0.334	Decreasing	FALSE
701622	Na	13	7	0.035	Increasing	TRUE
701622	pH, Lab	9	7	0.119	Increasing	FALSE
701622	SO4	0	7	-8888	No Trend	TRUE
701622	TDS	-8	7	0.155	Decreasing	FALSE
701625	ALK, Total	-9	5	0.025	Decreasing	TRUE
701625	Ca	-7	5	0.08	Decreasing	FALSE
701625	Cl	-3	4	0.271	Decreasing	FALSE
701625	CO3	1	5	0.5	Increasing	FALSE
701625	HCO3	-5	5	0.18	Decreasing	FALSE
701625	K	-5	5	0.18	Decreasing	FALSE
701625	Methane	0	4	0.625	No Trend	FALSE
701625	Mg	0	5	0.592	No Trend	FALSE
701625	Na	-8	5	0.042	Decreasing	TRUE
701625	pH, Lab	-4	5	0.242	Decreasing	FALSE
701625	SO4	0	5	0.592	No Trend	FALSE
701625	TDS	-4	5	0.242	Decreasing	FALSE
701626	Ca	-4	5	0.242	Decreasing	FALSE
701626	Cl	3	5	0.325	Increasing	FALSE
701626	K	0	5	0.592	No Trend	FALSE
701626	Methane	-4	5	0.242	Decreasing	FALSE
701626	Mg	-8	5	0.042	Decreasing	TRUE
701626	Na	8	5	0.042	Increasing	TRUE
701626	pH, Lab	8	5	0.042	Increasing	TRUE
701626	SO4	6	5	0.117	Increasing	FALSE
701626	TDS	4	5	0.242	Increasing	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
701786	Ca	3	4	0.271	Increasing	FALSE
701786	Cl	0	4	0.625	No Trend	FALSE
701786	K	3	4	0.271	Increasing	FALSE
701786	Methane	7	6	0.136	Increasing	FALSE
701786	Mg	0	4	0.625	No Trend	FALSE
701786	Na	4	4	0.167	Increasing	FALSE
701786	pH, Lab	0	4	0.625	No Trend	FALSE
701786	SO4	-2	4	0.375	Decreasing	FALSE
701786	TDS	0	4	0.625	No Trend	FALSE
701788	Methane	-10	7	0.094	Decreasing	FALSE
701790	Methane	-3	5	0.325	Decreasing	FALSE
701792	Methane	6	9	0.306	Increasing	FALSE
701792	TDS	6	4	0.042	Increasing	TRUE
701793	Methane	3	11	0.44	Increasing	FALSE
701793	Na	-4	4	0.167	Decreasing	FALSE
701793	pH, Lab	6	4	0.042	Increasing	TRUE
701793	TDS	2	4	0.375	Increasing	FALSE
701796	Methane	1	6	0.5	Increasing	FALSE
701798	Ca	-2	4	0.375	Decreasing	FALSE
701798	Cl	-3	4	0.271	Decreasing	FALSE
701798	K	3	4	0.271	Increasing	FALSE
701798	Methane	-7	10	0.3	Decreasing	FALSE
701798	Mg	0	4	0.625	No Trend	FALSE
701798	Na	-2	4	0.375	Decreasing	FALSE
701798	SO4	-3	4	0.271	Decreasing	FALSE
701801	Ca	0	8	0.548	No Trend	FALSE
701801	Cl	5	8	0.317	Increasing	FALSE
701801	CO3	0	4	0.625	No Trend	FALSE
701801	HCO3	0	4	0.625	No Trend	FALSE
701801	K	3	8	0.406	Increasing	FALSE
701801	Methane	-66	19	0.011	Decreasing	TRUE
701801	Mg	10	8	0.138	Increasing	FALSE
701801	Na	0	8	0.548	No Trend	FALSE
701801	pH, Lab	-3	8	0.406	Decreasing	FALSE
701801	SO4	-4	8	0.36	Decreasing	FALSE
701801	TDS	-6	8	0.274	Decreasing	FALSE
701802	Ca	0	4	0.625	No Trend	FALSE
701802	K	-4	4	0.167	Decreasing	FALSE
701802	Methane	-8	10	0.271	Decreasing	FALSE
701802	Mg	-3	4	0.271	Decreasing	FALSE
701802	Na	-5	4	0.105	Decreasing	FALSE
701802	pH, Lab	-6	4	0.042	Decreasing	TRUE
701802	SO4	-6	4	0.042	Decreasing	TRUE
701802	TDS	-4	4	0.167	Decreasing	FALSE
701803	Ca	7	7	0.191	Increasing	FALSE
701803	Cl	-7	7	0.191	Decreasing	FALSE
701803	HCO3	6	4	0.042	Increasing	TRUE
701803	K	14	7	0.025	Increasing	TRUE
701803	Methane	-95	22	0.003	Decreasing	TRUE
701803	Mg	17	7	0.005	Increasing	TRUE
701803	Na	11	7	0.068	Increasing	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
701803	pH, Lab	-1	7	0.5	Decreasing	FALSE
701803	SO4	11	7	0.068	Increasing	FALSE
701803	TDS	10	7	0.094	Increasing	FALSE
701805	Methane	1	4	0.5	Increasing	FALSE
701806	Methane	6	4	0.042	Increasing	TRUE
701807	Methane	-9	6	0.068	Decreasing	FALSE
701808	Methane	4	5	0.242	Increasing	FALSE
701810	Ca	-2	4	0.375	Decreasing	FALSE
701810	Cl	0	4	0.625	No Trend	FALSE
701810	K	-2	4	0.375	Decreasing	FALSE
701810	Methane	-4	8	0.36	Decreasing	FALSE
701810	Mg	-3	4	0.271	Decreasing	FALSE
701810	Na	2	4	0.375	Increasing	FALSE
701810	pH, Lab	-2	4	0.375	Decreasing	FALSE
701810	SO4	0	4	0.625	No Trend	FALSE
701810	TDS	-2	4	0.375	Decreasing	FALSE
701811	ALK, Total	-10	6	0.048	Decreasing	TRUE
701811	Ca	-1	9	0.5	Decreasing	FALSE
701811	Cl	-10	9	0.179	Decreasing	FALSE
701811	CO3	1	5	0.5	Increasing	FALSE
701811	HCO3	-7	5	0.08	Decreasing	FALSE
701811	K	-12	9	0.13	Decreasing	FALSE
701811	Methane	20	11	0.071	Increasing	FALSE
701811	Mg	-9	9	0.209	Decreasing	FALSE
701811	Na	-3	9	0.421	Decreasing	FALSE
701811	pH, Lab	0	9	0.54	No Trend	FALSE
701811	SO4	-9	9	0.209	Decreasing	FALSE
701811	TDS	-9	8	0.169	Decreasing	FALSE
701813	Methane	-3	6	0.36	Decreasing	FALSE
701814	Ca	-7	5	0.08	Decreasing	FALSE
701814	Cl	-3	5	0.325	Decreasing	FALSE
701814	CO3	-4	4	0.167	Decreasing	FALSE
701814	HCO3	-2	4	0.375	Decreasing	FALSE
701814	K	-7	5	0.08	Decreasing	FALSE
701814	Methane	-11	6	0.028	Decreasing	TRUE
701814	Mg	-2	5	0.408	Decreasing	FALSE
701814	Na	-3	5	0.325	Decreasing	FALSE
701814	pH, Lab	-1	5	0.5	Decreasing	FALSE
701814	SO4	-3	5	0.325	Decreasing	FALSE
701814	TDS	-9	5	0.025	Decreasing	TRUE
701818	Methane	-2	4	0.375	Decreasing	FALSE
701819	Ca	0	8	0.548	No Trend	FALSE
701819	Cl	-8	8	0.199	Decreasing	FALSE
701819	K	-6	8	0.274	Decreasing	FALSE
701819	Methane	-12	11	0.201	Decreasing	FALSE
701819	Mg	-1	8	0.5	Decreasing	FALSE
701819	Na	5	8	0.317	Increasing	FALSE
701819	pH, Lab	-12	6	0.018	Decreasing	TRUE
701819	SO4	-9	8	0.169	Decreasing	FALSE
701819	TDS	7	8	0.237	Increasing	FALSE
701820	Methane	-4	4	0.167	Decreasing	FALSE

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<b>Well ID</b>	<b>Analyte</b>	<b>S</b>	<b>N</b>	<b>Probability</b>	<b>Trend</b>	<b>Significance</b>
701821	Ca	5	6	0.235	Increasing	FALSE
701821	Cl	0	6	-8888	No Trend	TRUE
701821	CO3	-9	6	0.068	Decreasing	FALSE
701821	HCO3	6	6	0.186	Increasing	FALSE
701821	K	0	6	-8888	No Trend	TRUE
701821	Methane	7	7	0.191	Increasing	FALSE
701821	Mg	0	6	-8888	No Trend	TRUE
701821	Na	10	6	0.048	Increasing	TRUE
701821	pH, Lab	-2	6	0.43	Decreasing	FALSE
701821	SO4	-7	6	0.136	Decreasing	FALSE
701821	TDS	-10	6	0.048	Decreasing	TRUE
701824	Methane	1	10	0.5	Increasing	FALSE
701824	TDS	-2	4	0.375	Decreasing	FALSE
701825	Methane	-4	4	0.167	Decreasing	FALSE
701826	Methane	-3	6	0.36	Decreasing	FALSE
701833	Ca	6	5	0.117	Increasing	FALSE
701833	Cl	4	5	0.242	Increasing	FALSE
701833	K	8	5	0.042	Increasing	TRUE
701833	Methane	-7	17	0.404	Decreasing	FALSE
701833	Mg	2	5	0.408	Increasing	FALSE
701833	Na	0	5	0.592	No Trend	FALSE
701833	pH, Lab	-6	5	0.117	Decreasing	FALSE
701833	SO4	0	5	0.592	No Trend	FALSE
701833	TDS	2	5	0.408	Increasing	FALSE
701836	Methane	2	4	0.375	Increasing	FALSE
701841	Ca	-2	5	0.408	Decreasing	FALSE
701841	Cl	-6	5	0.117	Decreasing	FALSE
701841	K	8	5	0.042	Increasing	TRUE
701841	Methane	-44	16	0.026	Decreasing	TRUE
701841	Mg	-4	5	0.242	Decreasing	FALSE
701841	Na	-1	5	0.5	Decreasing	FALSE
701841	pH, Lab	-2	4	0.375	Decreasing	FALSE
701841	SO4	-2	5	0.408	Decreasing	FALSE
701841	TDS	-6	5	0.117	Decreasing	FALSE
701842	Methane	0	5	0.592	No Trend	FALSE
701847	Ca	-5	7	0.281	Decreasing	FALSE
701847	Cl	-6	7	0.236	Decreasing	FALSE
701847	K	3	7	0.386	Increasing	FALSE
701847	Methane	4	8	0.36	Increasing	FALSE
701847	Mg	-9	7	0.119	Decreasing	FALSE
701847	Na	-7	7	0.191	Decreasing	FALSE
701847	pH, Lab	-7	6	0.136	Decreasing	FALSE
701847	SO4	-11	7	0.068	Decreasing	FALSE
701847	TDS	-8	6	0.102	Decreasing	FALSE
701849	Methane	8	6	0.102	Increasing	FALSE
701850	Methane	3	6	0.36	Increasing	FALSE
701851	Methane	2	6	0.43	Increasing	FALSE
701852	Methane	7	7	0.191	Increasing	FALSE
701853	Methane	13	7	0.035	Increasing	TRUE
701855	Methane	-7	5	0.08	Decreasing	FALSE
701856	Ca	2	4	0.375	Increasing	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
701856	Cl	-2	4	0.375	Decreasing	FALSE
701856	K	-2	4	0.375	Decreasing	FALSE
701856	Mg	0	4	0.625	No Trend	FALSE
701856	Na	-4	4	0.167	Decreasing	FALSE
701856	pH, Lab	2	4	0.375	Increasing	FALSE
701856	SO4	-3	4	0.271	Decreasing	FALSE
701856	TDS	-4	4	0.167	Decreasing	FALSE
701857	Ca	-6	5	0.117	Decreasing	FALSE
701857	Cl	4	5	0.242	Increasing	FALSE
701857	K	-5	5	0.18	Decreasing	FALSE
701857	Methane	2	5	0.408	Increasing	FALSE
701857	Mg	-5	5	0.18	Decreasing	FALSE
701857	Na	-2	5	0.408	Decreasing	FALSE
701857	pH, Lab	-1	4	0.5	Decreasing	FALSE
701857	SO4	-2	5	0.408	Decreasing	FALSE
701857	TDS	-1	5	0.5	Decreasing	FALSE
701858	ALK, Total	-6	4	0.042	Decreasing	TRUE
701858	Ca	-1	6	0.5	Decreasing	FALSE
701858	Cl	8	5	0.042	Increasing	TRUE
701858	CO3	-3	4	0.271	Decreasing	FALSE
701858	HCO3	-6	4	0.042	Decreasing	TRUE
701858	K	-6	6	0.186	Decreasing	FALSE
701858	Methane	0	7	-8888	No Trend	TRUE
701858	Mg	-8	6	0.102	Decreasing	FALSE
701858	Na	3	6	0.36	Increasing	FALSE
701858	pH, Lab	-5	6	0.235	Decreasing	FALSE
701858	SO4	-9	6	0.068	Decreasing	FALSE
701858	TDS	-15	6	0.001	Decreasing	TRUE
701859	Ca	7	7	0.191	Increasing	FALSE
701859	Cl	2	7	0.443	Increasing	FALSE
701859	K	3	7	0.386	Increasing	FALSE
701859	Methane	-25	8	0.001	Decreasing	TRUE
701859	Mg	9	7	0.119	Increasing	FALSE
701859	Na	-7	7	0.191	Decreasing	FALSE
701859	pH, Lab	-5	7	0.281	Decreasing	FALSE
701859	SO4	-2	7	0.443	Decreasing	FALSE
701859	TDS	-11	7	0.068	Decreasing	FALSE
701860	Ca	12	6	0.018	Increasing	TRUE
701860	Cl	1	6	0.5	Increasing	FALSE
701860	HCO3	-1	4	0.5	Decreasing	FALSE
701860	K	4	6	0.298	Increasing	FALSE
701860	Methane	7	6	0.136	Increasing	FALSE
701860	Mg	11	6	0.028	Increasing	TRUE
701860	Na	9	6	0.068	Increasing	FALSE
701860	pH, Lab	11	6	0.028	Increasing	TRUE
701860	SO4	3	6	0.36	Increasing	FALSE
701860	TDS	-1	6	0.5	Decreasing	FALSE
701862	Methane	10	6	0.048	Increasing	TRUE
701867	Methane	-4	5	0.242	Decreasing	FALSE
701868	Ca	-11	7	0.068	Decreasing	FALSE
701868	Cl	-3	7	0.386	Decreasing	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
701868	K	-12	7	0.052	Decreasing	FALSE
701868	Methane	-10	8	0.138	Decreasing	FALSE
701868	Mg	-11	7	0.068	Decreasing	FALSE
701868	Na	10	7	0.094	Increasing	FALSE
701868	pH, Lab	6	7	0.236	Increasing	FALSE
701868	SO4	-1	7	0.5	Decreasing	FALSE
701868	TDS	-1	7	0.5	Decreasing	FALSE
701870	Methane	-4	4	0.167	Decreasing	FALSE
701875	Ca	-6	4	0.042	Decreasing	TRUE
701875	Cl	-2	4	0.375	Decreasing	FALSE
701875	K	-5	4	0.105	Decreasing	FALSE
701875	Methane	1	6	0.5	Increasing	FALSE
701875	Mg	-6	4	0.042	Decreasing	TRUE
701875	Na	-4	4	0.167	Decreasing	FALSE
701875	SO4	-4	4	0.167	Decreasing	FALSE
701875	TDS	-4	4	0.167	Decreasing	FALSE
701876	Methane	-3	4	0.271	Decreasing	FALSE
701878	ALK, Total	4	5	0.242	Increasing	FALSE
701878	Ca	13	6	0.008	Increasing	TRUE
701878	Cl	-3	5	0.325	Decreasing	FALSE
701878	CO3	-9	5	0.025	Decreasing	TRUE
701878	HCO3	6	5	0.117	Increasing	FALSE
701878	K	8	6	0.102	Increasing	FALSE
701878	Methane	-12	12	0.23	Decreasing	FALSE
701878	Mg	5	6	0.235	Increasing	FALSE
701878	Na	-1	6	0.5	Decreasing	FALSE
701878	pH, Lab	-5	6	0.235	Decreasing	FALSE
701878	SO4	4	6	0.298	Increasing	FALSE
701878	TDS	-7	6	0.136	Decreasing	FALSE
701879	Ca	-2	5	0.408	Decreasing	FALSE
701879	Cl	-5	5	0.18	Decreasing	FALSE
701879	K	3	5	0.325	Increasing	FALSE
701879	Methane	-7	6	0.136	Decreasing	FALSE
701879	Mg	1	5	0.5	Increasing	FALSE
701879	Na	-4	5	0.242	Decreasing	FALSE
701879	pH, Lab	-4	4	0.167	Decreasing	FALSE
701879	SO4	9	5	0.025	Increasing	TRUE
701879	TDS	-4	4	0.167	Decreasing	FALSE
701880	Ca	-4	4	0.167	Decreasing	FALSE
701880	Cl	1	4	0.5	Increasing	FALSE
701880	K	-3	4	0.271	Decreasing	FALSE
701880	Methane	-11	7	0.068	Decreasing	FALSE
701880	Mg	0	4	0.625	No Trend	FALSE
701880	Na	-2	4	0.375	Decreasing	FALSE
701880	SO4	-5	4	0.105	Decreasing	FALSE
701881	Methane	-17	7	0.005	Decreasing	TRUE
701882	ALK, Total	-2	4	0.375	Decreasing	FALSE
701882	Ca	4	4	0.167	Increasing	FALSE
701882	HCO3	-4	4	0.167	Decreasing	FALSE
701882	K	5	4	0.105	Increasing	FALSE
701882	Methane	14	10	0.127	Increasing	FALSE



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Well ID	Analyte	S	N	Probability	Trend	Significance
701882	Mg	6	4	0.042	Increasing	TRUE
701882	Na	-6	4	0.042	Decreasing	TRUE
701882	pH, Lab	-3	4	0.271	Decreasing	FALSE
701882	SO4	-6	4	0.042	Decreasing	TRUE
701882	TDS	-2	4	0.375	Decreasing	FALSE
701883	Methane	-2	5	0.408	Decreasing	FALSE
701885	Methane	1	6	0.5	Increasing	FALSE
701886	Ca	2	5	0.408	Increasing	FALSE
701886	Cl	-8	5	0.042	Decreasing	TRUE
701886	K	5	5	0.18	Increasing	FALSE
701886	Methane	-11	7	0.068	Decreasing	FALSE
701886	Mg	2	5	0.408	Increasing	FALSE
701886	Na	6	5	0.117	Increasing	FALSE
701886	pH, Lab	-2	4	0.375	Decreasing	FALSE
701886	SO4	-2	5	0.408	Decreasing	FALSE
701886	TDS	-4	4	0.167	Decreasing	FALSE
701887	Methane	7	5	0.08	Increasing	FALSE
701888	Methane	-11	7	0.068	Decreasing	FALSE
701889	Methane	10	7	0.094	Increasing	FALSE
701890	Methane	-6	5	0.117	Decreasing	FALSE
701891	Methane	4	5	0.242	Increasing	FALSE
701891	TDS	2	4	0.375	Increasing	FALSE
701892	Ca	9	7	0.119	Increasing	FALSE
701892	Cl	-11	7	0.068	Decreasing	FALSE
701892	K	1	7	0.5	Increasing	FALSE
701892	Methane	9	10	0.242	Increasing	FALSE
701892	Mg	5	7	0.281	Increasing	FALSE
701892	Na	-9	7	0.119	Decreasing	FALSE
701892	pH, Lab	-5	6	0.235	Decreasing	FALSE
701892	SO4	-3	7	0.386	Decreasing	FALSE
701892	TDS	-7	6	0.136	Decreasing	FALSE
701893	Ca	-6	7	0.236	Decreasing	FALSE
701893	Cl	-18	7	0.003	Decreasing	TRUE
701893	K	3	7	0.386	Increasing	FALSE
701893	Methane	-2	9	0.46	Decreasing	FALSE
701893	Mg	12	7	0.052	Increasing	FALSE
701893	Na	-17	7	0.005	Decreasing	TRUE
701893	pH, Lab	-15	6	0.001	Decreasing	TRUE
701893	SO4	-11	7	0.068	Decreasing	FALSE
701893	TDS	-19	7	0.001	Decreasing	TRUE
701894	Methane	-4	5	0.242	Decreasing	FALSE
701895	Ca	-2	4	0.375	Decreasing	FALSE
701895	Cl	-3	4	0.271	Decreasing	FALSE
701895	K	1	4	0.5	Increasing	FALSE
701895	Methane	-9	6	0.068	Decreasing	FALSE
701895	Mg	1	4	0.5	Increasing	FALSE
701895	Na	0	4	0.625	No Trend	FALSE
701895	pH, Lab	-4	4	0.167	Decreasing	FALSE
701895	SO4	-3	4	0.271	Decreasing	FALSE
701895	TDS	0	4	0.625	No Trend	FALSE
701896	Ca	4	8	0.36	Increasing	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
701896	Cl	17	8	0.024	Increasing	TRUE
701896	K	6	8	0.274	Increasing	FALSE
701896	Methane	-9	11	0.271	Decreasing	FALSE
701896	Mg	4	8	0.36	Increasing	FALSE
701896	Na	10	8	0.138	Increasing	FALSE
701896	pH, Lab	-1	6	0.5	Decreasing	FALSE
701896	SO4	0	8	0.548	No Trend	FALSE
701896	TDS	1	6	0.5	Increasing	FALSE
701897	Methane	1	9	0.5	Increasing	FALSE
701899	Methane	-6	5	0.117	Decreasing	FALSE
701900	Methane	8	5	0.042	Increasing	TRUE
701902	Methane	6	6	0.186	Increasing	FALSE
701903	Methane	-1	5	0.5	Decreasing	FALSE
701904	Methane	4	8	0.36	Increasing	FALSE
701905	Methane	5	9	0.344	Increasing	FALSE
701907	Methane	-4	4	0.167	Decreasing	FALSE
701908	Methane	5	8	0.317	Increasing	FALSE
701909	Methane	-4	5	0.242	Decreasing	FALSE
701910	Methane	0	4	0.625	No Trend	FALSE
701911	Ca	4	4	0.167	Increasing	FALSE
701911	Cl	1	4	0.5	Increasing	FALSE
701911	K	1	4	0.5	Increasing	FALSE
701911	Methane	-9	5	0.025	Decreasing	TRUE
701911	Mg	6	4	0.042	Increasing	TRUE
701911	Na	-4	4	0.167	Decreasing	FALSE
701911	pH, Lab	-2	4	0.375	Decreasing	FALSE
701911	SO4	4	4	0.167	Increasing	FALSE
701911	TDS	2	4	0.375	Increasing	FALSE
701912	Methane	4	4	0.167	Increasing	FALSE
701913	Methane	3	6	0.36	Increasing	FALSE
701914	Ca	3	4	0.271	Increasing	FALSE
701914	Cl	1	4	0.5	Increasing	FALSE
701914	K	-3	4	0.271	Decreasing	FALSE
701914	Methane	-7	6	0.136	Decreasing	FALSE
701914	Mg	1	4	0.5	Increasing	FALSE
701914	Na	4	4	0.167	Increasing	FALSE
701914	pH, Lab	-4	4	0.167	Decreasing	FALSE
701914	SO4	0	4	0.625	No Trend	FALSE
701914	TDS	0	4	0.625	No Trend	FALSE
701915	ALK, Total	6	4	0.042	Increasing	TRUE
701915	Ca	4	4	0.167	Increasing	FALSE
701915	CO3	1	4	0.5	Increasing	FALSE
701915	HCO3	4	4	0.167	Increasing	FALSE
701915	Cl	-1	5	0.5	Decreasing	FALSE
701915	K	0	5	0.592	No Trend	FALSE
701915	Methane	-11	7	0.068	Decreasing	FALSE
701915	Mg	0	5	0.592	No Trend	FALSE
701915	Na	4	5	0.242	Increasing	FALSE
701915	pH, Lab	-10	5	0.008	Decreasing	TRUE
701915	SO4	-4	5	0.242	Decreasing	FALSE
701915	TDS	-2	5	0.408	Decreasing	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
701924	Ca	4	5	0.242	Increasing	FALSE
701924	Cl	-5	5	0.18	Decreasing	FALSE
701924	K	-3	5	0.325	Decreasing	FALSE
701924	Methane	-16	7	0.01	Decreasing	TRUE
701924	Mg	2	5	0.408	Increasing	FALSE
701924	Na	0	5	0.592	No Trend	FALSE
701924	pH, Lab	-8	5	0.042	Decreasing	TRUE
701924	SO4	0	5	0.592	No Trend	FALSE
701924	TDS	-4	5	0.242	Decreasing	FALSE
701927	Methane	-11	6	0.028	Decreasing	TRUE
701928	Ca	0	4	0.625	No Trend	FALSE
701928	Cl	4	4	0.167	Increasing	FALSE
701928	K	1	4	0.5	Increasing	FALSE
701928	Methane	-7	6	0.136	Decreasing	FALSE
701928	Mg	0	4	0.625	No Trend	FALSE
701928	Na	0	4	0.625	No Trend	FALSE
701928	pH, Lab	-1	4	0.5	Decreasing	FALSE
701928	SO4	0	4	0.625	No Trend	FALSE
701928	TDS	-2	4	0.375	Decreasing	FALSE
701929	Methane	-1	4	0.5	Decreasing	FALSE
701930	Methane	3	6	0.36	Increasing	FALSE
701932	Ca	4	5	0.242	Increasing	FALSE
701932	Cl	-4	4	0.167	Decreasing	FALSE
701932	K	4	5	0.242	Increasing	FALSE
701932	Methane	4	9	0.381	Increasing	FALSE
701932	Mg	4	5	0.242	Increasing	FALSE
701932	Na	-4	5	0.242	Decreasing	FALSE
701932	pH, Lab	-2	5	0.408	Decreasing	FALSE
701932	SO4	4	5	0.242	Increasing	FALSE
701932	TDS	-6	5	0.117	Decreasing	FALSE
701933	Methane	-1	6	0.5	Decreasing	FALSE
701943	Methane	-4	5	0.242	Decreasing	FALSE
701946	Ca	-9	5	0.025	Decreasing	TRUE
701946	Cl	0	5	0.592	No Trend	FALSE
701946	CO3	0	5	0.592	No Trend	FALSE
701946	HCO3	-9	5	0.025	Decreasing	TRUE
701946	K	0	5	0.592	No Trend	FALSE
701946	Methane	-9	8	0.169	Decreasing	FALSE
701946	Mg	-9	5	0.025	Decreasing	TRUE
701946	Na	5	5	0.18	Increasing	FALSE
701946	pH, Lab	4	4	0.167	Increasing	FALSE
701946	SO4	-9	5	0.025	Decreasing	TRUE
701946	TDS	-9	5	0.025	Decreasing	TRUE
701949	Methane	-4	4	0.167	Decreasing	FALSE
701950	Ca	4	4	0.167	Increasing	FALSE
701950	Cl	3	4	0.271	Increasing	FALSE
701950	K	0	4	0.625	No Trend	FALSE
701950	Methane	-19	7	0.001	Decreasing	TRUE
701950	Mg	3	4	0.271	Increasing	FALSE
701950	Na	0	4	0.625	No Trend	FALSE
701950	pH, Lab	-2	4	0.375	Decreasing	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
701950	SO4	0	4	0.625	No Trend	FALSE
701950	TDS	-2	4	0.375	Decreasing	FALSE
701951	Ca	0	5	0.592	No Trend	FALSE
701951	Cl	-12	6	0.018	Decreasing	TRUE
701951	CO3	1	4	0.5	Increasing	FALSE
701951	HCO3	5	4	0.105	Increasing	FALSE
701951	K	2	5	0.408	Increasing	FALSE
701951	Methane	0	7	-8888	No Trend	TRUE
701951	Mg	1	5	0.5	Increasing	FALSE
701951	Na	-2	5	0.408	Decreasing	FALSE
701951	pH, Lab	-3	6	0.36	Decreasing	FALSE
701951	SO4	-3	6	0.36	Decreasing	FALSE
701951	TDS	3	6	0.36	Increasing	FALSE
701953	Methane	-8	5	0.042	Decreasing	TRUE
702990	ALK, Total	-6	5	0.117	Decreasing	FALSE
702990	Ca	-1	10	0.5	Decreasing	FALSE
702990	Cl	9	10	0.242	Increasing	FALSE
702990	CO3	0	5	0.592	No Trend	FALSE
702990	HCO3	-6	5	0.117	Decreasing	FALSE
702990	K	0	10	-8888	No Trend	TRUE
702990	Methane	-28	12	0.031	Decreasing	TRUE
702990	Mg	-1	10	0.5	Decreasing	FALSE
702990	Na	-6	10	0.332	Decreasing	FALSE
702990	pH, Lab	-24	11	0.037	Decreasing	TRUE
702990	SO4	-3	10	0.431	Decreasing	FALSE
702990	TDS	-14	10	0.127	Decreasing	FALSE
702992	Ca	-2	5	0.408	Decreasing	FALSE
702992	Cl	-10	5	0.008	Decreasing	TRUE
702992	CO3	3	4	0.271	Increasing	FALSE
702992	HCO3	-6	4	0.042	Decreasing	TRUE
702992	K	-2	5	0.408	Decreasing	FALSE
702992	Methane	-4	5	0.242	Decreasing	FALSE
702992	Mg	-2	5	0.408	Decreasing	FALSE
702992	Na	0	5	0.592	No Trend	FALSE
702992	pH, Lab	4	4	0.167	Increasing	FALSE
702992	SO4	-2	5	0.408	Decreasing	FALSE
702992	TDS	-4	5	0.242	Decreasing	FALSE
702994	Ca	4	5	0.242	Increasing	FALSE
702994	Cl	-2	5	0.408	Decreasing	FALSE
702994	K	8	5	0.042	Increasing	TRUE
702994	Methane	18	15	0.204	Increasing	FALSE
702994	Mg	2	5	0.408	Increasing	FALSE
702994	Na	-4	5	0.242	Decreasing	FALSE
702994	pH, Lab	-5	5	0.18	Decreasing	FALSE
702994	SO4	1	5	0.5	Increasing	FALSE
702994	TDS	0	5	0.592	No Trend	FALSE
702996	Ca	8	5	0.042	Increasing	TRUE
702996	Cl	8	5	0.042	Increasing	TRUE
702996	K	-2	5	0.408	Decreasing	FALSE
702996	Methane	6	5	0.117	Increasing	FALSE
702996	Mg	0	5	0.592	No Trend	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
702996	Na	9	5	0.025	Increasing	TRUE
702996	pH, Lab	-5	5	0.18	Decreasing	FALSE
702996	SO4	-2	5	0.408	Decreasing	FALSE
702996	TDS	0	5	0.592	No Trend	FALSE
702998	Ca	-8	5	0.042	Decreasing	TRUE
702998	Cl	-7	5	0.08	Decreasing	FALSE
702998	CO3	1	5	0.5	Increasing	FALSE
702998	HCO3	-9	5	0.025	Decreasing	TRUE
702998	K	-4	5	0.242	Decreasing	FALSE
702998	Methane	8	6	0.102	Increasing	FALSE
702998	Mg	0	5	0.592	No Trend	FALSE
702998	Na	-2	5	0.408	Decreasing	FALSE
702998	pH, Lab	8	5	0.042	Increasing	TRUE
702998	SO4	-7	5	0.08	Decreasing	FALSE
702998	TDS	-8	5	0.042	Decreasing	TRUE
702999	Ca	-4	4	0.167	Decreasing	FALSE
702999	Cl	-2	4	0.375	Decreasing	FALSE
702999	CO3	-4	4	0.167	Decreasing	FALSE
702999	HCO3	3	4	0.271	Increasing	FALSE
702999	K	0	4	0.625	No Trend	FALSE
702999	Methane	0	4	0.625	No Trend	FALSE
702999	Mg	1	4	0.5	Increasing	FALSE
702999	Na	-2	4	0.375	Decreasing	FALSE
702999	pH, Lab	0	4	0.625	No Trend	FALSE
702999	SO4	0	4	0.625	No Trend	FALSE
702999	TDS	-6	4	0.042	Decreasing	TRUE
703000	Ca	-4	4	0.167	Decreasing	FALSE
703000	Cl	4	4	0.167	Increasing	FALSE
703000	CO3	-1	4	0.5	Decreasing	FALSE
703000	HCO3	-4	4	0.167	Decreasing	FALSE
703000	K	-5	4	0.105	Decreasing	FALSE
703000	Methane	-3	4	0.271	Decreasing	FALSE
703000	Mg	-4	4	0.167	Decreasing	FALSE
703000	Na	2	4	0.375	Increasing	FALSE
703000	pH, Lab	4	4	0.167	Increasing	FALSE
703000	SO4	-6	4	0.042	Decreasing	TRUE
703000	TDS	-4	4	0.167	Decreasing	FALSE
703001	Ca	0	4	0.625	No Trend	FALSE
703001	Cl	-1	4	0.5	Decreasing	FALSE
703001	CO3	0	4	0.625	No Trend	FALSE
703001	HCO3	-4	4	0.167	Decreasing	FALSE
703001	K	0	4	0.625	No Trend	FALSE
703001	Methane	-3	4	0.271	Decreasing	FALSE
703001	Mg	-4	4	0.167	Decreasing	FALSE
703001	Na	4	4	0.167	Increasing	FALSE
703001	pH, Lab	-4	4	0.167	Decreasing	FALSE
703001	SO4	3	4	0.271	Increasing	FALSE
703001	TDS	-6	4	0.042	Decreasing	TRUE
703002	Ca	1	5	0.5	Increasing	FALSE
703002	Cl	-7	5	0.08	Decreasing	FALSE
703002	CO3	0	5	0.592	No Trend	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
703002	HCO3	1	5	0.5	Increasing	FALSE
703002	K	-4	5	0.242	Decreasing	FALSE
703002	Methane	-4	5	0.242	Decreasing	FALSE
703002	Mg	7	5	0.08	Increasing	FALSE
703002	Na	3	5	0.325	Increasing	FALSE
703002	pH, Lab	-6	4	0.042	Decreasing	TRUE
703002	SO4	-3	5	0.325	Decreasing	FALSE
703002	TDS	-6	5	0.117	Decreasing	FALSE
703003	Ca	11	6	0.028	Increasing	TRUE
703003	Cl	11	6	0.028	Increasing	TRUE
703003	CO3	-7	6	0.136	Decreasing	FALSE
703003	HCO3	9	6	0.068	Increasing	FALSE
703003	K	0	7	-8888	No Trend	TRUE
703003	Methane	-1	7	0.5	Decreasing	FALSE
703003	Mg	0	7	-8888	No Trend	TRUE
703003	Na	8	6	0.102	Increasing	FALSE
703003	pH, Lab	-3	6	0.36	Decreasing	FALSE
703003	SO4	2	6	0.43	Increasing	FALSE
703003	TDS	-7	6	0.136	Decreasing	FALSE
703004	Ca	-8	5	0.042	Decreasing	TRUE
703004	Cl	-4	4	0.167	Decreasing	FALSE
703004	K	-8	5	0.042	Decreasing	TRUE
703004	Methane	10	7	0.094	Increasing	FALSE
703004	Mg	-4	5	0.242	Decreasing	FALSE
703004	Na	-6	5	0.117	Decreasing	FALSE
703004	pH, Lab	4	5	0.242	Increasing	FALSE
703004	SO4	-2	5	0.408	Decreasing	FALSE
703004	TDS	-10	5	0.008	Decreasing	TRUE
703011	Ca	-2	5	0.408	Decreasing	FALSE
703011	Cl	-2	5	0.408	Decreasing	FALSE
703011	K	0	5	0.592	No Trend	FALSE
703011	Methane	5	6	0.235	Increasing	FALSE
703011	Mg	0	5	0.592	No Trend	FALSE
703011	Na	2	5	0.408	Increasing	FALSE
703011	pH, Lab	-4	5	0.242	Decreasing	FALSE
703011	SO4	10	5	0.008	Increasing	TRUE
703011	TDS	-2	5	0.408	Decreasing	FALSE
703012	Methane	1	4	0.5	Increasing	FALSE
703204	ALK, Total	2	4	0.375	Increasing	FALSE
703204	Ca	-2	4	0.375	Decreasing	FALSE
703204	CO3	0	4	0.625	No Trend	FALSE
703204	HCO3	2	4	0.375	Increasing	FALSE
703204	K	-2	4	0.375	Decreasing	FALSE
703204	Methane	-2	4	0.375	Decreasing	FALSE
703204	Mg	-2	4	0.375	Decreasing	FALSE
703204	Na	-2	4	0.375	Decreasing	FALSE
703204	pH, Lab	0	4	0.625	No Trend	FALSE
703204	SO4	4	4	0.167	Increasing	FALSE
703204	TDS	-2	4	0.375	Decreasing	FALSE
703286	Ca	-4	4	0.167	Decreasing	FALSE
703286	Cl	1	4	0.5	Increasing	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
703286	K	3	4	0.271	Increasing	FALSE
703286	Methane	-2	4	0.375	Decreasing	FALSE
703286	Mg	1	4	0.5	Increasing	FALSE
703286	Na	0	4	0.625	No Trend	FALSE
703286	pH, Lab	2	4	0.375	Increasing	FALSE
703286	SO4	3	4	0.271	Increasing	FALSE
703286	TDS	2	4	0.375	Increasing	FALSE
703287	Ca	-2	4	0.375	Decreasing	FALSE
703287	Methane	0	4	0.625	No Trend	FALSE
703287	Na	-4	4	0.167	Decreasing	FALSE
703287	pH, Lab	4	4	0.167	Increasing	FALSE
703287	SO4	-2	4	0.375	Decreasing	FALSE
703287	TDS	2	4	0.375	Increasing	FALSE
703289	ALK, Total	-6	4	0.042	Decreasing	TRUE
703289	Ca	-10	5	0.008	Decreasing	TRUE
703289	Cl	0	4	0.625	No Trend	FALSE
703289	CO3	0	4	0.625	No Trend	FALSE
703289	HCO3	-6	4	0.042	Decreasing	TRUE
703289	K	-3	5	0.325	Decreasing	FALSE
703289	Methane	0	5	0.592	No Trend	FALSE
703289	Mg	0	5	0.592	No Trend	FALSE
703289	Na	-6	5	0.117	Decreasing	FALSE
703289	pH, Lab	4	5	0.242	Increasing	FALSE
703289	SO4	-9	5	0.025	Decreasing	TRUE
703289	TDS	-8	5	0.042	Decreasing	TRUE
703290	Ca	0	4	0.625	No Trend	FALSE
703290	Cl	-4	4	0.167	Decreasing	FALSE
703290	K	3	4	0.271	Increasing	FALSE
703290	Methane	0	5	0.592	No Trend	FALSE
703290	Mg	4	4	0.167	Increasing	FALSE
703290	Na	-2	4	0.375	Decreasing	FALSE
703290	pH, Lab	2	4	0.375	Increasing	FALSE
703290	SO4	-5	4	0.105	Decreasing	FALSE
703290	TDS	-6	4	0.042	Decreasing	TRUE
703292	ALK, Total	0	4	0.625	No Trend	FALSE
703292	Ca	-2	4	0.375	Decreasing	FALSE
703292	CO3	0	4	0.625	No Trend	FALSE
703292	HCO3	0	4	0.625	No Trend	FALSE
703292	K	-4	4	0.167	Decreasing	FALSE
703292	Methane	0	4	0.625	No Trend	FALSE
703292	Mg	-4	4	0.167	Decreasing	FALSE
703292	Na	-2	4	0.375	Decreasing	FALSE
703292	pH, Lab	4	4	0.167	Increasing	FALSE
703292	SO4	-4	4	0.167	Decreasing	FALSE
703292	TDS	-2	4	0.375	Decreasing	FALSE
703293	ALK, Total	-6	4	0.042	Decreasing	TRUE
703293	Ca	-2	4	0.375	Decreasing	FALSE
703293	CO3	0	4	0.625	No Trend	FALSE
703293	HCO3	-6	4	0.042	Decreasing	TRUE
703293	K	-3	4	0.271	Decreasing	FALSE
703293	Methane	0	4	0.625	No Trend	FALSE

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703293	Mg	-2	4	0.375	Decreasing	FALSE
703293	Na	-1	4	0.5	Decreasing	FALSE
703293	pH, Lab	0	4	0.625	No Trend	FALSE
703293	SO4	-4	4	0.167	Decreasing	FALSE
703293	TDS	0	4	0.625	No Trend	FALSE
703294	ALK, Total	0	4	0.625	No Trend	FALSE
703294	Ca	0	4	0.625	No Trend	FALSE
703294	CO3	0	4	0.625	No Trend	FALSE
703294	HCO3	2	4	0.375	Increasing	FALSE
703294	K	-1	4	0.5	Decreasing	FALSE
703294	Methane	0	4	0.625	No Trend	FALSE
703294	Mg	-2	4	0.375	Decreasing	FALSE
703294	Na	-4	4	0.167	Decreasing	FALSE
703294	pH, Lab	4	4	0.167	Increasing	FALSE
703294	SO4	-6	4	0.042	Decreasing	TRUE
703294	TDS	-4	4	0.167	Decreasing	FALSE
703298	Ca	-3	4	0.271	Decreasing	FALSE
703298	Cl	3	4	0.271	Increasing	FALSE
703298	K	0	4	0.625	No Trend	FALSE
703298	Methane	-2	4	0.375	Decreasing	FALSE
703298	Mg	0	4	0.625	No Trend	FALSE
703298	Na	2	4	0.375	Increasing	FALSE
703298	pH, Lab	-2	4	0.375	Decreasing	FALSE
703298	SO4	6	4	0.042	Increasing	TRUE
703298	TDS	0	4	0.625	No Trend	FALSE
703299	Ca	-2	4	0.375	Decreasing	FALSE
703299	Cl	1	4	0.5	Increasing	FALSE
703299	K	-3	4	0.271	Decreasing	FALSE
703299	Methane	0	4	0.625	No Trend	FALSE
703299	Mg	-3	4	0.271	Decreasing	FALSE
703299	Na	-1	4	0.5	Decreasing	FALSE
703299	pH, Lab	2	4	0.375	Increasing	FALSE
703299	SO4	5	4	0.105	Increasing	FALSE
703299	TDS	-2	4	0.375	Decreasing	FALSE
703301	Ca	4	4	0.167	Increasing	FALSE
703301	Cl	3	4	0.271	Increasing	FALSE
703301	K	3	4	0.271	Increasing	FALSE
703301	Methane	3	4	0.271	Increasing	FALSE
703301	Mg	4	4	0.167	Increasing	FALSE
703301	Na	0	4	0.625	No Trend	FALSE
703301	pH, Lab	-4	4	0.167	Decreasing	FALSE
703301	SO4	-4	4	0.167	Decreasing	FALSE
703301	TDS	-2	4	0.375	Decreasing	FALSE
703309	ALK, Total	0	4	0.625	No Trend	FALSE
703309	Ca	0	5	0.592	No Trend	FALSE
703309	Cl	-1	6	0.5	Decreasing	FALSE
703309	CO3	0	4	0.625	No Trend	FALSE
703309	HCO3	0	4	0.625	No Trend	FALSE
703309	K	7	5	0.08	Increasing	FALSE
703309	Methane	7	7	0	Increasing	FALSE
703309	Mg	10	5	0.008	Increasing	TRUE



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Well ID	Analyte	S	N	Probability	Trend	Significance
703309	Na	-6	5	0.117	Decreasing	FALSE
703309	pH, Lab	-11	6	0.028	Decreasing	TRUE
703309	SO4	-4	6	0.298	Decreasing	FALSE
703309	TDS	1	6	0.5	Increasing	FALSE
703310	ALK, Total	-4	4	0.167	Decreasing	FALSE
703310	Ca	-2	4	0.375	Decreasing	FALSE
703310	Cl	-4	4	0.167	Decreasing	FALSE
703310	HCO3	-6	4	0.042	Decreasing	TRUE
703310	K	-3	4	0.271	Decreasing	FALSE
703310	Methane	-2	4	0.375	Decreasing	FALSE
703310	Mg	-3	4	0.271	Decreasing	FALSE
703310	Na	-2	4	0.375	Decreasing	FALSE
703310	pH, Lab	0	4	0.625	No Trend	FALSE
703310	SO4	-2	4	0.375	Decreasing	FALSE
703310	TDS	-2	4	0.375	Decreasing	FALSE
703312	Methane	0	4	0.625	No Trend	FALSE
703313	ALK, Total	-6	4	0.042	Decreasing	TRUE
703313	Ca	-2	4	0.375	Decreasing	FALSE
703313	HCO3	-4	4	0.167	Decreasing	FALSE
703313	K	0	4	0.625	No Trend	FALSE
703313	Methane	6	5	0.117	Increasing	FALSE
703313	Mg	0	4	0.625	No Trend	FALSE
703313	Na	-1	4	0.5	Decreasing	FALSE
703313	pH, Lab	3	4	0.271	Increasing	FALSE
703313	SO4	4	4	0.167	Increasing	FALSE
703313	TDS	0	4	0.625	No Trend	FALSE
703314	ALK, Total	2	4	0.375	Increasing	FALSE
703314	Ca	0	4	0.625	No Trend	FALSE
703314	CO3	0	4	0.625	No Trend	FALSE
703314	HCO3	4	4	0.167	Increasing	FALSE
703314	K	-3	4	0.271	Decreasing	FALSE
703314	Methane	0	4	0.625	No Trend	FALSE
703314	Mg	-4	4	0.167	Decreasing	FALSE
703314	Na	-6	4	0.042	Decreasing	TRUE
703314	pH, Lab	0	4	0.625	No Trend	FALSE
703314	SO4	-2	4	0.375	Decreasing	FALSE
703314	TDS	-2	4	0.375	Decreasing	FALSE
703315	ALK, Total	2	5	0.408	Increasing	FALSE
703315	Ca	4	5	0.242	Increasing	FALSE
703315	Cl	0	4	0.625	No Trend	FALSE
703315	HCO3	-4	5	0.242	Decreasing	FALSE
703315	K	-6	5	0.117	Decreasing	FALSE
703315	Methane	-6	5	0.117	Decreasing	FALSE
703315	Mg	4	5	0.242	Increasing	FALSE
703315	Na	4	5	0.242	Increasing	FALSE
703315	pH, Lab	-5	5	0.18	Decreasing	FALSE
703315	SO4	4	5	0.242	Increasing	FALSE
703315	TDS	6	5	0.117	Increasing	FALSE
703316	ALK, Total	-5	4	0.105	Decreasing	FALSE
703316	Ca	2	4	0.375	Increasing	FALSE
703316	CO3	-5	4	0.105	Decreasing	FALSE

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<b>Well ID</b>	<b>Analyte</b>	<b>S</b>	<b>N</b>	<b>Probability</b>	<b>Trend</b>	<b>Significance</b>
703316	HCO3	-4	4	0.167	Decreasing	FALSE
703316	K	-4	4	0.167	Decreasing	FALSE
703316	Methane	0	4	0.625	No Trend	FALSE
703316	Mg	0	4	0.625	No Trend	FALSE
703316	Na	-2	4	0.375	Decreasing	FALSE
703316	pH, Lab	-4	4	0.167	Decreasing	FALSE
703316	SO4	1	4	0.5	Increasing	FALSE
703316	TDS	-2	4	0.375	Decreasing	FALSE
703317	Methane	-1	4	0.5	Decreasing	FALSE
703318	Methane	1	4	0.5	Increasing	FALSE
703320	ALK, Total	1	4	0.5	Increasing	FALSE
703320	Ca	4	4	0.167	Increasing	FALSE
703320	CO3	-4	4	0.167	Decreasing	FALSE
703320	HCO3	2	4	0.375	Increasing	FALSE
703320	K	3	4	0.271	Increasing	FALSE
703320	Methane	0	4	0.625	No Trend	FALSE
703320	Mg	4	4	0.167	Increasing	FALSE
703320	Na	-4	4	0.167	Decreasing	FALSE
703320	pH, Lab	-2	4	0.375	Decreasing	FALSE
703320	SO4	-6	4	0.042	Decreasing	TRUE
703320	TDS	-2	4	0.375	Decreasing	FALSE
703321	Ca	3	4	0.271	Increasing	FALSE
703321	Cl	3	4	0.271	Increasing	FALSE
703321	K	-2	4	0.375	Decreasing	FALSE
703321	Methane	0	5	0.592	No Trend	FALSE
703321	Mg	1	4	0.5	Increasing	FALSE
703321	Na	-1	4	0.5	Decreasing	FALSE
703321	pH, Lab	4	4	0.167	Increasing	FALSE
703321	SO4	6	4	0.042	Increasing	TRUE
703321	TDS	1	4	0.5	Increasing	FALSE
703323	ALK, Total	-2	4	0.375	Decreasing	FALSE
703323	Ca	-6	4	0.042	Decreasing	TRUE
703323	Cl	-2	4	0.375	Decreasing	FALSE
703323	CO3	-1	4	0.5	Decreasing	FALSE
703323	HCO3	0	4	0.625	No Trend	FALSE
703323	K	3	4	0.271	Increasing	FALSE
703323	Methane	0	4	0.625	No Trend	FALSE
703323	Mg	0	4	0.625	No Trend	FALSE
703323	Na	-2	4	0.375	Decreasing	FALSE
703323	pH, Lab	0	4	0.625	No Trend	FALSE
703323	SO4	0	4	0.625	No Trend	FALSE
703323	TDS	-4	4	0.167	Decreasing	FALSE
703324	ALK, Total	-4	4	0.167	Decreasing	FALSE
703324	Ca	-5	4	0.105	Decreasing	FALSE
703324	HCO3	-6	4	0.042	Decreasing	TRUE
703324	K	0	4	0.625	No Trend	FALSE
703324	Methane	-2	4	0.375	Decreasing	FALSE
703324	Mg	0	4	0.625	No Trend	FALSE
703324	Na	1	4	0.5	Increasing	FALSE
703324	pH, Lab	4	4	0.167	Increasing	FALSE
703324	SO4	0	4	0.625	No Trend	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
703324	TDS	-2	4	0.375	Decreasing	FALSE
703327	Methane	0	4	0.625	No Trend	FALSE
703329	Ca	2	4	0.375	Increasing	FALSE
703329	Cl	0	4	0.625	No Trend	FALSE
703329	K	-2	4	0.375	Decreasing	FALSE
703329	Methane	0	4	0.625	No Trend	FALSE
703329	Mg	2	4	0.375	Increasing	FALSE
703329	Na	-2	4	0.375	Decreasing	FALSE
703329	pH, Lab	2	4	0.375	Increasing	FALSE
703329	SO4	4	4	0.167	Increasing	FALSE
703329	TDS	-6	4	0.042	Decreasing	TRUE
703330	ALK, Total	0	4	0.625	No Trend	FALSE
703330	Ca	2	4	0.375	Increasing	FALSE
703330	HCO3	-2	4	0.375	Decreasing	FALSE
703330	K	-3	4	0.271	Decreasing	FALSE
703330	Methane	-2	4	0.375	Decreasing	FALSE
703330	Mg	2	4	0.375	Increasing	FALSE
703330	Na	-4	4	0.167	Decreasing	FALSE
703330	pH, Lab	-2	4	0.375	Decreasing	FALSE
703330	SO4	2	4	0.375	Increasing	FALSE
703330	TDS	-2	4	0.375	Decreasing	FALSE
703331	ALK, Total	-5	4	0.105	Decreasing	FALSE
703331	Ca	2	5	0.408	Increasing	FALSE
703331	Cl	5	4	0.105	Increasing	FALSE
703331	CO3	-3	4	0.271	Decreasing	FALSE
703331	HCO3	-1	4	0.5	Decreasing	FALSE
703331	K	0	5	0.592	No Trend	FALSE
703331	Methane	-5	5	0.18	Decreasing	FALSE
703331	Mg	1	5	0.5	Increasing	FALSE
703331	Na	0	5	0.592	No Trend	FALSE
703331	pH, Lab	-2	5	0.408	Decreasing	FALSE
703331	SO4	0	5	0.592	No Trend	FALSE
703331	TDS	0	5	0.592	No Trend	FALSE
703333	ALK, Total	-4	4	0.167	Decreasing	FALSE
703333	Ca	6	5	0.117	Increasing	FALSE
703333	Cl	-6	4	0.042	Decreasing	TRUE
703333	CO3	0	4	0.625	No Trend	FALSE
703333	HCO3	-2	4	0.375	Decreasing	FALSE
703333	K	-5	5	0.18	Decreasing	FALSE
703333	Methane	-6	5	0.117	Decreasing	FALSE
703333	Mg	6	5	0.117	Increasing	FALSE
703333	Na	-10	5	0.008	Decreasing	TRUE
703333	pH, Lab	-4	5	0.242	Decreasing	FALSE
703333	SO4	-3	5	0.325	Decreasing	FALSE
703333	TDS	-6	5	0.117	Decreasing	FALSE
703340	Ca	-4	4	0.167	Decreasing	FALSE
703340	Cl	-6	4	0.042	Decreasing	TRUE
703340	K	-3	4	0.271	Decreasing	FALSE
703340	Methane	-2	4	0.375	Decreasing	FALSE
703340	Mg	0	4	0.625	No Trend	FALSE
703340	Na	-1	4	0.5	Decreasing	FALSE

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703340	pH, Lab	4	4	0.167	Increasing	FALSE
703340	SO4	-3	4	0.271	Decreasing	FALSE
703340	TDS	-4	4	0.167	Decreasing	FALSE
703342	Cl	-1	4	0.5	Decreasing	FALSE
703342	Methane	0	4	0.625	No Trend	FALSE
703342	pH, Lab	-4	4	0.167	Decreasing	FALSE
703342	SO4	-1	4	0.5	Decreasing	FALSE
703342	TDS	0	4	0.625	No Trend	FALSE
703343	Cl	-6	4	0.042	Decreasing	TRUE
703343	pH, Lab	1	4	0.5	Increasing	FALSE
703343	SO4	-3	4	0.271	Decreasing	FALSE
703343	TDS	-3	4	0.271	Decreasing	FALSE
703346	Cl	4	4	0.167	Increasing	FALSE
703346	K	0	4	0.625	No Trend	FALSE
703346	Methane	0	4	0.625	No Trend	FALSE
703346	pH, Lab	0	4	0.625	No Trend	FALSE
703346	SO4	-2	4	0.375	Decreasing	FALSE
703346	TDS	0	4	0.625	No Trend	FALSE
703348	Ca	2	4	0.375	Increasing	FALSE
703348	CO3	0	4	0.625	No Trend	FALSE
703348	HCO3	2	4	0.375	Increasing	FALSE
703348	K	0	4	0.625	No Trend	FALSE
703348	Methane	-4	4	0.167	Decreasing	FALSE
703348	Mg	0	4	0.625	No Trend	FALSE
703348	Na	0	4	0.625	No Trend	FALSE
703348	pH, Lab	-4	4	0.167	Decreasing	FALSE
703348	SO4	0	4	0.625	No Trend	FALSE
703348	TDS	-2	4	0.375	Decreasing	FALSE
703353	Ca	4	5	0.242	Increasing	FALSE
703353	Cl	2	5	0.408	Increasing	FALSE
703353	K	-1	5	0.5	Decreasing	FALSE
703353	Methane	2	5	0.408	Increasing	FALSE
703353	Mg	6	5	0.117	Increasing	FALSE
703353	Na	2	5	0.408	Increasing	FALSE
703353	pH, Lab	2	5	0.408	Increasing	FALSE
703353	SO4	-10	5	0.008	Decreasing	TRUE
703353	TDS	2	5	0.408	Increasing	FALSE
703354	Ca	8	5	0.042	Increasing	TRUE
703354	Cl	8	5	0.042	Increasing	TRUE
703354	K	-1	5	0.5	Decreasing	FALSE
703354	Methane	0	5	0.592	No Trend	FALSE
703354	Mg	4	5	0.242	Increasing	FALSE
703354	Na	8	5	0.042	Increasing	TRUE
703354	pH, Lab	-4	5	0.242	Decreasing	FALSE
703354	SO4	4	5	0.242	Increasing	FALSE
703354	TDS	8	5	0.042	Increasing	TRUE
703357	Ca	4	4	0.167	Increasing	FALSE
703357	Cl	4	4	0.167	Increasing	FALSE
703357	CO3	-1	4	0.5	Decreasing	FALSE
703357	HCO3	4	4	0.167	Increasing	FALSE
703357	K	3	4	0.271	Increasing	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
703357	Methane	0	4	0.625	No Trend	FALSE
703357	Mg	3	4	0.271	Increasing	FALSE
703357	Na	-4	4	0.167	Decreasing	FALSE
703357	pH, Lab	-2	4	0.375	Decreasing	FALSE
703357	SO4	-4	4	0.167	Decreasing	FALSE
703357	TDS	0	4	0.625	No Trend	FALSE
703359	Ca	4	4	0.167	Increasing	FALSE
703359	Cl	1	4	0.5	Increasing	FALSE
703359	K	1	4	0.5	Increasing	FALSE
703359	Methane	0	4	0.625	No Trend	FALSE
703359	Mg	1	4	0.5	Increasing	FALSE
703359	Na	4	4	0.167	Increasing	FALSE
703359	pH, Lab	-2	4	0.375	Decreasing	FALSE
703359	SO4	0	4	0.625	No Trend	FALSE
703359	TDS	0	4	0.625	No Trend	FALSE
703360	ALK, Total	-1	5	0.5	Decreasing	FALSE
703360	Ca	8	6	0.102	Increasing	FALSE
703360	Cl	-8	6	0.102	Decreasing	FALSE
703360	CO3	0	6	-8888	No Trend	TRUE
703360	HCO3	6	6	0.186	Increasing	FALSE
703360	K	12	6	0.018	Increasing	TRUE
703360	Methane	0	6	-8888	No Trend	TRUE
703360	Mg	8	6	0.102	Increasing	FALSE
703360	Na	-4	6	0.298	Decreasing	FALSE
703360	pH, Lab	0	5	0.592	No Trend	FALSE
703360	SO4	8	6	0.102	Increasing	FALSE
703360	TDS	-2	6	0.43	Decreasing	FALSE
703361	ALK, Total	2	4	0.375	Increasing	FALSE
703361	Ca	4	4	0.167	Increasing	FALSE
703361	CO3	-5	4	0.105	Decreasing	FALSE
703361	HCO3	4	4	0.167	Increasing	FALSE
703361	K	0	4	0.625	No Trend	FALSE
703361	Methane	-5	6	0.235	Decreasing	FALSE
703361	Mg	0	4	0.625	No Trend	FALSE
703361	Na	0	4	0.625	No Trend	FALSE
703361	pH, Lab	-2	4	0.375	Decreasing	FALSE
703361	SO4	-2	4	0.375	Decreasing	FALSE
703361	TDS	2	4	0.375	Increasing	FALSE
703362	Methane	-3	4	0.271	Decreasing	FALSE
703365	Ca	3	4	0.271	Increasing	FALSE
703365	K	-3	4	0.271	Decreasing	FALSE
703365	Methane	-4	4	0.167	Decreasing	FALSE
703365	Mg	0	4	0.625	No Trend	FALSE
703365	Na	2	4	0.375	Increasing	FALSE
703365	pH, Lab	-4	4	0.167	Decreasing	FALSE
703365	SO4	4	4	0.167	Increasing	FALSE
703365	TDS	1	4	0.5	Increasing	FALSE
703366	Ca	0	4	0.625	No Trend	FALSE
703366	Cl	-1	4	0.5	Decreasing	FALSE
703366	K	0	4	0.625	No Trend	FALSE
703366	Methane	0	4	0.625	No Trend	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
703366	Mg	-2	4	0.375	Decreasing	FALSE
703366	Na	0	4	0.625	No Trend	FALSE
703366	pH, Lab	-4	4	0.167	Decreasing	FALSE
703366	SO4	-4	4	0.167	Decreasing	FALSE
703366	TDS	0	4	0.625	No Trend	FALSE
703367	ALK, Total	-4	4	0.167	Decreasing	FALSE
703367	Ca	-2	4	0.375	Decreasing	FALSE
703367	HCO3	-6	4	0.042	Decreasing	TRUE
703367	K	-2	4	0.375	Decreasing	FALSE
703367	Methane	0	4	0.625	No Trend	FALSE
703367	Mg	-2	4	0.375	Decreasing	FALSE
703367	Na	0	4	0.625	No Trend	FALSE
703367	pH, Lab	0	4	0.625	No Trend	FALSE
703367	SO4	0	4	0.625	No Trend	FALSE
703367	TDS	-2	4	0.375	Decreasing	FALSE
703368	Methane	0	4	0.625	No Trend	FALSE
703370	Ca	-6	4	0.042	Decreasing	TRUE
703370	Cl	1	4	0.5	Increasing	FALSE
703370	K	-4	4	0.167	Decreasing	FALSE
703370	Methane	-4	4	0.167	Decreasing	FALSE
703370	Mg	-2	4	0.375	Decreasing	FALSE
703370	Na	-4	4	0.167	Decreasing	FALSE
703370	pH, Lab	-4	4	0.167	Decreasing	FALSE
703370	SO4	-2	4	0.375	Decreasing	FALSE
703370	TDS	-4	4	0.167	Decreasing	FALSE
703371	ALK, Total	0	4	0.625	No Trend	FALSE
703371	Ca	-2	4	0.375	Decreasing	FALSE
703371	Cl	3	4	0.271	Increasing	FALSE
703371	CO3	0	4	0.625	No Trend	FALSE
703371	HCO3	0	4	0.625	No Trend	FALSE
703371	K	3	4	0.271	Increasing	FALSE
703371	Methane	-2	5	0.408	Decreasing	FALSE
703371	Mg	-3	4	0.271	Decreasing	FALSE
703371	Na	-2	4	0.375	Decreasing	FALSE
703371	pH, Lab	-2	4	0.375	Decreasing	FALSE
703371	SO4	0	4	0.625	No Trend	FALSE
703371	TDS	0	4	0.625	No Trend	FALSE
703372	Ca	2	4	0.375	Increasing	FALSE
703372	Cl	-1	4	0.5	Decreasing	FALSE
703372	K	-3	4	0.271	Decreasing	FALSE
703372	Methane	-2	4	0.375	Decreasing	FALSE
703372	Mg	0	4	0.625	No Trend	FALSE
703372	Na	4	4	0.167	Increasing	FALSE
703372	pH, Lab	3	4	0.271	Increasing	FALSE
703372	SO4	4	4	0.167	Increasing	FALSE
703372	TDS	0	4	0.625	No Trend	FALSE
703373	Ca	4	4	0.167	Increasing	FALSE
703373	Cl	0	4	0.625	No Trend	FALSE
703373	K	-3	4	0.271	Decreasing	FALSE
703373	Methane	5	6	0.235	Increasing	FALSE
703373	Mg	-3	4	0.271	Decreasing	FALSE

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703373	Na	2	4	0.375	Increasing	FALSE
703373	pH, Lab	-1	4	0.5	Decreasing	FALSE
703373	SO4	1	4	0.5	Increasing	FALSE
703373	TDS	0	4	0.625	No Trend	FALSE
703376	Ca	2	4	0.375	Increasing	FALSE
703376	Cl	0	4	0.625	No Trend	FALSE
703376	K	-6	4	0.042	Decreasing	TRUE
703376	Methane	-4	4	0.167	Decreasing	FALSE
703376	Mg	2	4	0.375	Increasing	FALSE
703376	Na	2	4	0.375	Increasing	FALSE
703376	pH, Lab	0	4	0.625	No Trend	FALSE
703376	SO4	1	4	0.5	Increasing	FALSE
703376	TDS	0	4	0.625	No Trend	FALSE
703377	Ca	2	4	0.375	Increasing	FALSE
703377	Cl	6	4	0.042	Increasing	TRUE
703377	K	-1	4	0.5	Decreasing	FALSE
703377	Methane	3	4	0.271	Increasing	FALSE
703377	Mg	-1	4	0.5	Decreasing	FALSE
703377	Na	4	4	0.167	Increasing	FALSE
703377	pH, Lab	-2	4	0.375	Decreasing	FALSE
703377	SO4	4	4	0.167	Increasing	FALSE
703377	TDS	-2	4	0.375	Decreasing	FALSE
703380	Ca	0	4	0.625	No Trend	FALSE
703380	Cl	4	4	0.167	Increasing	FALSE
703380	K	2	4	0.375	Increasing	FALSE
703380	Methane	0	4	0.625	No Trend	FALSE
703380	Mg	-3	4	0.271	Decreasing	FALSE
703380	Na	-1	4	0.5	Decreasing	FALSE
703380	pH, Lab	-2	4	0.375	Decreasing	FALSE
703380	SO4	-5	4	0.105	Decreasing	FALSE
703380	TDS	-5	4	0.105	Decreasing	FALSE
703381	ALK, Total	-6	4	0.042	Decreasing	TRUE
703381	Ca	-8	5	0.042	Decreasing	TRUE
703381	Cl	3	4	0.271	Increasing	FALSE
703381	CO3	0	4	0.625	No Trend	FALSE
703381	HCO3	-6	4	0.042	Decreasing	TRUE
703381	K	-2	5	0.408	Decreasing	FALSE
703381	Methane	0	5	0.592	No Trend	FALSE
703381	Mg	-6	5	0.117	Decreasing	FALSE
703381	Na	8	5	0.042	Increasing	TRUE
703381	pH, Lab	6	5	0.117	Increasing	FALSE
703381	SO4	0	5	0.592	No Trend	FALSE
703381	TDS	-4	5	0.242	Decreasing	FALSE
703382	Ca	2	5	0.408	Increasing	FALSE
703382	Cl	10	5	0.008	Increasing	TRUE
703382	K	1	5	0.5	Increasing	FALSE
703382	Methane	0	5	0.592	No Trend	FALSE
703382	Mg	1	5	0.5	Increasing	FALSE
703382	Na	2	5	0.408	Increasing	FALSE
703382	pH, Lab	-3	5	0.325	Decreasing	FALSE
703382	SO4	-4	5	0.242	Decreasing	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
703382	TDS	2	5	0.408	Increasing	FALSE
703383	ALK, Total	1	4	0.5	Increasing	FALSE
703383	Ca	-2	4	0.375	Decreasing	FALSE
703383	CO3	0	4	0.625	No Trend	FALSE
703383	HCO3	1	4	0.5	Increasing	FALSE
703383	K	5	4	0.105	Increasing	FALSE
703383	Methane	0	5	0.592	No Trend	FALSE
703383	Mg	-2	4	0.375	Decreasing	FALSE
703383	Na	-4	4	0.167	Decreasing	FALSE
703383	pH, Lab	-4	4	0.167	Decreasing	FALSE
703383	SO4	-4	4	0.167	Decreasing	FALSE
703383	TDS	0	4	0.625	No Trend	FALSE
703388	Ca	-6	4	0.042	Decreasing	TRUE
703388	Cl	4	4	0.167	Increasing	FALSE
703388	K	-6	4	0.042	Decreasing	TRUE
703388	Methane	-4	4	0.167	Decreasing	FALSE
703388	Mg	-5	4	0.105	Decreasing	FALSE
703388	Na	-4	4	0.167	Decreasing	FALSE
703388	pH, Lab	5	4	0.105	Increasing	FALSE
703388	SO4	-6	4	0.042	Decreasing	TRUE
703388	TDS	-6	4	0.042	Decreasing	TRUE
703392	ALK, Total	-6	4	0.042	Decreasing	TRUE
703392	Ca	-4	5	0.242	Decreasing	FALSE
703392	Cl	1	4	0.5	Increasing	FALSE
703392	CO3	0	4	0.625	No Trend	FALSE
703392	HCO3	-6	4	0.042	Decreasing	TRUE
703392	K	0	5	0.592	No Trend	FALSE
703392	Methane	0	5	0.592	No Trend	FALSE
703392	Mg	-6	5	0.117	Decreasing	FALSE
703392	Na	-6	5	0.117	Decreasing	FALSE
703392	pH, Lab	-2	5	0.408	Decreasing	FALSE
703392	SO4	-10	5	0.008	Decreasing	TRUE
703392	TDS	-2	5	0.408	Decreasing	FALSE
703393	ALK, Total	6	4	0.042	Increasing	TRUE
703393	Ca	0	4	0.625	No Trend	FALSE
703393	Cl	3	4	0.271	Increasing	FALSE
703393	CO3	0	4	0.625	No Trend	FALSE
703393	HCO3	6	4	0.042	Increasing	TRUE
703393	K	5	4	0.105	Increasing	FALSE
703393	Methane	0	4	0.625	No Trend	FALSE
703393	Mg	-2	4	0.375	Decreasing	FALSE
703393	Na	0	4	0.625	No Trend	FALSE
703393	pH, Lab	-2	4	0.375	Decreasing	FALSE
703393	SO4	0	4	0.625	No Trend	FALSE
703393	TDS	2	4	0.375	Increasing	FALSE
703394	ALK, Total	-2	4	0.375	Decreasing	FALSE
703394	Ca	-1	6	0.5	Decreasing	FALSE
703394	Cl	2	5	0.408	Increasing	FALSE
703394	HCO3	-4	4	0.167	Decreasing	FALSE
703394	K	-5	6	0.235	Decreasing	FALSE
703394	Methane	0	7	-8888	No Trend	TRUE



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Well ID	Analyte	S	N	Probability	Trend	Significance
703394	Mg	2	6	0.43	Increasing	FALSE
703394	Na	-3	6	0.36	Decreasing	FALSE
703394	pH, Lab	-12	6	0.018	Decreasing	TRUE
703394	SO4	-2	6	0.43	Decreasing	FALSE
703394	TDS	1	6	0.5	Increasing	FALSE
703403	Ca	0	4	0.625	No Trend	FALSE
703403	Cl	-6	4	0.042	Decreasing	TRUE
703403	K	-1	4	0.5	Decreasing	FALSE
703403	Methane	0	4	0.625	No Trend	FALSE
703403	Mg	0	4	0.625	No Trend	FALSE
703403	Na	0	4	0.625	No Trend	FALSE
703403	pH, Lab	4	4	0.167	Increasing	FALSE
703403	SO4	-1	4	0.5	Decreasing	FALSE
703403	TDS	-4	4	0.167	Decreasing	FALSE
703404	Methane	1	4	0.5	Increasing	FALSE
703405	Ca	6	4	0.042	Increasing	TRUE
703405	Cl	1	4	0.5	Increasing	FALSE
703405	K	4	4	0.167	Increasing	FALSE
703405	Methane	-3	4	0.271	Decreasing	FALSE
703405	Mg	4	4	0.167	Increasing	FALSE
703405	Na	-4	4	0.167	Decreasing	FALSE
703405	pH, Lab	-3	4	0.271	Decreasing	FALSE
703405	SO4	5	4	0.105	Increasing	FALSE
703405	TDS	2	4	0.375	Increasing	FALSE
703407	Methane	-4	4	0.167	Decreasing	FALSE
703408	ALK, Total	-4	4	0.167	Decreasing	FALSE
703408	Ca	-1	7	0.5	Decreasing	FALSE
703408	Cl	1	6	0.5	Increasing	FALSE
703408	CO3	0	4	0.625	No Trend	FALSE
703408	HCO3	-4	4	0.167	Decreasing	FALSE
703408	K	5	7	0.281	Increasing	FALSE
703408	Methane	3	6	0.36	Increasing	FALSE
703408	Mg	-1	7	0.5	Decreasing	FALSE
703408	Na	-3	7	0.386	Decreasing	FALSE
703408	pH, Lab	0	7	-8888	No Trend	TRUE
703408	SO4	-3	7	0.386	Decreasing	FALSE
703408	TDS	-5	7	0.281	Decreasing	FALSE
703410	Ca	-4	4	0.167	Decreasing	FALSE
703410	Cl	2	4	0.375	Increasing	FALSE
703410	K	-1	4	0.5	Decreasing	FALSE
703410	Methane	4	5	0.242	Increasing	FALSE
703410	Mg	0	4	0.625	No Trend	FALSE
703410	Na	4	4	0.167	Increasing	FALSE
703410	pH, Lab	2	4	0.375	Increasing	FALSE
703410	SO4	-2	4	0.375	Decreasing	FALSE
703410	TDS	-2	4	0.375	Decreasing	FALSE
703411	Ca	-8	5	0.042	Decreasing	TRUE
703411	Cl	-8	5	0.042	Decreasing	TRUE
703411	K	-5	5	0.18	Decreasing	FALSE
703411	Methane	-3	5	0.325	Decreasing	FALSE
703411	Mg	-4	5	0.242	Decreasing	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
703411	Na	-9	5	0.025	Decreasing	TRUE
703411	pH, Lab	-6	5	0.117	Decreasing	FALSE
703411	SO4	-6	5	0.117	Decreasing	FALSE
703411	TDS	-2	5	0.408	Decreasing	FALSE
703412	Ca	6	5	0.117	Increasing	FALSE
703412	Cl	-6	5	0.117	Decreasing	FALSE
703412	K	6	5	0.117	Increasing	FALSE
703412	Methane	-5	5	0.18	Decreasing	FALSE
703412	Mg	6	5	0.117	Increasing	FALSE
703412	Na	-3	5	0.325	Decreasing	FALSE
703412	pH, Lab	-2	5	0.408	Decreasing	FALSE
703412	SO4	5	5	0.18	Increasing	FALSE
703412	TDS	0	5	0.592	No Trend	FALSE
703413	Methane	1	4	0.5	Increasing	FALSE
703415	Methane	1	4	0.5	Increasing	FALSE
703416	Ca	4	4	0.167	Increasing	FALSE
703416	Cl	3	4	0.271	Increasing	FALSE
703416	K	2	4	0.375	Increasing	FALSE
703416	Methane	0	4	0.625	No Trend	FALSE
703416	Mg	4	4	0.167	Increasing	FALSE
703416	Na	2	4	0.375	Increasing	FALSE
703416	pH, Lab	2	4	0.375	Increasing	FALSE
703416	SO4	6	4	0.042	Increasing	TRUE
703416	TDS	2	4	0.375	Increasing	FALSE
703417	Ca	0	4	0.625	No Trend	FALSE
703417	Cl	1	4	0.5	Increasing	FALSE
703417	K	-6	4	0.042	Decreasing	TRUE
703417	Methane	0	4	0.625	No Trend	FALSE
703417	Mg	-6	4	0.042	Decreasing	TRUE
703417	Na	-4	4	0.167	Decreasing	FALSE
703417	pH, Lab	0	4	0.625	No Trend	FALSE
703417	SO4	-2	4	0.375	Decreasing	FALSE
703417	TDS	0	4	0.625	No Trend	FALSE
703418	ALK, Total	2	4	0.375	Increasing	FALSE
703418	Ca	0	4	0.625	No Trend	FALSE
703418	Cl	-2	4	0.375	Decreasing	FALSE
703418	CO3	-3	4	0.271	Decreasing	FALSE
703418	HCO3	3	4	0.271	Increasing	FALSE
703418	K	1	4	0.5	Increasing	FALSE
703418	Methane	0	5	0.592	No Trend	FALSE
703418	Mg	0	4	0.625	No Trend	FALSE
703418	Na	-2	4	0.375	Decreasing	FALSE
703418	pH, Lab	-1	4	0.5	Decreasing	FALSE
703418	SO4	-4	4	0.167	Decreasing	FALSE
703418	TDS	-2	4	0.375	Decreasing	FALSE
703419	Ca	2	4	0.375	Increasing	FALSE
703419	Cl	6	4	0.042	Increasing	TRUE
703419	K	3	4	0.271	Increasing	FALSE
703419	Methane	0	4	0.625	No Trend	FALSE
703419	Mg	0	4	0.625	No Trend	FALSE
703419	Na	-1	4	0.5	Decreasing	FALSE

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703419	pH, Lab	-2	4	0.375	Decreasing	FALSE
703419	SO4	2	4	0.375	Increasing	FALSE
703419	TDS	2	4	0.375	Increasing	FALSE
703423	ALK, Total	2	4	0.375	Increasing	FALSE
703423	Ca	3	7	0.386	Increasing	FALSE
703423	Cl	19	7	0.001	Increasing	TRUE
703423	CO3	-6	7	0.236	Decreasing	FALSE
703423	HCO3	-7	7	0.191	Decreasing	FALSE
703423	K	-6	7	0.236	Decreasing	FALSE
703423	Methane	12	8	0.089	Increasing	FALSE
703423	Mg	0	7	-8888	No Trend	TRUE
703423	Na	-1	7	0.5	Decreasing	FALSE
703423	pH, Lab	-4	7	0.334	Decreasing	FALSE
703423	SO4	-6	7	0.236	Decreasing	FALSE
703423	TDS	7	7	0.191	Increasing	FALSE
703424	Ca	3	4	0.271	Increasing	FALSE
703424	Cl	0	4	0.625	No Trend	FALSE
703424	CO3	0	4	0.625	No Trend	FALSE
703424	HCO3	6	4	0.042	Increasing	TRUE
703424	K	3	4	0.271	Increasing	FALSE
703424	Methane	2	4	0.375	Increasing	FALSE
703424	Mg	1	4	0.5	Increasing	FALSE
703424	Na	2	4	0.375	Increasing	FALSE
703424	pH, Lab	-4	4	0.167	Decreasing	FALSE
703424	SO4	3	4	0.271	Increasing	FALSE
703424	TDS	1	4	0.5	Increasing	FALSE
703437	ALK, Total	1	5	0.5	Increasing	FALSE
703437	Ca	-3	6	0.36	Decreasing	FALSE
703437	Cl	8	6	0.102	Increasing	FALSE
703437	CO3	0	6	-8888	No Trend	TRUE
703437	HCO3	0	6	-8888	No Trend	TRUE
703437	K	-2	6	0.43	Decreasing	FALSE
703437	Methane	0	6	-8888	No Trend	TRUE
703437	Mg	-4	6	0.298	Decreasing	FALSE
703437	Na	0	6	-8888	No Trend	TRUE
703437	pH, Lab	-1	5	0.5	Decreasing	FALSE
703437	SO4	6	6	0.186	Increasing	FALSE
703437	TDS	2	6	0.43	Increasing	FALSE
703438	Ca	-2	4	0.375	Decreasing	FALSE
703438	Cl	4	4	0.167	Increasing	FALSE
703438	CO3	-1	4	0.5	Decreasing	FALSE
703438	HCO3	-4	4	0.167	Decreasing	FALSE
703438	K	-1	4	0.5	Decreasing	FALSE
703438	Methane	0	4	0.625	No Trend	FALSE
703438	Mg	0	4	0.625	No Trend	FALSE
703438	Na	4	4	0.167	Increasing	FALSE
703438	pH, Lab	-1	4	0.5	Decreasing	FALSE
703438	SO4	0	4	0.625	No Trend	FALSE
703438	TDS	-4	4	0.167	Decreasing	FALSE
703439	Ca	1	5	0.5	Increasing	FALSE
703439	Cl	3	5	0.325	Increasing	FALSE

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703439	CO3	0	4	0.625	No Trend	FALSE
703439	HCO3	-4	4	0.167	Decreasing	FALSE
703439	K	3	5	0.325	Increasing	FALSE
703439	Methane	0	5	0.592	No Trend	FALSE
703439	Mg	1	5	0.5	Increasing	FALSE
703439	Na	-5	5	0.18	Decreasing	FALSE
703439	pH, Lab	0	4	0.625	No Trend	FALSE
703439	SO4	8	5	0.042	Increasing	TRUE
703439	TDS	-7	5	0.08	Decreasing	FALSE
703440	ALK, Total	-5	4	0.105	Decreasing	FALSE
703440	Ca	-9	5	0.025	Decreasing	TRUE
703440	Cl	6	5	0.117	Increasing	FALSE
703440	CO3	-6	5	0.117	Decreasing	FALSE
703440	HCO3	-5	5	0.18	Decreasing	FALSE
703440	K	1	5	0.5	Increasing	FALSE
703440	Methane	-7	5	0.08	Decreasing	FALSE
703440	Mg	-6	5	0.117	Decreasing	FALSE
703440	Na	-7	5	0.08	Decreasing	FALSE
703440	pH, Lab	4	4	0.167	Increasing	FALSE
703440	SO4	-5	5	0.18	Decreasing	FALSE
703440	TDS	-9	5	0.025	Decreasing	TRUE
703443	Ca	-2	4	0.375	Decreasing	FALSE
703443	Cl	-3	4	0.271	Decreasing	FALSE
703443	K	-1	4	0.5	Decreasing	FALSE
703443	Methane	-13	6	0.008	Decreasing	TRUE
703443	Mg	2	4	0.375	Increasing	FALSE
703443	Na	0	4	0.625	No Trend	FALSE
703443	SO4	0	4	0.625	No Trend	FALSE
703450	ALK, Total	-2	4	0.375	Decreasing	FALSE
703450	Ca	5	6	0.235	Increasing	FALSE
703450	Cl	4	6	0.298	Increasing	FALSE
703450	CO3	0	5	0.592	No Trend	FALSE
703450	HCO3	2	5	0.408	Increasing	FALSE
703450	K	-1	6	0.5	Decreasing	FALSE
703450	Methane	-1	6	0.5	Decreasing	FALSE
703450	Mg	4	6	0.298	Increasing	FALSE
703450	Na	1	6	0.5	Increasing	FALSE
703450	pH, Lab	-1	6	0.5	Decreasing	FALSE
703450	SO4	4	6	0.298	Increasing	FALSE
703450	TDS	4	6	0.298	Increasing	FALSE
703451	Ca	-4	4	0.167	Decreasing	FALSE
703451	Cl	0	4	0.625	No Trend	FALSE
703451	K	-3	4	0.271	Decreasing	FALSE
703451	Methane	0	4	0.625	No Trend	FALSE
703451	Mg	-3	4	0.271	Decreasing	FALSE
703451	Na	-4	4	0.167	Decreasing	FALSE
703451	pH, Lab	4	4	0.167	Increasing	FALSE
703451	SO4	-6	4	0.042	Decreasing	TRUE
703451	TDS	-4	4	0.167	Decreasing	FALSE
703452	Methane	4	5	0.242	Increasing	FALSE
703452	pH, Lab	-4	4	0.167	Decreasing	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
703452	SO4	2	4	0.375	Increasing	FALSE
703452	TDS	0	4	0.625	No Trend	FALSE
703453	Ca	5	6	0.235	Increasing	FALSE
703453	Cl	4	6	0.298	Increasing	FALSE
703453	CO3	-3	4	0.271	Decreasing	FALSE
703453	HCO3	0	4	0.625	No Trend	FALSE
703453	K	5	6	0.235	Increasing	FALSE
703453	Methane	-5	6	0.235	Decreasing	FALSE
703453	Mg	3	6	0.36	Increasing	FALSE
703453	Na	-7	6	0.136	Decreasing	FALSE
703453	pH, Lab	-7	6	0.136	Decreasing	FALSE
703453	SO4	-10	6	0.048	Decreasing	TRUE
703453	TDS	-4	6	0.298	Decreasing	FALSE
703454	Ca	1	6	0.5	Increasing	FALSE
703454	Cl	4	6	0.298	Increasing	FALSE
703454	CO3	0	4	0.625	No Trend	FALSE
703454	HCO3	4	4	0.167	Increasing	FALSE
703454	K	-1	6	0.5	Decreasing	FALSE
703454	Methane	3	6	0.36	Increasing	FALSE
703454	Mg	-1	6	0.5	Decreasing	FALSE
703454	Na	0	6	-8888	No Trend	TRUE
703454	pH, Lab	6	6	0.186	Increasing	FALSE
703454	SO4	-1	6	0.5	Decreasing	FALSE
703454	TDS	-5	6	0.235	Decreasing	FALSE
703456	ALK, Total	4	4	0.167	Increasing	FALSE
703456	Ca	1	6	0.5	Increasing	FALSE
703456	Cl	10	6	0.048	Increasing	TRUE
703456	HCO3	4	4	0.167	Increasing	FALSE
703456	K	8	6	0.102	Increasing	FALSE
703456	Methane	8	6	0.102	Increasing	FALSE
703456	Mg	8	6	0.102	Increasing	FALSE
703456	Na	5	6	0.235	Increasing	FALSE
703456	pH, Lab	-6	5	0.117	Decreasing	FALSE
703456	SO4	9	6	0.068	Increasing	FALSE
703456	TDS	9	6	0.068	Increasing	FALSE
703457	Methane	0	4	0.625	No Trend	FALSE
703458	Methane	-4	4	0.167	Decreasing	FALSE
703459	Ca	4	5	0.242	Increasing	FALSE
703459	Cl	1	5	0.5	Increasing	FALSE
703459	K	2	5	0.408	Increasing	FALSE
703459	Methane	0	6	-8888	No Trend	TRUE
703459	Mg	2	5	0.408	Increasing	FALSE
703459	Na	8	5	0.042	Increasing	TRUE
703459	pH, Lab	-4	4	0.167	Decreasing	FALSE
703459	SO4	4	5	0.242	Increasing	FALSE
703459	TDS	1	6	0.5	Increasing	FALSE
703461	Ca	6	5	0.117	Increasing	FALSE
703461	Cl	2	5	0.408	Increasing	FALSE
703461	CO3	-1	4	0.5	Decreasing	FALSE
703461	HCO3	6	4	0.042	Increasing	TRUE
703461	K	2	5	0.408	Increasing	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
703461	Methane	10	5	0.008	Increasing	TRUE
703461	Mg	2	5	0.408	Increasing	FALSE
703461	Na	10	5	0.008	Increasing	TRUE
703461	pH, Lab	-8	5	0.042	Decreasing	TRUE
703461	SO4	-7	5	0.08	Decreasing	FALSE
703461	TDS	2	5	0.408	Increasing	FALSE
703462	Ca	0	5	0.592	No Trend	FALSE
703462	Cl	4	5	0.242	Increasing	FALSE
703462	CO3	1	4	0.5	Increasing	FALSE
703462	HCO3	0	4	0.625	No Trend	FALSE
703462	K	0	5	0.592	No Trend	FALSE
703462	Methane	5	5	0.18	Increasing	FALSE
703462	Mg	2	5	0.408	Increasing	FALSE
703462	Na	-6	5	0.117	Decreasing	FALSE
703462	pH, Lab	-8	5	0.042	Decreasing	TRUE
703462	SO4	10	5	0.008	Increasing	TRUE
703462	TDS	2	5	0.408	Increasing	FALSE
703463	Methane	0	4	0.625	No Trend	FALSE
703464	Methane	0	4	0.625	No Trend	FALSE
703466	Ca	6	5	0.117	Increasing	FALSE
703466	Cl	1	4	0.5	Increasing	FALSE
703466	CO3	-3	4	0.271	Decreasing	FALSE
703466	HCO3	6	4	0.042	Increasing	TRUE
703466	K	8	5	0.042	Increasing	TRUE
703466	Methane	-4	5	0.242	Decreasing	FALSE
703466	Mg	4	5	0.242	Increasing	FALSE
703466	Na	2	5	0.408	Increasing	FALSE
703466	pH, Lab	0	5	0.592	No Trend	FALSE
703466	SO4	4	5	0.242	Increasing	FALSE
703466	TDS	6	5	0.117	Increasing	FALSE
703467	Ca	4	4	0.167	Increasing	FALSE
703467	Cl	5	4	0.105	Increasing	FALSE
703467	K	1	4	0.5	Increasing	FALSE
703467	Methane	3	4	0.271	Increasing	FALSE
703467	Mg	4	4	0.167	Increasing	FALSE
703467	Na	0	4	0.625	No Trend	FALSE
703467	pH, Lab	-2	4	0.375	Decreasing	FALSE
703467	SO4	-6	4	0.042	Decreasing	TRUE
703467	TDS	-2	4	0.375	Decreasing	FALSE
703468	Ca	4	5	0.242	Increasing	FALSE
703468	Cl	3	5	0.325	Increasing	FALSE
703468	K	1	5	0.5	Increasing	FALSE
703468	Methane	0	5	0.592	No Trend	FALSE
703468	Mg	3	5	0.325	Increasing	FALSE
703468	Na	2	5	0.408	Increasing	FALSE
703468	pH, Lab	-4	5	0.242	Decreasing	FALSE
703468	SO4	-6	5	0.117	Decreasing	FALSE
703468	TDS	6	5	0.117	Increasing	FALSE
703469	Methane	1	4	0.5	Increasing	FALSE
703470	Ca	-1	4	0.5	Decreasing	FALSE
703470	Cl	2	4	0.375	Increasing	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
703470	K	0	4	0.625	No Trend	FALSE
703470	Methane	1	4	0.5	Increasing	FALSE
703470	Mg	0	4	0.625	No Trend	FALSE
703470	Na	0	4	0.625	No Trend	FALSE
703470	pH, Lab	0	4	0.625	No Trend	FALSE
703470	SO4	3	4	0.271	Increasing	FALSE
703470	TDS	-2	4	0.375	Decreasing	FALSE
703471	ALK, Total	-1	4	0.5	Decreasing	FALSE
703471	Ca	-5	5	0.18	Decreasing	FALSE
703471	Cl	6	4	0.042	Increasing	TRUE
703471	CO3	0	4	0.625	No Trend	FALSE
703471	HCO3	-1	4	0.5	Decreasing	FALSE
703471	K	-7	5	0.08	Decreasing	FALSE
703471	Methane	2	5	0.408	Increasing	FALSE
703471	Mg	-5	5	0.18	Decreasing	FALSE
703471	Na	5	5	0.18	Increasing	FALSE
703471	pH, Lab	1	5	0.5	Increasing	FALSE
703471	SO4	9	5	0.025	Increasing	TRUE
703471	TDS	-4	4	0.167	Decreasing	FALSE
703472	Ca	-4	4	0.167	Decreasing	FALSE
703472	Cl	1	4	0.5	Increasing	FALSE
703472	K	-3	4	0.271	Decreasing	FALSE
703472	Methane	1	4	0.5	Increasing	FALSE
703472	Mg	-4	4	0.167	Decreasing	FALSE
703472	Na	-2	4	0.375	Decreasing	FALSE
703472	pH, Lab	0	4	0.625	No Trend	FALSE
703472	SO4	-2	4	0.375	Decreasing	FALSE
703472	TDS	-2	4	0.375	Decreasing	FALSE
703473	Methane	0	4	0.625	No Trend	FALSE
703474	ALK, Total	4	4	0.167	Increasing	FALSE
703474	Ca	0	5	0.592	No Trend	FALSE
703474	Cl	4	4	0.167	Increasing	FALSE
703474	CO3	-3	4	0.271	Decreasing	FALSE
703474	HCO3	2	4	0.375	Increasing	FALSE
703474	K	0	5	0.592	No Trend	FALSE
703474	Methane	-7	5	0.08	Decreasing	FALSE
703474	Mg	0	5	0.592	No Trend	FALSE
703474	Na	2	5	0.408	Increasing	FALSE
703474	pH, Lab	-4	5	0.242	Decreasing	FALSE
703474	SO4	-4	5	0.242	Decreasing	FALSE
703474	TDS	8	5	0.042	Increasing	TRUE
703475	Ca	2	5	0.408	Increasing	FALSE
703475	Cl	5	5	0.18	Increasing	FALSE
703475	CO3	0	4	0.625	No Trend	FALSE
703475	HCO3	2	4	0.375	Increasing	FALSE
703475	K	-1	5	0.5	Decreasing	FALSE
703475	Methane	2	5	0.408	Increasing	FALSE
703475	Mg	-6	5	0.117	Decreasing	FALSE
703475	Na	-3	5	0.325	Decreasing	FALSE
703475	pH, Lab	5	5	0.18	Increasing	FALSE
703475	SO4	-7	5	0.08	Decreasing	FALSE

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<b>Well ID</b>	<b>Analyte</b>	<b>S</b>	<b>N</b>	<b>Probability</b>	<b>Trend</b>	<b>Significance</b>
703475	TDS	6	5	0.117	Increasing	FALSE
703476	ALK, Total	4	4	0.167	Increasing	FALSE
703476	Ca	0	5	0.592	No Trend	FALSE
703476	Cl	6	5	0.117	Increasing	FALSE
703476	CO3	-1	4	0.5	Decreasing	FALSE
703476	HCO3	6	4	0.042	Increasing	TRUE
703476	K	-4	5	0.242	Decreasing	FALSE
703476	Methane	-8	6	0.102	Decreasing	FALSE
703476	Mg	-1	5	0.5	Decreasing	FALSE
703476	Na	6	5	0.117	Increasing	FALSE
703476	pH, Lab	0	5	0.592	No Trend	FALSE
703476	SO4	2	5	0.408	Increasing	FALSE
703476	TDS	6	5	0.117	Increasing	FALSE
703477	Ca	-6	5	0.117	Decreasing	FALSE
703477	Cl	7	5	0.08	Increasing	FALSE
703477	CO3	-1	4	0.5	Decreasing	FALSE
703477	HCO3	6	4	0.042	Increasing	TRUE
703477	K	-9	5	0.025	Decreasing	TRUE
703477	Methane	2	5	0.408	Increasing	FALSE
703477	Mg	-7	5	0.08	Decreasing	FALSE
703477	Na	-1	5	0.5	Decreasing	FALSE
703477	pH, Lab	2	5	0.408	Increasing	FALSE
703477	SO4	0	5	0.592	No Trend	FALSE
703477	TDS	0	5	0.592	No Trend	FALSE
703478	Ca	2	4	0.375	Increasing	FALSE
703478	K	0	4	0.625	No Trend	FALSE
703478	Methane	0	4	0.625	No Trend	FALSE
703478	Mg	1	4	0.5	Increasing	FALSE
703478	Na	0	4	0.625	No Trend	FALSE
703478	pH, Lab	1	4	0.5	Increasing	FALSE
703478	SO4	-4	4	0.167	Decreasing	FALSE
703478	TDS	-4	4	0.167	Decreasing	FALSE
703479	Methane	-2	4	0.375	Decreasing	FALSE
703479	TDS	-4	4	0.167	Decreasing	FALSE
703481	Ca	2	4	0.375	Increasing	FALSE
703481	Cl	6	4	0.042	Increasing	TRUE
703481	K	1	4	0.5	Increasing	FALSE
703481	Methane	0	4	0.625	No Trend	FALSE
703481	Mg	2	4	0.375	Increasing	FALSE
703481	Na	-2	4	0.375	Decreasing	FALSE
703481	pH, Lab	0	4	0.625	No Trend	FALSE
703481	SO4	-1	4	0.5	Decreasing	FALSE
703481	TDS	0	4	0.625	No Trend	FALSE
703486	Ca	2	4	0.375	Increasing	FALSE
703486	Cl	1	4	0.5	Increasing	FALSE
703486	K	3	4	0.271	Increasing	FALSE
703486	Methane	6	4	0.042	Increasing	TRUE
703486	Mg	0	4	0.625	No Trend	FALSE
703486	Na	6	4	0.042	Increasing	TRUE
703486	pH, Lab	0	4	0.625	No Trend	FALSE
703486	SO4	2	4	0.375	Increasing	FALSE



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Well ID	Analyte	S	N	Probability	Trend	Significance
703486	TDS	0	4	0.625	No Trend	FALSE
703487	Ca	2	4	0.375	Increasing	FALSE
703487	Cl	5	4	0.105	Increasing	FALSE
703487	K	3	4	0.271	Increasing	FALSE
703487	Methane	0	4	0.625	No Trend	FALSE
703487	Mg	-2	4	0.375	Decreasing	FALSE
703487	Na	0	4	0.625	No Trend	FALSE
703487	pH, Lab	0	4	0.625	No Trend	FALSE
703487	SO4	0	4	0.625	No Trend	FALSE
703487	TDS	0	4	0.625	No Trend	FALSE
703489	ALK, Total	-16	10	0.093	Decreasing	FALSE
703489	Ca	-45	13	0.003	Decreasing	TRUE
703489	Cl	-34	16	0.07	Decreasing	FALSE
703489	CO3	0	8	0.548	No Trend	FALSE
703489	HCO3	-9	9	0.209	Decreasing	FALSE
703489	K	-9	13	0.317	Decreasing	FALSE
703489	Mg	-2	9	0.46	Decreasing	FALSE
703489	Na	-25	13	0.073	Decreasing	FALSE
703489	pH, Lab	13	12	0.21	Increasing	FALSE
703489	SO4	-26	13	0.064	Decreasing	FALSE
703489	TDS	-23	12	0.067	Decreasing	FALSE
703491	Ca	0	4	0.625	No Trend	FALSE
703491	Cl	3	4	0.271	Increasing	FALSE
703491	K	-2	4	0.375	Decreasing	FALSE
703491	Methane	1	4	0.5	Increasing	FALSE
703491	Mg	4	4	0.167	Increasing	FALSE
703491	Na	0	4	0.625	No Trend	FALSE
703491	pH, Lab	0	4	0.625	No Trend	FALSE
703491	SO4	-2	4	0.375	Decreasing	FALSE
703491	TDS	2	4	0.375	Increasing	FALSE
703492	ALK, Total	4	5	0.242	Increasing	FALSE
703492	Ca	4	5	0.242	Increasing	FALSE
703492	CO3	0	5	0.592	No Trend	FALSE
703492	HCO3	4	5	0.242	Increasing	FALSE
703492	K	7	5	0.08	Increasing	FALSE
703492	Methane	8	9	0.238	Increasing	FALSE
703492	Mg	4	5	0.242	Increasing	FALSE
703492	Na	-6	5	0.117	Decreasing	FALSE
703492	pH, Lab	-2	5	0.408	Decreasing	FALSE
703492	SO4	-9	5	0.025	Decreasing	TRUE
703492	TDS	0	5	0.592	No Trend	FALSE
703493	Ca	4	4	0.167	Increasing	FALSE
703493	Cl	2	4	0.375	Increasing	FALSE
703493	K	5	4	0.105	Increasing	FALSE
703493	Methane	2	4	0.375	Increasing	FALSE
703493	Mg	1	4	0.5	Increasing	FALSE
703493	Na	2	4	0.375	Increasing	FALSE
703493	pH, Lab	4	4	0.167	Increasing	FALSE
703493	SO4	2	4	0.375	Increasing	FALSE
703493	TDS	0	4	0.625	No Trend	FALSE
703494	ALK, Total	-6	4	0.042	Decreasing	TRUE

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Well ID	Analyte	S	N	Probability	Trend	Significance
703494	Ca	-4	5	0.242	Decreasing	FALSE
703494	Cl	-3	4	0.271	Decreasing	FALSE
703494	CO3	0	4	0.625	No Trend	FALSE
703494	HCO3	-6	4	0.042	Decreasing	TRUE
703494	K	-3	5	0.325	Decreasing	FALSE
703494	Methane	0	5	0.592	No Trend	FALSE
703494	Mg	-7	5	0.08	Decreasing	FALSE
703494	Na	-3	5	0.325	Decreasing	FALSE
703494	pH, Lab	-10	5	0.008	Decreasing	TRUE
703494	SO4	-4	5	0.242	Decreasing	FALSE
703494	TDS	-5	5	0.18	Decreasing	FALSE
703497	Ca	-2	4	0.375	Decreasing	FALSE
703497	Cl	1	4	0.5	Increasing	FALSE
703497	CO3	-3	4	0.271	Decreasing	FALSE
703497	HCO3	-2	4	0.375	Decreasing	FALSE
703497	K	1	4	0.5	Increasing	FALSE
703497	Mg	-2	4	0.375	Decreasing	FALSE
703497	Na	2	4	0.375	Increasing	FALSE
703497	pH, Lab	-2	4	0.375	Decreasing	FALSE
703497	SO4	-2	4	0.375	Decreasing	FALSE
703497	TDS	-4	4	0.167	Decreasing	FALSE
703504	Methane	-5	6	0.235	Decreasing	FALSE
703505	ALK, Total	2	4	0.375	Increasing	FALSE
703505	Ca	-4	6	0.298	Decreasing	FALSE
703505	Cl	5	6	0.235	Increasing	FALSE
703505	CO3	0	4	0.625	No Trend	FALSE
703505	HCO3	2	4	0.375	Increasing	FALSE
703505	K	1	6	0.5	Increasing	FALSE
703505	Methane	0	6	-8888	No Trend	TRUE
703505	Mg	0	6	-8888	No Trend	TRUE
703505	Na	7	6	0.136	Increasing	FALSE
703505	pH, Lab	0	6	-8888	No Trend	TRUE
703505	SO4	0	6	-8888	No Trend	TRUE
703505	TDS	6	6	0.186	Increasing	FALSE
703507	Ca	-2	4	0.375	Decreasing	FALSE
703507	K	-3	4	0.271	Decreasing	FALSE
703507	Methane	4	5	0.242	Increasing	FALSE
703507	Mg	0	4	0.625	No Trend	FALSE
703507	Na	4	4	0.167	Increasing	FALSE
703507	pH, Lab	4	4	0.167	Increasing	FALSE
703507	SO4	-3	4	0.271	Decreasing	FALSE
703507	TDS	-4	5	0.242	Decreasing	FALSE
703508	Ca	0	4	0.625	No Trend	FALSE
703508	K	-1	4	0.5	Decreasing	FALSE
703508	Methane	0	4	0.625	No Trend	FALSE
703508	Mg	2	4	0.375	Increasing	FALSE
703508	Na	2	4	0.375	Increasing	FALSE
703508	pH, Lab	6	4	0.042	Increasing	TRUE
703508	SO4	-6	4	0.042	Decreasing	TRUE
703508	TDS	0	4	0.625	No Trend	FALSE
703509	Ca	-6	4	0.042	Decreasing	TRUE

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Well ID	Analyte	S	N	Probability	Trend	Significance
703509	K	-3	4	0.271	Decreasing	FALSE
703509	Methane	0	4	0.625	No Trend	FALSE
703509	Mg	-1	4	0.5	Decreasing	FALSE
703509	Na	-2	4	0.375	Decreasing	FALSE
703509	pH, Lab	-4	4	0.167	Decreasing	FALSE
703509	SO4	-2	4	0.375	Decreasing	FALSE
703509	TDS	-4	4	0.167	Decreasing	FALSE
703510	Ca	4	4	0.167	Increasing	FALSE
703510	K	-3	4	0.271	Decreasing	FALSE
703510	Methane	0	4	0.625	No Trend	FALSE
703510	Mg	5	4	0.105	Increasing	FALSE
703510	Na	-4	4	0.167	Decreasing	FALSE
703510	pH, Lab	3	4	0.271	Increasing	FALSE
703510	SO4	-2	4	0.375	Decreasing	FALSE
703510	TDS	-2	4	0.375	Decreasing	FALSE
703512	Ca	-6	4	0.042	Decreasing	TRUE
703512	Cl	3	4	0.271	Increasing	FALSE
703512	K	-5	4	0.105	Decreasing	FALSE
703512	Methane	0	4	0.625	No Trend	FALSE
703512	Mg	-5	4	0.105	Decreasing	FALSE
703512	Na	2	4	0.375	Increasing	FALSE
703512	pH, Lab	0	4	0.625	No Trend	FALSE
703512	SO4	-5	4	0.105	Decreasing	FALSE
703512	TDS	-4	4	0.167	Decreasing	FALSE
703513	Ca	-3	4	0.271	Decreasing	FALSE
703513	Cl	4	4	0.167	Increasing	FALSE
703513	K	-3	4	0.271	Decreasing	FALSE
703513	Methane	0	4	0.625	No Trend	FALSE
703513	Mg	-3	4	0.271	Decreasing	FALSE
703513	Na	6	4	0.042	Increasing	TRUE
703513	pH, Lab	-2	4	0.375	Decreasing	FALSE
703513	SO4	2	4	0.375	Increasing	FALSE
703513	TDS	-2	4	0.375	Decreasing	FALSE
703514	Ca	0	4	0.625	No Trend	FALSE
703514	K	-4	4	0.167	Decreasing	FALSE
703514	Methane	0	4	0.625	No Trend	FALSE
703514	Mg	-1	4	0.5	Decreasing	FALSE
703514	Na	-6	4	0.042	Decreasing	TRUE
703514	pH, Lab	-5	4	0.105	Decreasing	FALSE
703514	SO4	0	4	0.625	No Trend	FALSE
703514	TDS	-4	4	0.167	Decreasing	FALSE
703515	Ca	2	4	0.375	Increasing	FALSE
703515	Cl	-4	4	0.167	Decreasing	FALSE
703515	K	2	4	0.375	Increasing	FALSE
703515	Methane	-3	4	0.271	Decreasing	FALSE
703515	Mg	2	4	0.375	Increasing	FALSE
703515	Na	-2	4	0.375	Decreasing	FALSE
703515	pH, Lab	-4	4	0.167	Decreasing	FALSE
703515	SO4	2	4	0.375	Increasing	FALSE
703515	TDS	2	4	0.375	Increasing	FALSE
703516	Ca	4	5	0.242	Increasing	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
703516	Cl	4	4	0.167	Increasing	FALSE
703516	K	3	5	0.325	Increasing	FALSE
703516	Methane	0	5	0.592	No Trend	FALSE
703516	Mg	2	5	0.408	Increasing	FALSE
703516	Na	-6	5	0.117	Decreasing	FALSE
703516	pH, Lab	2	5	0.408	Increasing	FALSE
703516	SO4	-6	5	0.117	Decreasing	FALSE
703516	TDS	-4	5	0.242	Decreasing	FALSE
703517	Ca	-4	4	0.167	Decreasing	FALSE
703517	K	1	4	0.5	Increasing	FALSE
703517	Methane	0	4	0.625	No Trend	FALSE
703517	Mg	-2	4	0.375	Decreasing	FALSE
703517	Na	-4	4	0.167	Decreasing	FALSE
703517	pH, Lab	-5	4	0.105	Decreasing	FALSE
703517	SO4	-2	4	0.375	Decreasing	FALSE
703517	TDS	-3	4	0.271	Decreasing	FALSE
703518	Ca	0	5	0.592	No Trend	FALSE
703518	Cl	-9	5	0.025	Decreasing	TRUE
703518	K	-5	5	0.18	Decreasing	FALSE
703518	Methane	0	6	-8888	No Trend	TRUE
703518	Mg	-2	5	0.408	Decreasing	FALSE
703518	Na	-6	5	0.117	Decreasing	FALSE
703518	pH, Lab	-6	5	0.117	Decreasing	FALSE
703518	SO4	0	5	0.592	No Trend	FALSE
703518	TDS	7	5	0.08	Increasing	FALSE
703520	Ca	-6	4	0.042	Decreasing	TRUE
703520	K	0	4	0.625	No Trend	FALSE
703520	Methane	0	4	0.625	No Trend	FALSE
703520	Mg	-5	4	0.105	Decreasing	FALSE
703520	Na	2	4	0.375	Increasing	FALSE
703520	pH, Lab	2	4	0.375	Increasing	FALSE
703520	SO4	-4	4	0.167	Decreasing	FALSE
703520	TDS	-4	4	0.167	Decreasing	FALSE
703521	Ca	-2	4	0.375	Decreasing	FALSE
703521	Cl	-2	4	0.375	Decreasing	FALSE
703521	K	-3	4	0.271	Decreasing	FALSE
703521	Methane	1	4	0.5	Increasing	FALSE
703521	Mg	-2	4	0.375	Decreasing	FALSE
703521	Na	-2	4	0.375	Decreasing	FALSE
703521	pH, Lab	2	4	0.375	Increasing	FALSE
703521	SO4	0	4	0.625	No Trend	FALSE
703521	TDS	1	4	0.5	Increasing	FALSE
703522	Ca	-6	4	0.042	Decreasing	TRUE
703522	Cl	3	4	0.271	Increasing	FALSE
703522	K	-2	4	0.375	Decreasing	FALSE
703522	Methane	0	4	0.625	No Trend	FALSE
703522	Mg	0	4	0.625	No Trend	FALSE
703522	Na	0	4	0.625	No Trend	FALSE
703522	pH, Lab	0	4	0.625	No Trend	FALSE
703522	SO4	-4	4	0.167	Decreasing	FALSE
703522	TDS	-4	4	0.167	Decreasing	FALSE

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703523	Ca	6	5	0.117	Increasing	FALSE
703523	Cl	5	5	0.18	Increasing	FALSE
703523	K	0	5	0.592	No Trend	FALSE
703523	Methane	4	5	0.242	Increasing	FALSE
703523	Mg	0	5	0.592	No Trend	FALSE
703523	Na	6	5	0.117	Increasing	FALSE
703523	pH, Lab	-5	5	0.18	Decreasing	FALSE
703523	SO4	4	5	0.242	Increasing	FALSE
703523	TDS	0	5	0.592	No Trend	FALSE
703525	Ca	-4	4	0.167	Decreasing	FALSE
703525	Cl	1	4	0.5	Increasing	FALSE
703525	K	-1	4	0.5	Decreasing	FALSE
703525	Methane	0	4	0.625	No Trend	FALSE
703525	Mg	-6	4	0.042	Decreasing	TRUE
703525	Na	-2	4	0.375	Decreasing	FALSE
703525	pH, Lab	1	4	0.5	Increasing	FALSE
703525	SO4	1	4	0.5	Increasing	FALSE
703525	TDS	-4	4	0.167	Decreasing	FALSE
703526	Ca	2	5	0.408	Increasing	FALSE
703526	Cl	6	5	0.117	Increasing	FALSE
703526	K	6	5	0.117	Increasing	FALSE
703526	Methane	0	5	0.592	No Trend	FALSE
703526	Mg	3	5	0.325	Increasing	FALSE
703526	Na	10	5	0.008	Increasing	TRUE
703526	pH, Lab	-2	5	0.408	Decreasing	FALSE
703526	SO4	6	5	0.117	Increasing	FALSE
703526	TDS	4	5	0.242	Increasing	FALSE
703527	Ca	-6	4	0.042	Decreasing	TRUE
703527	Cl	-6	4	0.042	Decreasing	TRUE
703527	K	-3	4	0.271	Decreasing	FALSE
703527	Methane	0	4	0.625	No Trend	FALSE
703527	Mg	-6	4	0.042	Decreasing	TRUE
703527	Na	4	4	0.167	Increasing	FALSE
703527	pH, Lab	2	4	0.375	Increasing	FALSE
703527	SO4	4	4	0.167	Increasing	FALSE
703527	TDS	-3	4	0.271	Decreasing	FALSE
705906	Ca	6	4	0.042	Increasing	TRUE
705906	Cl	-2	4	0.375	Decreasing	FALSE
705906	K	2	4	0.375	Increasing	FALSE
705906	Methane	-3	10	0.431	Decreasing	FALSE
705906	Mg	0	4	0.625	No Trend	FALSE
705906	Na	6	4	0.042	Increasing	TRUE
705906	pH, Lab	-6	4	0.042	Decreasing	TRUE
705906	SO4	4	4	0.167	Increasing	FALSE
705906	TDS	4	4	0.167	Increasing	FALSE
705907	Ca	6	4	0.042	Increasing	TRUE
705907	Cl	0	4	0.625	No Trend	FALSE
705907	K	2	4	0.375	Increasing	FALSE
705907	Methane	-21	12	0.087	Decreasing	FALSE
705907	Mg	3	4	0.271	Increasing	FALSE
705907	Na	2	4	0.375	Increasing	FALSE

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705907	pH, Lab	-2	4	0.375	Decreasing	FALSE
705907	SO4	0	4	0.625	No Trend	FALSE
705907	TDS	2	4	0.375	Increasing	FALSE
705908	Ca	-5	4	0.105	Decreasing	FALSE
705908	K	3	4	0.271	Increasing	FALSE
705908	Methane	-2	4	0.375	Decreasing	FALSE
705908	Mg	3	4	0.271	Increasing	FALSE
705908	Na	1	4	0.5	Increasing	FALSE
705908	pH, Lab	0	4	0.625	No Trend	FALSE
705908	SO4	-6	4	0.042	Decreasing	TRUE
705908	TDS	-3	4	0.271	Decreasing	FALSE
705917	Methane	0	4	0.625	No Trend	FALSE
705918	Methane	1	4	0.5	Increasing	FALSE
705920	Ca	2	4	0.375	Increasing	FALSE
705920	Cl	2	4	0.375	Increasing	FALSE
705920	K	1	4	0.5	Increasing	FALSE
705920	Methane	-6	4	0.042	Decreasing	TRUE
705920	Mg	0	4	0.625	No Trend	FALSE
705920	Na	2	4	0.375	Increasing	FALSE
705920	pH, Lab	-2	4	0.375	Decreasing	FALSE
705920	SO4	-1	4	0.5	Decreasing	FALSE
705920	TDS	2	4	0.375	Increasing	FALSE
705921	Ca	6	4	0.042	Increasing	TRUE
705921	Cl	-3	4	0.271	Decreasing	FALSE
705921	K	5	4	0.105	Increasing	FALSE
705921	Methane	-4	4	0.167	Decreasing	FALSE
705921	Mg	3	4	0.271	Increasing	FALSE
705921	Na	6	4	0.042	Increasing	TRUE
705921	pH, Lab	-4	4	0.167	Decreasing	FALSE
705921	SO4	2	4	0.375	Increasing	FALSE
705921	TDS	4	4	0.167	Increasing	FALSE
705922	Methane	1	4	0.5	Increasing	FALSE
705924	Methane	1	4	0.5	Increasing	FALSE
705925	Ca	-2	4	0.375	Decreasing	FALSE
705925	K	5	4	0.105	Increasing	FALSE
705925	Methane	0	4	0.625	No Trend	FALSE
705925	Mg	-4	4	0.167	Decreasing	FALSE
705925	Na	0	4	0.625	No Trend	FALSE
705925	pH, Lab	2	4	0.375	Increasing	FALSE
705925	SO4	0	4	0.625	No Trend	FALSE
705925	TDS	-2	4	0.375	Decreasing	FALSE
705931	Ca	-1	4	0.5	Decreasing	FALSE
705931	Cl	1	4	0.5	Increasing	FALSE
705931	K	-3	4	0.271	Decreasing	FALSE
705931	Methane	0	4	0.624	No Trend	FALSE
705931	Mg	0	4	0.625	No Trend	FALSE
705931	Na	-2	4	0.375	Decreasing	FALSE
705931	pH, Lab	0	4	0.625	No Trend	FALSE
705931	SO4	4	4	0.167	Increasing	FALSE
705931	TDS	3	4	0.271	Increasing	FALSE
705932	Ca	-2	4	0.375	Decreasing	FALSE

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<b>Well ID</b>	<b>Analyte</b>	<b>S</b>	<b>N</b>	<b>Probability</b>	<b>Trend</b>	<b>Significance</b>
705932	Cl	1	4	0.5	Increasing	FALSE
705932	K	0	4	0.625	No Trend	FALSE
705932	Methane	4	4	0.167	Increasing	FALSE
705932	Mg	0	4	0.625	No Trend	FALSE
705932	Na	3	4	0.271	Increasing	FALSE
705932	pH, Lab	0	4	0.625	No Trend	FALSE
705932	SO4	0	4	0.625	No Trend	FALSE
705932	TDS	0	4	0.625	No Trend	FALSE
705937	Ca	-2	4	0.375	Decreasing	FALSE
705937	Cl	3	4	0.271	Increasing	FALSE
705937	K	1	4	0.5	Increasing	FALSE
705937	Methane	4	4	0.167	Increasing	FALSE
705937	Mg	-2	4	0.375	Decreasing	FALSE
705937	Na	2	4	0.375	Increasing	FALSE
705937	pH, Lab	-3	4	0.271	Decreasing	FALSE
705937	SO4	5	4	0.105	Increasing	FALSE
705937	TDS	0	4	0.625	No Trend	FALSE
705938	Ca	4	4	0.167	Increasing	FALSE
705938	Cl	2	4	0.375	Increasing	FALSE
705938	K	0	4	0.625	No Trend	FALSE
705938	Methane	2	5	0.408	Increasing	FALSE
705938	Mg	0	4	0.625	No Trend	FALSE
705938	Na	2	4	0.375	Increasing	FALSE
705938	pH, Lab	0	4	0.625	No Trend	FALSE
705938	SO4	4	4	0.167	Increasing	FALSE
705938	TDS	0	4	0.625	No Trend	FALSE
705939	ALK, Total	3	5	0.325	Increasing	FALSE
705939	Ca	0	5	0.592	No Trend	FALSE
705939	Cl	2	5	0.408	Increasing	FALSE
705939	CO3	0	5	0.592	No Trend	FALSE
705939	HCO3	2	5	0.408	Increasing	FALSE
705939	K	-1	5	0.5	Decreasing	FALSE
705939	Methane	2	5	0.408	Increasing	FALSE
705939	Mg	-1	5	0.5	Decreasing	FALSE
705939	Na	6	5	0.117	Increasing	FALSE
705939	pH, Lab	0	5	0.592	No Trend	FALSE
705939	SO4	0	5	0.592	No Trend	FALSE
705939	TDS	-2	5	0.408	Decreasing	FALSE
705950	Ca	4	4	0.167	Increasing	FALSE
705950	K	3	4	0.271	Increasing	FALSE
705950	Methane	-3	4	0.271	Decreasing	FALSE
705950	Mg	4	4	0.167	Increasing	FALSE
705950	Na	-4	4	0.167	Decreasing	FALSE
705950	pH, Lab	-4	4	0.167	Decreasing	FALSE
705950	SO4	-2	4	0.375	Decreasing	FALSE
705950	TDS	-2	4	0.375	Decreasing	FALSE
705951	Methane	0	4	0.625	No Trend	FALSE
705952	ALK, Total	0	4	0.625	No Trend	FALSE
705952	Ca	-2	4	0.375	Decreasing	FALSE
705952	CO3	-1	4	0.5	Decreasing	FALSE
705952	HCO3	0	4	0.625	No Trend	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
705952	K	1	4	0.5	Increasing	FALSE
705952	Methane	3	4	0.271	Increasing	FALSE
705952	Mg	-4	4	0.167	Decreasing	FALSE
705952	Na	0	4	0.625	No Trend	FALSE
705952	pH, Lab	-6	4	0.042	Decreasing	TRUE
705952	SO4	5	4	0.105	Increasing	FALSE
705952	TDS	2	4	0.375	Increasing	FALSE
705959	Ca	-2	4	0.375	Decreasing	FALSE
705959	K	1	4	0.5	Increasing	FALSE
705959	Methane	0	4	0.625	No Trend	FALSE
705959	Mg	-2	4	0.375	Decreasing	FALSE
705959	Na	2	4	0.375	Increasing	FALSE
705959	pH, Lab	2	4	0.375	Increasing	FALSE
705959	SO4	-3	4	0.271	Decreasing	FALSE
705959	TDS	0	4	0.625	No Trend	FALSE
705962	Ca	-2	4	0.375	Decreasing	FALSE
705962	K	-6	4	0.042	Decreasing	TRUE
705962	Methane	-2	4	0.375	Decreasing	FALSE
705962	Mg	-2	4	0.375	Decreasing	FALSE
705962	Na	-6	4	0.042	Decreasing	TRUE
705962	pH, Lab	-4	4	0.167	Decreasing	FALSE
705962	SO4	-3	4	0.271	Decreasing	FALSE
705962	TDS	-2	4	0.375	Decreasing	FALSE
705965	Ca	1	4	0.5	Increasing	FALSE
705965	K	3	4	0.271	Increasing	FALSE
705965	Methane	0	4	0.625	No Trend	FALSE
705965	Mg	0	4	0.625	No Trend	FALSE
705965	Na	2	4	0.375	Increasing	FALSE
705965	pH, Lab	-4	4	0.167	Decreasing	FALSE
705965	SO4	1	4	0.5	Increasing	FALSE
705965	TDS	2	4	0.375	Increasing	FALSE
705967	Ca	-6	4	0.042	Decreasing	TRUE
705967	Cl	1	4	0.5	Increasing	FALSE
705967	K	-2	4	0.375	Decreasing	FALSE
705967	Methane	-2	4	0.375	Decreasing	FALSE
705967	Mg	0	4	0.625	No Trend	FALSE
705967	Na	0	4	0.625	No Trend	FALSE
705967	pH, Lab	-2	4	0.375	Decreasing	FALSE
705967	SO4	0	4	0.625	No Trend	FALSE
705967	TDS	4	4	0.167	Increasing	FALSE
705968	Ca	-4	4	0.167	Decreasing	FALSE
705968	Cl	0	4	0.625	No Trend	FALSE
705968	K	-3	4	0.271	Decreasing	FALSE
705968	Methane	2	4	0.375	Increasing	FALSE
705968	Mg	-4	4	0.167	Decreasing	FALSE
705968	Na	-2	4	0.375	Decreasing	FALSE
705968	pH, Lab	-2	4	0.375	Decreasing	FALSE
705968	SO4	0	4	0.625	No Trend	FALSE
705968	TDS	-2	4	0.375	Decreasing	FALSE
705969	Ca	2	4	0.375	Increasing	FALSE
705969	Cl	0	4	0.625	No Trend	FALSE



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705969	K	-3	4	0.271	Decreasing	FALSE
705969	Methane	-2	4	0.375	Decreasing	FALSE
705969	Mg	0	4	0.625	No Trend	FALSE
705969	Na	6	4	0.042	Increasing	TRUE
705969	pH, Lab	-6	4	0.042	Decreasing	TRUE
705969	SO4	3	4	0.271	Increasing	FALSE
705969	TDS	-2	4	0.375	Decreasing	FALSE
705971	Methane	1	4	0.5	Increasing	FALSE
705973	ALK, Total	0	4	0.625	No Trend	FALSE
705973	Ca	0	5	0.592	No Trend	FALSE
705973	CO3	3	4	0.271	Increasing	FALSE
705973	HCO3	0	4	0.625	No Trend	FALSE
705973	K	-2	5	0.408	Decreasing	FALSE
705973	Methane	0	5	0.592	No Trend	FALSE
705973	Mg	1	5	0.5	Increasing	FALSE
705973	Na	0	5	0.592	No Trend	FALSE
705973	pH, Lab	2	5	0.408	Increasing	FALSE
705973	SO4	-2	5	0.408	Decreasing	FALSE
705973	TDS	0	5	0.592	No Trend	FALSE
705979	ALK, Total	9	6	0.068	Increasing	FALSE
705979	Ca	6	8	0.274	Increasing	FALSE
705979	Cl	2	8	0.452	Increasing	FALSE
705979	CO3	7	6	0.136	Increasing	FALSE
705979	HCO3	1	6	0.5	Increasing	FALSE
705979	K	-5	8	0.317	Decreasing	FALSE
705979	Methane	-3	10	0.431	Decreasing	FALSE
705979	Mg	0	8	0.548	No Trend	FALSE
705979	Na	5	8	0.317	Increasing	FALSE
705979	pH, Lab	4	8	0.36	Increasing	FALSE
705979	SO4	-22	8	0.002	Decreasing	TRUE
705979	TDS	5	8	0.317	Increasing	FALSE
705980	ALK, Total	5	6	0.235	Increasing	FALSE
705980	Ca	20	8	0.007	Increasing	TRUE
705980	Cl	11	8	0.114	Increasing	FALSE
705980	CO3	0	6	-8888	No Trend	TRUE
705980	HCO3	5	6	0.235	Increasing	FALSE
705980	K	-5	8	0.317	Decreasing	FALSE
705980	Methane	-20	8	0.007	Decreasing	TRUE
705980	Mg	0	8	0.548	No Trend	FALSE
705980	Na	14	8	0.054	Increasing	FALSE
705980	pH, Lab	-5	8	0.317	Decreasing	FALSE
705980	SO4	-7	8	0.237	Decreasing	FALSE
705980	TDS	7	8	0.237	Increasing	FALSE
705981	ALK, Total	9	6	0.068	Increasing	FALSE
705981	Ca	6	8	0.274	Increasing	FALSE
705981	Cl	14	8	0.054	Increasing	FALSE
705981	CO3	0	6	-8888	No Trend	TRUE
705981	HCO3	9	6	0.068	Increasing	FALSE
705981	K	3	8	0.406	Increasing	FALSE
705981	Methane	2	8	0.452	Increasing	FALSE
705981	Mg	9	8	0.169	Increasing	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
705981	Na	2	8	0.452	Increasing	FALSE
705981	pH, Lab	-1	8	0.5	Decreasing	FALSE
705981	SO4	6	8	0.274	Increasing	FALSE
705981	TDS	6	8	0.274	Increasing	FALSE
705987	Ca	0	4	0.625	No Trend	FALSE
705987	K	5	4	0.105	Increasing	FALSE
705987	Methane	0	4	0.625	No Trend	FALSE
705987	Mg	-2	4	0.375	Decreasing	FALSE
705987	Na	0	4	0.625	No Trend	FALSE
705987	pH, Lab	-1	4	0.5	Decreasing	FALSE
705987	SO4	1	4	0.5	Increasing	FALSE
705987	TDS	0	4	0.625	No Trend	FALSE
705991	Ca	0	4	0.625	No Trend	FALSE
705991	Cl	4	4	0.167	Increasing	FALSE
705991	K	1	4	0.5	Increasing	FALSE
705991	Methane	0	4	0.625	No Trend	FALSE
705991	Mg	0	4	0.625	No Trend	FALSE
705991	Na	2	4	0.375	Increasing	FALSE
705991	pH, Lab	-1	4	0.5	Decreasing	FALSE
705991	SO4	5	4	0.105	Increasing	FALSE
705991	TDS	4	4	0.167	Increasing	FALSE
705992	Methane	4	5	0.242	Increasing	FALSE
705992	TDS	2	4	0.375	Increasing	FALSE
705994	ALK, Total	-6	4	0.042	Decreasing	TRUE
705994	Ca	-2	4	0.375	Decreasing	FALSE
705994	Cl	-2	4	0.375	Decreasing	FALSE
705994	HCO3	-6	4	0.042	Decreasing	TRUE
705994	K	-2	4	0.375	Decreasing	FALSE
705994	Methane	0	4	0.625	No Trend	FALSE
705994	Mg	0	4	0.625	No Trend	FALSE
705994	Na	-4	4	0.167	Decreasing	FALSE
705994	pH, Lab	2	4	0.375	Increasing	FALSE
705994	SO4	-4	4	0.167	Decreasing	FALSE
705994	TDS	0	4	0.625	No Trend	FALSE
705995	Ca	4	6	0.298	Increasing	FALSE
705995	Cl	-2	6	0.43	Decreasing	FALSE
705995	CO3	1	6	0.5	Increasing	FALSE
705995	HCO3	-4	6	0.298	Decreasing	FALSE
705995	K	0	6	-8888	No Trend	TRUE
705995	Methane	5	6	0.235	Increasing	FALSE
705995	Mg	0	6	-8888	No Trend	TRUE
705995	Na	6	6	0.186	Increasing	FALSE
705995	pH, Lab	4	6	0.298	Increasing	FALSE
705995	SO4	-6	6	0.186	Decreasing	FALSE
705995	TDS	-8	5	0.042	Decreasing	TRUE
706028	ALK, Total	3	4	0.271	Increasing	FALSE
706028	Ca	2	5	0.408	Increasing	FALSE
706028	Cl	4	5	0.242	Increasing	FALSE
706028	CO3	0	5	0.592	No Trend	FALSE
706028	HCO3	3	5	0.325	Increasing	FALSE
706028	K	4	5	0.242	Increasing	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
706028	Methane	-5	6	0.235	Decreasing	FALSE
706028	Mg	0	5	0.592	No Trend	FALSE
706028	Na	6	5	0.117	Increasing	FALSE
706028	pH, Lab	0	4	0.625	No Trend	FALSE
706028	SO4	1	5	0.5	Increasing	FALSE
706028	TDS	1	5	0.5	Increasing	FALSE
706029	Ca	-6	4	0.042	Decreasing	TRUE
706029	Cl	0	4	0.625	No Trend	FALSE
706029	K	-3	4	0.271	Decreasing	FALSE
706029	Methane	0	4	0.625	No Trend	FALSE
706029	Mg	-2	4	0.375	Decreasing	FALSE
706029	Na	0	4	0.625	No Trend	FALSE
706029	pH, Lab	2	4	0.375	Increasing	FALSE
706029	SO4	2	4	0.375	Increasing	FALSE
706029	TDS	-2	4	0.375	Decreasing	FALSE
706030	ALK, Total	-1	5	0.5	Decreasing	FALSE
706030	Ca	1	5	0.5	Increasing	FALSE
706030	Cl	2	5	0.408	Increasing	FALSE
706030	CO3	0	5	0.592	No Trend	FALSE
706030	HCO3	-1	5	0.5	Decreasing	FALSE
706030	K	8	5	0.042	Increasing	TRUE
706030	Methane	0	5	0.592	No Trend	FALSE
706030	Mg	-1	5	0.5	Decreasing	FALSE
706030	Na	2	5	0.408	Increasing	FALSE
706030	pH, Lab	0	5	0.592	No Trend	FALSE
706030	SO4	-8	5	0.042	Decreasing	TRUE
706030	TDS	6	5	0.117	Increasing	FALSE
706034	Ca	0	5	0.592	No Trend	FALSE
706034	Cl	-4	5	0.242	Decreasing	FALSE
706034	K	0	5	0.592	No Trend	FALSE
706034	Methane	8	5	0.042	Increasing	TRUE
706034	Mg	0	5	0.592	No Trend	FALSE
706034	Na	2	5	0.408	Increasing	FALSE
706034	pH, Lab	2	5	0.408	Increasing	FALSE
706034	SO4	2	5	0.408	Increasing	FALSE
706034	TDS	-4	5	0.242	Decreasing	FALSE
706037	Ca	4	4	0.167	Increasing	FALSE
706037	Cl	2	4	0.375	Increasing	FALSE
706037	K	1	4	0.5	Increasing	FALSE
706037	Mg	0	4	0.625	No Trend	FALSE
706037	Na	4	4	0.167	Increasing	FALSE
706037	pH, Lab	0	4	0.625	No Trend	FALSE
706037	SO4	0	4	0.625	No Trend	FALSE
706037	TDS	2	4	0.375	Increasing	FALSE
706039	Ca	2	4	0.375	Increasing	FALSE
706039	Cl	3	4	0.271	Increasing	FALSE
706039	K	-3	4	0.271	Decreasing	FALSE
706039	Mg	2	4	0.375	Increasing	FALSE
706039	Na	1	4	0.5	Increasing	FALSE
706039	pH, Lab	0	4	0.625	No Trend	FALSE
706039	SO4	2	4	0.375	Increasing	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
706039	TDS	-1	4	0.5	Decreasing	FALSE
706040	Ca	2	4	0.375	Increasing	FALSE
706040	Cl	-2	4	0.375	Decreasing	FALSE
706040	K	-1	4	0.5	Decreasing	FALSE
706040	Mg	0	4	0.625	No Trend	FALSE
706040	Na	-2	4	0.375	Decreasing	FALSE
706040	pH, Lab	0	4	0.625	No Trend	FALSE
706040	SO4	-2	4	0.375	Decreasing	FALSE
706040	TDS	-3	4	0.271	Decreasing	FALSE
706041	Ca	3	4	0.271	Increasing	FALSE
706041	Cl	-2	4	0.375	Decreasing	FALSE
706041	K	4	4	0.167	Increasing	FALSE
706041	Mg	5	4	0.105	Increasing	FALSE
706041	Na	-4	4	0.167	Decreasing	FALSE
706041	pH, Lab	-2	4	0.375	Decreasing	FALSE
706041	SO4	-2	4	0.375	Decreasing	FALSE
706041	TDS	-4	4	0.167	Decreasing	FALSE
706044	Ca	0	4	0.625	No Trend	FALSE
706044	Cl	3	4	0.271	Increasing	FALSE
706044	K	-2	4	0.375	Decreasing	FALSE
706044	Mg	4	4	0.167	Increasing	FALSE
706044	Na	0	4	0.625	No Trend	FALSE
706044	pH, Lab	1	4	0.5	Increasing	FALSE
706044	SO4	-2	4	0.375	Decreasing	FALSE
706044	TDS	-4	4	0.167	Decreasing	FALSE
706045	Ca	0	4	0.625	No Trend	FALSE
706045	Cl	-3	4	0.271	Decreasing	FALSE
706045	K	1	4	0.5	Increasing	FALSE
706045	Mg	2	4	0.375	Increasing	FALSE
706045	Na	2	4	0.375	Increasing	FALSE
706045	pH, Lab	6	4	0.042	Increasing	TRUE
706045	SO4	-2	4	0.375	Decreasing	FALSE
706045	TDS	-6	4	0.042	Decreasing	TRUE
706051	Ca	-4	4	0.167	Decreasing	FALSE
706051	Cl	-1	4	0.5	Decreasing	FALSE
706051	K	3	4	0.271	Increasing	FALSE
706051	Methane	0	4	0.625	No Trend	FALSE
706051	Mg	0	4	0.625	No Trend	FALSE
706051	Na	-2	4	0.375	Decreasing	FALSE
706051	pH, Lab	0	4	0.625	No Trend	FALSE
706051	SO4	-4	4	0.167	Decreasing	FALSE
706051	TDS	2	4	0.375	Increasing	FALSE
706052	Ca	-4	4	0.167	Decreasing	FALSE
706052	Cl	-3	4	0.271	Decreasing	FALSE
706052	K	1	4	0.5	Increasing	FALSE
706052	Methane	0	4	0.625	No Trend	FALSE
706052	Mg	0	4	0.625	No Trend	FALSE
706052	Na	-2	4	0.375	Decreasing	FALSE
706052	pH, Lab	-6	4	0.042	Decreasing	TRUE
706052	SO4	-4	4	0.167	Decreasing	FALSE
706052	TDS	-2	4	0.375	Decreasing	FALSE

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<b>Well ID</b>	<b>Analyte</b>	<b>S</b>	<b>N</b>	<b>Probability</b>	<b>Trend</b>	<b>Significance</b>
706053	Ca	0	4	0.625	No Trend	FALSE
706053	Cl	3	4	0.271	Increasing	FALSE
706053	K	1	4	0.5	Increasing	FALSE
706053	Methane	0	4	0.625	No Trend	FALSE
706053	Mg	1	4	0.5	Increasing	FALSE
706053	Na	-6	4	0.042	Decreasing	TRUE
706053	pH, Lab	-6	4	0.042	Decreasing	TRUE
706053	SO4	-6	4	0.042	Decreasing	TRUE
706053	TDS	0	4	0.625	No Trend	FALSE
706055	Ca	2	4	0.375	Increasing	FALSE
706055	K	-1	4	0.5	Decreasing	FALSE
706055	Methane	3	4	0.271	Increasing	FALSE
706055	Mg	-1	4	0.5	Decreasing	FALSE
706055	Na	-4	4	0.167	Decreasing	FALSE
706055	pH, Lab	-2	4	0.375	Decreasing	FALSE
706055	SO4	-6	4	0.042	Decreasing	TRUE
706055	TDS	2	4	0.375	Increasing	FALSE
706057	Methane	-2	4	0.375	Decreasing	FALSE
706057	TDS	0	4	0.625	No Trend	FALSE
706058	Ca	-3	4	0.271	Decreasing	FALSE
706058	Cl	-4	4	0.167	Decreasing	FALSE
706058	K	0	4	0.625	No Trend	FALSE
706058	Methane	-4	4	0.167	Decreasing	FALSE
706058	Mg	0	4	0.625	No Trend	FALSE
706058	Na	3	4	0.271	Increasing	FALSE
706058	pH, Lab	-2	4	0.375	Decreasing	FALSE
706058	SO4	3	4	0.271	Increasing	FALSE
706058	TDS	-2	4	0.375	Decreasing	FALSE
706059	Ca	-4	4	0.167	Decreasing	FALSE
706059	K	-6	4	0.042	Decreasing	TRUE
706059	Methane	3	4	0.271	Increasing	FALSE
706059	Mg	-4	4	0.167	Decreasing	FALSE
706059	Na	2	4	0.375	Increasing	FALSE
706059	pH, Lab	0	4	0.625	No Trend	FALSE
706059	SO4	-1	4	0.5	Decreasing	FALSE
706059	TDS	-6	4	0.042	Decreasing	TRUE
706061	Methane	0	4	0.625	No Trend	FALSE
706061	TDS	3	4	0.271	Increasing	FALSE
706064	Ca	-6	4	0.042	Decreasing	TRUE
706064	K	-4	4	0.167	Decreasing	FALSE
706064	Methane	0	4	0.625	No Trend	FALSE
706064	Mg	-6	4	0.042	Decreasing	TRUE
706064	Na	-6	4	0.042	Decreasing	TRUE
706064	pH, Lab	0	4	0.625	No Trend	FALSE
706064	SO4	-6	4	0.042	Decreasing	TRUE
706064	TDS	-6	4	0.042	Decreasing	TRUE
706066	Ca	0	4	0.625	No Trend	FALSE
706066	Cl	5	4	0.105	Increasing	FALSE
706066	K	1	4	0.5	Increasing	FALSE
706066	Methane	0	4	0.625	No Trend	FALSE
706066	Mg	2	4	0.375	Increasing	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
706066	Na	-4	4	0.167	Decreasing	FALSE
706066	pH, Lab	2	4	0.375	Increasing	FALSE
706066	SO4	2	4	0.375	Increasing	FALSE
706066	TDS	4	4	0.167	Increasing	FALSE
706069	Ca	4	4	0.167	Increasing	FALSE
706069	K	-1	4	0.5	Decreasing	FALSE
706069	Methane	-4	4	0.167	Decreasing	FALSE
706069	Mg	0	4	0.625	No Trend	FALSE
706069	Na	6	4	0.042	Increasing	TRUE
706069	pH, Lab	-4	4	0.167	Decreasing	FALSE
706069	SO4	0	4	0.625	No Trend	FALSE
706069	TDS	4	4	0.167	Increasing	FALSE
706072	Methane	3	4	0.271	Increasing	FALSE
706074	Ca	-2	4	0.375	Decreasing	FALSE
706074	Cl	-6	4	0.042	Decreasing	TRUE
706074	K	-3	4	0.271	Decreasing	FALSE
706074	Methane	0	4	0.625	No Trend	FALSE
706074	Mg	-1	4	0.5	Decreasing	FALSE
706074	Na	-2	4	0.375	Decreasing	FALSE
706074	pH, Lab	-2	4	0.375	Decreasing	FALSE
706074	SO4	2	4	0.375	Increasing	FALSE
706074	TDS	2	4	0.375	Increasing	FALSE
706077	Ca	5	4	0.105	Increasing	FALSE
706077	Cl	-1	4	0.5	Decreasing	FALSE
706077	K	3	4	0.271	Increasing	FALSE
706077	Methane	-2	4	0.375	Decreasing	FALSE
706077	Mg	6	4	0.042	Increasing	TRUE
706077	Na	0	4	0.625	No Trend	FALSE
706077	pH, Lab	-6	4	0.042	Decreasing	TRUE
706077	SO4	4	4	0.167	Increasing	FALSE
706079	Methane	-2	4	0.375	Decreasing	FALSE
706079	TDS	2	4	0.375	Increasing	FALSE
706081	Ca	2	4	0.375	Increasing	FALSE
706081	K	3	4	0.271	Increasing	FALSE
706081	Methane	-4	4	0.167	Decreasing	FALSE
706081	Mg	3	4	0.271	Increasing	FALSE
706081	Na	4	4	0.167	Increasing	FALSE
706081	pH, Lab	0	4	0.625	No Trend	FALSE
706081	SO4	-6	4	0.042	Decreasing	TRUE
706081	TDS	2	4	0.375	Increasing	FALSE
706085	Ca	4	4	0.167	Increasing	FALSE
706085	K	1	4	0.5	Increasing	FALSE
706085	Methane	-4	4	0.167	Decreasing	FALSE
706085	Mg	4	4	0.167	Increasing	FALSE
706085	Na	-2	4	0.375	Decreasing	FALSE
706085	pH, Lab	-2	4	0.375	Decreasing	FALSE
706085	SO4	2	4	0.375	Increasing	FALSE
706086	Ca	-3	4	0.271	Decreasing	FALSE
706086	Cl	-1	4	0.5	Decreasing	FALSE
706086	K	0	4	0.625	No Trend	FALSE
706086	Methane	1	4	0.5	Increasing	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
706086	Mg	0	4	0.625	No Trend	FALSE
706086	Na	-2	4	0.375	Decreasing	FALSE
706086	pH, Lab	4	4	0.167	Increasing	FALSE
706086	SO4	-6	4	0.042	Decreasing	TRUE
706087	Methane	3	4	0.271	Increasing	FALSE
706089	Methane	-6	4	0.042	Decreasing	TRUE
706089	TDS	0	4	0.625	No Trend	FALSE
706092	Ca	0	4	0.625	No Trend	FALSE
706092	K	-1	4	0.5	Decreasing	FALSE
706092	Methane	3	4	0.271	Increasing	FALSE
706092	Mg	0	4	0.625	No Trend	FALSE
706092	Na	0	4	0.625	No Trend	FALSE
706092	pH, Lab	-2	4	0.375	Decreasing	FALSE
706092	SO4	-6	4	0.042	Decreasing	TRUE
706092	TDS	-6	4	0.042	Decreasing	TRUE
706095	Ca	8	5	0.042	Increasing	TRUE
706095	Cl	-6	5	0.117	Decreasing	FALSE
706095	CO3	0	5	0.592	No Trend	FALSE
706095	HCO3	8	5	0.042	Increasing	TRUE
706095	K	0	5	0.592	No Trend	FALSE
706095	Methane	-6	5	0.117	Decreasing	FALSE
706095	Mg	9	5	0.025	Increasing	TRUE
706095	Na	-8	5	0.042	Decreasing	TRUE
706095	SO4	6	5	0.117	Increasing	FALSE
706095	TDS	-4	5	0.242	Decreasing	FALSE
706096	Ca	2	5	0.408	Increasing	FALSE
706096	Cl	-5	5	0.18	Decreasing	FALSE
706096	CO3	0	5	0.592	No Trend	FALSE
706096	HCO3	-2	5	0.408	Decreasing	FALSE
706096	K	-5	5	0.18	Decreasing	FALSE
706096	Methane	-3	5	0.325	Decreasing	FALSE
706096	Mg	4	5	0.242	Increasing	FALSE
706096	Na	-2	5	0.408	Decreasing	FALSE
706096	SO4	6	5	0.117	Increasing	FALSE
706096	TDS	2	5	0.408	Increasing	FALSE
706097	Ca	6	4	0.042	Increasing	TRUE
706097	Cl	4	4	0.167	Increasing	FALSE
706097	CO3	0	4	0.625	No Trend	FALSE
706097	HCO3	6	4	0.042	Increasing	TRUE
706097	K	-3	4	0.271	Decreasing	FALSE
706097	Methane	0	4	0.625	No Trend	FALSE
706097	Mg	4	4	0.167	Increasing	FALSE
706097	Na	4	4	0.167	Increasing	FALSE
706097	pH, Lab	-6	4	0.042	Decreasing	TRUE
706097	SO4	-4	4	0.167	Decreasing	FALSE
706097	TDS	6	4	0.042	Increasing	TRUE
706107	ALK, Total	2	5	0.408	Increasing	FALSE
706107	Ca	-3	7	0.386	Decreasing	FALSE
706107	Cl	0	7	-8888	No Trend	TRUE
706107	CO3	6	6	0.186	Increasing	FALSE
706107	HCO3	-9	6	0.068	Decreasing	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
706107	K	-7	7	0.191	Decreasing	FALSE
706107	Methane	0	7	-8888	No Trend	TRUE
706107	Mg	-3	7	0.386	Decreasing	FALSE
706107	Na	5	7	0.281	Increasing	FALSE
706107	pH, Lab	9	7	0.119	Increasing	FALSE
706107	SO4	4	7	0.334	Increasing	FALSE
706107	TDS	-3	7	0.386	Decreasing	FALSE
706110	ALK, Total	8	5	0.042	Increasing	TRUE
706110	Ca	4	4	0.167	Increasing	FALSE
706110	Cl	10	5	0.008	Increasing	TRUE
706110	CO3	3	4	0.271	Increasing	FALSE
706110	HCO3	-1	4	0.5	Decreasing	FALSE
706110	K	4	4	0.167	Increasing	FALSE
706110	Methane	-3	4	0.271	Decreasing	FALSE
706110	Mg	4	4	0.167	Increasing	FALSE
706110	Na	6	4	0.042	Increasing	TRUE
706110	pH, Lab	-2	5	0.408	Decreasing	FALSE
706110	SO4	4	5	0.242	Increasing	FALSE
706110	TDS	9	5	0.025	Increasing	TRUE
706111	ALK, Total	1	6	0.5	Increasing	FALSE
706111	Ca	-8	8	0.199	Decreasing	FALSE
706111	Cl	-7	8	0.237	Decreasing	FALSE
706111	CO3	0	8	0.548	No Trend	FALSE
706111	HCO3	11	8	0.114	Increasing	FALSE
706111	K	-9	8	0.169	Decreasing	FALSE
706111	Methane	-4	8	0.36	Decreasing	FALSE
706111	Mg	-5	8	0.317	Decreasing	FALSE
706111	Na	6	8	0.274	Increasing	FALSE
706111	pH, Lab	6	8	0.274	Increasing	FALSE
706111	SO4	0	8	0.548	No Trend	FALSE
706111	TDS	-14	8	0.054	Decreasing	FALSE
706114	Cl	0	4	0.625	No Trend	FALSE
706114	K	5	4	0.105	Increasing	FALSE
706114	Methane	0	4	0.625	No Trend	FALSE
706114	Mg	6	4	0.042	Increasing	TRUE
706124	Methane	3	4	0.271	Increasing	FALSE
706124	TDS	0	4	0.625	No Trend	FALSE
706125	Methane	2	4	0.375	Increasing	FALSE
706128	Methane	3	4	0.271	Increasing	FALSE
706128	TDS	2	4	0.375	Increasing	FALSE
706130	ALK, Total	2	4	0.375	Increasing	FALSE
706130	Ca	-2	4	0.375	Decreasing	FALSE
706130	CO3	2	4	0.375	Increasing	FALSE
706130	HCO3	2	4	0.375	Increasing	FALSE
706130	K	-1	4	0.5	Decreasing	FALSE
706130	Methane	-3	4	0.271	Decreasing	FALSE
706130	Mg	-1	4	0.5	Decreasing	FALSE
706130	Na	0	4	0.625	No Trend	FALSE
706130	pH, Lab	0	4	0.625	No Trend	FALSE
706130	SO4	0	4	0.625	No Trend	FALSE
706130	TDS	3	4	0.271	Increasing	FALSE



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Well ID	Analyte	S	N	Probability	Trend	Significance
706132	Methane	3	4	0.271	Increasing	FALSE
706132	TDS	2	4	0.375	Increasing	FALSE
706133	ALK, Total	-4	6	0.298	Decreasing	FALSE
706133	Ca	-7	6	0.136	Decreasing	FALSE
706133	Cl	-2	7	0.443	Decreasing	FALSE
706133	CO3	0	5	0.592	No Trend	FALSE
706133	HCO3	-4	6	0.298	Decreasing	FALSE
706133	K	1	6	0.5	Increasing	FALSE
706133	Methane	7	7	0.191	Increasing	FALSE
706133	Mg	-5	6	0.235	Decreasing	FALSE
706133	Na	-5	6	0.235	Decreasing	FALSE
706133	pH, Lab	-1	7	0.5	Decreasing	FALSE
706133	SO4	-7	7	0.191	Decreasing	FALSE
706142	Methane	3	4	0.271	Increasing	FALSE
706143	Methane	4	4	0.167	Increasing	FALSE
706145	Methane	-4	4	0.167	Decreasing	FALSE
706147	Methane	2	4	0.375	Increasing	FALSE
706147	TDS	4	4	0.167	Increasing	FALSE
706148	Methane	5	4	0.105	Increasing	FALSE
706148	TDS	-2	4	0.375	Decreasing	FALSE
706150	Methane	-2	4	0.375	Decreasing	FALSE
706150	TDS	6	4	0.042	Increasing	TRUE
706152	Methane	3	4	0.271	Increasing	FALSE
706152	TDS	4	4	0.167	Increasing	FALSE
706133	TDS	-4	7	0.334	Decreasing	FALSE
706153	Ca	0	4	0.625	No Trend	FALSE
706153	K	1	4	0.5	Increasing	FALSE
706153	Methane	0	4	0.625	No Trend	FALSE
706153	Mg	0	4	0.625	No Trend	FALSE
706153	Na	2	4	0.375	Increasing	FALSE
706153	pH, Lab	-2	4	0.375	Decreasing	FALSE
706153	SO4	-5	4	0.105	Decreasing	FALSE
706153	TDS	0	4	0.625	No Trend	FALSE
706154	Ca	-6	5	0.117	Decreasing	FALSE
706154	Cl	-3	4	0.271	Decreasing	FALSE
706154	K	-8	5	0.042	Decreasing	TRUE
706154	Methane	5	6	0.235	Increasing	FALSE
706154	Mg	-7	5	0.08	Decreasing	FALSE
706154	Na	-2	5	0.408	Decreasing	FALSE
706154	pH, Lab	2	5	0.408	Increasing	FALSE
706154	SO4	-4	5	0.242	Decreasing	FALSE
706154	TDS	-11	6	0.028	Decreasing	TRUE
706157	Ca	8	5	0.042	Increasing	TRUE
706157	Cl	1	5	0.5	Increasing	FALSE
706157	CO3	0	4	0.625	No Trend	FALSE
706157	HCO3	6	4	0.042	Increasing	TRUE
706157	K	0	5	0.592	No Trend	FALSE
706157	Methane	5	6	0.235	Increasing	FALSE
706157	Mg	9	5	0.025	Increasing	TRUE
706157	Na	8	5	0.042	Increasing	TRUE
706157	pH, Lab	-6	5	0.117	Decreasing	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
706157	SO4	-2	5	0.408	Decreasing	FALSE
706157	TDS	4	5	0.242	Increasing	FALSE
706159	Methane	0	4	0.625	No Trend	FALSE
706159	TDS	6	4	0.042	Increasing	TRUE
706160	Ca	8	5	0.042	Increasing	TRUE
706160	Cl	-2	4	0.375	Decreasing	FALSE
706160	K	4	5	0.242	Increasing	FALSE
706160	Methane	0	5	0.592	No Trend	FALSE
706160	Mg	8	5	0.042	Increasing	TRUE
706160	Na	-7	5	0.08	Decreasing	FALSE
706160	pH, Lab	-6	5	0.117	Decreasing	FALSE
706160	SO4	-9	5	0.025	Decreasing	TRUE
706160	TDS	-4	5	0.242	Decreasing	FALSE
706162	Ca	4	4	0.167	Increasing	FALSE
706162	K	5	4	0.105	Increasing	FALSE
706162	Methane	0	4	0.625	No Trend	FALSE
706162	Mg	4	4	0.167	Increasing	FALSE
706162	Na	-4	4	0.167	Decreasing	FALSE
706162	pH, Lab	-3	4	0.271	Decreasing	FALSE
706162	SO4	-2	4	0.375	Decreasing	FALSE
706162	TDS	-4	4	0.167	Decreasing	FALSE
706163	Ca	6	5	0.117	Increasing	FALSE
706163	Cl	3	4	0.271	Increasing	FALSE
706163	K	1	5	0.5	Increasing	FALSE
706163	Methane	4	5	0.242	Increasing	FALSE
706163	Mg	6	5	0.117	Increasing	FALSE
706163	Na	-6	5	0.117	Decreasing	FALSE
706163	pH, Lab	-3	5	0.325	Decreasing	FALSE
706163	SO4	0	5	0.592	No Trend	FALSE
706163	TDS	1	5	0.5	Increasing	FALSE
706164	Methane	2	4	0.375	Increasing	FALSE
706166	Methane	3	4	0.271	Increasing	FALSE
706166	TDS	0	4	0.625	No Trend	FALSE
706167	Methane	-2	4	0.375	Decreasing	FALSE
706168	Methane	3	4	0.271	Increasing	FALSE
706168	TDS	2	4	0.375	Increasing	FALSE
706169	Ca	0	4	0.625	No Trend	FALSE
706169	Cl	-6	4	0.042	Decreasing	TRUE
706169	K	-1	4	0.5	Decreasing	FALSE
706169	Methane	0	4	0.625	No Trend	FALSE
706169	Mg	0	4	0.625	No Trend	FALSE
706169	Na	-4	4	0.167	Decreasing	FALSE
706169	pH, Lab	-2	4	0.375	Decreasing	FALSE
706169	SO4	-6	4	0.042	Decreasing	TRUE
706169	TDS	-4	4	0.167	Decreasing	FALSE
706170	ALK, Total	-3	4	0.271	Decreasing	FALSE
706170	Ca	-4	4	0.167	Decreasing	FALSE
706170	CO3	0	4	0.625	No Trend	FALSE
706170	HCO3	-3	4	0.271	Decreasing	FALSE
706170	K	5	4	0.105	Increasing	FALSE
706170	Methane	0	4	0.625	No Trend	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
706170	Mg	0	4	0.625	No Trend	FALSE
706170	Na	4	4	0.167	Increasing	FALSE
706170	pH, Lab	-2	4	0.375	Decreasing	FALSE
706170	SO4	2	4	0.375	Increasing	FALSE
706170	TDS	6	4	0.042	Increasing	TRUE
706171	Methane	3	4	0.271	Increasing	FALSE
706171	TDS	0	4	0.625	No Trend	FALSE
706174	Methane	3	4	0.271	Increasing	FALSE
706174	TDS	0	4	0.625	No Trend	FALSE
706176	Methane	3	4	0.271	Increasing	FALSE
706176	TDS	-2	4	0.375	Decreasing	FALSE
706179	Methane	4	4	0.167	Increasing	FALSE
706181	Methane	1	4	0.5	Increasing	FALSE
706188	Methane	-2	4	0.375	Decreasing	FALSE
706192	Methane	-4	4	0.167	Decreasing	FALSE
706196	ALK, Total	0	4	0.625	No Trend	FALSE
706196	Ca	1	4	0.5	Increasing	FALSE
706196	Cl	4	4	0.167	Increasing	FALSE
706196	CO3	0	4	0.625	No Trend	FALSE
706196	HCO3	-1	4	0.5	Decreasing	FALSE
706196	K	-3	4	0.271	Decreasing	FALSE
706196	Methane	-6	4	0.042	Decreasing	TRUE
706196	Mg	0	4	0.625	No Trend	FALSE
706196	Na	-2	4	0.375	Decreasing	FALSE
706196	pH, Lab	1	4	0.5	Increasing	FALSE
706196	SO4	-5	4	0.105	Decreasing	FALSE
706196	TDS	4	4	0.167	Increasing	FALSE
706197	Ca	-2	4	0.375	Decreasing	FALSE
706197	Cl	1	4	0.5	Increasing	FALSE
706197	K	1	4	0.5	Increasing	FALSE
706197	Methane	-4	5	0.247	Decreasing	FALSE
706197	Mg	-3	4	0.271	Decreasing	FALSE
706197	Na	0	4	0.625	No Trend	FALSE
706197	pH, Lab	2	4	0.375	Increasing	FALSE
706197	SO4	-2	4	0.375	Decreasing	FALSE
706197	TDS	0	4	0.625	No Trend	FALSE
706209	ALK, Total	4	5	0.242	Increasing	FALSE
706209	Ca	16	8	0.031	Increasing	TRUE
706209	Cl	0	8	0.548	No Trend	FALSE
706209	CO3	0	5	0.592	No Trend	FALSE
706209	HCO3	4	5	0.242	Increasing	FALSE
706209	K	16	8	0.031	Increasing	TRUE
706209	Methane	-13	10	0.146	Decreasing	FALSE
706209	Mg	12	8	0.089	Increasing	FALSE
706209	Na	-6	8	0.274	Decreasing	FALSE
706209	pH, Lab	-2	8	0.452	Decreasing	FALSE
706209	SO4	15	8	0.043	Increasing	TRUE
706209	TDS	-6	8	0.274	Decreasing	FALSE
706210	ALK, Total	4	6	0.298	Increasing	FALSE
706210	Ca	18	8	0.016	Increasing	TRUE
706210	Cl	-2	8	0.452	Decreasing	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
706210	CO3	-1	6	0.5	Decreasing	FALSE
706210	HCO3	4	6	0.298	Increasing	FALSE
706210	K	13	8	0.072	Increasing	FALSE
706210	Methane	-2	9	0.46	Decreasing	FALSE
706210	Mg	17	8	0.024	Increasing	TRUE
706210	Na	-8	8	0.199	Decreasing	FALSE
706210	pH, Lab	-4	8	0.36	Decreasing	FALSE
706210	SO4	20	8	0.007	Increasing	TRUE
706210	TDS	-4	8	0.36	Decreasing	FALSE
706211	ALK, Total	9	7	0.119	Increasing	FALSE
706211	Ca	-8	9	0.238	Decreasing	FALSE
706211	Cl	-14	9	0.09	Decreasing	FALSE
706211	CO3	0	7	-8888	No Trend	TRUE
706211	HCO3	9	7	0.119	Increasing	FALSE
706211	K	-13	9	0.11	Decreasing	FALSE
706211	Methane	-21	10	0.036	Decreasing	TRUE
706211	Mg	-9	9	0.209	Decreasing	FALSE
706211	Na	-4	9	0.381	Decreasing	FALSE
706211	pH, Lab	8	9	0.238	Increasing	FALSE
706211	SO4	0	9	0.54	No Trend	FALSE
706211	TDS	-12	9	0.13	Decreasing	FALSE
706230	Ca	6	5	0.117	Increasing	FALSE
706230	Cl	5	5	0.18	Increasing	FALSE
706230	CO3	-2	5	0.408	Decreasing	FALSE
706230	HCO3	-1	5	0.5	Decreasing	FALSE
706230	K	4	5	0.242	Increasing	FALSE
706230	Mg	7	5	0.08	Increasing	FALSE
706230	Methane	0	5	0.592	No Trend	FALSE
706230	Na	-2	5	0.408	Decreasing	FALSE
706230	pH, Lab	0	5	0.592	No Trend	FALSE
706230	SO4	-7	5	0.08	Decreasing	FALSE
706230	TDS	8	5	0.042	Increasing	TRUE
706233	Ca	-5	5	0.18	Decreasing	FALSE
706233	Cl	-6	5	0.117	Decreasing	FALSE
706233	CO3	0	5	0.592	No Trend	FALSE
706233	HCO3	6	5	0.117	Increasing	FALSE
706233	K	0	5	0.592	No Trend	FALSE
706233	Mg	-6	5	0.117	Decreasing	FALSE
706233	Methane	4	5	0.242	Increasing	FALSE
706233	Na	-4	5	0.242	Decreasing	FALSE
706233	pH, Lab	1	5	0.5	Increasing	FALSE
706233	SO4	-3	5	0.325	Decreasing	FALSE
706233	TDS	2	5	0.408	Increasing	FALSE
706234	ALK, Total	4	4	0.167	Increasing	FALSE
706234	Ca	6	5	0.117	Increasing	FALSE
706234	Cl	6	5	0.117	Increasing	FALSE
706234	CO3	0	5	0.592	No Trend	FALSE
706234	HCO3	6	5	0.117	Increasing	FALSE
706234	K	6	5	0.117	Increasing	FALSE
706234	Methane	4	5	0.242	Increasing	FALSE
706234	Mg	4	5	0.242	Increasing	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
706234	Na	8	5	0.042	Increasing	TRUE
706234	pH, Lab	0	5	0.592	No Trend	FALSE
706234	SO4	8	5	0.042	Increasing	TRUE
706234	TDS	8	5	0.042	Increasing	TRUE
706236	ALK, Total	6	5	0.117	Increasing	FALSE
706236	Ca	6	5	0.117	Increasing	FALSE
706236	Cl	6	5	0.117	Increasing	FALSE
706236	CO3	-4	5	0.242	Decreasing	FALSE
706236	HCO3	8	5	0.042	Increasing	TRUE
706236	K	7	5	0.08	Increasing	FALSE
706236	Methane	-2	5	0.408	Decreasing	FALSE
706236	Mg	6	5	0.117	Increasing	FALSE
706236	Na	8	5	0.042	Increasing	TRUE
706236	pH, Lab	-8	5	0.042	Decreasing	TRUE
706236	SO4	6	5	0.117	Increasing	FALSE
706236	TDS	6	5	0.117	Increasing	FALSE
706239	Ca	-2	4	0.375	Decreasing	FALSE
706239	Cl	-4	4	0.167	Decreasing	FALSE
706239	CO3	0	4	0.625	No Trend	FALSE
706239	HCO3	4	4	0.167	Increasing	FALSE
706239	K	3	4	0.271	Increasing	FALSE
706239	Methane	1	4	0.5	Increasing	FALSE
706239	Mg	-2	4	0.375	Decreasing	FALSE
706239	Na	2	4	0.375	Increasing	FALSE
706239	pH, Lab	4	4	0.167	Increasing	FALSE
706239	SO4	4	4	0.167	Increasing	FALSE
706239	TDS	0	4	0.625	No Trend	FALSE
706240	Ca	-4	5	0.242	Decreasing	FALSE
706240	Cl	4	5	0.242	Increasing	FALSE
706240	CO3	3	5	0.325	Increasing	FALSE
706240	HCO3	-2	5	0.408	Decreasing	FALSE
706240	K	-2	5	0.408	Decreasing	FALSE
706240	Methane	-3	5	0.325	Decreasing	FALSE
706240	Mg	-2	5	0.408	Decreasing	FALSE
706240	Na	-8	5	0.042	Decreasing	TRUE
706240	pH, Lab	6	5	0.117	Increasing	FALSE
706240	SO4	-4	5	0.242	Decreasing	FALSE
706240	TDS	-2	5	0.408	Decreasing	FALSE
706241	Ca	2	4	0.375	Increasing	FALSE
706241	Cl	0	4	0.625	No Trend	FALSE
706241	CO3	1	4	0.5	Increasing	FALSE
706241	HCO3	-6	4	0.042	Decreasing	TRUE
706241	K	0	4	0.625	No Trend	FALSE
706241	Methane	1	4	0.5	Increasing	FALSE
706241	Mg	2	4	0.375	Increasing	FALSE
706241	Na	4	4	0.167	Increasing	FALSE
706241	pH, Lab	0	4	0.625	No Trend	FALSE
706241	SO4	2	4	0.375	Increasing	FALSE
706241	TDS	-4	4	0.167	Decreasing	FALSE
706242	Ca	4	4	0.167	Increasing	FALSE
706242	Cl	6	4	0.042	Increasing	TRUE

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Well ID	Analyte	S	N	Probability	Trend	Significance
706242	CO3	1	4	0.5	Increasing	FALSE
706242	HCO3	-3	4	0.271	Decreasing	FALSE
706242	K	5	4	0.105	Increasing	FALSE
706242	Methane	1	4	0.5	Increasing	FALSE
706242	Mg	6	4	0.042	Increasing	TRUE
706242	Na	4	4	0.167	Increasing	FALSE
706242	pH, Lab	-5	4	0.105	Decreasing	FALSE
706242	SO4	6	4	0.042	Increasing	TRUE
706242	TDS	6	4	0.042	Increasing	TRUE
706244	Ca	0	4	0.625	No Trend	FALSE
706244	Cl	4	4	0.167	Increasing	FALSE
706244	K	-5	4	0.105	Decreasing	FALSE
706244	Methane	-1	4	0.5	Decreasing	FALSE
706244	Mg	3	4	0.271	Increasing	FALSE
706244	Na	2	4	0.375	Increasing	FALSE
706244	pH, Lab	0	4	0.625	No Trend	FALSE
706244	SO4	-4	4	0.167	Decreasing	FALSE
706244	TDS	0	4	0.625	No Trend	FALSE
706247	ALK, Total	4	5	0.242	Increasing	FALSE
706247	Ca	-9	6	0.068	Decreasing	FALSE
706247	Cl	0	6	-8888	No Trend	TRUE
706247	CO3	3	6	0.36	Increasing	FALSE
706247	HCO3	-2	6	0.43	Decreasing	FALSE
706247	K	-9	6	0.068	Decreasing	FALSE
706247	Methane	0	6	-8888	No Trend	TRUE
706247	Mg	-13	6	0.008	Decreasing	TRUE
706247	Na	1	6	0.5	Increasing	FALSE
706247	pH, Lab	11	6	0.028	Increasing	TRUE
706247	SO4	-6	6	0.186	Decreasing	FALSE
706247	TDS	-8	6	0.102	Decreasing	FALSE
706254	ALK, Total	-4	4	0.167	Decreasing	FALSE
706254	Ca	-11	7	0.068	Decreasing	FALSE
706254	Cl	-33	9	-8888	Decreasing	TRUE
706254	HCO3	-4	4	0.167	Decreasing	FALSE
706254	K	-14	8	0.054	Decreasing	FALSE
706254	Methane	0	6	-8888	No Trend	TRUE
706254	Mg	-11	7	0.068	Decreasing	FALSE
706254	Na	-18	8	0.016	Decreasing	TRUE
706254	pH, Lab	-4	8	0.36	Decreasing	FALSE
706254	SO4	-16	9	0.06	Decreasing	FALSE
706254	TDS	-32	9	-8888	Decreasing	TRUE
706255	Ca	4	4	0.167	Increasing	FALSE
706255	Cl	4	4	0.167	Increasing	FALSE
706255	K	-3	4	0.271	Decreasing	FALSE
706255	Mg	1	4	0.5	Increasing	FALSE
706255	Na	-1	4	0.5	Decreasing	FALSE
706255	SO4	0	4	0.625	No Trend	FALSE
706255	TDS	6	4	0.042	Increasing	TRUE
706261	Methane	7	6	0.136	Increasing	FALSE
706265	Ca	-2	4	0.375	Decreasing	FALSE
706265	K	-1	4	0.5	Decreasing	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
706265	Methane	-1	4	0.5	Decreasing	FALSE
706265	Mg	-2	4	0.375	Decreasing	FALSE
706265	Na	-4	4	0.167	Decreasing	FALSE
706265	pH, Lab	0	4	0.625	No Trend	FALSE
706265	SO4	-4	4	0.167	Decreasing	FALSE
706265	TDS	-4	4	0.167	Decreasing	FALSE
706268	Ca	-2	4	0.375	Decreasing	FALSE
706268	K	-2	4	0.375	Decreasing	FALSE
706268	Methane	0	4	0.625	No Trend	FALSE
706268	Mg	-2	4	0.375	Decreasing	FALSE
706268	Na	2	4	0.375	Increasing	FALSE
706268	pH, Lab	0	4	0.625	No Trend	FALSE
706268	SO4	-4	4	0.167	Decreasing	FALSE
706268	TDS	-4	4	0.167	Decreasing	FALSE
706270	Ca	-6	4	0.042	Decreasing	TRUE
706270	K	-5	4	0.105	Decreasing	FALSE
706270	Methane	-6	4	0.042	Decreasing	TRUE
706270	Mg	-4	4	0.167	Decreasing	FALSE
706270	Na	-6	4	0.042	Decreasing	TRUE
706270	pH, Lab	2	4	0.375	Increasing	FALSE
706270	SO4	5	4	0.105	Increasing	FALSE
706270	TDS	-6	4	0.042	Decreasing	TRUE
706275	Methane	4	4	0.167	Increasing	FALSE
706282	Methane	2	4	0.375	Increasing	FALSE
706291	Ca	-4	4	0.167	Decreasing	FALSE
706291	K	3	4	0.271	Increasing	FALSE
706291	Methane	0	4	0.625	No Trend	FALSE
706291	Mg	3	4	0.271	Increasing	FALSE
706291	Na	-4	4	0.167	Decreasing	FALSE
706291	pH, Lab	-4	4	0.167	Decreasing	FALSE
706291	SO4	-4	4	0.167	Decreasing	FALSE
706291	TDS	-3	4	0.271	Decreasing	FALSE
706295	Ca	-4	4	0.167	Decreasing	FALSE
706295	K	-2	4	0.375	Decreasing	FALSE
706295	Methane	-4	4	0.167	Decreasing	FALSE
706295	Mg	0	4	0.625	No Trend	FALSE
706295	Na	-4	4	0.167	Decreasing	FALSE
706295	pH, Lab	-1	4	0.5	Decreasing	FALSE
706295	SO4	1	4	0.5	Increasing	FALSE
706295	TDS	0	4	0.625	No Trend	FALSE
706297	Ca	-6	5	0.117	Decreasing	FALSE
706297	Cl	4	5	0.242	Increasing	FALSE
706297	K	-7	5	0.08	Decreasing	FALSE
706297	Methane	6	5	0.117	Increasing	FALSE
706297	Mg	-4	5	0.242	Decreasing	FALSE
706297	Na	4	5	0.242	Increasing	FALSE
706297	pH, Lab	5	5	0.18	Increasing	FALSE
706297	SO4	-6	5	0.117	Decreasing	FALSE
706297	TDS	4	5	0.242	Increasing	FALSE
706298	Ca	-2	4	0.375	Decreasing	FALSE
706298	K	-3	4	0.271	Decreasing	FALSE

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<b>Well ID</b>	<b>Analyte</b>	<b>S</b>	<b>N</b>	<b>Probability</b>	<b>Trend</b>	<b>Significance</b>
706298	Methane	-4	4	0.167	Decreasing	FALSE
706298	Mg	0	4	0.625	No Trend	FALSE
706298	Na	-2	4	0.375	Decreasing	FALSE
706298	pH, Lab	-2	4	0.375	Decreasing	FALSE
706298	SO4	2	4	0.375	Increasing	FALSE
706298	TDS	6	4	0.042	Increasing	TRUE
706302	Ca	6	4	0.042	Increasing	TRUE
706302	Cl	-6	4	0.042	Decreasing	TRUE
706302	CO3	-1	4	0.5	Decreasing	FALSE
706302	HCO3	2	4	0.375	Increasing	FALSE
706302	K	5	4	0.105	Increasing	FALSE
706302	Methane	-1	4	0.5	Decreasing	FALSE
706302	Mg	6	4	0.042	Increasing	TRUE
706302	Na	-3	4	0.271	Decreasing	FALSE
706302	pH, Lab	-4	4	0.167	Decreasing	FALSE
706302	SO4	-6	4	0.042	Decreasing	TRUE
706302	TDS	-2	4	0.375	Decreasing	FALSE
706309	Ca	-4	4	0.167	Decreasing	FALSE
706309	Cl	-4	4	0.167	Decreasing	FALSE
706309	K	-4	4	0.167	Decreasing	FALSE
706309	Methane	4	5	0.242	Increasing	FALSE
706309	Mg	0	4	0.625	No Trend	FALSE
706309	Na	-3	4	0.271	Decreasing	FALSE
706309	pH, Lab	-1	4	0.5	Decreasing	FALSE
706309	SO4	-4	4	0.167	Decreasing	FALSE
706309	TDS	-2	4	0.375	Decreasing	FALSE
706310	Ca	-2	4	0.375	Decreasing	FALSE
706310	Cl	0	4	0.625	No Trend	FALSE
706310	HCO3	1	4	0.5	Increasing	FALSE
706310	K	-1	4	0.5	Decreasing	FALSE
706310	Methane	-2	4	0.375	Decreasing	FALSE
706310	Mg	0	4	0.625	No Trend	FALSE
706310	Na	-2	4	0.375	Decreasing	FALSE
706310	pH, Lab	-3	4	0.271	Decreasing	FALSE
706310	SO4	-3	4	0.271	Decreasing	FALSE
706310	TDS	0	4	0.625	No Trend	FALSE
706315	Ca	-2	4	0.375	Decreasing	FALSE
706315	Cl	6	4	0.042	Increasing	TRUE
706315	CO3	0	4	0.625	No Trend	FALSE
706315	HCO3	-3	4	0.271	Decreasing	FALSE
706315	K	-3	4	0.271	Decreasing	FALSE
706315	Methane	3	4	0.271	Increasing	FALSE
706315	Mg	0	4	0.625	No Trend	FALSE
706315	Na	-6	4	0.042	Decreasing	TRUE
706315	pH, Lab	0	4	0.625	No Trend	FALSE
706315	SO4	-4	4	0.167	Decreasing	FALSE
706315	TDS	0	4	0.625	No Trend	FALSE
706320	Methane	-4	4	0.167	Decreasing	FALSE
706334	Ca	-4	4	0.167	Decreasing	FALSE
706334	Cl	-4	4	0.167	Decreasing	FALSE
706334	K	-3	4	0.271	Decreasing	FALSE



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Well ID	Analyte	S	N	Probability	Trend	Significance
706334	Methane	0	4	0.625	No Trend	FALSE
706334	Mg	-6	4	0.042	Decreasing	TRUE
706334	Na	-4	4	0.167	Decreasing	FALSE
706334	pH, Lab	2	4	0.375	Increasing	FALSE
706334	SO4	-1	4	0.5	Decreasing	FALSE
706334	TDS	-4	4	0.167	Decreasing	FALSE
706350	Ca	0	4	0.625	No Trend	FALSE
706350	K	-2	4	0.375	Decreasing	FALSE
706350	Methane	0	5	0.592	No Trend	FALSE
706350	Mg	0	4	0.625	No Trend	FALSE
706350	Na	1	4	0.5	Increasing	FALSE
706350	pH, Lab	4	4	0.167	Increasing	FALSE
706350	SO4	-2	4	0.375	Decreasing	FALSE
706350	TDS	-4	5	0.242	Decreasing	FALSE
706352	ALK, Total	0	4	0.625	No Trend	FALSE
706352	Ca	0	4	0.625	No Trend	FALSE
706352	Cl	7	5	0.08	Increasing	FALSE
706352	CO3	4	4	0.167	Increasing	FALSE
706352	HCO3	0	4	0.625	No Trend	FALSE
706352	K	-1	4	0.5	Decreasing	FALSE
706352	Methane	-5	6	0.235	Decreasing	FALSE
706352	Mg	-2	4	0.375	Decreasing	FALSE
706352	Na	2	4	0.375	Increasing	FALSE
706352	pH, Lab	0	5	0.592	No Trend	FALSE
706352	SO4	-8	5	0.042	Decreasing	TRUE
706352	TDS	-6	5	0.117	Decreasing	FALSE
706400	Ca	2	4	0.375	Increasing	FALSE
706400	Cl	0	4	0.625	No Trend	FALSE
706400	K	-4	4	0.167	Decreasing	FALSE
706400	Methane	0	4	0.625	No Trend	FALSE
706400	Mg	-1	4	0.5	Decreasing	FALSE
706400	Na	4	4	0.167	Increasing	FALSE
706400	pH, Lab	4	4	0.167	Increasing	FALSE
706400	SO4	3	4	0.271	Increasing	FALSE
706400	TDS	-2	4	0.375	Decreasing	FALSE
706450	Ca	0	4	0.625	No Trend	FALSE
706450	Cl	-3	4	0.271	Decreasing	FALSE
706450	CO3	-3	4	0.271	Decreasing	FALSE
706450	HCO3	2	4	0.375	Increasing	FALSE
706450	K	0	4	0.625	No Trend	FALSE
706450	Methane	0	4	0.625	No Trend	FALSE
706450	Mg	0	4	0.625	No Trend	FALSE
706450	Na	-2	4	0.375	Decreasing	FALSE
706450	pH, Lab	-2	4	0.375	Decreasing	FALSE
706450	SO4	-2	4	0.375	Decreasing	FALSE
706450	TDS	-2	4	0.375	Decreasing	FALSE
706451	ALK, Total	-6	4	0.042	Decreasing	TRUE
706451	Ca	2	5	0.408	Increasing	FALSE
706451	Cl	8	5	0.042	Increasing	TRUE
706451	CO3	-7	5	0.08	Decreasing	FALSE
706451	HCO3	-6	5	0.117	Decreasing	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
706451	K	-1	5	0.5	Decreasing	FALSE
706451	Mg	3	5	0.325	Increasing	FALSE
706451	Methane	-2	5	0.408	Decreasing	FALSE
706451	Na	8	5	0.042	Increasing	TRUE
706451	pH, Lab	-4	5	0.242	Decreasing	FALSE
706451	SO4	-8	5	0.042	Decreasing	TRUE
706451	TDS	8	5	0.042	Increasing	TRUE
706501	Ca	-2	4	0.375	Decreasing	FALSE
706501	K	-3	4	0.271	Decreasing	FALSE
706501	Methane	0	4	0.625	No Trend	FALSE
706501	Mg	0	4	0.625	No Trend	FALSE
706501	Na	-2	4	0.375	Decreasing	FALSE
706501	pH, Lab	0	4	0.625	No Trend	FALSE
706501	SO4	-6	4	0.042	Decreasing	TRUE
706528	Methane	0	4	0.625	No Trend	FALSE
706876	Ca	-1	4	0.5	Decreasing	FALSE
706876	Cl	-3	4	0.271	Decreasing	FALSE
706876	K	-4	4	0.167	Decreasing	FALSE
706876	Methane	0	5	0.592	No Trend	FALSE
706876	Mg	0	4	0.625	No Trend	FALSE
706876	Na	-4	4	0.167	Decreasing	FALSE
706876	pH, Lab	0	4	0.625	No Trend	FALSE
706876	SO4	-2	4	0.375	Decreasing	FALSE
706876	TDS	0	4	0.625	No Trend	FALSE
706941	Ca	-2	4	0.375	Decreasing	FALSE
706941	Cl	-2	4	0.375	Decreasing	FALSE
706941	K	-3	4	0.271	Decreasing	FALSE
706941	Mg	-2	4	0.375	Decreasing	FALSE
706941	Na	-2	4	0.375	Decreasing	FALSE
706941	pH, Lab	2	4	0.375	Increasing	FALSE
706941	SO4	2	4	0.375	Increasing	FALSE
706941	TDS	-2	4	0.375	Decreasing	FALSE
707001	Methane	-6	4	0.042	Decreasing	TRUE
707006	Ca	4	4	0.167	Increasing	FALSE
707006	Cl	-2	4	0.375	Decreasing	FALSE
707006	K	2	4	0.375	Increasing	FALSE
707006	Methane	3	4	0.271	Increasing	FALSE
707006	Mg	0	4	0.625	No Trend	FALSE
707006	Na	6	4	0.042	Increasing	TRUE
707006	pH, Lab	-6	4	0.042	Decreasing	TRUE
707006	SO4	4	4	0.167	Increasing	FALSE
707006	TDS	6	4	0.042	Increasing	TRUE
707008	Methane	-2	4	0.375	Decreasing	FALSE
707010	Methane	0	4	0.625	No Trend	FALSE
707011	Methane	4	4	0.167	Increasing	FALSE
707022	Ca	-4	4	0.167	Decreasing	FALSE
707022	K	-3	4	0.271	Decreasing	FALSE
707022	Methane	4	4	0.167	Increasing	FALSE
707022	Mg	0	4	0.625	No Trend	FALSE
707022	Na	-2	4	0.375	Decreasing	FALSE
707022	pH, Lab	-2	4	0.375	Decreasing	FALSE

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Well ID	Analyte	S	N	Probability	Trend	Significance
707022	SO4	-4	4	0.167	Decreasing	FALSE
707022	TDS	-2	4	0.375	Decreasing	FALSE
707023	Ca	-4	4	0.167	Decreasing	FALSE
707023	K	2	4	0.375	Increasing	FALSE
707023	Methane	0	4	0.625	No Trend	FALSE
707023	Mg	-6	4	0.042	Decreasing	TRUE
707023	Na	0	4	0.625	No Trend	FALSE
707023	pH, Lab	0	4	0.625	No Trend	FALSE
707023	SO4	1	4	0.5	Increasing	FALSE
707023	TDS	4	4	0.167	Increasing	FALSE
707024	Methane	4	4	0.167	Increasing	FALSE
707028	Ca	2	4	0.375	Increasing	FALSE
707028	Cl	4	4	0.167	Increasing	FALSE
707028	K	-1	4	0.5	Decreasing	FALSE
707028	Methane	3	4	0.271	Increasing	FALSE
707028	Mg	4	4	0.167	Increasing	FALSE
707028	Na	4	4	0.167	Increasing	FALSE
707028	pH, Lab	-2	4	0.375	Decreasing	FALSE
707028	SO4	0	4	0.625	No Trend	FALSE
707028	TDS	4	4	0.167	Increasing	FALSE
707032	Methane	-2	4	0.375	Decreasing	FALSE
707035	Methane	0	4	0.625	No Trend	FALSE
707038	Methane	1	4	0.5	Increasing	FALSE
707046	Methane	0	5	0.592	No Trend	FALSE
707046	TDS	-4	5	0.242	Decreasing	FALSE
707048	Methane	-3	4	0.271	Decreasing	FALSE
707049	Methane	0	4	0.625	No Trend	FALSE
707071	Methane	-2	5	0.408	Decreasing	FALSE
707072	Methane	-6	4	0.042	Decreasing	TRUE
707082	Ca	-2	4	0.375	Decreasing	FALSE
707082	Cl	-3	4	0.271	Decreasing	FALSE
707082	K	-1	4	0.5	Decreasing	FALSE
707082	Methane	-1	4	0.5	Decreasing	FALSE
707082	Mg	-2	4	0.375	Decreasing	FALSE
707082	Na	-4	4	0.167	Decreasing	FALSE
707082	pH, Lab	-2	4	0.375	Decreasing	FALSE
707082	SO4	-2	4	0.375	Decreasing	FALSE
707082	TDS	4	4	0.167	Increasing	FALSE
707083	ALK, Total	-3	6	0.36	Decreasing	FALSE
707083	Ca	-11	6	0.028	Decreasing	TRUE
707083	Cl	-1	5	0.5	Decreasing	FALSE
707083	CO3	-1	6	0.5	Decreasing	FALSE
707083	HCO3	-3	6	0.36	Decreasing	FALSE
707083	K	-12	6	0.018	Decreasing	TRUE
707083	Methane	3	6	0.36	Increasing	FALSE
707083	Mg	-10	6	0.048	Decreasing	TRUE
707083	Na	-13	6	0.008	Decreasing	TRUE
707083	pH, Lab	0	6	-8888	No Trend	TRUE
707083	SO4	-10	6	0.048	Decreasing	TRUE
707083	TDS	-11	6	0.028	Decreasing	TRUE
707094	Methane	2	5	0.408	Increasing	FALSE

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<b>Well ID</b>	<b>Analyte</b>	<b>S</b>	<b>N</b>	<b>Probability</b>	<b>Trend</b>	<b>Significance</b>
707095	Ca	-4	4	0.167	Decreasing	FALSE
707095	K	-3	4	0.271	Decreasing	FALSE
707095	Methane	0	4	0.625	No Trend	FALSE
707095	Mg	-2	4	0.375	Decreasing	FALSE
707095	Na	-2	4	0.375	Decreasing	FALSE
707095	pH, Lab	-2	4	0.375	Decreasing	FALSE
707095	SO4	-2	4	0.375	Decreasing	FALSE
707095	TDS	0	4	0.625	No Trend	FALSE
707103	Methane	0	4	0.625	No Trend	FALSE
707105	Ca	6	4	0.042	Increasing	TRUE
707105	Cl	-2	4	0.375	Decreasing	FALSE
707105	K	-4	4	0.167	Decreasing	FALSE
707105	Methane	3	4	0.271	Increasing	FALSE
707105	Mg	6	4	0.042	Increasing	TRUE
707105	Na	-6	4	0.042	Decreasing	TRUE
707105	pH, Lab	-4	4	0.167	Decreasing	FALSE
707105	SO4	-2	4	0.375	Decreasing	FALSE
707105	TDS	0	4	0.625	No Trend	FALSE
707106	Ca	-2	4	0.375	Decreasing	FALSE
707106	K	-6	4	0.042	Decreasing	TRUE
707106	Methane	3	4	0.271	Increasing	FALSE
707106	Mg	-1	4	0.5	Decreasing	FALSE
707106	Na	-4	4	0.167	Decreasing	FALSE
707106	pH, Lab	2	4	0.375	Increasing	FALSE
707106	SO4	2	4	0.375	Increasing	FALSE
707110	Methane	4	4	0.167	Increasing	FALSE
707113	Methane	3	4	0.271	Increasing	FALSE
707113	TDS	2	4	0.375	Increasing	FALSE
707130	Methane	1	4	0.5	Increasing	FALSE
707146	Ca	-5	4	0.105	Decreasing	FALSE
707146	Cl	0	4	0.625	No Trend	FALSE
707146	K	1	4	0.5	Increasing	FALSE
707146	Methane	0	4	0.625	No Trend	FALSE
707146	Mg	-3	4	0.271	Decreasing	FALSE
707146	Na	4	4	0.167	Increasing	FALSE
707146	pH, Lab	4	4	0.167	Increasing	FALSE
707146	SO4	-4	4	0.167	Decreasing	FALSE
707146	TDS	4	4	0.167	Increasing	FALSE
707147	Methane	1	4	0.5	Increasing	FALSE
707158	Ca	0	4	0.625	No Trend	FALSE
707158	Cl	0	4	0.625	No Trend	FALSE
707158	K	1	4	0.5	Increasing	FALSE
707158	Methane	-6	4	0.042	Decreasing	TRUE
707158	Mg	0	4	0.625	No Trend	FALSE
707158	Na	5	4	0.105	Increasing	FALSE
707158	pH, Lab	-2	4	0.375	Decreasing	FALSE
707158	SO4	-1	4	0.5	Decreasing	FALSE
707158	TDS	4	4	0.167	Increasing	FALSE