Table A-1. Summary of pH and Major Ions.

Site Name	pH	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Alkalinity (mg/L as $CaCO_3$)	Carbonate (mg/L)	Bicarbonate (mg/L)	Chloride (mg/L)	Sulfate (mg/L)
AP-01	9.1	17	<2	<2	82	44.1	4.4	43.6	9.6	<2
AP-11	8.8	2.1	<2	<2	130	232	7.2	269	12	14
AP-21	9.7	340	<2	30	320	27.9	5.8	19.5	47	1400
AP-22	7.6	38	22	2.9	41	176	0.4	214	18	64
AP-26	7.2	71	23	4.9	120	157	0.3	190	170	130
AP-27	7.5	45	5.2	23	660	178	0.7	215	770	330
AP-29	7.3	93	9.7	39	800	156	0.4	190	1200	330
AP-09	7.4	6.3	<2	10	97	207	0.4	252	110	34
DPW-06	7.6	66	17	5.1	110	183	0.5	222	42	230
GI-P01	7.5	34	22	2.5	23	166	0.5	202	18	20
GI-P02	7.5	34	19	3	23	178	0.6	215	14	10

Note: "---" indicates no data available (for Carbonate, "---" indicates that the amount of carbonate was too small to measure); "<" indicates the concentration is less than the value (e.g. "<0.5" indicates a concentration of less than 0.5)

[a] GI-P02 replaces AP-05 and DPW-02 which were dry at the time of sampling

Table A-2. Isotopes and Physical Properties.

Site Name	$^{13}C/^{12}C$ (Ratio of Carbon-13 to Carbon-12 in o/oo)	Carbon-14 (Percent Modern Carbon)	Oxygen-18 (Ratio of Oxygen-18 to Oxygen-16 in o/oo)	Deuterium (Ratio of Hydrogen-2 to Hydrogen-1 in o/oo)	$^{87}Sr/^{86}Sr$ (Ratio of Strontium-87 to Strontium-86)	Tritium (TU)	Dissolved Oxygen (mg/L)	Specific Conductance (uS/cm @ 25 ^{o}C)	Temperature (^{o}C)
AP-01	-18.5	11.9	-9.8	-79	0.70707	<1.2	0.1	574	26.4
AP-11	-10.6	24	-9.7	-72	0.70916	0.7	1.3	554	29.7
AP-21	-22.7	24.3	-10.6	-81	0.70476	<0.7	0.1	2600	24.6
AP-22	-8.9	45.6	-9.1	-66	0.70904	<1.1	7.49	516	26.8
AP-26	-8.8	30	-9.4	-72	0.71027	<0.9	2.6	1090	33
AP-27	-4.6	2.7	-11.4	-85	0.71484	<0.8	3	3420	36.8
AP-29	-4.5	2.52	-11.4	-85	0.72229	<0.6	3.5	4500	33.1
AP-09	-10.6	20.2	-10.8	-79	0.70498	<1	0.2	410	22.7
DPW-06	-15.4	30.9	-8.3	-62	0.70466	<0.9	0.1	937	24.4
GI-P01	-11.1	56.8	-9.1	-66	0.71082	<0.7	6.8	418	30.4
GI-P02	-11.2	61.4	-9.2	-68	0.70984	<1.1	8.2	408	32.5

Note: "---" indicates no data available; "<" indicates the concentration is less than the value (e.g. "<0.5" indicates a concentration of less than 0.5)
[a] GI-P02 replaces AP-05 and DPW-02 which were dry at the time of sampling

Table A-3. Trace Metals (Part One).

Site Name	Silver (ug/L)	Aluminum (ug/L)	Arsenic (ug/L)	Barium (ug/L)	Beryllium (ug/L)	Cadmium (ug/L)	Chromium (ug/L)	Copper (ug/L)	Fluoride (mg/L)	Mercury (ug/L)
AP-01	<1	<200	<1	M	<1	<1	<10	M	<0.4	<0.2
AP-11	<1	1400	16	M	<1	<1	15	M	0.64	<0.2
AP-21	<1	<200	1	M	<1	<1	<10	M	<0.4	<0.2
AP-22	<1	<200	3	<10	<1	<1	<10	<1	<0.4	<0.2
AP-26	<1	<200	4	M	<1	<1	<10	M	<0.4	<0.2
AP-27	<1	<200	21	M	<1	<1	<10	M	7.7	<0.2
AP-29	<1	<200	21	M	<1	<1	<10	M	4.8	<0.2
AP-09	<1	<200	2	M	<1	<1	<10	M	<0.4	<0.2
DPW-06	<1	<200	<1	M	<1	<1	<10	M	<0.4	<0.2
GI-P01	<1	<200	2	<10	<1	<1	<10	<1	<0.4	<0.2
GI-P02	<1	<200	2	<10	<1	<1	<10	M	<0.4	<0.2

Note: "---" indicates no data available; "<" indicates the concentration is less than the value (e.g. "<0.5" indicates a concentration of less than 0.5); M indicates presence verified but not quantified
[a] GI-P02 replaces AP-05 and DPW-02 which were dry at the time of sampling

Table A-4. Trace Metals (Part Two).

Site Name	Iron (ug/L)	Manganese (ug/L)	Nickel (ug/L)	Lead (ug/L)	Antimony (ug/L)	Selenium (ug/L)	Silica (mg/L)	Thallium (ug/L)	Zinc (ug/L)
AP-01	290	220	<10	<1	<3	<2	19	<1	<10
AP-11	1300	30	M	M	<3	2	29	<1	10
AP-21	<100	<5	<10	<1	<3	<2	29	<1	<10
AP-22	<100	<5	<10	<1	<3	3	61	<1	<10
AP-26	<100	120	<10	<1	<3	<2	49	<1	10
AP-27	100	<5	<10	<1	<3	<2	51	<1	<10
AP-29	<100	<5	<10	<1	<3	<2	49	<1	20
AP-09	160	<5	<10	M	<3	<2	25	<1	<10
DPW-06	840	20	<10	<1	<3	<2	28	<1	<10
GI-P01	<100	<5	<10	<1	<3	<2	69	<1	<10
GI-P02	<100	20	<10	<1	<3	<2	65	<1	<10

Note: "---" indicates no data available; "<" indicates the concentration is less than the value (e.g. "<0.5" indicates a concentration of less than 0.5); M indicates presence verified but not quantified
[a] GI-P02 replaces AP-05 and DPW-02 which were dry at the time of sampling