

Water      Sample 00-304      Sample 00-305      Sample 00-306

Analysis      Units      N      Median      MAD      Lab      Median      MAD      Lab      Median      MAD      Lab

pH	Unit	36	7.42	0.19		8.50	0.04		6.97	0.13
EC	ds/m	37	6.11	0.29		0.51	0.04		1.75	0.07

**Cations**

Ca	mmol/L	34	19.0	0.97		0.10	0.04		8.43	0.40
Mg	mmol/L	34	2.72	0.15		0.01	0.01		6.52	0.29
Na	mmol/L	33	43.1	1.9		4.57	0.25		2.97	0.12
K	mmol/L	32	0.25	0.05		0.33	0.02		0.54	0.04
Sum Cations	mmol/L	28	65.3	3.1		5.09	0.38		18.39	0.65
SAR	value	25	13.3	0.6		18.0	3.03		1.10	0.04

**Anions**

HCO <sub>3</sub>	mmol/L	25	0.75	0.15		2.88	0.32		0.24	0.09
Cl	mmol/L	31	33.5	1.75		0.98	0.14		8.56	0.39
NO <sub>3</sub>	mmol/L	32	2.30	0.31		0.01	0.01		0.48	0.04
SO <sub>4</sub>	mmol/L	28	29.3	2.8		0.93	0.10		9.20	0.89
Sum Anions	mmol/L	23	66.3	3.0		4.91	0.35		18.30	1.00

**Cation - Anions**

	mmol/L	28	-0.52	0.13		0.21	0.02		0.69	0.02
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Boron	mg/L	30	2.13	0.13		0.12	0.02		0.14	0.020
Phos (Total ICP)	mg/L	23	0.10	0.06		0.05	0.04		0.45	0.05

1 - Values flagged exceed Warning Limits "\*" Based on 2.5 x MAD (Median Absolute Deviation) and Control Limits "\*\*\*" Based on 4 x MAD.