

Water Sample 00-301 Sample 00-302 Sample 00-303

Analysis	Units	N	Median	MAD	Lab	Median	MAD	Lab	Median	MAD	Lab
pH	Unit	40	8.00	0.10		7.00	0.10		7.70	0.13	
EC	dS/m	39	7.74	0.77		1.78	0.14		0.11	0.01	

Cations

Ca	mmol/L	38	6.82	0.41		8.46	0.43		0.45	0.05	
Mg	mmol/L	38	4.78	0.36		6.59	0.38		0.12	0.03	
Na	mmol/L	37	69.3	5.8		2.99	0.21		0.45	0.05	
K	mmol/L	36	1.20	0.15		0.54	0.03		0.02	0.01	
Sum Cations	mmol/L	29	80.7	3.8		18.5	0.65		1.02	0.08	
SAR	value	30	28.2	3.9		1.1	0.09		0.86	0.08	

Anions

HCO ₃	mmol/L	27	2.49	0.19		0.20	0.04		0.75	0.14	
Cl	mmol/L	32	59.5	2.07		8.5	0.47		0.17	0.06	
NO ₃	mmol/L	36	1.01	0.31		0.50	0.10		0.01	0.01	
SO ₄	mmol/L	33	18.1	3.8		8.8	2.6		0.12	0.04	
Sum Anions	mmol/L	23	80.0	2.5		18.3	0.66		1.11	0.18	

Cation - Anions

Boron	mg/L	32	1.27	0.09		0.17	0.025		0.01	0.01	
Phos (Total ICP)	mg/L	27	1.59	0.14		0.57	0.06		0.05	0.03	

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