

Appendix 4

Chemical Parameters	Database Median (ppm)	Subset Median (ppm)	Δ m.c (%)
Chloride	10	37	370%
Amonium	0.08	0.23	288%
Sodium	14	40	286%
Boron	0.046	0.12	261%
Calcium	26	55	212%
Cadmium	0.00033	0.00067	203%
Magnesium	4.3	8.7	202%
Strontium	0.21	0.4	190%
Manganese	0.017	0.0305	179%
Potassium	2.1	3.5	167%
Sulfates	11	18	164%
Tin	0.0021	0.0034	162%
Cobalt	0.0014	0.0023	161%
Bicarbonates	146.4	207.4	142%
Bromide	2.5	3.5	140%
Chromium	0.00099	0.00134	135%
Barium	0.041	0.055	134%
Iron	0.12	0.15	125%
Lead	0.00033	0.00041	124%
Lithium	0.015	0.018	120%
Fluoride	0.7	0.8	114%
Silicium	5.7	6.5	114%
Antimony	0.0016	0.0017	106%
Molybdene	0.0017	0.0018	106%
Aluminium	0.007	0.00735	105%
Zinc	0.014	0.0145	104%
Nitrate	0.3	0.3	100%
Nickel	0.0019	0.0019	100%
Silver	0.00018	0.00018	100%
Vanadium	0.0026	0.0023	88%
Uranium	0.0021	0.0018	86%
Inorganic phosphorus	0.07	0.05	71%
Copper	0.0043	0.0027	63%
Selenium	0.042	-	-
Beryllium	0.0026	-	-
Titanium	0.0013	-	-
Bismuth	0.00072	-	-

