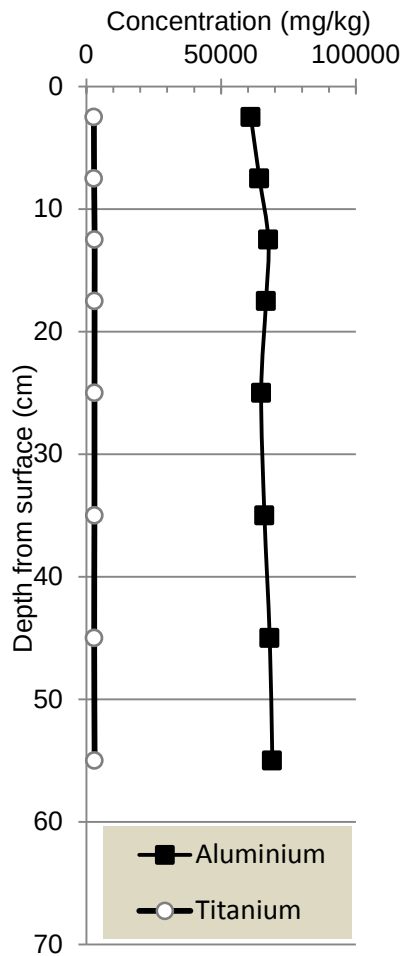
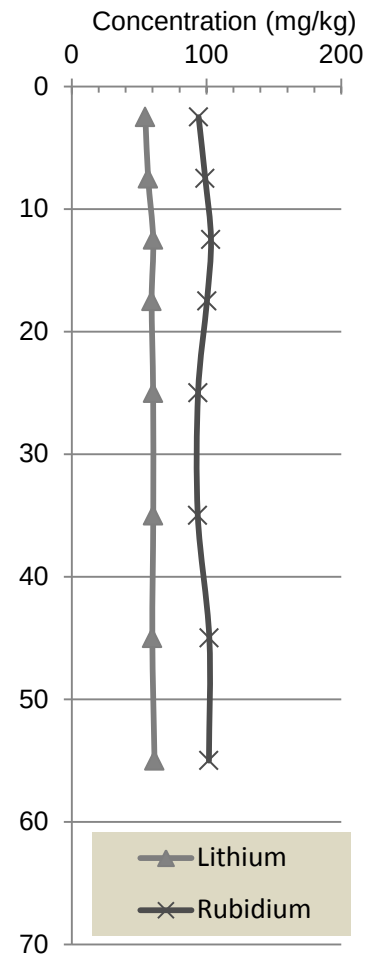
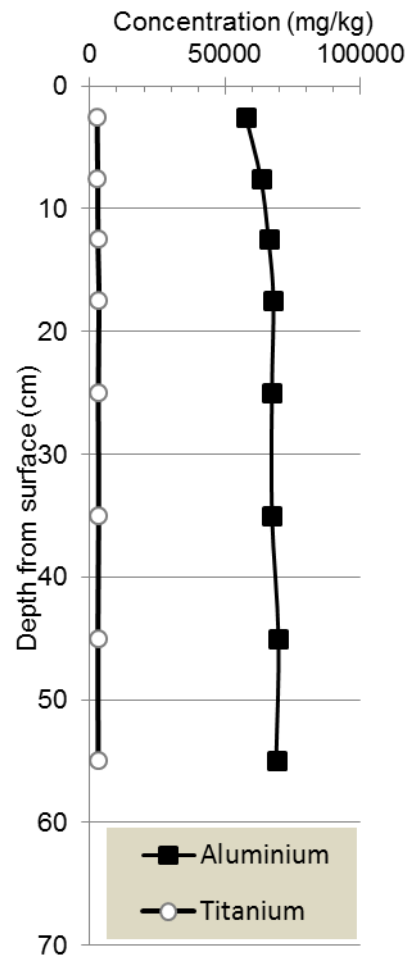
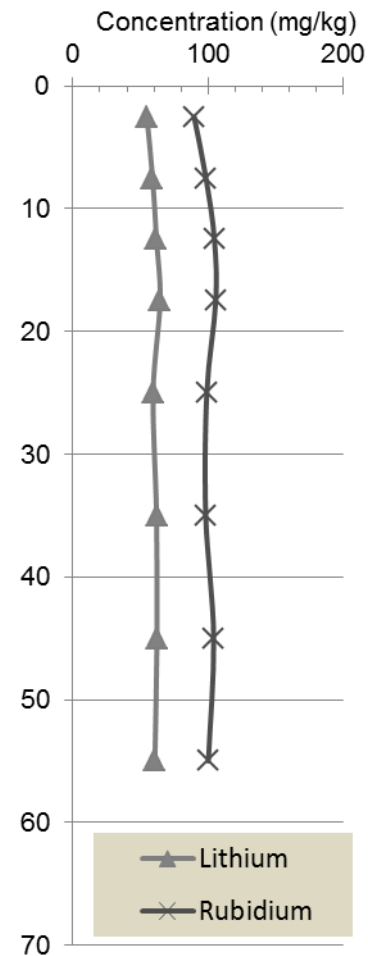


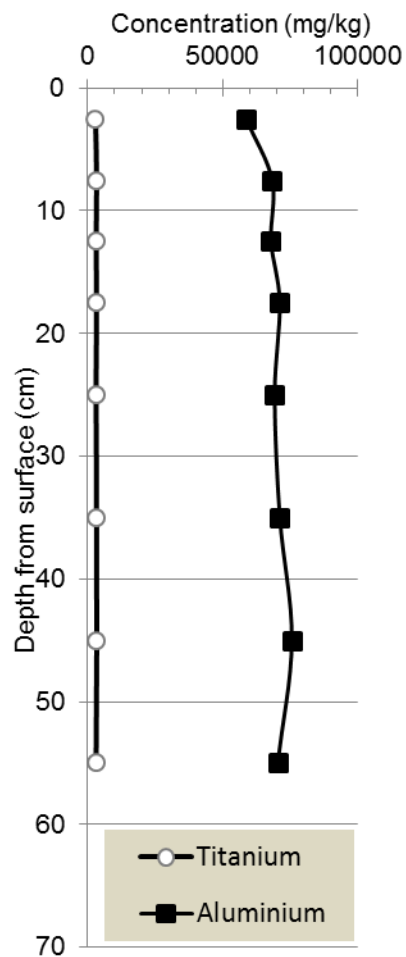


Table 1. Comparison of certified to attained elemental concentrations

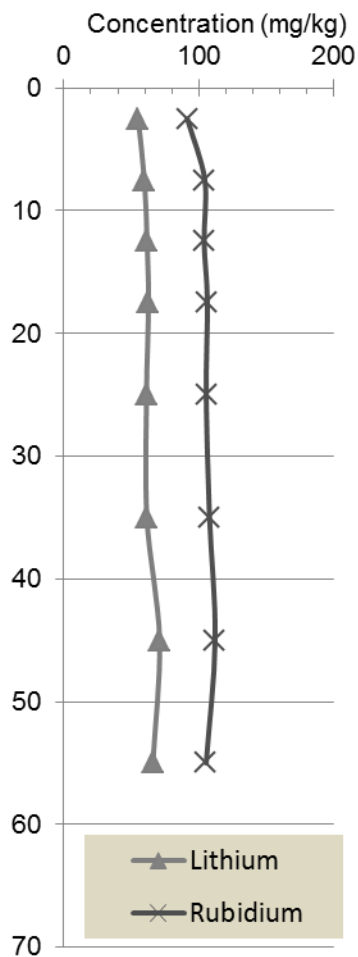
Reference Material	Element	Certificate	Attained
		Value (mg/kg)	Value (mg/kg)
BCR-2 (n=4)	Cu	19 ±2	15.1
	Cr	18 ±2	14.8
MESS-4 (n=3)	Cd	0.28 ±0.04	0.24
	Cr	94.3 ±1.8	84.0
	Cu	32.9 ±1.8	28
	Pb	21.5 ±1.2	22.5
	Ni	42.8 ±1.6	38.4
	Zn	147.6 ±6	145

Core A**Core A****Core B****Core B**

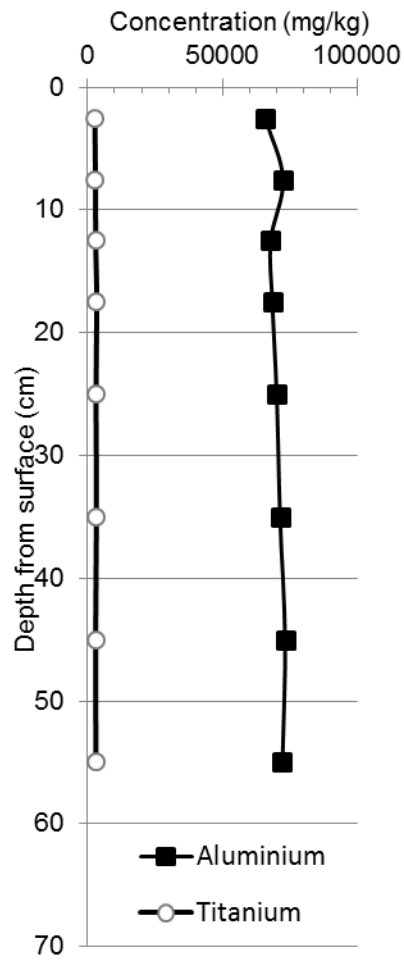
Core C



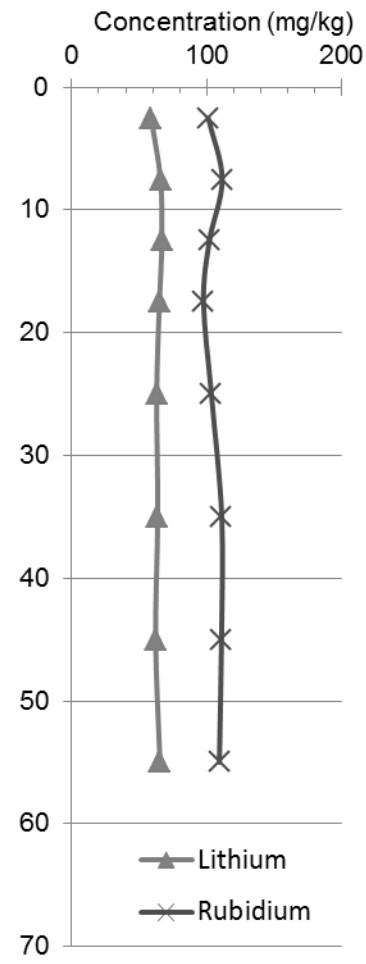
Core C



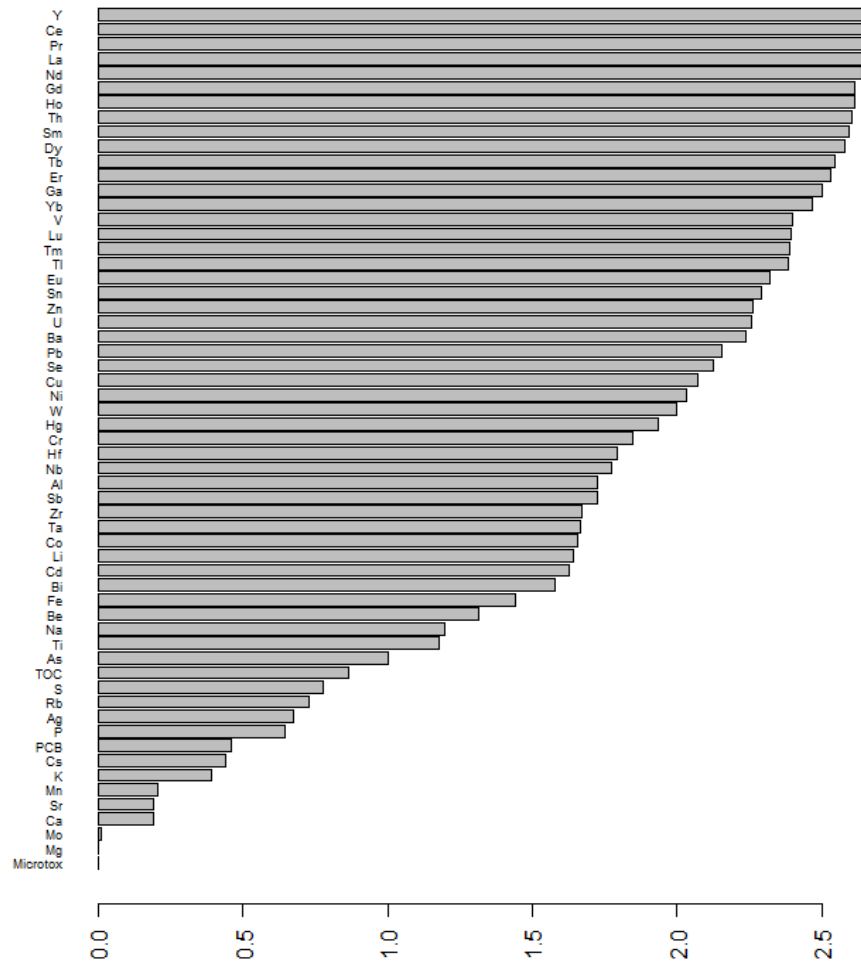
Core D



Core D

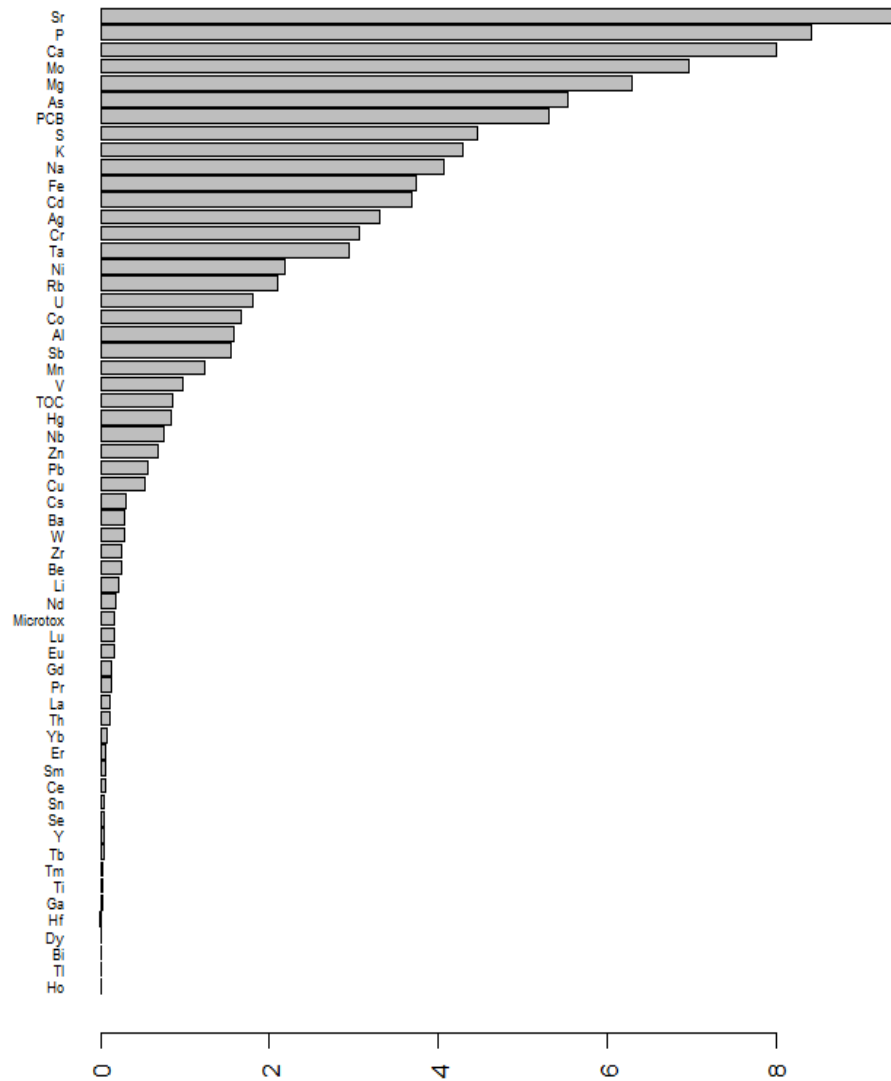


% contributions to PC1

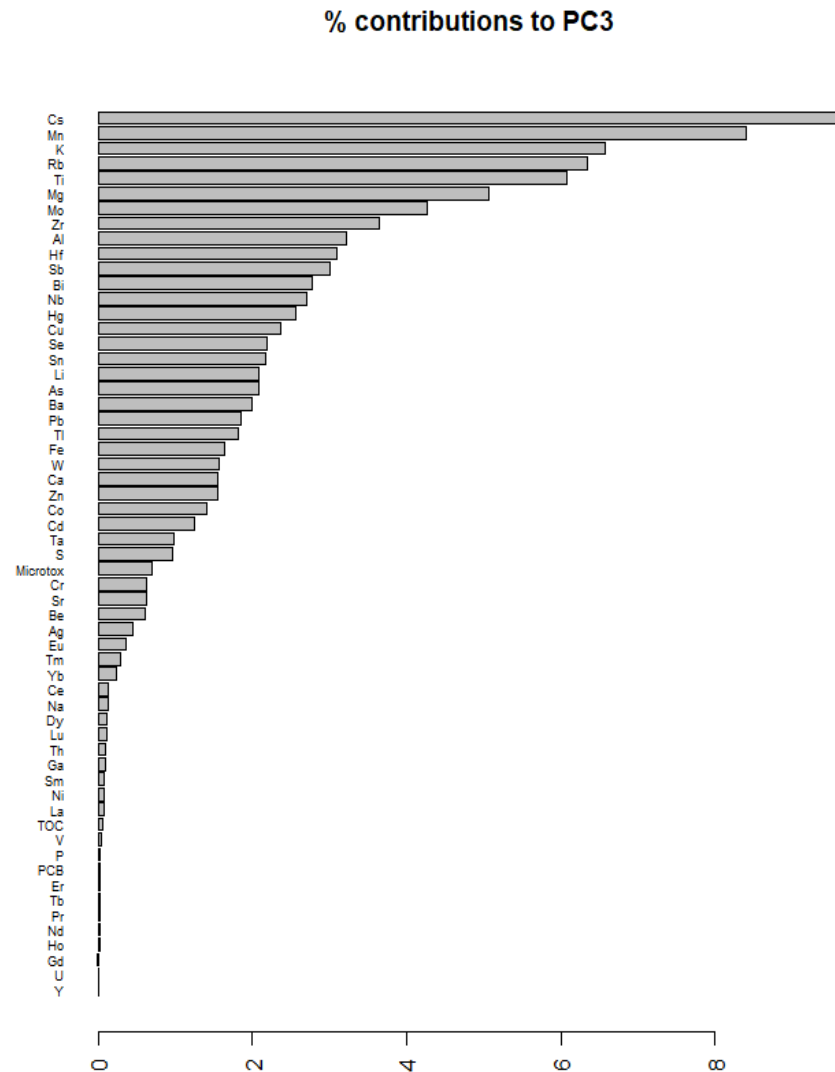


% contributions of the geochemical variables and Microtox to PC1

% contributions to PC2



% contributions of the geochemical variables and Microtox to PC2



% contributions of the geochemical variables and Microtox to PC3