

Supplementary Materials: Source Apportionment of Chemical Elements and Their Geochemical Baseline Values in Surface Water of the Parauapebas River Basin, Southeast Amazon, Brazil

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Table S1. Physicochemical parameters, anions and elements with statistical representation.

Water Constituents		%<DL		No. of Samples	
				<DL	
		R	D	R	D
Physico-chemical Parameter	Eletrical conductivity—EC*	0	0	0	0
	Dissolved oxygen—DO	0	0	0	0
	pH*	-	-	-	-
	Total dissolved solids—TDS	0	0	0	0
	Turbidity	0	0	0	0
	Temperature*	-	-	-	-
	Redox potential*	-	-	-	-
Anions and P _{to-} tal	NO ₃ ⁻	77.3	85.0	136	130
	SO ₄ ²⁻	51.1	56.9	90	87
	Cl ⁻	1.7	0.7	3	1
	P _{total}	2.8	17.0	5	26
	F ⁻	69.3	46.4	122	71
Most abundant trace elements (mg/l)	Ca	0	0	0	0
	Fe	0	0	0	0
	Mg	0	0	0	0
	K	0	0	0	0
	Na	0	0	0	0
	Mn	0	0	0	0
	Al	0	0	0	0
Trace elements with lower contents (µg/l)	Ba	0.0	0.0	0	0
	B	48.3	52.3	85	80
	Co	56.8	68.0	100	104
	Cu	32.4	24.8	57	38
	Cr	64.2	78.4	113	120
	Sn	48.9	24.2	86	37
	Sr	0.0	0.7	0	1
	Ni	64.2	73.2	113	112
	Rb	23.3	47.7	41	73
	Ti	5.1	6.5	9	10
	V	47.2	58.2	83	89
	Zn	21.0	2.0	37	3

Note: DL—Detection limit; R—Rainy period; D—Dry season.