

Table 1 Concentration of heavy metals among the various locations with their respective background values

Seasons	Heavy Metals	Background considerations		Min	Max	Locations				
		BMM	BGM			LA	LB	LC	LD	LE
Dry	Cu	6.06	5.94	3.10	10.41	6.06	8.83	4.29	10.41	3.10
	Zn	43.45	32.47	9.65	49.75	9.65	38.09	43.45	45.41	49.75
	Mn	39.19	32.47	18.37	55.29	18.37	20.91	39.19	43.03	55.29
	Pb	5.27	4.84	1.66	10.63	9.92	10.63	5.27	2.88	1.66
	Cd	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
	Cr	2.12	1.62	0.38	3.9	3.9	0.38	2.12	1.54	2.31
	Ni	2.66	2.85	1.88	4.21	4.21	1.88	2.66	4.20	2.13
Wet	Co	10.31	8.13	3.34	11.28	3.34	10.31	11.28	10.86	8.39
	Cu	3.87	4.07	3.34	4.84	3.87	4.83	3.69	3.34	4.84
	Zn	40.31	35.47	18.98	49.65	18.98	49.65	34.72	40.33	42.55
	Mn	39.69	35.82	18.47	53.87	18.47	53.87	34.07	43.83	39.69
	Pb	1.89	2.22	0.79	8.21	1.89	8.21	0.79	1.89	2.35
	Cd	0.23	0.3	0.23	0.479	0.23	0.479	0.23	0.23	0.447
	Cr	1.59	1.84	1.19	4.5	2.13	1.18	1.59	1.19	4.5
Ni	1.38	1.77	0.88	4.87	0.88	2.94	4.87	1.38	1.00	
Co	0.039	0.051	0.039	0.083	0.083	0.039	0.039	0.039	0.071	

Note: Izah et al. (2017c); BMM-Background median mean; BGM-Background geometric mean