

Table 3 Index of Geo-accumulation of heavy metals in cassava mill effluents contaminated soil

Location	Season	BMM									BGM								
		Cu	Zn	Mn	Fe	Pb	Cd	Cr	Ni	Co	Cu	Zn	Mn	Fe	Pb	Cd	Cr	Ni	Co
LA	Dry	-0.58	-2.74	-1.69	-1.89	0.32	-0.62	0.30	0.08	-2.18	-0.56	-2.32	-1.40	-1.74	0.45	-0.62	0.68	-0.03	-1.89
	Wet	-0.94	-1.69	-1.69	-0.71	-0.58	-0.60	-0.17	-1.22	0.50	-0.67	-1.47	-1.56	-0.74	-0.81	-0.97	0.82	-1.60	0.11
LB	Dry	-0.04	-0.79	-1.47	-1.56	0.42	-0.62	-3.06	-1.09	-0.58	-0.01	-0.36	-1.22	-1.36	0.55	-0.62	-2.64	-1.18	-0.23
	Wet	-0.64	-0.29	-0.15	-0.92	1.53	0.45	-1.03	0.51	-0.60	-0.34	-0.10	0.00	-0.94	2.47	0.10	-1.22	0.15	-0.97
LC	Dry	-1.09	-0.58	-0.58	0.11	-0.58	-0.62	-0.58	-0.58	-0.45	-1.06	-0.17	-0.32	0.30	-0.45	-0.62	-0.20	-1.00	-0.12
	Wet	-1.03	-0.81	-0.81	-0.25	-1.84	-0.60	-0.58	1.27	-0.60	-0.71	-0.62	-0.67	-0.27	-2.06	-0.97	-0.79	0.87	-0.97
LD	Dry	0.20	-0.51	-0.45	0.03	-1.47	-0.62	-1.06	0.07	-0.51	0.23	-0.10	-0.18	0.23	-1.32	-0.62	-0.67	-0.03	-0.17
	Wet	-1.15	-0.58	-0.43	-0.30	-0.58	-0.60	-1.00	-0.58	-0.60	-0.86	-0.40	-0.29	-0.30	-0.81	-0.97	-1.22	-0.94	-0.97
LE	Dry	-1.56	-0.40	-0.09	-0.58	-2.25	-0.62	-0.45	-0.92	-0.89	-1.35	0.03	0.19	-0.40	-2.12	-0.62	-0.07	-1.00	-0.54
	Wet	-0.62	-0.51	-0.58	0.58	-0.27	0.37	0.91	-1.06	0.26	-0.34	-0.32	-0.43	-0.60	-0.49	0.00	0.70	-1.40	-0.12

Note: $I_{geo} \leq 0$ (uncontaminated), $0 < I_{geo} \leq 1$ (uncontaminated to moderately contaminated), $1 < I_{geo} \leq 2$ (moderately contaminated), $2 < I_{geo} < 3$ (moderately to heavily contaminated), $3 < I_{geo} < 4$ (heavily contaminated), $4 < I_{geo} < 5$ (heavily to extremely contaminated), $I_{geo} \geq 5$ (extremely contaminated)

BMM- Background median mean, BGM- Background geometric mean