

Table 2 Mean of heavy metals concentrations ( $\mu\text{g/g}$ ) in surface sediments from different locations

Location	Cu	Zn	Pb	Cd	Fe	Mn	Ni	Co
G1	25.0 $\pm$ 7.2	34.3 $\pm$ 17.7	32.7 $\pm$ 5.4	3.2 $\pm$ 0.6	5289 $\pm$ 820	148.3 $\pm$ 81.3	24.0 $\pm$ 4.4	13.7 $\pm$ 1.2
G2	22.1 $\pm$ 2.7	31.1 $\pm$ 11.0	39.4 $\pm$ 8.8	3.4 $\pm$ 0.8	4128 $\pm$ 868	129.8 $\pm$ 92.8	22.1 $\pm$ 2.6	13.6 $\pm$ 1.4
G3	25.1 $\pm$ 10.4	24.9 $\pm$ 11.2	46.0 $\pm$ 4.7	4.0 $\pm$ 0.6	3324 $\pm$ 1309	135.3 $\pm$ 64.2	18.3 $\pm$ 2.1	13.8 $\pm$ 1.7
H1	38.6 $\pm$ 19.3	47.5 $\pm$ 15.4	45.5 $\pm$ 8.7	3.6 $\pm$ 0.5	8258 $\pm$ 2716	250.3 $\pm$ 88.1	28.4 $\pm$ 6.1	14.8 $\pm$ 1.4
H2	106.8 $\pm$ 30.5	174.2 $\pm$ 36.1	76.1 $\pm$ 11.4	4.4 $\pm$ 0.9	10984 $\pm$ 2112	214.3 $\pm$ 20.8	38.4 $\pm$ 14.5	14.3 $\pm$ 3.0
H3	45.4 $\pm$ 27.7	39.9 $\pm$ 17.0	49.5 $\pm$ 11.2	3.1 $\pm$ 0.5	6861 $\pm$ 317	161.9 $\pm$ 61.0	22.2 $\pm$ 3.9	14.3 $\pm$ 3.2
S1	74.5 $\pm$ 34.4	73.3 $\pm$ 23.6	56.4 $\pm$ 13.8	3.5 $\pm$ 0.4	17998 $\pm$ 5490	378.5 $\pm$ 187.8	38.4 $\pm$ 17.8	19.1 $\pm$ 5.4
S2	34.3 $\pm$ 9.8	70.2 $\pm$ 20.8	46.7 $\pm$ 11.8	4.3 $\pm$ 0.5	16436 $\pm$ 2120	470.0 $\pm$ 89.3	34.6 $\pm$ 7.1	14.0 $\pm$ 2.0
S3	28.8 $\pm$ 14.5	46.6 $\pm$ 19.5	30.9 $\pm$ 13.0	2.7 $\pm$ 0.3	19296 $\pm$ 8007	536.7 $\pm$ 203.0	35.1 $\pm$ 6.0	19.2 $\pm$ 4.7
Q1	24.9 $\pm$ 13.8	32.4 $\pm$ 23.1	49.1 $\pm$ 10.5	1.9 $\pm$ 0.5	5258 $\pm$ 1885	185.2 $\pm$ 48.2	27.9 $\pm$ 9.8	14.5 $\pm$ 3.5
Q2	43.5 $\pm$ 9.9	88.2 $\pm$ 19.4	54.8 $\pm$ 16.0	5.1 $\pm$ 0.5	17676 $\pm$ 1052	431.0 $\pm$ 123.1	58.9 $\pm$ 7.4	20.4 $\pm$ 2.5
Q3	26.1 $\pm$ 8.3	37.9 $\pm$ 6.8	33.7 $\pm$ 12.1	2.9 $\pm$ 1.1	11731 $\pm$ 1960	288.1 $\pm$ 44.0	35.7 $\pm$ 7.3	15.2 $\pm$ 5.7
Average	41.3	58.4	46.7	3.5	10603	277.4	32.0	15.6
Max.	106.8	174.2	76.1	5.1	19296	536.7	58.9	20.4
Min.	22.1	24.9	30.9	1.9	3324	129.8	18.3	13.6