toxics

MDPI

Article

Modeling and Assessing the Spatial and Vertical Distributions of Potentially Toxic Elements in Soil and How the Concentrations Differ

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Table S1. Contamination Factor (CF) and Pollution Loading Index (PLI) for PTEs in the organic soil horizon (*N* = 221).

Sample	CF_Cr	CF_Cu	CF_Pb	PLI	Interpretation/Significance
1	0.13	0.47	2.13	0.51	Non- polluted
2	0.09	0.16	1.41	0.27	Non- polluted
3	0.11	0.35	2.37	0.45	Non- polluted
4	0.11	0.17	1.97	0.34	Non- polluted
5	0.11	0.28	3.85	0.49	Non- polluted
6	0.12	0.25	2.69	0.43	Non- polluted
7	0.10	0.22	2.10	0.35	Non- polluted
8	0.10	0.31	3.26	0.47	Non- polluted
9	0.10	0.20	2.48	0.37	Non- polluted
10	0.08	0.19	2.06	0.31	Non- polluted
11	0.06	0.07	0.68	0.14	Non- polluted
12	0.21	0.52	3.01	0.69	Non- polluted
13	0.20	0.53	5.37	0.83	Non- polluted
14	0.18	0.47	3.63	0.68	Non- polluted
15	0.20	0.62	3.26	0.74	Non- polluted
16	0.19	0.48	2.61	0.62	Non- polluted
17	0.23	0.43	2.86	0.65	Non- polluted
18	0.21	0.56	1.97	0.61	Non- polluted
19	0.16	0.57	2.24	0.59	Non- polluted
20	0.15	0.48	3.44	0.63	Non- polluted
21	0.19	0.54	4.07	0.76	Non- polluted
22	0.21	0.55	6.67	0.91	Non- polluted
23	0.18	0.58	5.96	0.85	Non- polluted
24	0.20	0.55	5.48	0.84	Non- polluted
25	0.09	0.17	2.36	0.33	Non- polluted
26	0.16	0.58	4.52	0.74	Non- polluted
27	0.23	0.77	4.78	0.94	Non- polluted
28	0.20	0.85	3.89	0.87	Non- polluted
29	0.12	0.37	4.93	0.60	Non- polluted
30	0.15	0.45	6.07	0.74	Non- polluted
31	0.16	0.59	3.89	0.72	Non- polluted
32	0.13	0.39	2.55	0.51	Non- polluted
33	0.19	0.83	7.04	1.03	Deteriorating site quality
34	0.19	0.68	5.22	0.87	Non- polluted
35	0.19	0.53	9.37	0.98	Non- polluted
36	0.19	0.81	12.56	1.24	Deteriorating site quality
37	0.16	0.51	5.81	0.77	Non- polluted
38	0.10	0.48	3.30	0.54	Non- polluted

39	0.14	0.61	5.22	0.76	Non- polluted
40	0.13	0.47	6.59	0.74	Non- polluted
41	0.15	0.59	4.44	0.73	Non- polluted
42	0.11	0.35	2.57	0.46	Non- polluted
43	0.19	0.60	4.56	0.81	Non- polluted
44	0.15	0.48	5.07	0.71	Non- polluted
45	0.12	0.32	2.69	0.47	Non- polluted
46	0.23	0.83	4.56	0.96	Non- polluted
47	0.19	0.70	5.81	0.91	Non- polluted
48	0.12	0.48	2.10	0.49	Non- polluted
49	0.23	0.81	4.81	0.97	Non- polluted
50	0.10	0.46	2.35	0.48	Non- polluted
51	0.05	0.28	1.43	0.27	Non- polluted
52	0.22	0.30	2.04	0.51	Non- polluted
53	0.17	0.62	4.30	0.77	Non- polluted
54	0.19	0.45	3.89	0.69	Non- polluted
55	0.12	0.44	2.98	0.54	Non- polluted
56	0.22	0.72	3.11	0.79	Non- polluted
57	0.08	0.41	1.93	0.40	Non- polluted
58	0.25	0.55	3.70	0.80	Non- polluted
59	0.14	0.34	2.68	0.50	Non- polluted
60	0.13	0.49	3.44	0.61	Non- polluted
61	0.11	0.54	3.54	0.59	Non- polluted
62	0.15	0.50	4.15	0.67	Non- polluted
63	0.15	0.43	4.15	0.64	Non- polluted
64	0.17	0.48	5.63	0.76	Non- polluted
65	0.16	1.35	4.96	1.02	Deteriorating site quality
66	0.20	0.53	3.52	0.72	Non- polluted
67	0.18	0.63	3.27	0.72	Non- polluted
68	0.21	0.65	4.00	0.81	Non- polluted
69	0.25	0.65	4.11	0.87	Non- polluted
70	0.21	0.73	4.48	0.89	Non- polluted
71	0.19	0.52	3.56	0.71	Non- polluted
72	0.24	0.57	4.81	0.87	Non- polluted
73	0.24	0.61	4.19	0.85	Non- polluted
74	0.17	0.62	4.30	0.78	Non- polluted
75	0.15	0.17	1.79	0.35	Non- polluted
76	0.15	0.34	7.19	0.72	Non- polluted
77	0.19	0.53	4.26	0.75	Non- polluted
78	0.18	0.58	4.37	0.77	Non- polluted
79	0.14	0.49	4.00	0.65	Non- polluted
80	0.17	0.51	5.00	0.76	Non- polluted
81	0.21	0.80	5.81	1.00	Baseline level of pollutant present
82	0.19	0.76	5.37	0.92	Non- polluted
83	0.16	0.58	3.93	0.72	Non- polluted
84	0.18	0.56	5.85	0.84	Non- polluted
85	0.17	0.40	6.30	0.75	Non- polluted
86	0.14	0.61	6.78	0.83	Non- polluted
87	0.21	0.61	6.74	0.95	Non- polluted
88	0.18	0.47	6.96	0.84	Non- polluted
89	0.12	0.43	5.07	0.64	Non- polluted

90	0.23	0.76	5.00	0.95	Non- polluted
91	0.21	0.54	4.07	0.77	Non- polluted
92	0.11	0.38	2.64	0.48	Non- polluted
93	0.23	0.52	6.93	0.93	Non- polluted
94	0.11	0.68	2.19	0.55	Non- polluted
95	0.12	0.34	2.09	0.45	Non- polluted
96	0.09	0.27	2.30	0.39	Non- polluted
97	0.19	0.38	4.33	0.68	Non- polluted
98	0.12	0.46	4.26	0.61	Non- polluted
99	0.18	0.35	3.00	0.58	Non- polluted
100	0.13	0.43	3.23	0.56	Non- polluted
101	0.17	0.53	4.22	0.72	Non- polluted
102	0.24	0.48	4.26	0.79	Non- polluted
103	0.29	0.88	5.04	1.09	Deteriorating site quality
104	0.22	0.45	5.15	0.79	Non- polluted
105	0.10	0.23	3.85	0.45	Non- polluted
106	0.12	0.23	4.37	0.50	Non- polluted
107	0.15	0.34	3.50	0.56	Non- polluted
108	0.12	0.22	2.84	0.42	Non- polluted
109	0.71	0.34	3.07	0.90	Non- polluted
110	0.14	0.36	3.10	0.54	Non- polluted
111	0.63	0.29	2.43	0.76	Non- polluted
112	1.18	0.15	1.04	0.57	Non- polluted
113	1.43	0.31	2.86	1.08	Deteriorating site quality
114	1.19	0.31	2.34	0.95	Non- polluted
115	0.08	0.26	1.68	0.33	Non- polluted
116	0.09	0.31	1.51	0.34	Non- polluted
117	0.08	0.28	1.75	0.34	Non- polluted
118	0.08	0.06	0.46	0.13	Non- polluted
119	0.17	0.24	1.29	0.37	Non- polluted
120	0.09	0.16	1.31	0.27	Non- polluted
121	0.11	0.43	4.48	0.61	Non- polluted
122	0.13	0.53	3.68	0.64	Non- polluted
123	0.09	0.16	1.41	0.27	Non- polluted
124	0.12	0.19	1.44	0.32	Non- polluted
125	0.10	0.31	3.26	0.47	Non- polluted
126	0.07	0.26	2.16	0.35	Non- polluted
127	0.08	0.20	1.53	0.29	Non- polluted
128	0.12	0.17	2.63	0.39	Non- polluted
129	0.29	0.33	2.26	0.60	Non- polluted
130	0.15	0.33	3.10	0.53	Non- polluted
131	0.15	0.45	5.19	0.71	Non- polluted
132	0.43	0.21	1.33	0.49	Non- polluted
133	0.18	0.41	3.17	0.61	Non- polluted
134	0.19	0.59	3.74	0.74	Non- polluted
135	0.11	0.24	2.70	0.42	Non- polluted
136	0.18	0.39	3.70	0.64	Non- polluted
137	0.16	0.36	1.88	0.47	Non- polluted
138	0.18	0.48	2.49	0.59	Non- polluted
139	0.17	0.58	3.44	0.70	Non- polluted
140	0.18	0.55	3.27	0.69	Non- polluted

141	0.17	0.54	5.93	0.82	Non- polluted
142	0.12	0.17	3.54	0.41	Non- polluted
143	0.13	0.31	3.78	0.54	Non- polluted
144	0.16	0.43	7.30	0.80	Non- polluted
145	0.15	0.54	6.22	0.79	Non- polluted
146	0.20	0.68	5.93	0.93	Non- polluted
147	0.21	0.66	7.22	1.00	Baseline level of pollutant present
148	0.16	0.22	1.93	0.41	Non- polluted
149	0.22	0.79	5.70	0.99	Non- polluted
150	0.16	0.67	7.15	0.92	Non- polluted
151	0.12	0.40	3.28	0.54	Non- polluted
152	0.17	0.34	3.26	0.57	Non- polluted
153	0.11	0.25	2.57	0.42	Non- polluted
154	0.19	0.70	5.56	0.91	Non- polluted
155	0.15	0.34	3.57	0.57	Non- polluted
156	0.43	0.49	3.43	0.90	Non- polluted
157	0.26	0.88	9.26	1.29	Deteriorating site quality
158	0.18	0.42	4.93	0.72	Non- polluted
159	0.12	0.15	4.04	0.42	Non- polluted
160	0.14	0.18	2.50	0.40	Non- polluted
161	0.17	0.43	6.15	0.77	Non- polluted
162	0.16	0.46	7.74	0.83	Non- polluted
163	0.16	0.29	3.78	0.56	Non- polluted
164	0.13	0.16	4.04	0.43	Non- polluted
165	0.10	0.15	3.51	0.38	Non- polluted
166	0.14	0.50	5.11	0.70	Non- polluted
167	0.16	0.32	5.19	0.64	Non- polluted
168	0.18	0.65	5.41	0.87	Non- polluted
169	0.06	0.29	1.24	0.27	Non- polluted
170	0.18	0.56	4.74	0.78	Non- polluted
171	0.14	0.21	2.39	0.41	Non- polluted
172	0.22	0.47	5.37	0.82	Non- polluted
173	0.40	0.56	3.85	0.96	Non- polluted
174	0.12	0.14	3.52	0.39	Non- polluted
175	0.14	0.21	2.77	0.43	Non- polluted
176	0.13	0.20	4.19	0.48	Non- polluted
177	0.14	0.32	3.63	0.55	Non- polluted
178	0.14	0.28	4.48	0.57	Non- polluted
179	0.13	0.33	2.30	0.46	Non- polluted
180	0.22	0.18	3.24	0.51	Non- polluted
181	0.22	0.33	4.04	0.66	Non- polluted
182	0.12	2.11	2.78	0.89	Non- polluted
183	0.17	0.12	2.59	0.37	Non- polluted
184	0.15	0.20	4.67	0.51	Non- polluted
185	0.17	0.21	2.97	0.47	Non- polluted
186	0.11	0.23	3.45	0.44	Non- polluted
187	0.14	0.26	4.37	0.55	Non- polluted
188	0.16	0.08	1.85	0.29	Non- polluted
189	0.15	0.14	3.41	0.42	Non- polluted
190	0.18	0.36	4.56	0.67	Non- polluted
191	0.14	0.18	2.91	0.42	Non- polluted

192	0.98	0.23	2.17	0.78	Non- polluted
193	0.25	0.40	10.78	1.02	Deteriorating site quality
194	0.16	0.56	4.15	0.72	Non- polluted
195	0.31	0.44	2.01	0.65	Non- polluted
196	0.45	0.13	1.75	0.47	Non- polluted
197	1.30	0.27	1.99	0.89	Non- polluted
198	0.07	0.17	1.19	0.24	Non- polluted
199	0.06	0.06	0.26	0.10	Non- polluted
200	0.09	0.25	3.19	0.42	Non- polluted
201	0.09	0.32	2.69	0.43	Non- polluted
202	0.09	0.26	1.26	0.31	Non- polluted
203	0.08	0.09	1.14	0.20	Non- polluted
204	0.07	0.18	1.95	0.29	Non- polluted
205	0.10	0.40	3.01	0.49	Non- polluted
206	0.11	0.48	3.32	0.55	Non- polluted
207	0.08	0.19	2.39	0.33	Non- polluted
208	0.07	0.21	1.61	0.29	Non- polluted
209	0.07	0.19	1.69	0.28	Non- polluted
210	0.15	0.43	2.86	0.57	Non- polluted
211	0.13	0.30	3.47	0.52	Non- polluted
212	0.11	0.35	2.37	0.45	Non- polluted
213	0.11	0.17	1.97	0.34	Non- polluted
214	0.12	0.25	2.69	0.43	Non- polluted
215	0.10	0.20	2.48	0.37	Non- polluted
216	0.08	0.13	1.63	0.25	Non- polluted
217	0.08	0.19	2.06	0.31	Non- polluted
218	0.06	0.07	0.68	0.14	Non- polluted
219	0.06	0.19	1.23	0.24	Non- polluted
220	0.09	0.40	2.64	0.45	Non- polluted
221	0.13	0.17	1.04	0.29	Non- polluted

Table S2. Contamination Factor (CF) and Pollution Loading Index (PLI) for PTEs in the mineral soil horizon (*N* = 221).

Sample	CF_Cr	CF_Cu	CF_Pb	PLI	Interpretation/Significance
1	0.03	0.05	0.76	0.10	Non-polluted
2	0.02	0.03	0.43	0.06	Non-polluted
3	0.01	0.01	0.25	0.03	Non-polluted
4	0.04	0.03	0.80	0.10	Non-polluted
5	0.01	0.02	0.46	0.04	Non-polluted
6	0.05	0.03	0.63	0.10	Non-polluted
7	0.03	0.02	0.30	0.05	Non-polluted
8	0.03	0.01	0.60	0.04	Non-polluted
9	0.03	0.03	0.50	0.07	Non-polluted
10	0.01	0.02	0.37	0.04	Non-polluted
11	0.03	0.05	0.77	0.10	Non-polluted
12	0.08	0.06	0.98	0.17	Non-polluted
13	0.08	0.09	1.69	0.23	Non-polluted
14	0.08	0.05	1.14	0.17	Non-polluted
15	0.08	0.06	0.87	0.16	Non-polluted
16	0.06	0.05	1.14	0.15	Non-polluted
17	0.07	0.07	1.21	0.18	Non-polluted
18	0.02	0.02	0.63	0.07	Non-polluted

19	0.01	0.02	0.37	0.05	Non-polluted
20	0.04	0.04	0.93	0.11	Non-polluted
21	0.06	0.04	1.24	0.15	Non-polluted
22	0.11	0.08	2.77	0.29	Non-polluted
23	0.08	0.10	2.55	0.27	Non-polluted
24	0.10	0.07	2.74	0.27	Non-polluted
25	0.03	0.04	1.24	0.12	Non-polluted
26	0.04	0.05	3.53	0.19	Non-polluted
27	0.09	0.17	3.58	0.38	Non-polluted
28	0.04	0.15	3.65	0.28	Non-polluted
29	0.03	0.10	1.78	0.17	Non-polluted
30	0.05	0.10	1.08	0.17	Non-polluted
31	0.08	0.13	2.25	0.28	Non-polluted
32	0.03	0.09	2.61	0.19	Non-polluted
33	0.07	0.07	1.70	0.21	Non-polluted
34	0.07	0.13	1.98	0.25	Non-polluted
35	0.07	0.06	1.46	0.18	Non-polluted
36	0.03	0.06	1.78	0.15	Non-polluted
37	0.06	0.04	2.18	0.17	Non-polluted
38	0.08	0.14	2.27	0.29	Non-polluted
39	0.04	0.12	3.51	0.26	Non-polluted
40	0.06	0.04	2.74	0.19	Non-polluted
41	0.05	0.12	3.55	0.28	Non-polluted
42	0.02	0.09	1.98	0.16	Non-polluted
43	0.06	0.06	1.85	0.19	Non-polluted
44	0.05	0.04	2.25	0.16	Non-polluted
45	0.06	0.12	2.64	0.26	Non-polluted
46	0.06	0.06	3.00	0.23	Non-polluted
47	0.05	0.12	2.78	0.26	Non-polluted
48	0.06	0.04	1.13	0.14	Non-polluted
49	0.16	0.06	1.79	0.25	Non-polluted
50	0.03	0.18	2.36	0.24	Non-polluted
51	0.06	0.15	3.86	0.32	Non-polluted
52	0.12	0.14	2.28	0.34	Non-polluted
53	0.04	0.04	1.18	0.13	Non-polluted
54	0.10	0.13	1.58	0.27	Non-polluted
55	0.07	0.23	1.80	0.31	Non-polluted
56	0.07	0.18	2.27	0.31	Non-polluted
57	0.06	0.23	3.17	0.34	Non-polluted
58	0.14	0.24	4.34	0.53	Non-polluted
59	0.05	0.06	1.69	0.18	Non-polluted
60	0.03	0.17	1.32	0.18	Non-polluted
61	0.14	0.32	3.89	0.56	Non-polluted
62	0.04	0.08	2.21	0.19	Non-polluted
63	0.03	0.10	2.13	0.18	Non-polluted
64	0.07	0.10	2.67	0.27	Non-polluted
65	0.04	0.98	2.41	0.46	Non-polluted
66	0.06	0.08	1.48	0.19	Non-pollutted
67	0.05	0.17	1.73	0.24	Non-pollutted
68	0.04	0.09	2.10	0.21	Non-pollutted
69	0.06	0.09	1.42	0.21	Non-pollutted

70	0.02	0.05	1.30	0.11	Non-pollutted
71	0.04	0.04	1.03	0.12	Non-pollutted
72	0.05	0.10	2.98	0.25	Non-pollutted
73	0.05	0.06	1.69	0.17	Non-pollutted
74	0.04	0.06	2.27	0.17	Non-pollutted
75	0.05	0.05	1.09	0.13	Non-pollutted
76	0.04	0.06	2.30	0.17	Non-pollutted
77	0.08	0.15	2.75	0.32	Non-pollutted
78	0.06	0.16	3.37	0.32	Non-pollutted
79	0.09	0.10	1.22	0.22	Non-pollutted
80	0.12	0.09	2.40	0.30	Non-pollutted
81	0.12	0.26	2.51	0.43	Non-pollutted
82	0.05	0.07	2.14	0.20	Non-pollutted
83	0.06	0.14	2.32	0.27	Non-pollutted
84	0.06	0.08	2.32	0.23	Non-pollutted
85	0.02	0.08	1.87	0.15	Non-pollutted
86	0.03	0.08	2.16	0.17	Non-pollutted
87	0.04	0.07	2.74	0.20	Non-pollutted
88	0.08	0.09	2.24	0.25	Non-pollutted
89	0.06	0.12	2.84	0.27	Non-pollutted
90	0.08	0.17	2.72	0.33	Non-pollutted
91	0.03	0.07	1.69	0.16	Non-pollutted
92	0.06	0.11	2.97	0.27	Non-pollutted
93	0.04	0.09	3.57	0.23	Non-pollutted
94	0.05	0.19	2.82	0.29	Non-pollutted
95	0.08	0.12	1.32	0.23	Non-pollutted
96	0.05	0.09	1.93	0.20	Non-pollutted
97	0.06	0.09	2.34	0.23	Non-pollutted
98	0.06	0.12	2.47	0.26	Non-pollutted
99	0.04	0.22	2.74	0.30	Non-pollutted
100	0.08	0.16	3.06	0.33	Non-pollutted
101	0.04	0.09	1.68	0.18	Non-pollutted
102	0.07	0.12	2.42	0.27	Non-pollutted
103	0.06	0.21	0.89	0.22	Non-pollutted
104	0.08	0.11	2.55	0.28	Non-pollutted
105	0.05	0.03	2.04	0.14	Non-pollutted
106	0.07	0.05	1.85	0.19	Non-pollutted
107	0.08	0.12	2.01	0.26	Non-pollutted
108	0.07	0.19	2.22	0.30	Non-pollutted
109	0.11	0.17	2.20	0.35	Non-pollutted
110	0.14	0.15	0.83	0.26	Non-pollutted
111	0.21	0.84	10.41	1.22	Deteriorating site quality
112	0.12	0.28	2.77	0.45	Non-pollutted
113	0.17	0.29	2.60	0.51	Non-pollutted
114	0.16	0.46	4.11	0.67	Non-pollutted
115	0.10	0.55	3.70	0.60	Non-pollutted
116	0.09	0.32	2.97	0.44	Non-pollutted
117	0.11	0.28	1.84	0.38	Non-pollutted
118	0.08	0.34	3.85	0.48	Non-pollutted
119	0.12	0.31	3.09	0.48	Non-pollutted
120	0.19	0.26	3.32	0.55	Non-pollutted

121	0.08	0.26	2.83	0.39	Non-pollutted
122	0.07	0.26	2.49	0.35	Non-pollutted
123	0.10	0.38	4.56	0.55	Non-pollutted
124	0.11	0.38	2.73	0.49	Non-pollutted
125	0.15	0.56	6.33	0.80	Non-pollutted
126	0.24	0.74	8.63	1.15	Deteriorating site quality
127	0.13	0.40	4.41	0.62	Non-pollutted
128	0.05	0.02	1.14	0.10	Non-pollutted
129	0.19	0.09	2.63	0.36	Non-pollutted
130	0.05	0.07	2.55	0.22	Non-pollutted
131	0.06	0.20	1.14	0.24	Non-pollutted
132	0.05	0.17	1.12	0.21	Non-pollutted
133	0.04	0.32	3.81	0.36	Non-pollutted
134	0.07	0.03	1.14	0.13	Non-pollutted
135	0.04	0.05	0.81	0.12	Non-pollutted
136	0.08	0.05	0.93	0.16	Non-pollutted
137	0.05	0.07	1.10	0.16	Non-pollutted
138	0.07	0.08	0.86	0.16	Non-pollutted
139	0.03	0.08	1.51	0.15	Non-pollutted
140	0.05	0.05	1.28	0.15	Non-pollutted
141	0.05	0.03	1.05	0.11	Non-pollutted
142	0.03	0.06	2.26	0.16	Non-pollutted
143	0.05	0.05	3.48	0.20	Non-pollutted
144	0.03	0.03	1.00	0.09	Non-pollutted
145	0.08	0.17	1.52	0.27	Non-pollutted
146	0.04	0.10	1.70	0.19	Non-pollutted
147	0.05	0.05	1.12	0.14	Non-pollutted
148	0.03	0.04	1.15	0.10	Non-pollutted
149	0.07	0.07	1.80	0.21	Non-pollutted
150	0.08	0.05	2.54	0.21	Non-pollutted
151	0.09	0.10	1.46	0.23	Non-pollutted
152	0.06	0.05	1.70	0.17	Non-pollutted
153	0.07	0.25	4.67	0.43	Non-pollutted
154	0.04	0.04	2.04	0.15	Non-pollutted
155	0.08	0.08	1.98	0.23	Non-pollutted
156	0.44	0.12	1.51	0.43	Non-pollutted
157	0.05	0.30	5.63	0.43	Non-pollutted
158	0.07	0.04	2.24	0.18	Non-pollutted
159	0.06	0.06	3.03	0.23	Non-pollutted
160	0.05	0.09	1.81	0.19	Non-pollutted
161	0.05	0.14	3.93	0.31	Non-pollutted
162	0.03	0.07	2.72	0.19	Non-pollutted
163	0.04	0.07	2.59	0.20	Non-pollutted
164	0.07	0.04	0.70	0.12	Non-pollutted
165	0.02	0.03	1.11	0.09	Non-pollutted
166	0.06	0.08	2.73	0.23	Non-pollutted
167	0.08	0.07	1.63	0.21	Non-pollutted
168	0.07	0.10	3.62	0.29	Non-pollutted
169	0.06	0.13	2.96	0.28	Non-pollutted
170	0.07	0.14	2.95	0.31	Non-pollutted
171	0.05	0.05	1.56	0.16	Non-pollutted

172	0.09	0.13	1.48	0.25	Non-pollutted
173	0.10	0.12	2.37	0.30	Non-pollutted
174	0.03	0.04	2.74	0.15	Non-pollutted
175	0.10	0.06	2.12	0.23	Non-pollutted
176	0.06	0.13	3.13	0.28	Non-pollutted
177	0.06	0.17	1.97	0.27	Non-pollutted
178	0.04	0.06	1.83	0.16	Non-pollutted
179	0.04	0.12	3.03	0.25	Non-pollutted
180	0.08	0.07	1.51	0.20	Non-pollutted
181	0.09	0.05	1.41	0.19	Non-pollutted
182	0.09	0.03	1.37	0.15	Non-pollutted
183	0.10	0.02	0.40	0.10	Non-pollutted
184	0.10	0.02	1.01	0.13	Non-pollutted
185	0.07	0.05	1.24	0.16	Non-pollutted
186	0.05	0.06	1.54	0.17	Non-pollutted
187	0.04	0.14	2.00	0.23	Non-pollutted
188	0.06	0.09	1.18	0.19	Non-pollutted
189	0.09	0.06	1.58	0.20	Non-pollutted
190	0.12	0.05	1.96	0.24	Non-pollutted
191	0.06	0.22	1.60	0.28	Non-pollutted
192	0.03	0.16	0.78	0.15	Non-pollutted
193	0.10	0.56	4.48	0.62	Non-pollutted
194	0.18	0.55	5.15	0.80	Non-pollutted
195	0.09	0.39	4.11	0.52	Non-pollutted
196	0.13	0.42	5.41	0.67	Non-pollutted
197	0.14	0.34	3.13	0.53	Non-pollutted
198	0.10	0.39	4.04	0.55	Non-pollutted
199	0.10	0.17	1.39	0.29	Non-pollutted
200	0.16	0.74	6.30	0.91	Non-pollutted
201	0.08	0.39	4.11	0.51	Non-pollutted
202	0.09	0.29	2.63	0.41	Non-pollutted
203	0.08	0.32	3.29	0.44	Non-pollutted
204	0.05	0.25	2.20	0.30	Non-pollutted
205	0.05	0.23	1.64	0.26	Non-pollutted
206	0.10	0.22	2.50	0.38	Non-pollutted
207	0.09	0.24	2.10	0.36	Non-pollutted
208	0.06	0.33	3.29	0.41	Non-pollutted
209	0.08	0.27	1.93	0.35	Non-pollutted
210	0.07	0.24	2.17	0.34	Non-pollutted
211	0.08	0.28	2.19	0.37	Non-pollutted
212	0.05	0.21	1.68	0.27	Non-pollutted
213	0.30	0.86	8.85	1.32	Deteriorating site quality
214	0.19	0.35	3.81	0.63	Non-pollutted
215	0.14	0.44	6.67	0.75	Non-pollutted
216	0.16	0.53	6.48	0.82	Non-pollutted
217	0.14	0.49	5.15	0.71	Non-pollutted
218	0.12	0.45	5.22	0.65	Non-pollutted
219	0.13	0.51	6.30	0.76	Non-pollutted
220	0.14	0.53	6.81	0.80	Non-pollutted
221	0.24	0.81	8.56	1.18	Deteriorating site quality