9. Appendices

		>400 m		50 m		10 m	
		Below arable soil	Arable soil	Below arable soil	Arable soil	Below arable soil	Arable soil
Metal	unit	mean ± sd	mean ± sd	mean ± sd	mean ± sd	mean ± sd	mean ± sd
Al	g/kg	17.8 ± 5.41	18.2 ± 4.9	21 ± 7.17	18.3 ± 2.44	20.6 ± 8.82	21.2 ± 3.03
As	mg/kg	19.1 ± 0.53	20.7 ± 0.7	27.8 ± 1.47	24.9 ± 1.62	26.8 ± 1.06	25.5 ± 0.74
B	mg/kg	32 ± 2.86	33.6 ± 1.71	36.1 ±1.43	36.8 ± 0.51	26.4 ± 4.66	29.9 ± 3.27
Ba	mg/kg	153 ± 7.55	191 ± 22.9	176 ± 15	181 ± 24.9	250 ± 72.9	295 ± 28.8
Co	mg/kg	24.9 ± 4.55	28 ±3.1	24 ± 0.75	24.8 ± 0.37	30.1 ± 6.05	29.4 ± 7.14
Cu	mg/kg	20 ± 0.4	22.4 ± 0.8	23 ± 1.22	24 ± 0.3	21 ± 0.5	22.8 ± 0.67
Cr	mg/kg	70.9 ± 5.61	72.4 ± 5.42	90.2 ± 3.89	96.4 ± 2.08	75.9 ± 2.6	87.5 ± 4.39
Fe	g/kg	35.7 ± 2.72	36.5 ± 8.52	42.3 ± 7.77	39.4 ± 1.55	40.9 ± 3.93	42.4 ± 2.18
Li	mg/kg	27.1 ± 2.8	27.1 ± 2.69	25.2 ± 0.74	26.5 ± 0.77	25.1 ± 2.41	28.3 ± 1
Mn	mg/kg	429 ± 50.4	726 ± 112	542 ± 51.3	623 ± 35.6	848 ± 218	678 ± 63.6
Ni	mg/kg	30.6 ± 1.25	30.2 ± 2.3	30.3 ± 2.56	29.5 ± 0.4	26.4 ± 0.45	30.2 ± 2.31
Pb	mg/kg	40.9 ± 3.02	57.1 ± 3.11	354 ± 16.5	491 ± 246	464 ± 46.5	302 ± 28.8
Sr	mg/kg	32.1 ± 1.71	31.1 ± 1.8	30.4 ± 3.14	32.7 ± 3.25	32.6 ± 9.87	37.5 ± 1.58
Ti	mg/kg	4548 ± 564	4730 ± 1201	4895 ± 933	4889 ± 216	4326 ± 830	5103 ± 491
V	mg/kg	103 ± 5.55	102 ± 5.65	119 ± 3.19	120 ± 0.67	102 ± 3.79	114 ± 3.69
Zn	mg/kg	113 ± 6.99	159 ± 62.5	139 ± 7.11	146 ± 5.97	148 ± 2.16	169 ± 3.47
Be	mg/kg	1.64 ± 0.08	1.48 ± 0.2	2.02 ± 0.06	1.96 ± 0.04	1.5 ± 0.02	1.6 ± 0.06
Cd	mg/kg	0.28 ± 0.03	0.69 ± 0.5	0.57 ± 0.08	0.62 ± 0.02	0.5 ± 0.02	0.65 ± 0.02

Table 1: Metal concentration levels of PTMs in soil according to distance from the edge of the road