

Table 2: The description of attributes within the Urban Idrija dataset (the abbreviation n.d. means no data)

Preglednica 2: Opis atributov znotraj podatkovnega niza Urbana Idrija (okrajšava n.d. pomeni ni podatka)

Attribute	Description of an attribute
ID	a unique identifier of an environmental sample
material	a type of material of the environmental sample
name	code of the environmental sample
X [D48/GK]	horizontal component of the D48 coordinate system - MGI 1901 / Slovene National Grid [EPSG:3912]
Y [D48/GK]	vertical component of the D48 coordinate system - MGI 1901 / Slovene National Grid [EPSG:3912]
N [D96/TM]	horizontal component of the D96 coordinate system - Slovenia 1996 / Slovene National Grid [EPSG:3794]
E [D96/TM]	vertical component of the D96 coordinate system - Slovenia 1996 / Slovene National Grid [EPSG:3794]
Lon [WGS84]	horizontal component of the WGS84 coordinate system - World Geodetic System 1984 - [EPSG:4326]
Lat [WGS84]	vertical component of the WGS84 coordinate system - World Geodetic System 1984 - [EPSG:4326]
analytical fraction [mm]	fraction prepared for chemical analysis
depth [cm]	the depth of soil sampling
¹ skeleton [%]	relative amount of a fraction >2 mm in a sediment sample
¹ coarse sand [%]	relative amount of a fraction 2-0.63 mm in a sediment sample
¹ medium sand [%]	relative amount of a fraction 0.63-0.2 mm in a sediment sample
¹ fine sand [%]	relative amount of a fraction 0.2-0.063 mm in a sediment sample
¹ silt + clay [%]	relative amount of a fraction <0.063-0.04 mm in a sediment sample
¹ loss [%]	the amount of a fraction lost during granulometric analysis
¹ pH	pH value determined according to the standard protocol (SIST ISO 10390:1996)
¹ granulometric analysis	determination of particle size distribution according to the standard protocol (EN ISO 14688-1:2002)
¹ relative water content [%]	relative soil water content determined gravimetrically
¹ absolute water content [%]	absolute soil water content determined gravimetrically
¹ BIO Hg [µg/L]	Bioaccessible concentration according to the European Standard Toy Safety Protocol in in µg/L (lower limit of quantification = 0.091 µg/L & lower limit of detection = 0.031 µg/L)
¹ BIO Hg [µg/kg]	Bioaccessible concentration according to the European Standard Toy Safety Protocol in in µg/kg (lower limit of quantification = 4.55 µg/L & lower limit of detection = 1.85 µg/kg)
¹ H ₂ O Hg [µg/L]	water soluble concentration in µg/L (lower limit of quantification = 0.091 µg/L & lower limit of detection = 0.031 µg/L)

¹ H ₂ O Hg [µg/kg]	water soluble content in µg/kg (lower limit of quantification = 4.55 µg/L & lower limit of detection = 1.85 µg/kg)
¹ amount Hg ₀ [%]	relative amount of mercury bound in elemental mercury in %
¹ amount Hg _{MC} [%]	relative amount of mercury bound in the matrix components in %
¹ amount Hg _S [%]	relative amount of mercury bound in cinnabar in %
¹ amount Hg _O [%]	relative amount of mercury oxide in %
¹ Ag [µg/kg]	content of silver in µg/kg (method detection limit = 2 µg/kg)
¹ Al [%]	content of aluminium in % (method detection limit = 0.01 %)
¹ As [mg/kg]	content of arsenic in mg/kg (method detection limit = 0.1 mg/kg)
¹ Au [µg/kg]	content of gold in µg/kg (method detection limit = 0.2 µg/kg)
¹ B [mg/kg]	content of boron in mg/kg (method detection limit = 20 mg/kg)
¹ Ba [mg/kg]	content of barium in mg/kg (method detection limit = 0.5 mg/kg)
¹ Be [mg/kg]	content of beryllium in mg/kg (method detection limit = 0.1 mg/kg)
¹ Bi [mg/kg]	content of bismuth in mg/kg (method detection limit = 0.02 mg/kg)
¹ Ca [%]	content of calcium in % (method detection limit = 0.01 %)
¹ Cd [mg/kg]	content of cadmium in mg/kg (method detection limit = 0.01 mg/kg)
¹ Ce [mg/kg]	content of cerium in mg/kg (method detection limit = 0.1 mg/kg)
¹ Co [mg/kg]	content of cobalt in mg/kg (method detection limit = 0.1 mg/kg)
¹ Cr [mg/kg]	content of chromium in mg/kg (method detection limit = 0.5 mg/kg)
¹ Cs [mg/kg]	content of caesium in mg/kg (method detection limit = 0.02 mg/kg)
¹ Cu [mg/kg]	content of copper in mg/kg (method detection limit = 0.01 mg/kg)
¹ Fe [%]	content of iron in % (method detection limit = 0.01 %)
¹ Ga [mg/kg]	content of gallium in mg/kg (method detection limit = 0.1 mg/kg)
¹ Ge [mg/kg]	content of germanium in mg/kg (method detection limit = 0.1 mg/kg)
¹ Hf [mg/kg]	content of hafnium in mg/kg (method detection limit = 0.02 mg/kg)
¹ Hg [mg/kg]	content of mercury in µg /kg (method detection limit = 5 µg/kg)
¹ In [mg/kg]	content of indium in mg/kg (method detection limit = 0.02 mg/kg)
¹ K [%]	content of potassium in % (method detection limit = 0.01 %)
¹ La [mg/kg]	content of lanthanum in mg/kg (method detection limit = 0.5 mg/kg)
¹ Li [mg/kg]	content of lithium in mg/kg (method detection limit = 0.1 mg/kg)
¹ Mg [%]	content of magnesium in % (method detection limit = 0.01 %)
Mn [mg/kg]	content of manganese in mg/kg (method detection limit = 1 mg/kg)
¹ Mo [mg/kg]	content of molybdenum in mg/kg (method detection limit = 0.01 mg/kg)
¹ Na [%]	content of sodium in % (method detection limit = 0.001 %)
¹ Nb [mg/kg]	content of niobium in mg/kg (method detection limit = 0.02 mg/kg)
¹ Ni [mg/kg]	content of nickel in mg/kg (method detection limit = 0.1 mg/kg)
¹ P [%]	content of phosphorous in mg/kg (method detection limit = 0.001 %)
¹ Pb [mg/kg]	content of lead in mg/kg (method detection limit = 0.01 mg/kg)
¹ Pd [µg/kg]	content of palladium in µg/kg (method detection limit = 10 µg/kg)
¹ Pt [µg/kg]	content of platinum in µg/kg (method detection limit = 2 µg/kg)

¹ Rb [mg/kg]	content of rubidium in mg/kg (method detection limit = 0.1 mg/kg)
¹ Re [µg/kg]	content of rhenium in µg/kg (method detection limit = 1 µg/kg)
¹ S [%]	content of sulphur in mg/kg (method detection limit = 0.02 %)
¹ Sb [mg/kg]	content of antimony in mg/kg (method detection limit = 0.02 mg/kg)
¹ Sc [mg/kg]	content of scandium in mg/kg (method detection limit = 0.1 mg/kg)
¹ Se [mg/kg]	content of selenium in mg/kg (method detection limit = 0.1 mg/kg)
¹ Sn [mg/kg]	content of tin in mg/kg (method detection limit = 0.1 mg/kg)
¹ Sr [mg/kg]	content of strontium in mg/kg (method detection limit = 0.5 mg/kg)
¹ Ta [mg/kg]	content of tantalum in mg/kg (method detection limit = 0.05 mg/kg)
¹ Te [mg/kg]	content of tellurium in mg/kg (method detection limit = 0.02 mg/kg)
¹ Th [mg/kg]	content of thorium in mg/kg (method detection limit = 0.1 mg/kg)
¹ Ti [%]	content of titanium in mg/kg (method detection limit = 0.001 %)
¹ Tl [mg/kg]	content of thallium in mg/kg (method detection limit = 0.02 mg/kg)
¹ U [mg/kg]	content of uranium in mg/kg (method detection limit = 0.1 mg/kg)
¹ V [mg/kg]	content of vanadium in mg/kg (method detection limit = 2 mg/kg)
¹ W [mg/kg]	content of wolfram in mg/kg (method detection limit = 0.1 mg/kg)
¹ Y [mg/kg]	content of iridium in mg/kg (method detection limit = 0.01 mg/kg)
¹ Zn [mg/kg]	content of zinc in mg/kg (method detection limit = 0.1 mg/kg)
¹ Zr [mg/kg]	content of zirconium in mg/kg (method detection limit = 0.1 mg/kg)

¹the details on the analytical method procedure are provided in Table 3