



# **e-SOTER at scale 1:250 000**

## **Attributes**

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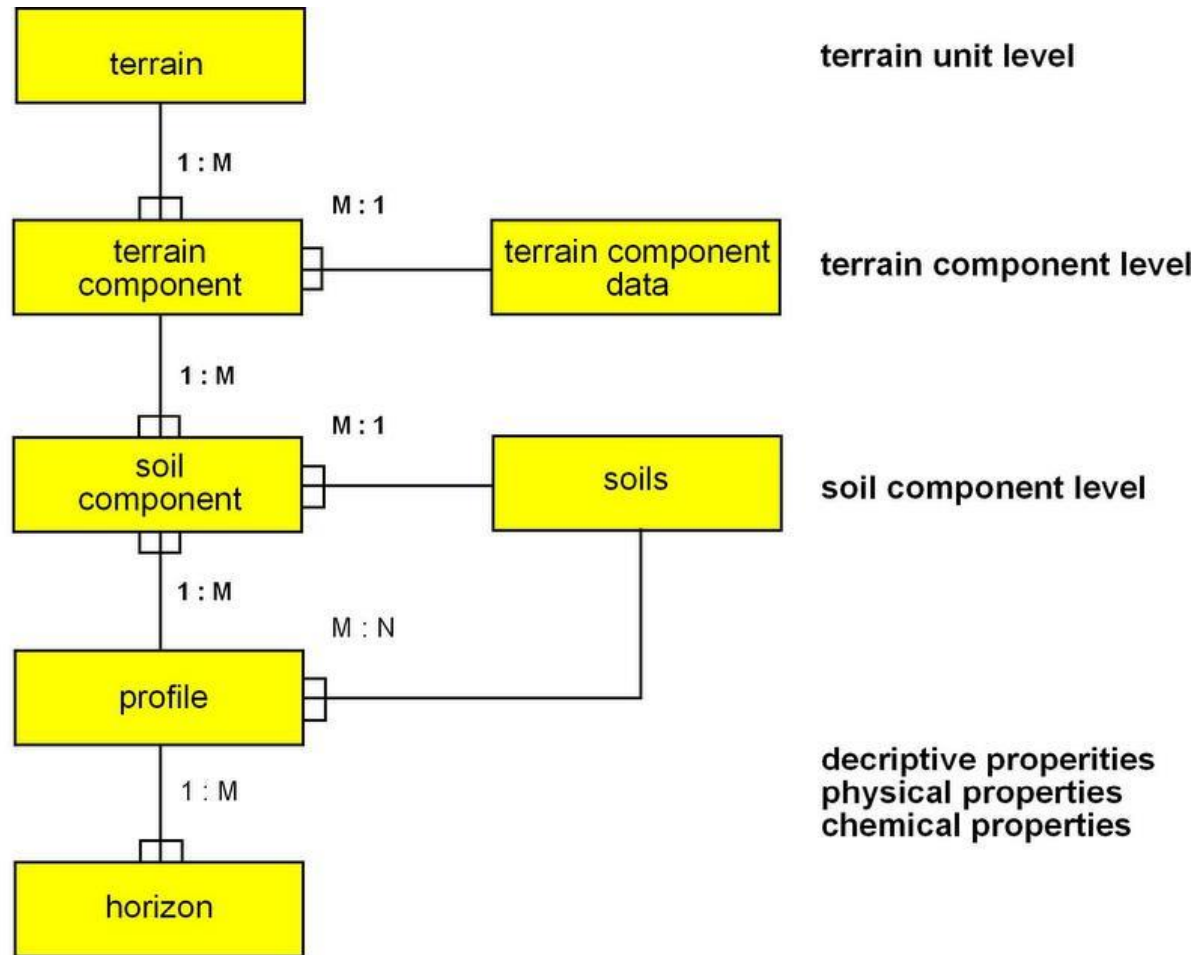


Table 1: Non-spatial attributes of a SOTER unit

<b>TERRAIN</b>		
1 ISO country code	6 maximum elevation	11 major landform
2 SOTER unit_ID	7 median elevation	12 slope class
3 year of data collection	8 median slope	13 hypsometry
4 map_ID	9 relief index	14 parent material
5 minimum elevation	10 potential drainage density	15 permanent water surface

<b>TERRAIN COMPONENT</b>	<b>TERRAIN COMPONENT DATA</b>	
16 SOTER unit_ID	20 terrain component data_ID	26 texture of non-consolidated parent material
17 terrain component number	21 dominant slope	27 depth to bedrock
18 proportion of SOTER unit	22 length of slope	28 surface drainage
19 terrain component data_ID	23 form of slope	29 depth to groundwater
	24 lithology of surficial material	30 frequency of flooding
	25 origin of non-consolidated parent material(regolith)	31 duration of flooding
		32 start of flooding

SOIL COMPONENT		
33 SOTER unit_ID	66 vegetation at profile location	102 total sand
34 terrain component number	67 parent material profile location	103 silt
35 soil component number	68 drainage	104 clay
36 proportion of SOTER unit	69 RSG prefix and suffix, qualifiers	105 particle size class
37 WRB Legend unit	70 WRB specifiers	106 bulk density
38 WRB Legend suffixes	71 Revised Legend classification	107 soil moisture at various tensions
39 Revised Legend -FAO'88	72 national classification	108 electrical conductivity
40 phase	73 Soil Taxonomy	109 pH H <sub>2</sub> O
41 textural class of the topsoil	74 Soil Taxonomy version	110 pH KCl
42 profile_ID		111 pH-CaCl <sub>2</sub>
43 position in terrain component	<b>HORIZON</b>	112 elect. conductivity saturation. extract
44 surface rockiness	75 profile_ID	113 soluble Na <sup>+</sup>
45 surface stoniness	76 horizon number	114 soluble Ca <sup>++</sup>
46 types of erosion/deposition	77 diagnostic horizon	115 soluble Mg <sup>++</sup>
47 area affected	78 diagnostic property	116 soluble K <sup>+</sup>
48 degree of erosion	79 diagnostic materials	117 soluble Cl <sup>-</sup>
49 sensitivity to capping	80 horizon designation	118 soluble SO <sub>4</sub> <sup>--</sup>
50 rootable depth	81 upper horizon boundary	119 soluble HCO <sub>3</sub> <sup>-</sup>
	82 lower horizon boundary	120 soluble CO <sub>3</sub> <sup>--</sup>
<b>SOILS</b>	83 distinctness of transition	121 exchangeable Ca <sup>++</sup>
51 ISO country code	84 moist colour	122 exchangeable Mg <sup>++</sup>
52 SOTER unit_ID	85 dry colour	123 exchangeable Na <sup>+</sup>
53 terrain component number	86 colour of mottles	124 exchangeable K <sup>+</sup>
54. soil component number	87 abundance of mottles	125 exchangeable Al <sup>+++</sup>
55 profile_ID	88 size of mottles	126 exchangeable acidity
	89 grade of structure	127 CEC soil
<b>PROFILE</b>	90 size of structure elements	128 total carbonate content
56 profile_ID	91 type of structure	129 gypsum
57 soil profile database_ID	92 nature of concretions and nodules	130 total carbon
58 profile description status	93 abundance of concretions and nodules	131 organic carbon
59 sampling date	94 size of concretions and nodules	132 total nitrogen
60 lab_ID	95 abundance of coarse fragments	133 available P
61 latitude	96 size of coarse fragments	134 total P
62 longitude	97 very coarse sand	135 phosphate retention
63 profile location status	98 coarse sand	136 Fe, dithionite extractable
64 elevation	99 medium sand	137 Al, oxalate extractable
65 land use at profile location	100 fine sand	138 Fe, oxalate extractable
	101 very fine sand	139 clay mineralogy