

Variable - measurement unit	ISO code*	SoilGrids V2 250 m	OpenLandMap-soildb 30, 120, 240 m	Revisit planned*
primary soil properties	Soil organic carbon density [kg/m ³]	10694.1995	☒	✓
	Soil organic carbon [g/kg]	10694.1995	✓	✓
	Soil pH in H ₂ O [-]	10390.1994	✓	✓
	Soil pH in CaCl ₂ [-]	10390.1994	✓	☒
	Extractable P, K [ppm]	1952:2008	✓	☒
	Cation exchange capacity [cmol(c)/kg]	11260.1994	✓	☒
	Sum of total nitrogen [g/kg]	13878.1998	✓	☒
	Electrical conductivity [mS/m]	11265.1994	☒	☒
	Bulk density fine earth [kg/m ³]	11272.2017	✓	✓
	Soil texture fraction clay-silt-sand [%]	11277.2020	✓	✓
	Coarse fragments volumetric [%]	11277.2020	✓	☒
	Depth to bedrock [cm]		☒	☒
landscape variables	Toxic metals in soil [ppm]	21365:2019	☒	☒
	USDA subgroup taxa [-]		☒	✓
	Summary annual bare surface [%]		☒	✓
	Mean annual GPP [kg/ha/yr]		☒	✓
annual variables	Median annual canopy height [cm]		☒	✓
	Land cover annual [-]		☒	✓