

TxK-

till, calcite, pure

General parameters

Area	10.83 km2
Percentage on total forest mapped area	0.22 %

Physics - mean values of all considered profiles (6)

Depth [cm]	Coarse fraction [%]	Field capacity [l/m2]
0-15	40 ± 25	52 ± 26
15-30	55 ± 25	
30-60	70 ± 15	
60-100	75 ± 0	

Chemistry - stock of available profiles (0)

Ctot	Ntot	Ca	Mg	K	P
t/ha	t/ha	kg/ha	kg/ha	kg/ha	kg/ha

All stock values, 0-80 cm including humus layers (F,H), are short term available, except for phosphorus, which has long term availability

Chemistry - mean values of all considered profiles (1)

Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pH <sub>CaCl2</sub>
0-5	1112.51	100	1	1.43	24	16.78	6.9
5-10	1112.51	100	1	1.43	24	16.78	6.9
10-20	730.72	100	1	0.59	11	18.64	7.1
20-40	239.05	100	1	0.18	3.8	21.11	7.25
40-80							

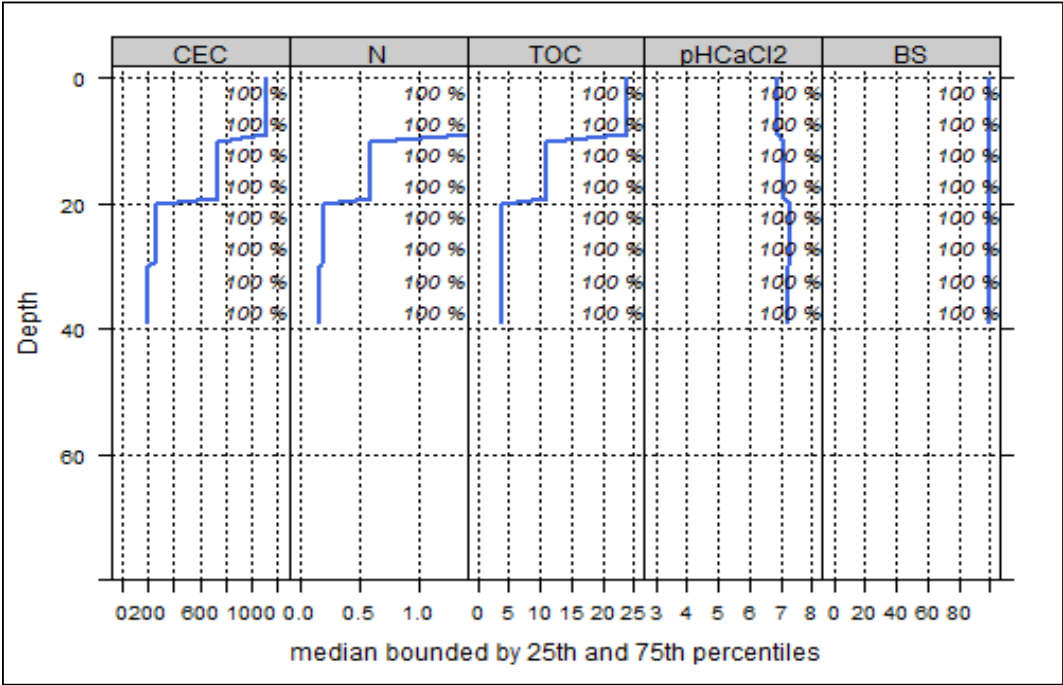


Figure 1: Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (mmol/kg), nitrogen (%), total organic carbon (%), pH and base saturation (%). The percentage values indicate how many profiles contribute to the median calculation at each depth step.

Biomass use

Effects of whole-tree harvesting



Strong negative effects

Compaction risk

Effects of the transit of heavy-duty machinery



Occasionally critical