FxI- fluvial coarse deposits, intermediate siliceous rocks, pure

General parameters

Area	28.55 km2
Percentage on total forest mapped area	0.59 %

Physics - mean values of all considered profiles (3)

Depth [cm]	Coarse fraction [%]	Field capacity [l/m2]
0-15	20 ± 10	132 ± 57
15-30	40 ± 5	
30-60	35 ± 10	
60-100	30 ± 20	

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 (6)

Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pHCaCl2
0-5	154.62	56.06	0.54	0.3	5.88	19.6	4.23
5-10	154.62	56.06	0.54	0.3	5.88	19.6	4.23
10-20	56.17	55.2	0.53	0.13	2.16	16.62	4.3
20-40	51.09	59.65	0.57	0.09	1.41	15.67	4.53
40-80	56.91	60.54	0.58	0.08	0.9	11.25	4.65

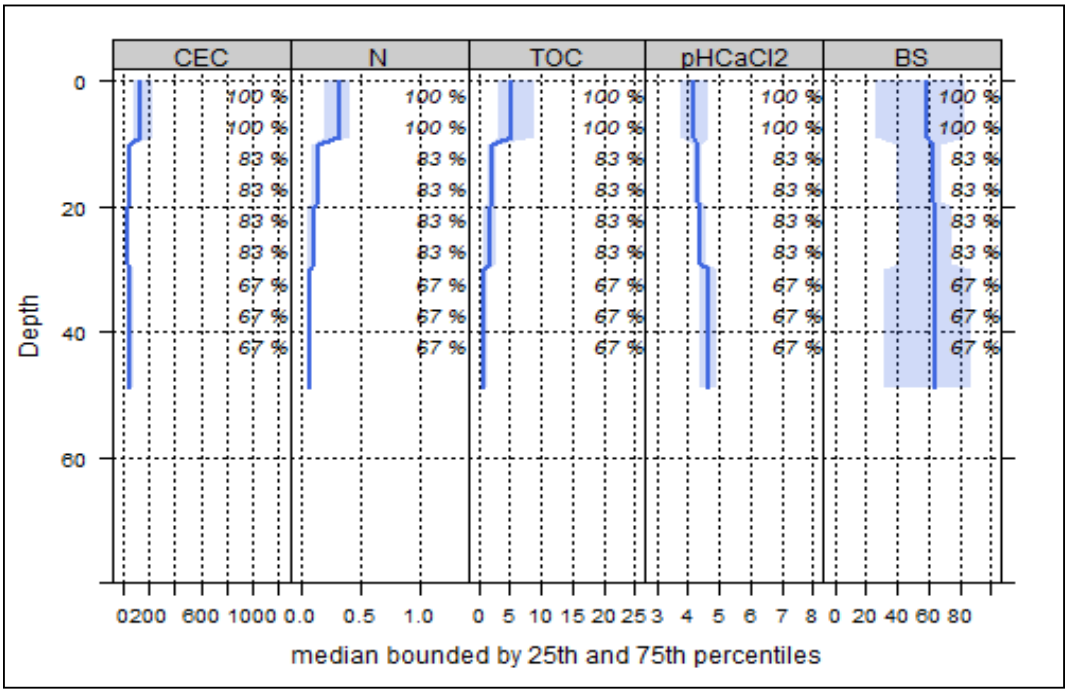

Figure 1: Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (mmol/kg), nitrogen (%), total organic carbon (%), pH and base saturation (%). The percentage values indicate how many profiles contribute to the median calculation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

Biomass use

Effects of whole-tree harvesting

Intermediate negative effects

Compaction risk

Effects of the transit of heavy-duty machinery

Occasionally critical