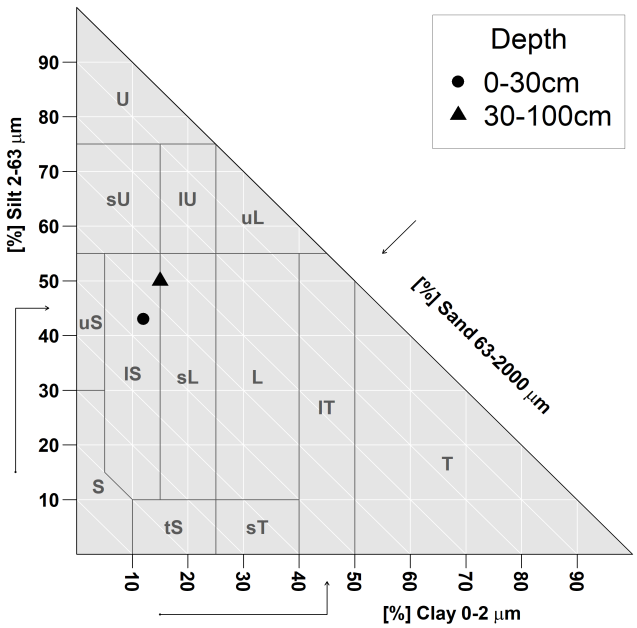
FxI0

fluvial coarse deposits, intermediate siliceous rocks, impure

General parameters

Area	79.96 km2
Percentage on total forest mapped area	1.65 %



Physics - mean values of all considered profiles (18)

Depth [cm]	Coarse fraction [%]	Field capacity [l/m2]
0-15	15 ± 15	136 ± 53
15-30	25 ± 20	
30-60	30 ± 25	
60-100	35 ± 25	

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 (9)

Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pHCaCl2
0-5	174.42	40.04	0.39	0.46	6.46	14.04	3.91
5-10	174.42	40.04	0.39	0.46	6.46	14.04	3.91
10-20	72.52	17.23	0.16	0.17	2.79	16.41	3.96
20-40	63	36.68	0.34	0.17	2.3	13.53	4.55
40-80	83.8	39.09	0.37	0.22	2.71	12.32	4.62

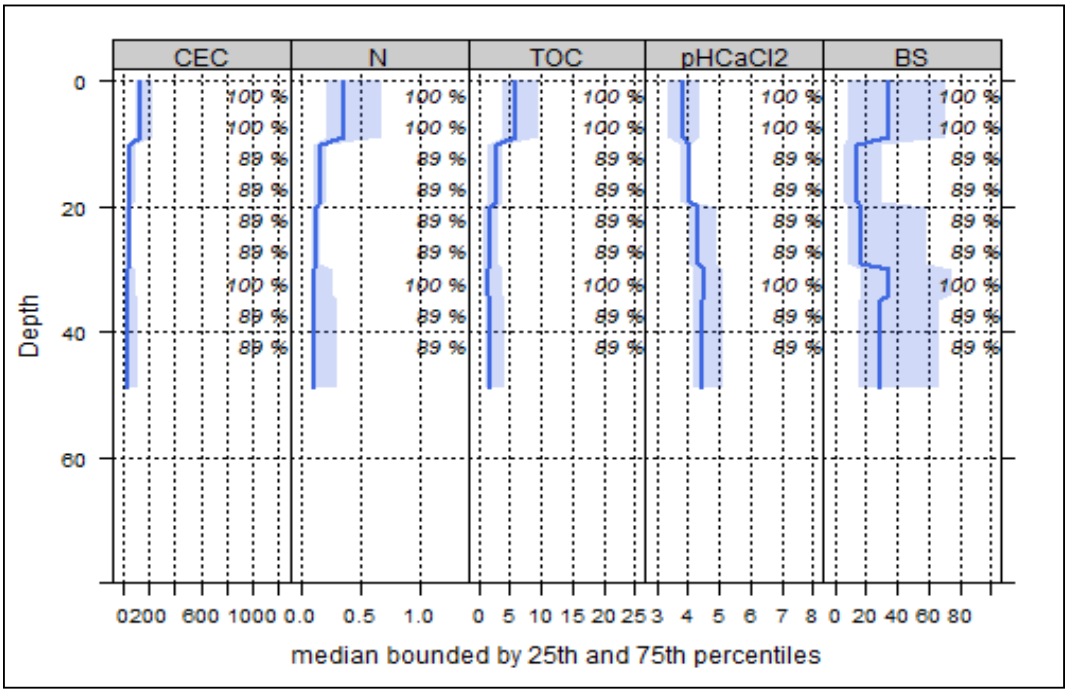


Figure 1: Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (mmol/kg), nitrogen (%), total organic carbon (%), pH and base saturation (%). The percentage values indicate how many profiles contribute to the median calculation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