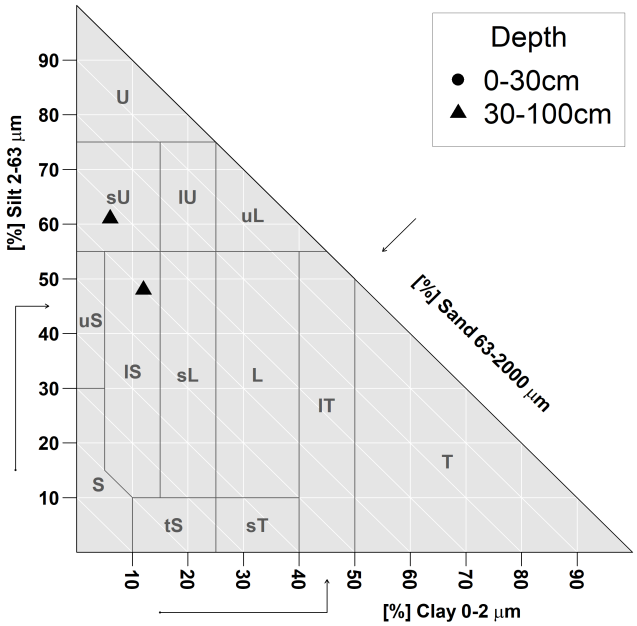
FxK0

fluvial coarse deposits, calcite, impure

General parameters

Area	51.04 km2
Percentage on total forest mapped area	1.05 %



Physics - mean values of all considered profiles (9)

Depth [cm]	Coarse fraction [%]	Field capacity [l/m2]
0-15	40 ± 35	62 ± 41
15-30	45 ± 35	
30-60	65 ± 30	
60-100	45 ± 40	

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 (5)

Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pHCaCl2
0-5	651.57	100	1	0.8	13.66	17.07	7.01
5-10	651.57	100	1	0.8	13.66	17.07	7.01
10-20	410.8	100	1	0.5	7.48	14.96	7.21
20-40	252.62	100	1	0.25	5.04	20.16	7.39
40-80	201.5	100	1	0.18	4.15	23.06	7.49

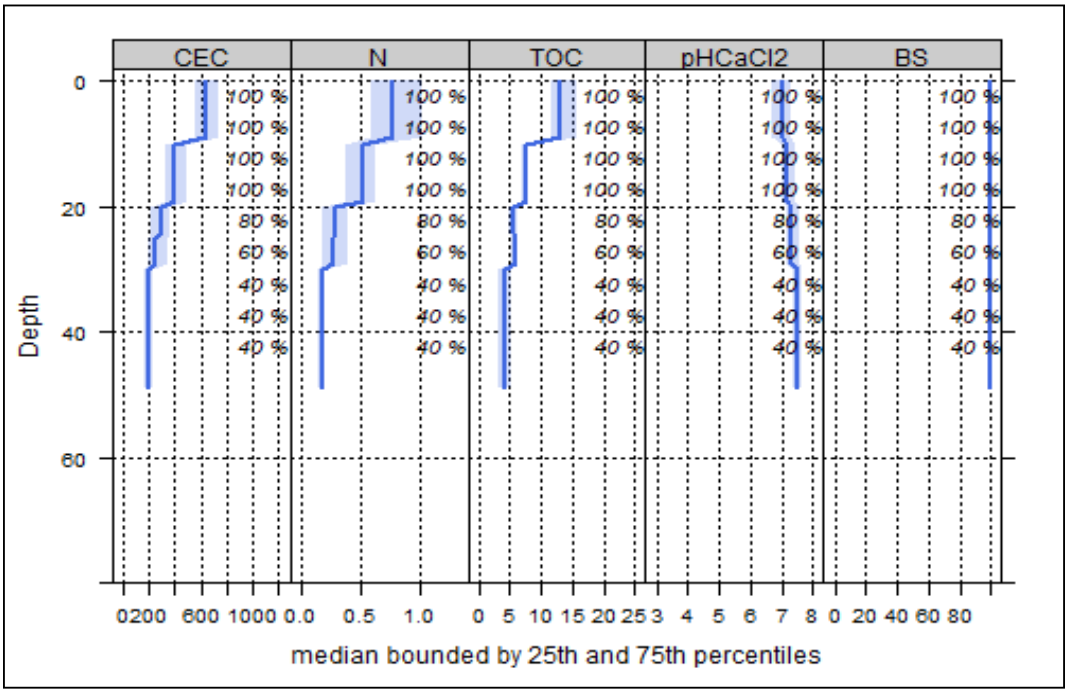
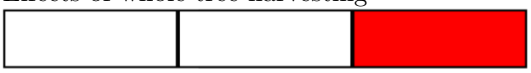


Figure 1: Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (mmol/kg), nitrogen (%), total organic carbon (%), pH and base saturation (%). The percentage values indicate how many profiles contribute to the median calculation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