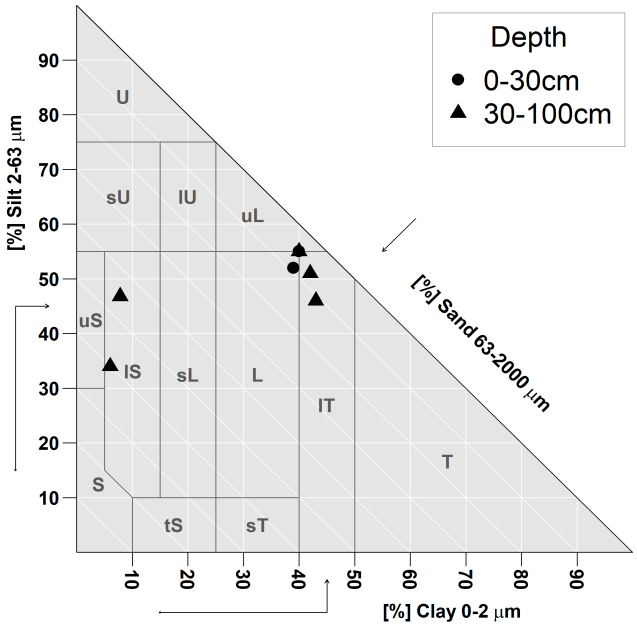
SxK0

solid bedrock, calcite, impure

General parameters

Area	93.25 km2
Percentage on total forest mapped area	1.92 %



Physics - mean values of all considered profiles (34)

Depth [cm]	Coarse fraction [%]	Field capacity [l/m2]
0-15	30 ± 25	53 ± 29
15-30	55 ± 30	
30-60	65 ± 25	
60-100	90 ± 10	

Chemistry - stock of available profiles (2)

Ctot	Ntot	Ca	Mg	K	P
t/ha	t/ha	kg/ha	kg/ha	kg/ha	kg/ha
360.18	20.87	26732.59	5948.04	268.13	2552

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 (12)

Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pHCaCl2
0-5	865.57	99.67	0.99	0.98	18.2	18.57	6.25
5-10	855.45	99.67	0.99	0.95	17.36	18.27	6.27
10-20	681.75	99.86	1	0.64	11.08	17.31	6.68
20-40	507.8	99.98	1	0.42	7.31	17.4	6.91
40-80	348.4	99.94	0.99	0.27	4.94	18.3	7.24

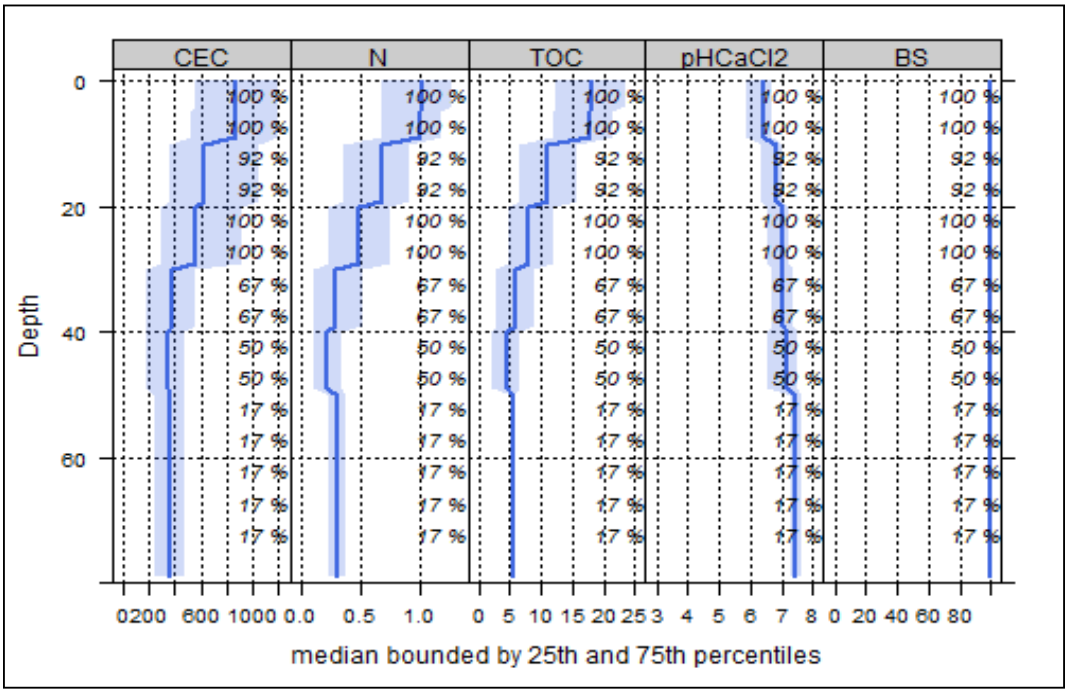
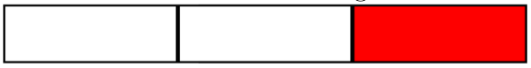


Figure 1: Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (mmol/kg), nitrogen (%), total organic carbon (%), pH and base saturation (%). The percentage values indicate how many profiles contribute to the median calculation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

Biomass use

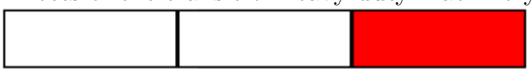
Effects of whole-tree harvesting



Strong negative effects

Compaction risk

Effects of the transit of heavy-duty machinery



Locations at risk