

## General parameters

Area	73.63 km <sup>2</sup>
Percentage on total forest mapped area	1.51 %

## Physics - mean values of all considered profiles (39)

Depth [cm]	Coarse fraction [%]	Field capacity [l/m <sup>2</sup> ]
0-15	50 ± 30	39 ± 28
15-30	70 ± 25	
30-60	80 ± 20	
60-100	85 ± 10	

## 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 (3)

Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pH <sub>CaCl2</sub>
0-5	582.58	98.61	0.98	0.95	19.87	20.92	5.12
5-10	582.58	98.61	0.98	0.95	19.87	20.92	5.12
10-20	646.46	99.93	1	0.72	14.47	20.1	6.08
20-40	485.95	99.99	1	0.42	9.14	21.76	6.84
40-80	280	100	1	0.14	3.7	26.43	7.56

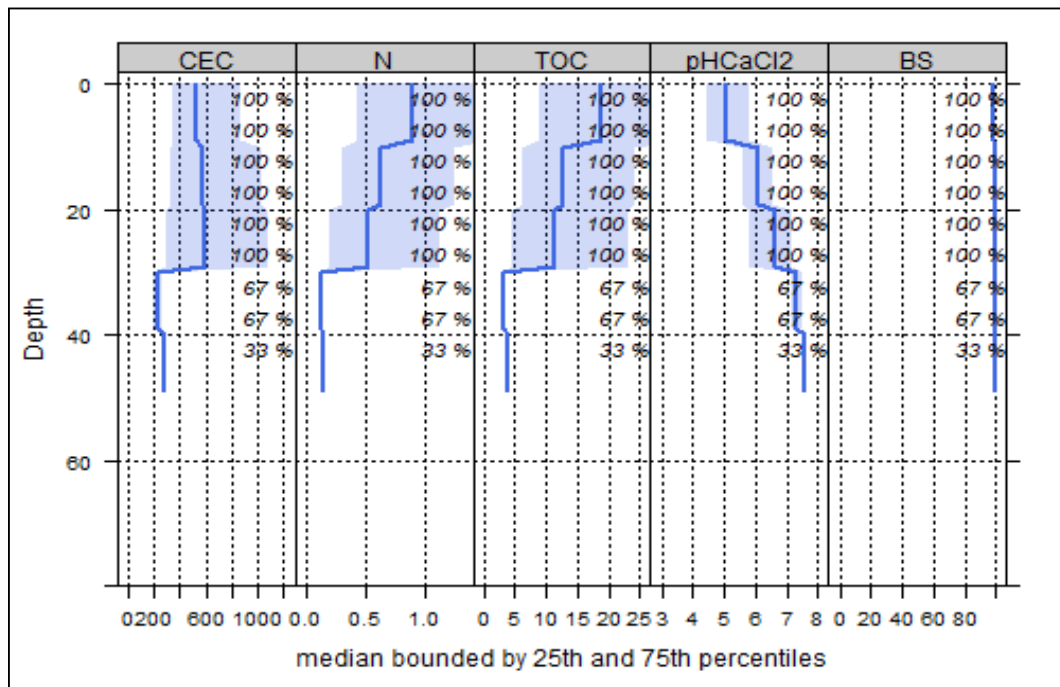
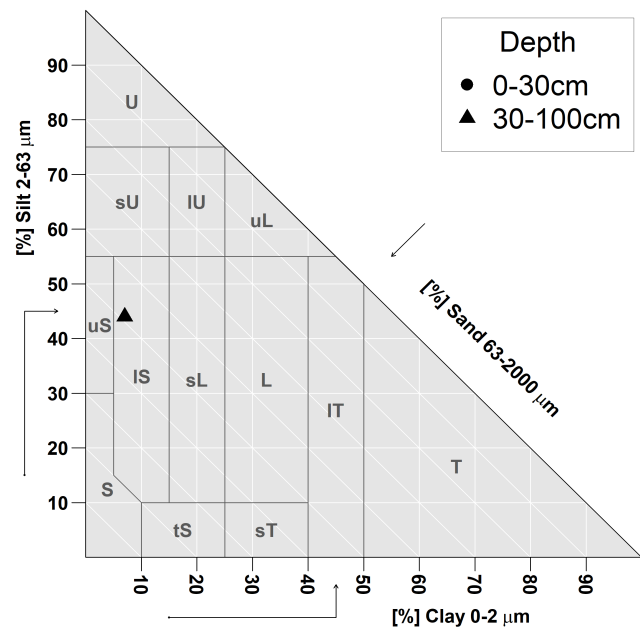


Figure 1: Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (mmol/kg), nitrogen (%), total organic carbon (%), pH and base saturation (%). The percentage values indicate how many profiles contribute to the median calculation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

## Biomass use

Effects of whole-tree harvesting



Strong negative effects

## Compaction risk

Effects of the transit of heavy-duty machinery



Minor negative effects