

## General parameters

Area	424.07 km <sup>2</sup>
Percentage on total forest mapped area	8.72 %

## Physics - mean values of all considered profiles (107)

Depth [cm]	Coarse fraction [%]	Field capacity [l/m <sup>2</sup> ]
0-15	15 ± 15	127 ± 48
15-30	20 ± 15	
30-60	30 ± 25	
60-100	50 ± 30	

## Chemistry - stock of available profiles (0)

Ctot	Ntot	Ca	Mg	K	P
t/ha	kg/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 (34)

Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	Ca/BC	Mg/BC	Ntot [%]	TOC [%]	C/N	pH <sub>CaCl2</sub>
0-10	125.26	33.37	0.62	0.27	0.36	6.62	18.39	3.82
10-20	74.87	28.62	0.58	0.26	0.21	3.51	16.71	4.19
20-40	44.94	33.47	0.58	0.26	0.15	2.36	15.73	4.51
40-80	34.95	33.98	0.57	0.27	0.12	2.05	17.08	4.56

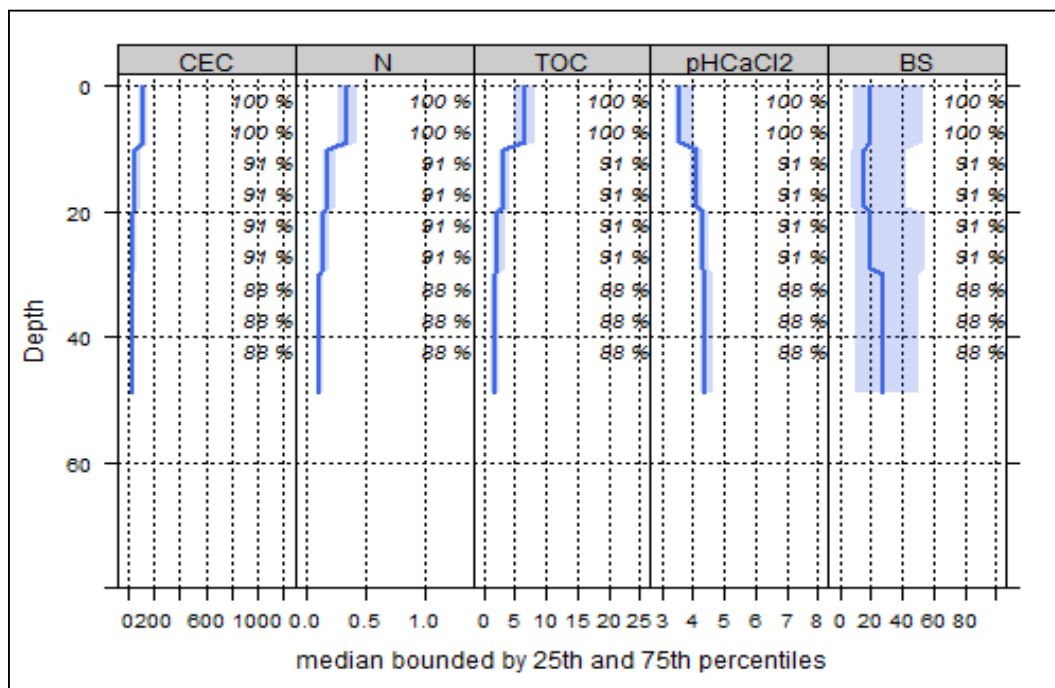
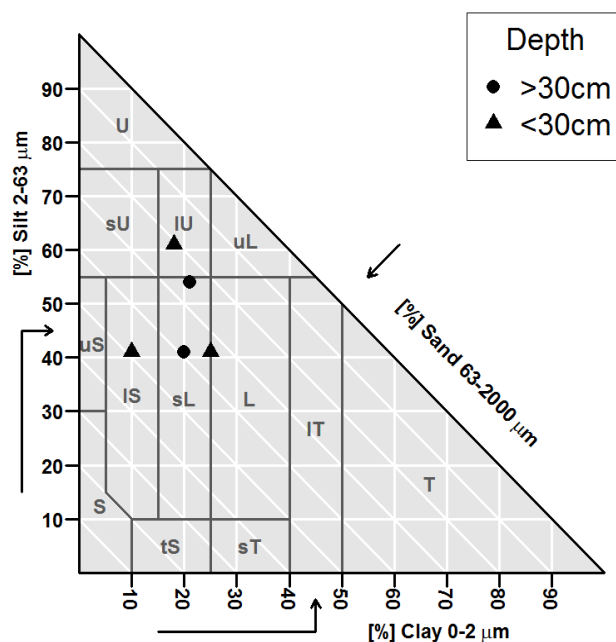


Figure 1: Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (mmol/kg), nitrogen (%), total organic carbon (%), pH and base saturation (%)

## Biomass use

Effects of whole three harvesting



Intermediate negative effects

## Compaction risk

Effects of heavy machines transit on the soil



Occasionally critical