

## General parameters

Area	6.44 km <sup>2</sup>
Percentage on total forest mapped area	0.13 %

## Physics - mean values of all considered profiles (3)

Depth [cm]	Coarse fraction [%]	Field capacity [l/m <sup>2</sup> ]
0-15	25 ± 20	73 ± 24
15-30	35 ± 30	
30-60	55 ± 25	
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 (2)

Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pH <sub>CaCl2</sub>
0-5	525.58	99.1	0.98	0.42	8.75	20.83	6.25
5-10	525.58	99.1	0.98	0.42	8.75	20.83	6.25
10-20	327.47	98.97	0.98	0.26	4.9	18.85	6.35
20-40	257.2	99.41	0.99	0.19	2.98	15.68	6.7
40-80	186.59	100	1	0.15	1.8	12	6.9

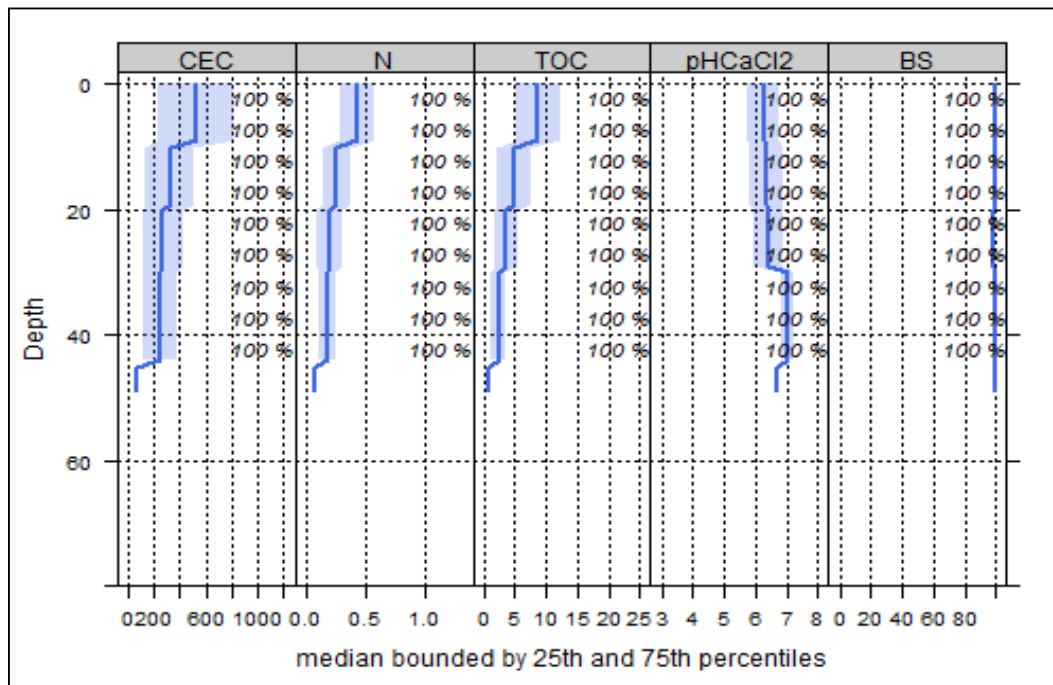


Figure 1: Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (mmol/kg), nitrogen (%), total organic carbon (%), pH and base saturation (%). The percentage values indicate how many profiles contribute to the median calculation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