

## General parameters

Area	14.31 km <sup>2</sup>
Percentage on total forest mapped area	0.29 %

## Physics - mean values of all considered profiles (20)

Depth [cm]	Coarse fraction [%]	Field capacity [l/m <sup>2</sup> ]
0-15	25 ± 20	91 ± 34
15-30	35 ± 25	
30-60	55 ± 25	
60-100	70 ± 25	

## 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 (1)

Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pH <sub>CaCl2</sub>
0-5	346.37	97.05	0.96	0.43	5.8	13.49	5.7
5-10	346.37	97.05	0.96	0.43	5.8	13.49	5.7
10-20	282.66	98.07	0.97	0.3	3.8	12.67	5.7
20-40	269.44	98.11	0.97	0.2	1.75	8.75	5.5
40-80	281.38	97.92	0.97	0.17	1.4	8.24	5.6

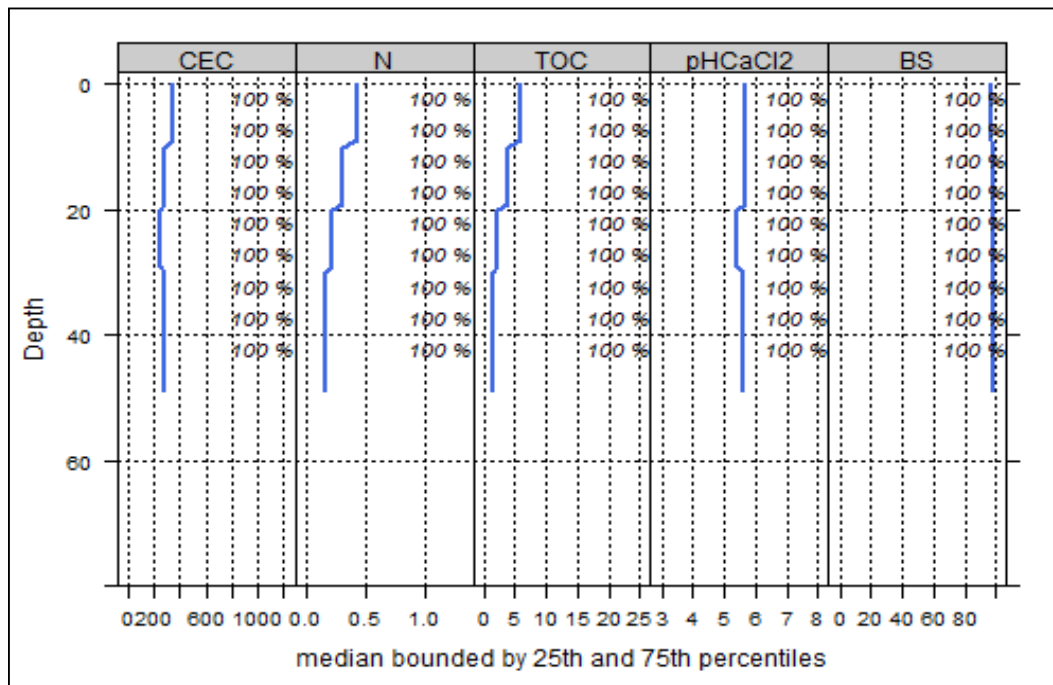


Figure 1: Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (mmol/kg), nitrogen (%), total organic carbon (%), pH and base saturation (%). The percentage values indicate how many profiles contribute to the median calculation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

## Biomass use

Effects of whole-tree harvesting



Minor negative effects

## Compaction risk

Effects of the transit of heavy-duty machinery



Occasionally critical