

TxS0

till, felsic siliceous rocks, impure

General parameters

Area	16.92 km2
Percentage on total forest mapped area	0.35 %

Physics - mean values of all considered profiles (2)

Depth [cm]	Coarse fraction [%]	Field capacity [l/m2]
0-15	20 ± 10	111 ± 4
15-30	30 ± 15	
30-60	30 ± 20	
60-100	35 ± 20	

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 _{CaCl2}
0-5	69.35	9.89	0.09	0.25	3.7	14.8	3.45
5-10	69.35	9.89	0.09	0.25	3.7	14.8	3.45
10-20	51.74	8.31	0.07	0.17	2.5	14.71	3.85
20-40	32.74	11.79	0.1	0.1	1.1	11	4.11
40-80	23.48	14.04	0.11	0.09	0.97	10.78	4.19

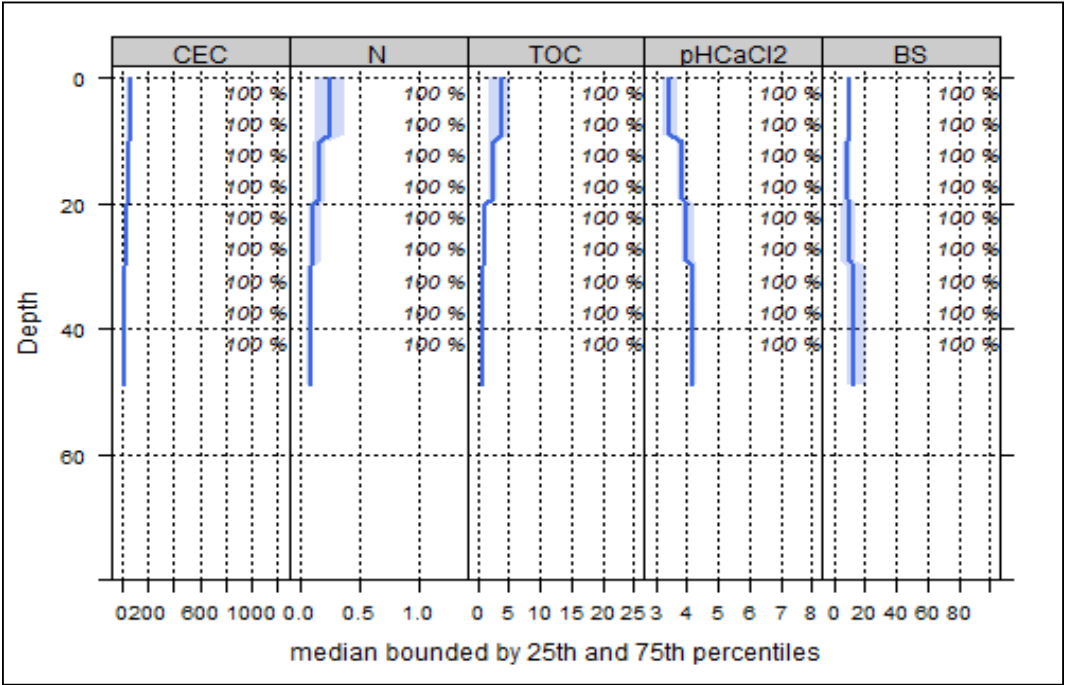
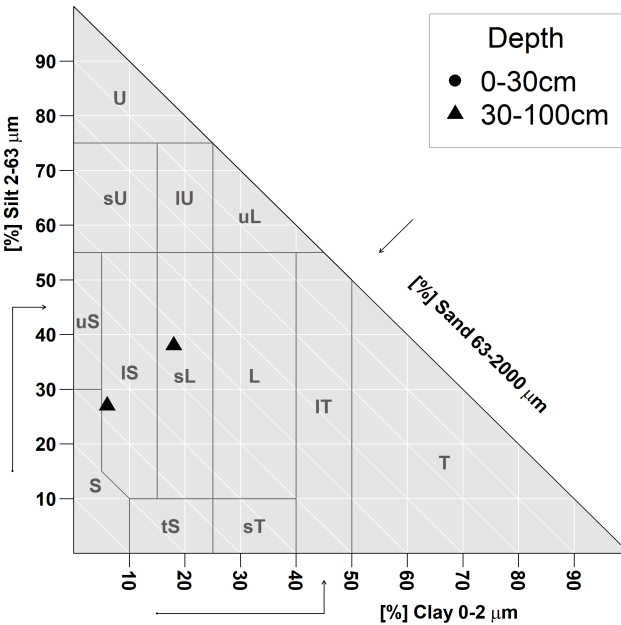


Figure 1: Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (mmol/kg), nitrogen (%), total organic carbon (%), pH and base saturation (%). The percentage values indicate how many profiles contribute to the median calculation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

Biomass use

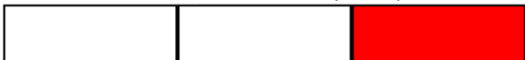
Effects of whole-tree harvesting



Strong negative effects

Compaction risk

Effects of the transit of heavy-duty machinery



Locations at risk