

SxD+

solid bedrock, dolomite, highly impure

General parameters

Area	40.24 km2
Percentage on total forest mapped area	0.83 %

Physics - mean values of all considered profiles (3)

Depth [cm]	Coarse fraction [%]	Field capacity [l/m2]
0-15	25 ± 10	132 ± 28
15-30	25 ± 10	
30-60	30 ± 10	
60-100	45 ± 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 (2)

Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pH _{CaCl2}
0-5	589.05	100	1	0.52	9.1	17.5	6.7
5-10	589.05	100	1	0.52	9.1	17.5	6.7
10-20	473.33	100	1	0.4	6.1	15.25	6.75
20-40	360.29	100	1	0.26	4.12	15.85	7.15
40-80	308.01	100	1	0.21	3.4	16.19	7.4

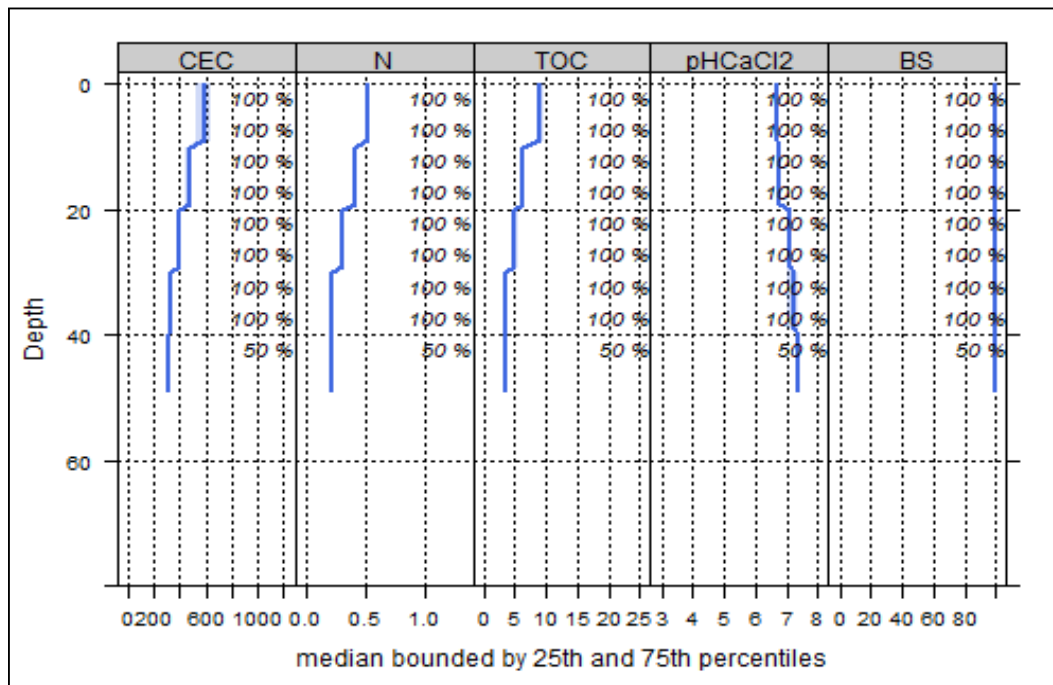


Figure 1: Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (mmol/kg), nitrogen (%), total organic carbon (%), pH and base saturation (%). The percentage values indicate how many profiles contribute to the median calculation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