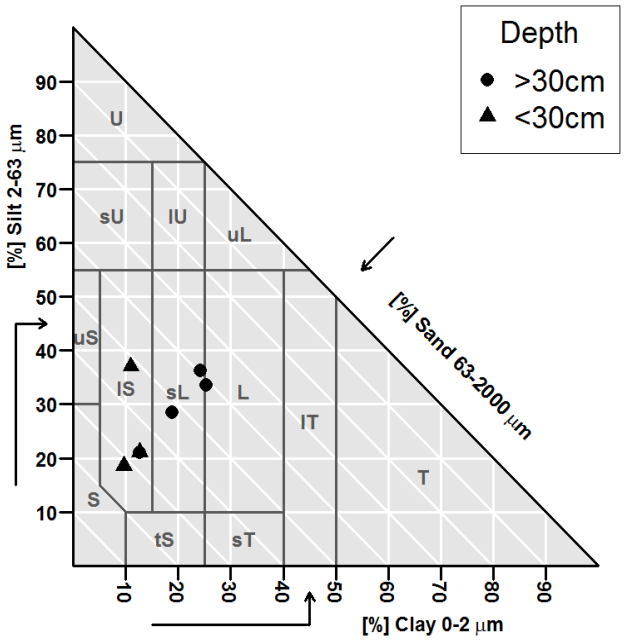
FeB- Solid rock, siliceous-base rich, clay poor

General parameters

Area	31.65 km2
Percentage on total forest mapped area	0.65 %



Physics - mean values of all considered profiles (10)

Depth [cm]	Coarse fraction [%]	Field capacity [l/m2]
0-15	30 ± 25	61 ± 45
15-30	50 ± 30	
30-60	60 ± 35	
60-100	45 ± 40	

Chemistry - stock of available profiles (1)

Ctot	Ntot	Ca	Mg	K	P
t/ha	kg/ha	kg/ha	kg/ha	kg/ha	kg/ha
26.11	2.39	700.91	291.47	101.87	466.03

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 [%]	Ca/BC	Mg/BC	Ntot [%]	TOC [%]	C/N	pHCaCl2
0-10	86.96	49.08	0.69	0.24	0.31	6.2	20	3.87
10-20	82.21	33.72	0.55	0.36	0.16	3.87	24.19	4
20-40	42.94	51.4	0.62	0.3	0.1	2.24	22.4	4.5
40-80	28.77	78.41	0.57	0.37	0.08	1.09	13.62	4.84

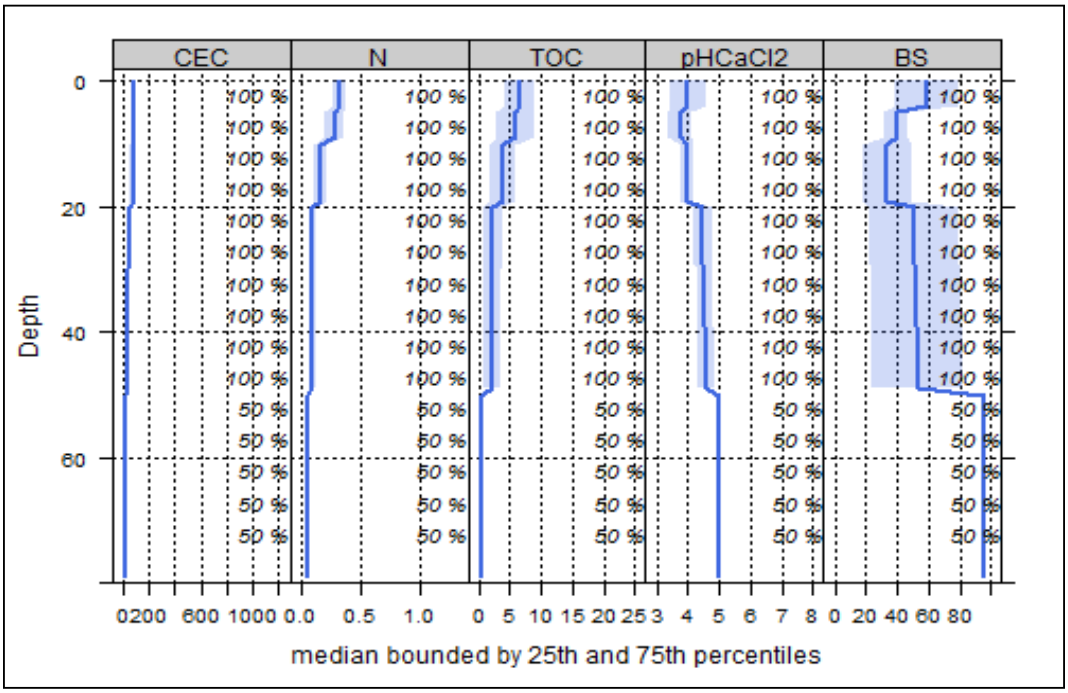


Figure 1: Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (mmol/kg), nitrogen (%), total organic carbon (%), pH and base saturation (%)

Biomass use

Effects of whole three harvesting

Intermediate negative effects

Compaction risk

Effects of heavy machines transit on the soil

Occasionally critical