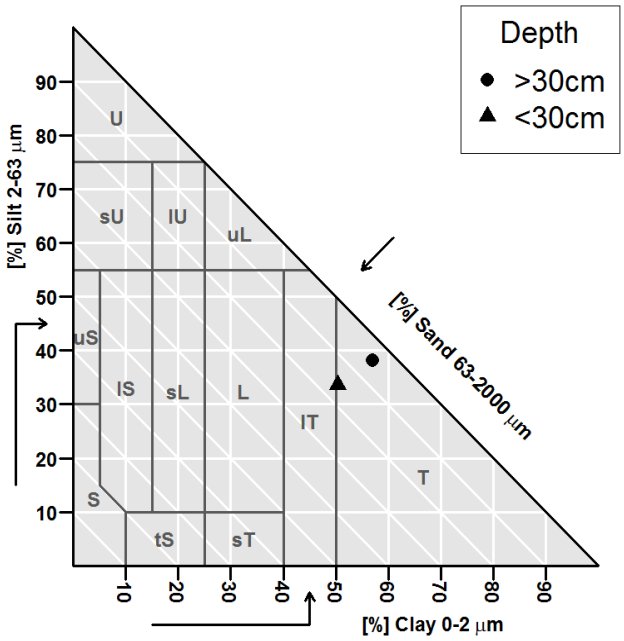
FeM+

Solid rock, siliceous carbonate-poor, clayey

General parameters

Area	18.63 km2
Percentage on total forest mapped area	0.38 %



Physics - mean values of all considered profiles (10)

Depth [cm]	Coarse fraction [%]	Field capacity [l/m2]
0-15	15 ± 15	123 ± 48
15-30	20 ± 20	
30-60	30 ± 35	
60-100	30 ± 30	

Chemistry - stock of available profiles (1)

Ctot	Ntot	Ca	Mg	K	P
t/ha	kg/ha	kg/ha	kg/ha	kg/ha	kg/ha
127.62	11.48	16945.8	751.08	609.53	559.69

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 [%]	Ca/BC	Mg/BC	Ntot [%]	TOC [%]	C/N	pHCaCl2
0-10	115.54	97.51	0.84	0.11	0.35	5.83	16.66	5.05
10-20	121.05	99.23	0.89	0.09	0.19	2.28	12	5.6
20-40	121.18	99.4	0.91	0.07	0.16	1.56	9.75	5.7
40-80	120.04	99.47	0.93	0.05	0.1	0.74	7.4	6

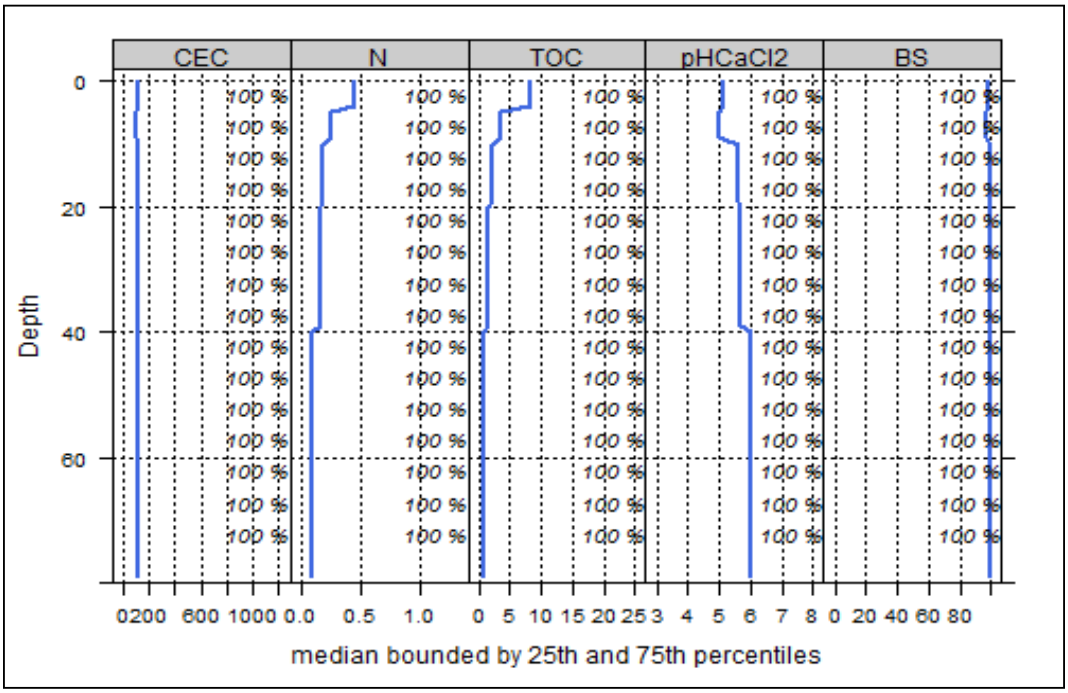
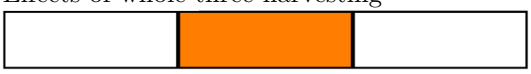


Figure 1: Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (mmol/kg), nitrogen (%), total organic carbon (%), pH and base saturation (%)

Biomass use

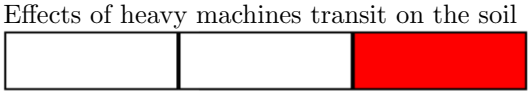
Effects of whole three harvesting



Intermediate negative effects

Compaction risk

Effects of heavy machines transit on the soil



Locations at risk