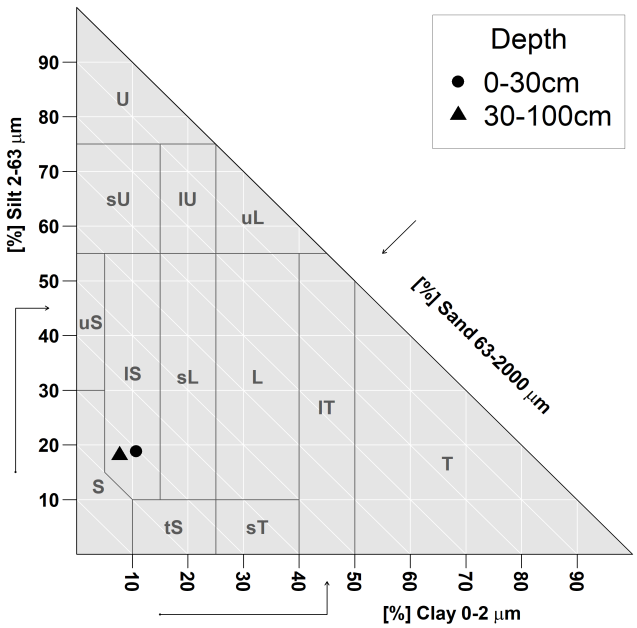
GdS- gravitative slope debris deposits, felsic siliceous rocks, pure

General parameters

Area	14.59 km2
Percentage on total forest mapped area	0.3 %



Physics - mean values of all considered profiles (0)

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

Chemistry - stock of available profiles (1)

Ctot	Ntot	Ca	Mg	K	P
t/ha	t/ha	kg/ha	kg/ha	kg/ha	kg/ha
32.02	1.93	513.55	37.22	97.59	69.18

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	pHCaCl2
0-5	70.03	37.01	0.33	0.16	2.17	13.56	3.3
5-10	62.92	5.87	0.04	0.1	1.08	10.8	3.4
10-20	52.04	5.56	0.01	0.07	0.62	8.86	3.7
20-40	37.06	8.18	0.04	0.05	0.33	6.6	3.5
40-80	38.57	14.51	0.12	0.03	0.21	7	3.7

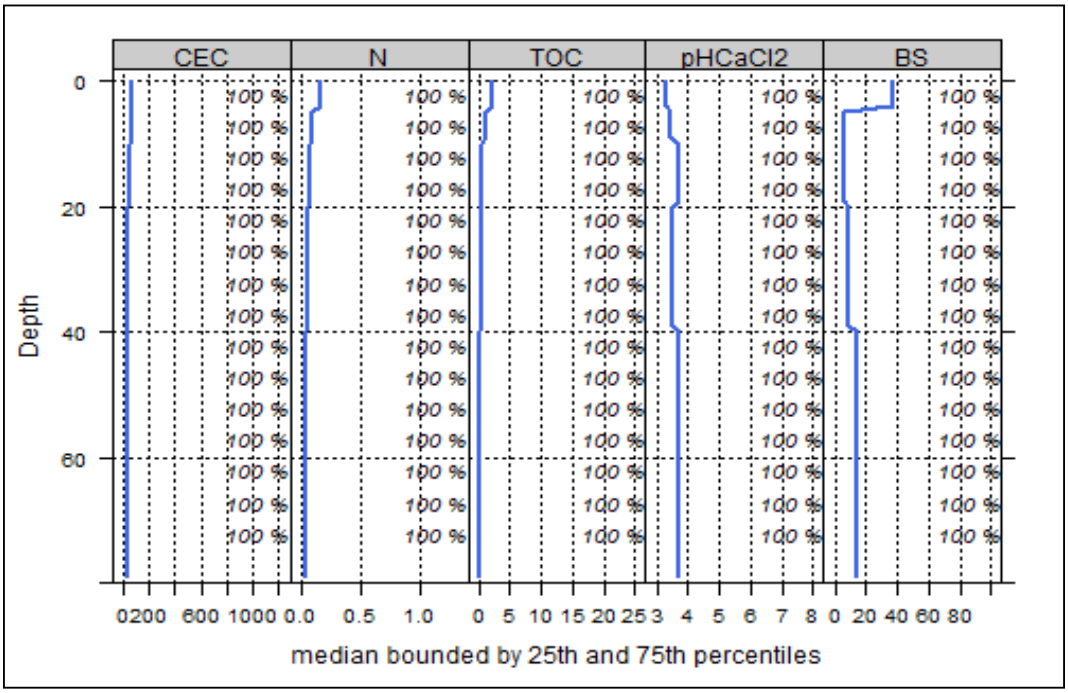
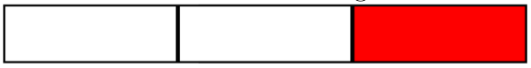


Figure 1: Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (mmol/kg), nitrogen (%), total organic carbon (%), pH and base saturation (%). The percentage values indicate how many profiles contribute to the median calculation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

Biomass use

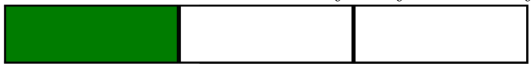
Effects of whole-tree harvesting



Strong negative effects

Compaction risk

Effects of the transit of heavy-duty machinery



Minor negative effects