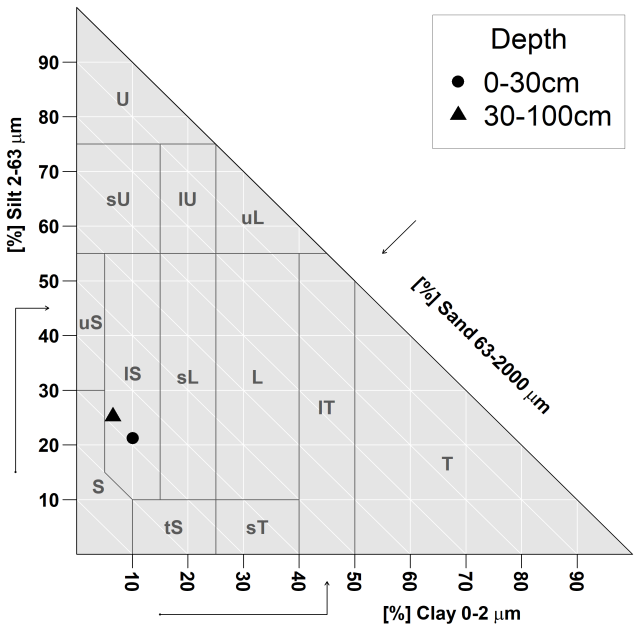
GdB- gravitative slope debris deposits, mafic rocks, pure

General parameters

Area	5.96 km2
Percentage on total forest mapped area	0.12 %



Physics - mean values of all considered profiles (10)

Depth [cm]	Coarse fraction [%]	Field capacity [l/m2]
0-15	35 ± 20	62 ± 18
15-30	55 ± 15	
30-60	65 ± 20	
60-100	80 ± 10	

Chemistry - stock of available profiles (1)

Ctot	Ntot	Ca	Mg	K	P
t/ha	t/ha	kg/ha	kg/ha	kg/ha	kg/ha
44.06	2.44	563.58	116.45	54.59	1450.33

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	136	56.54	0.53	0.44	10.77	24.48	3.7
5-10	67.81	19.3	0.17	0.15	2.81	18.73	3.8
10-20	34.5	92.27	0.89	0.1	1.64	16.4	4.21
20-40	12.62	45.02	0.37	0.07	1.18	16.86	4.57
40-80	12.07	81.01	0.71	0.05	0.59	11.8	5.07

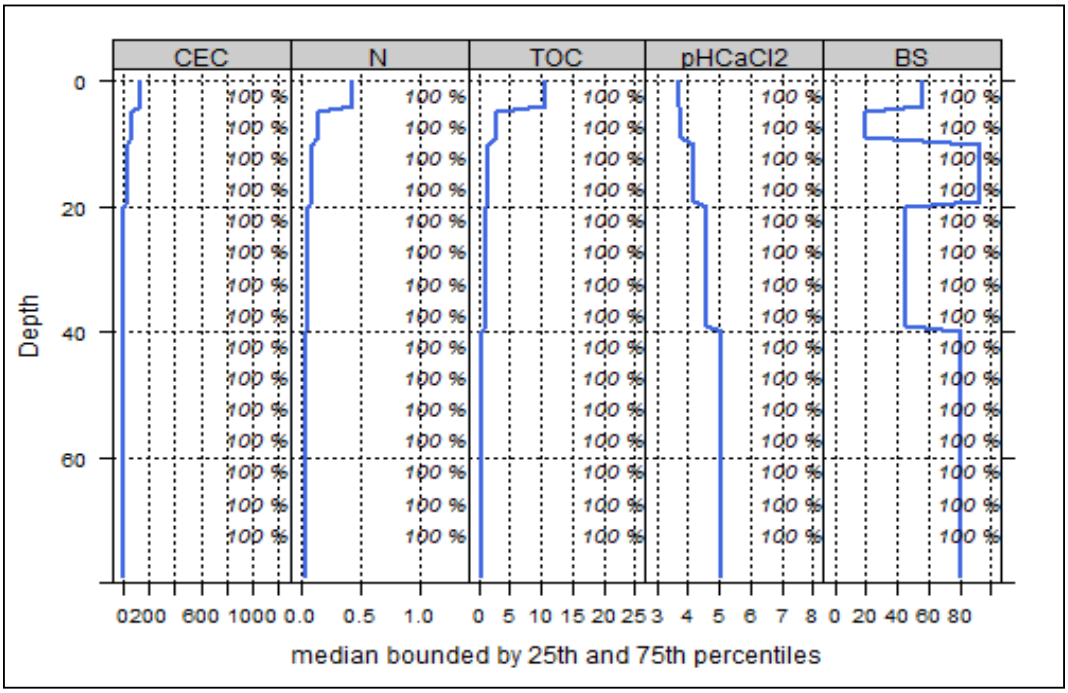


Figure 1: Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (mmol/kg), nitrogen (%), total organic carbon (%), pH and base saturation (%). The percentage values indicate how many profiles contribute to the median calculation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

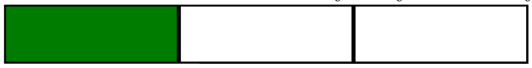
Biomass use

Effects of whole-tree harvesting

Intermediate negative effects

Compaction risk

Effects of the transit of heavy-duty machinery



Minor negative effects