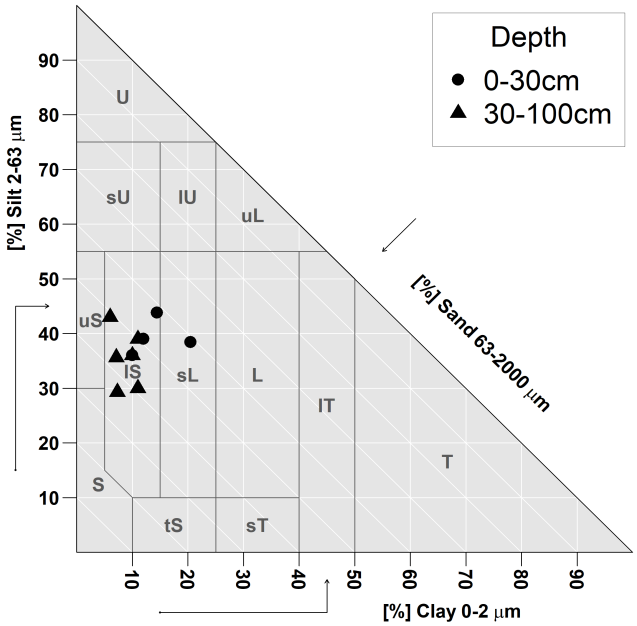
GdB0

gravitative slope debris deposits mafic rocks, impure

General parameters

Area	18.7 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	25 ± 15	92 ± 30
15-30	40 ± 15	
30-60	55 ± 20	
60-100	75 ± 15	

Chemistry - stock of available profiles (3)

Ctot	Ntot	Ca	Mg	K	P
t/ha	t/ha	kg/ha	kg/ha	kg/ha	kg/ha
91.08	4.9	1630.52	239.16	120.6	1189.94

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 (5)

Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pHCaCl2
0-5	126	57.59	0.55	0.59	8.97	15.2	3.9
5-10	117.81	48.21	0.46	0.51	8.09	15.86	3.88
10-20	70.95	52.72	0.5	0.29	5.04	17.38	4.42
20-40	60.69	66.45	0.64	0.22	3.79	17.23	4.59
40-80	50.77	76.07	0.72	0.16	2.68	16.75	4.78

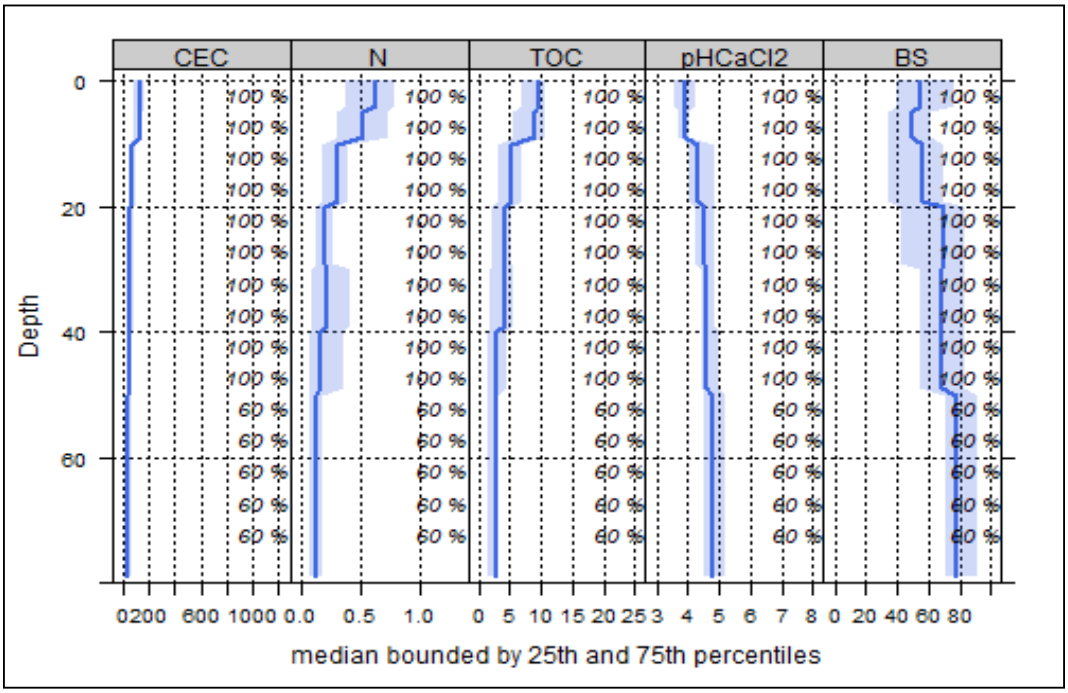


Figure 1: Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (mmol/kg), nitrogen (%), total organic carbon (%), pH and base saturation (%). The percentage values indicate how many profiles contribute to the median calculation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

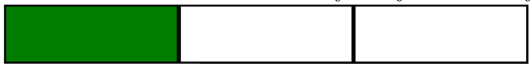
Biomass use

Effects of whole-tree harvesting

Intermediate negative effects

Compaction risk

Effects of the transit of heavy-duty machinery



Minor negative effects