

GdC0

gravitative slope debris deposits, siliceous-calcareous rocks, impure

General parameters

Area	52.85 km ²
Percentage on total forest mapped area	1.09 %

Physics - mean values of all considered profiles (6)

Depth [cm]	Coarse fraction [%]	Field capacity [l/m ²]
0-15	20 ± 15	92 ± 18
15-30	40 ± 15	
30-60	55 ± 15	
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
129.4	10.61	14405	3692	157	2962

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 (6)

Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pH _{CaCl2}
0-5	634.6	97.73	0.98	0.63	12.52	19.87	6.28
5-10	624.1	96.73	0.97	0.57	11.42	20.04	6.28
10-20	457.68	96.42	0.97	0.33	5.74	17.39	6.49
20-40	332.94	96.67	0.97	0.23	3.77	16.39	6.7
40-80	222.66	99.1	0.99	0.14	1.9	13.57	6.58

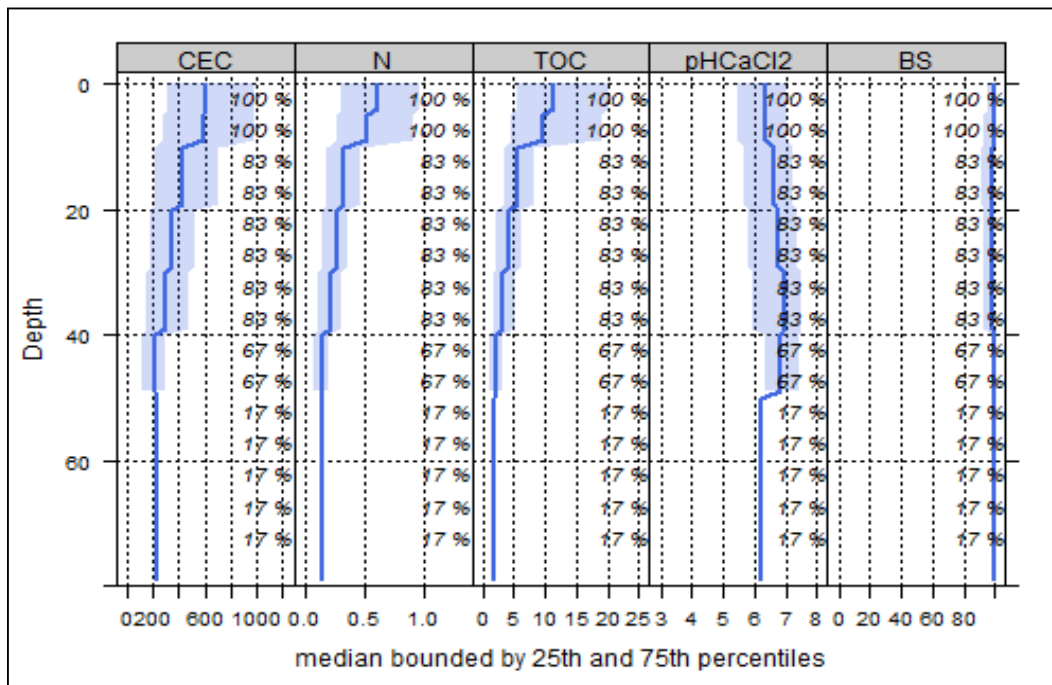
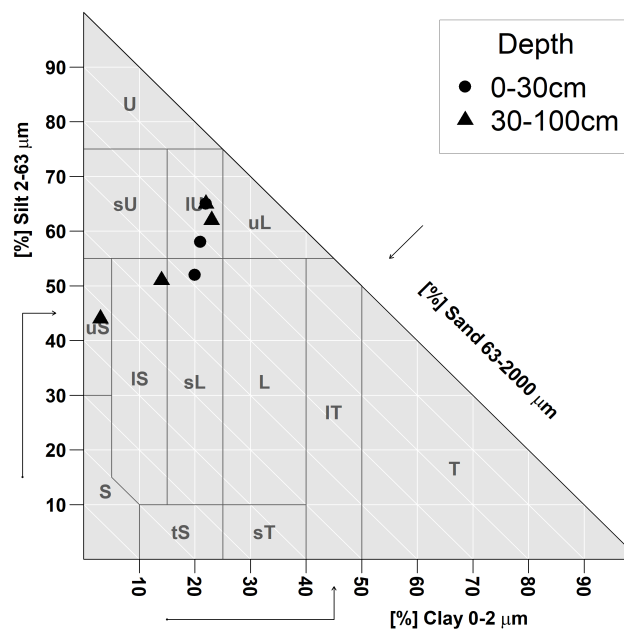


Figure 1: Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (mmol/kg), nitrogen (%), total organic carbon (%), pH and base saturation (%). The percentage values indicate how many profiles contribute to the median calculation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

Biomass use

Effects of whole-tree harvesting



Minor negative effects

Compaction risk

Effects of the transit of heavy-duty machinery



Occasionally critical