

GdI-

gravitative slope debris deposits, intermediate siliceous rocks, pure

General parameters

Area	38.39 km ²
Percentage on total forest mapped area	0.79 %

Physics - mean values of all considered profiles (4)

Depth [cm]	Coarse fraction [%]	Field capacity [l/m ²]
0-15	40 ± 20	71 ± 30
15-30	60 ± 10	
30-60	65 ± 15	
60-100	70 ± 10	

Chemistry - stock of available profiles (2)

Ctot	Ntot	Ca	Mg	K	P
t/ha	t/ha	kg/ha	kg/ha	kg/ha	kg/ha
89.55	5.15	314.27	85.16	206.67	849.49

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 (4)

Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pH _{CaCl2}
0-5	127.56	15.12	0.13	0.24	5.14	21.42	3.46
5-10	81.67	15.46	0.13	0.17	3.69	21.71	3.82
10-20	31.51	20.27	0.12	0.11	1.93	17.55	4.29
20-40	20.09	53.92	0.24	0.08	0.97	12.12	4.57
40-80	16.3	71.19	0.42	0.09	0.75	8.33	4.69

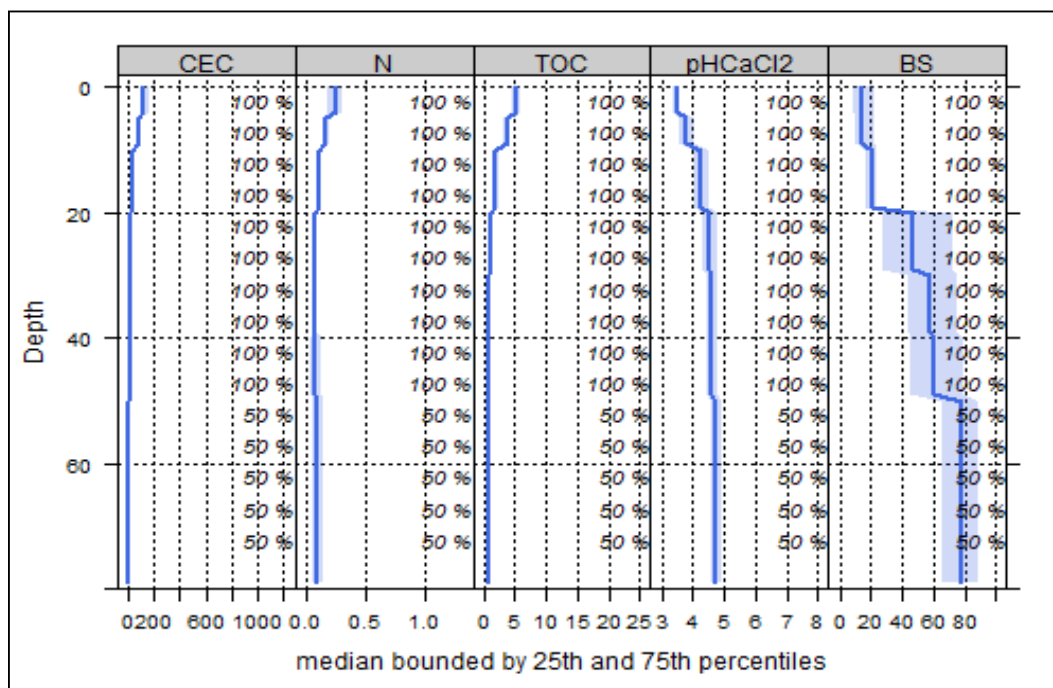
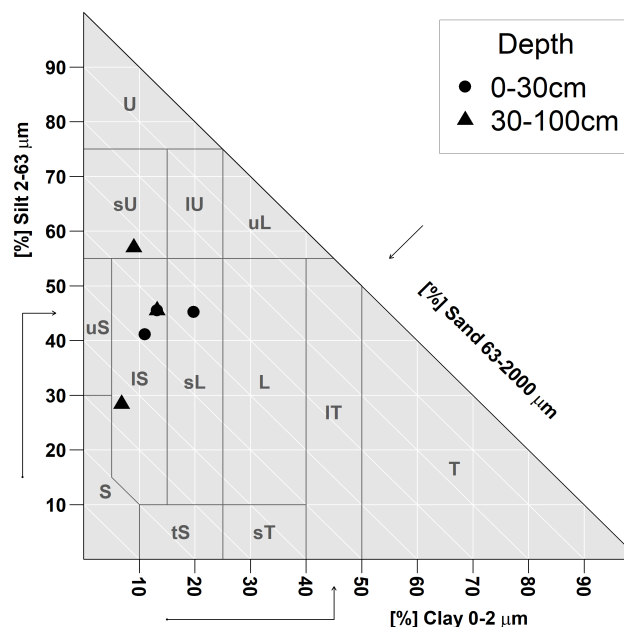


Figure 1: Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (mmol/kg), nitrogen (%), total organic carbon (%), pH and base saturation (%). The percentage values indicate how many profiles contribute to the median calculation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