

GdIO

gravitative slope debris deposits, intermediate siliceous rocks, impure

General parameters

Area	274.27 km ²
Percentage of total forest mapped area	5.64 %

Physics - mean values of profiles (86)

Depth [cm]	Coarse fraction [%]	PAWC [dm ³ /m ²]
0-15	20 ± 15	113 ± 49
15-30	30 ± 20	
30-60	45 ± 25	
60-100	55 ± 30	

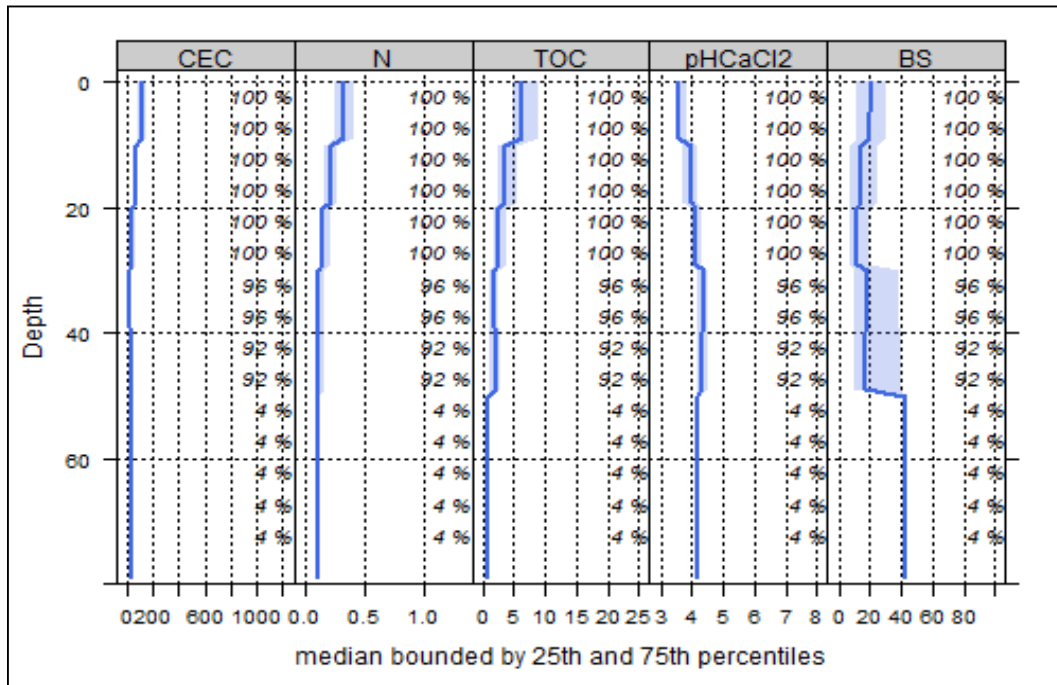
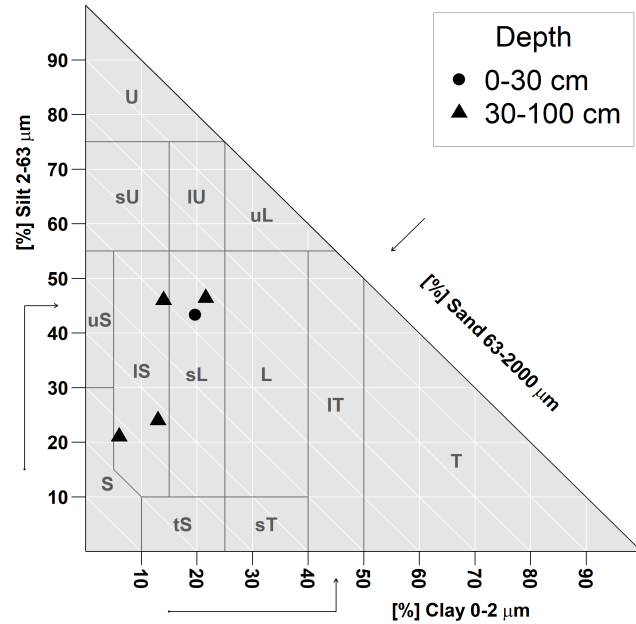
Chemistry - mean stocks of profiles (1)

Ctot	Ntot	Ca	Mg	K	P
t/ha	t/ha	kg/ha	kg/ha	kg/ha	kg/ha
56.42	5.19	671.94	96.1	132.97	1604.13

All stock values, 0-80 cm including humus layers (F, H), are short-term available, except for phosphorus, which gives long term availability

Chemistry - mean values of profiles (25)

Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pHCaCl2
0-5	124.76	29.88	0.28	0.38	6.93	18.24	3.66
5-10	123.88	29.15	0.27	0.37	6.87	18.57	3.66
10-20	75.4	22.21	0.21	0.22	4.05	18.41	3.99
20-40	47.82	25.16	0.23	0.15	2.72	18.13	4.27
40-80	40.86	29.66	0.26	0.14	2.28	16.29	4.35



Depth graph of median chemical properties. Shaded area: 25-75% percentiles; CEC: cation exchange capacity (mmol/kg); N: nitrogen (%); TOC: total organic carbon (%); pHCaCl2: ph value in CaCl2 solution; BS: base saturation (%); right-hand y-axis= percentage of profiles used in the calculation

Biomass use

Effects of whole-tree harvesting



Intermediate negative effects

Compaction risk

Effects of the transit of heavy machinery



Occasionally critical