

TxIO

till, intermediate siliceous rocks, impure

General parameters

Area	424.07 km ²
Percentage of total forest mapped area	8.72 %

Physics - mean values of profiles (107)

Depth [cm]	Coarse fraction [%]	PAWC [dm ³ /m ²]
0-15	15 ± 15	127 ± 48
15-30	20 ± 15	
30-60	30 ± 25	
60-100	50 ± 30	

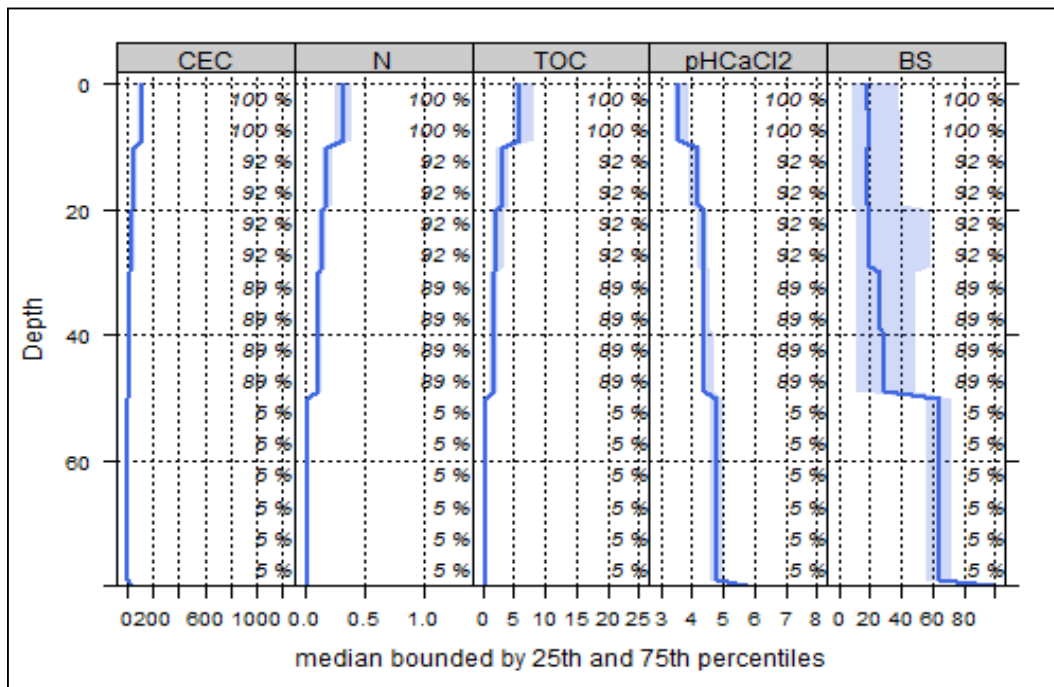
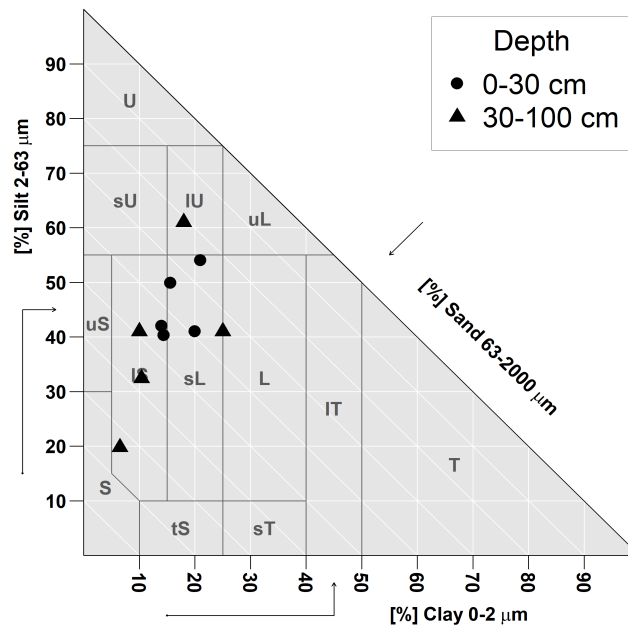
Chemistry - mean stocks of profiles (0)

Ctot	Ntot	Ca	Mg	K	P
t/ha	t/ha	kg/ha	kg/ha	kg/ha	kg/ha

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 (37)

Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pHCaCl2
0-5	124.19	30.94	0.29	0.35	6.46	18.46	3.74
5-10	120.54	31.57	0.3	0.34	6.27	18.44	3.77
10-20	70.48	29.09	0.27	0.2	3.34	16.7	4.2
20-40	42.46	33.43	0.31	0.14	2.37	16.93	4.5
40-80	29.95	39.77	0.36	0.1	1.94	19.4	4.61



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