TxI-

till, intermediate siliceous rocks, pure

General parameters

Area	41.1 km2
Percentage of total forest mapped area	0.85 %

Physics - mean values of profiles (8)

Depth [cm]	Coarse fraction [%]	PAWC [dm^3/m^2]
0-15	25 ± 20	97 ± 31
15-30	35 ± 15	
30-60	55 ± 20	
60-100	65 ± 10	

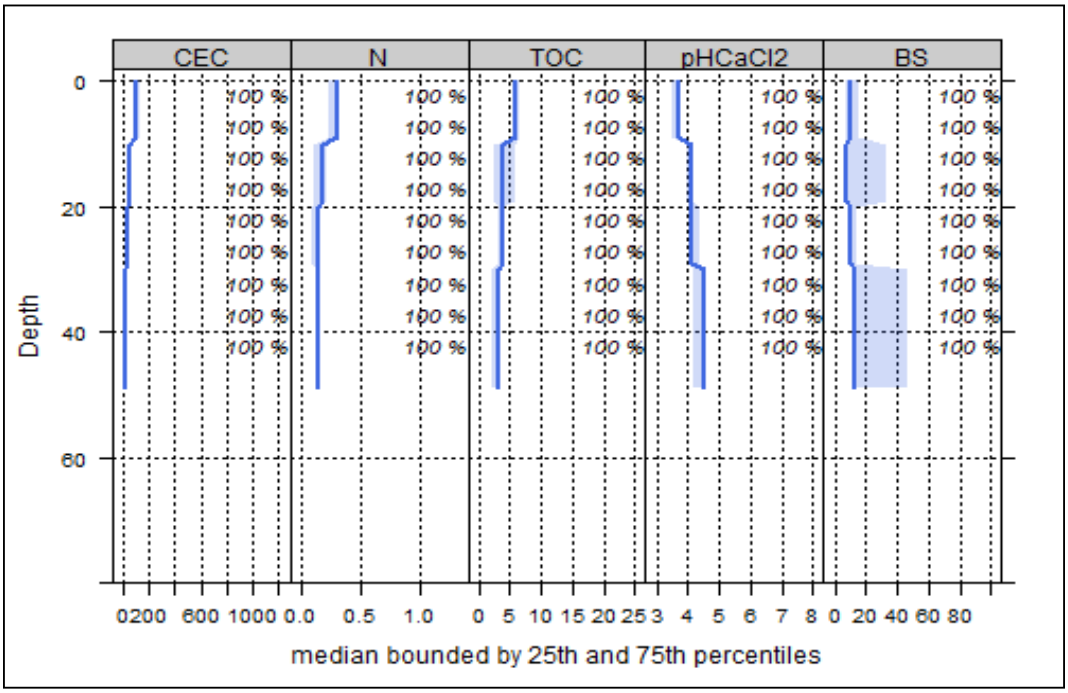
Chemistry - mean stocks of profiles (0)

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 (5)

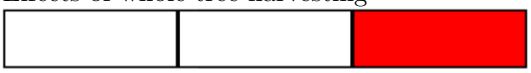
Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pHCaCl2
0-5	108.49	17.17	0.15	0.33	6.94	21.03	3.6
5-10	108.49	17.17	0.15	0.33	6.94	21.03	3.6
10-20	50.57	18.36	0.16	0.2	4.38	21.9	4.18
20-40	36.04	22.57	0.18	0.16	3.26	20.38	4.34
40-80	31.24	27.87	0.23	0.16	2.98	18.62	4.44



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



Strong negative effects

Compaction risk

Effects of the transit of heavy machinery

Occasionally critical