

TxC+

till, siliceous-calcareous rocks, highly impure

General parameters

Area	16.73 km ²
Percentage of total forest mapped area	0.34 %

Physics - mean values of profiles (8)

Depth [cm]	Coarse fraction [%]	PAWC [dm ³ /m ²]
0-15	10 ± 10	127 ± 47
15-30	10 ± 10	
30-60	30 ± 35	
60-100	45 ± 30	

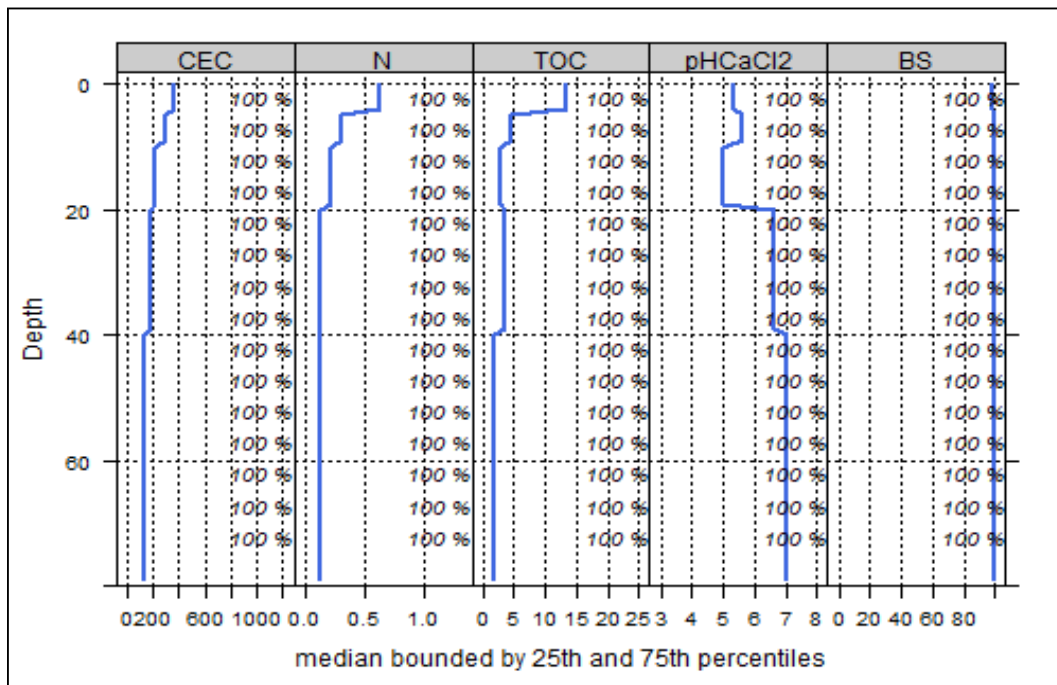
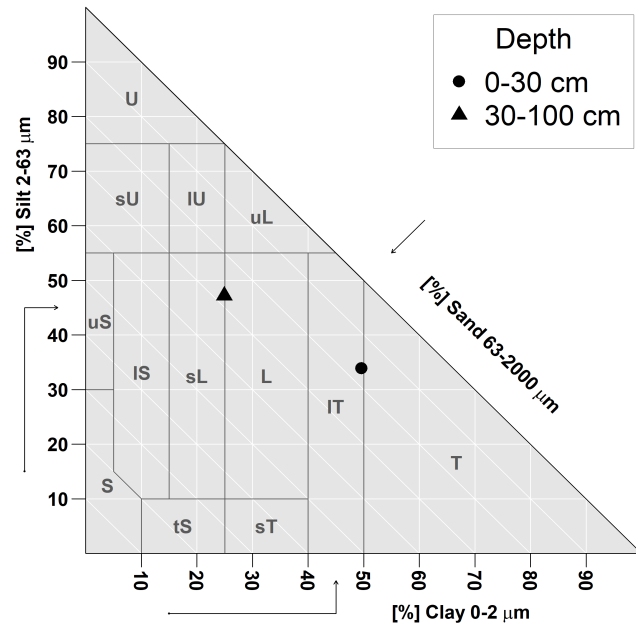
Chemistry - mean stocks of profiles (1)

Ctot	Ntot	Ca	Mg	K	P
t/ha	t/ha	kg/ha	kg/ha	kg/ha	kg/ha
188.53	10.09	13639.09	4251.18	325.37	1825.78

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 (1)

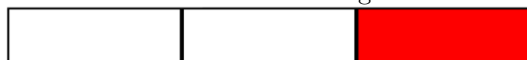
Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pHCaCl2
0-5	370.02	98.69	0.97	0.62	13.31	21.47	5.3
5-10	290.99	99.16	0.97	0.3	4.44	14.8	5.6
10-20	214.52	99.07	0.98	0.21	2.75	13.1	5
20-40	191.08	99.9	0.99	0.12	3.39	28.25	6.6
40-80	130.81	99.76	0.98	0.13	1.77	13.62	7



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

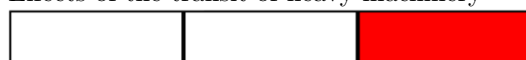
Effects of whole-tree harvesting



Strong negative effects

Compaction risk

Effects of the transit of heavy machinery



Locations at risk