TxS0

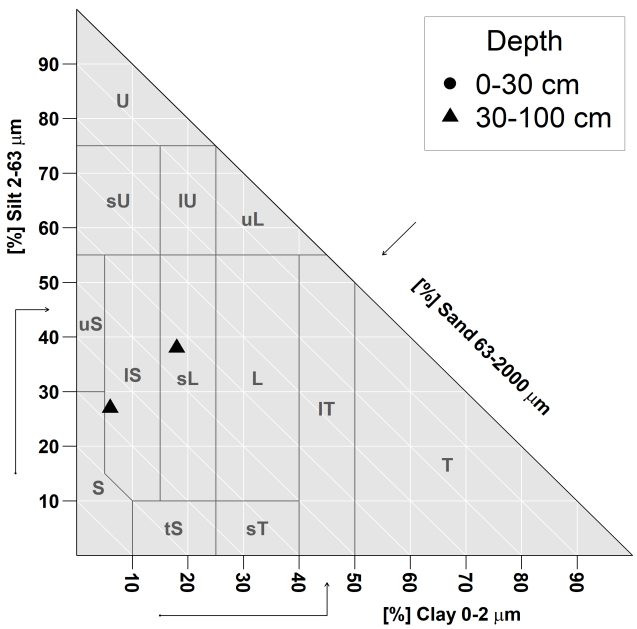
till, felsic siliceous rocks, impure

General parameters

Area	16.92 km2
Percentage of total forest mapped area	0.35 %

Physics - mean values of profiles (2)

Depth [cm]	Coarse fraction [%]	PAWC [dm^3/m^2]
0-15	20 ± 10	111 ± 4
15-30	30 ± 15	
30-60	30 ± 20	
60-100	35 ± 20	



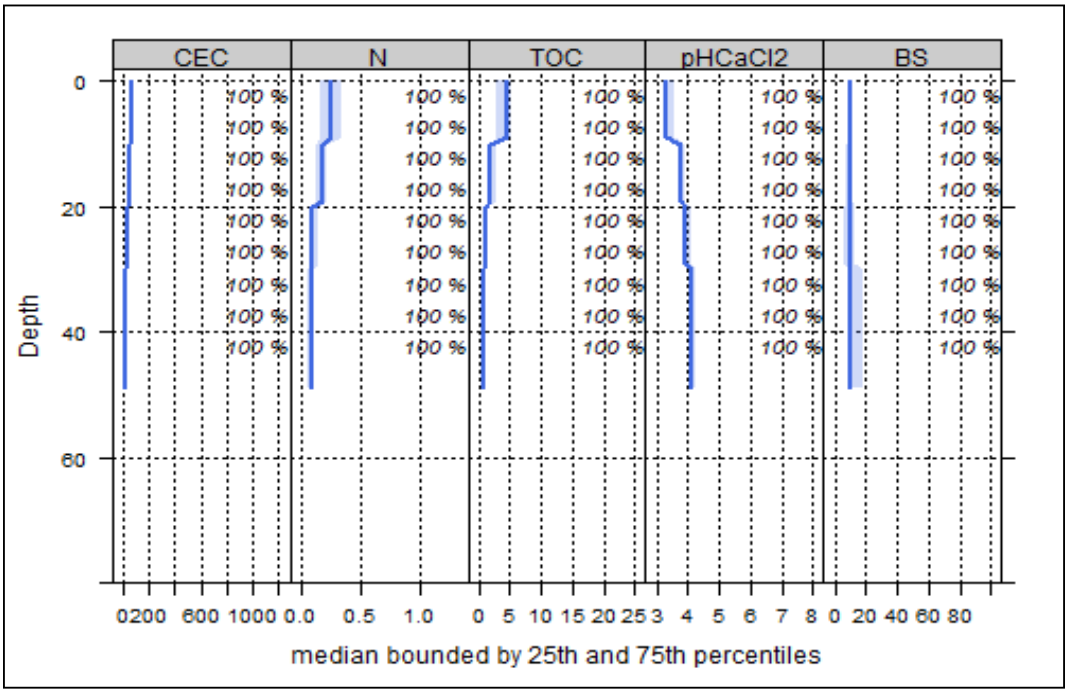
Chemistry - mean stocks of profiles (0)

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 (3)

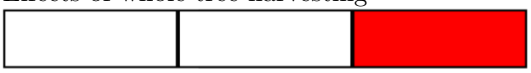
Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pHCaCl2
0-5	69.35	9.89	0.09	0.25	3.7	14.8	3.45
5-10	69.35	9.89	0.09	0.25	3.7	14.8	3.45
10-20	51.74	8.31	0.07	0.17	2.5	14.71	3.85
20-40	32.74	11.79	0.1	0.1	1.1	11	4.11
40-80	23.48	14.04	0.11	0.09	0.97	10.78	4.19



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

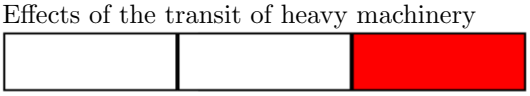
Effects of whole-tree harvesting



Strong negative effects

Compaction risk

Effects of the transit of heavy machinery



Locations at risk