

Occurrence of substrate type

Area	77.91 km ²
Percentage on total forest mapped area	1.6 %

Physical soil properties-mean values according to field description (9)

Depth [cm]	Coarse fraction [%]	Field capacity [l/m ²]
0-15	10 ± 15	86 ± 35
15-30	20 ± 20	
30-60	40 ± 30	
60-100	55 ± 30	

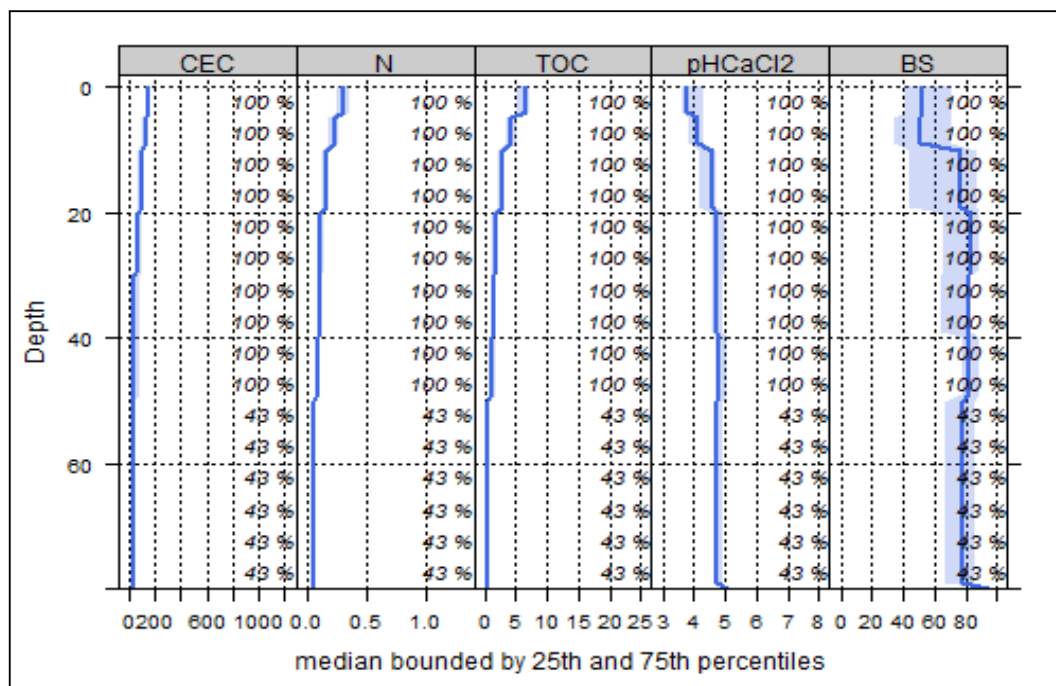
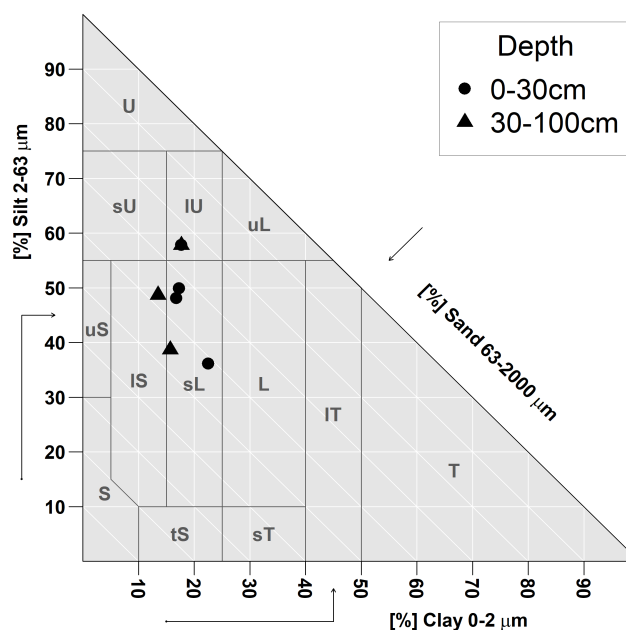
Carbon, nitrogen and nutrient stocks (3)

C _{tot}	N _{tot}	Ca	Mg	K	P
t/ha	t/ha	kg/ha	kg/ha	kg/ha	kg/ha
102.04	6.48	2055.27	514.56	257.8	822.96

Mean stock values 0-80 cm of mineral soil and humus layers (OF,OH) given in short term availability. For phosphorous long-term availability is given.

Soil chemical analysis for depth intervals (12)

Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	N _{tot} [%]	TOC [%]	C/N	pH _{CaCl2}
0-5	164.06	59.1	0.58	0.33	6.83	20.7	4.06
5-10	129.67	53.69	0.52	0.24	4.35	18.12	4.21
10-20	89.02	64.78	0.62	0.15	2.56	17.07	4.46
20-40	75.91	74.98	0.71	0.12	1.55	12.92	4.91
40-80	49.41	78.58	0.73	0.08	0.86	10.75	4.96



Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (CEC, mmol/kg), nitrogen (N, %), total organic carbon (TOC, %), pH and base saturation (BS, %). Dark blue line represents median, blue area represents values within the second and third percentile.

Biomass use

Effects of whole-tree harvesting



Intermediate negative effects

Compaction risk

Effects of transit from heavy-duty machinery



Occasionally critical