

Occurrence of substrate type

Area	126.12 km ²
Percentage on total forest mapped area	2.59 %

**Physical soil properties-
mean values according to field description (3)**

Depth [cm]	Coarse fraction [%]	Field capacity [l/m ²]
0-15	20 ± 15	80 ± 18
15-30	30 ± 20	
30-60	50 ± 30	
60-100	65 ± 30	

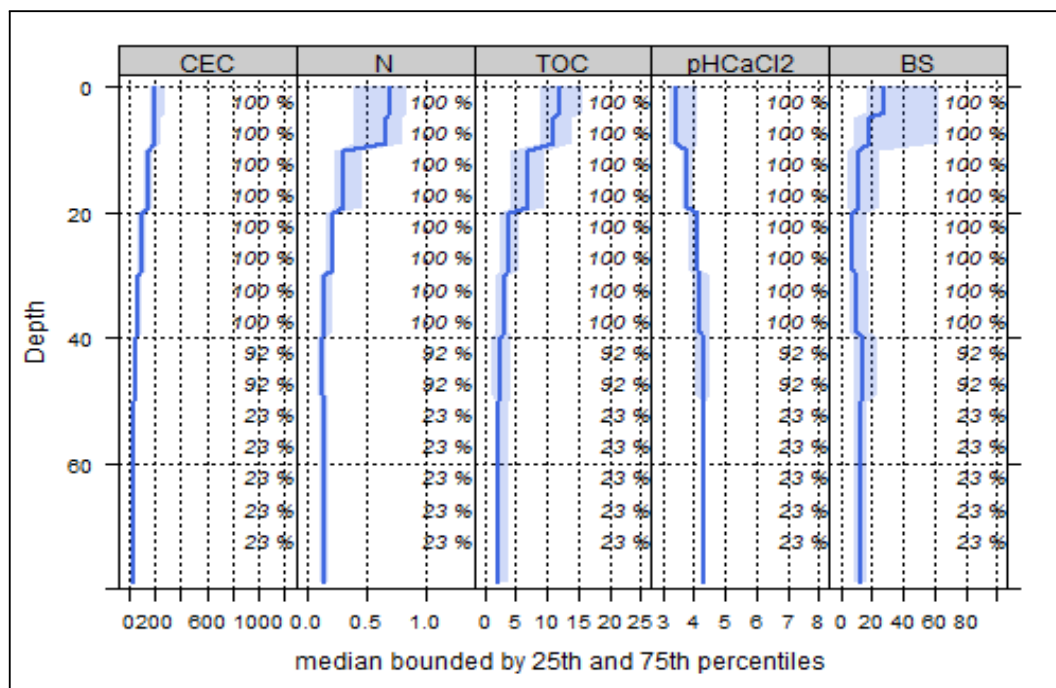
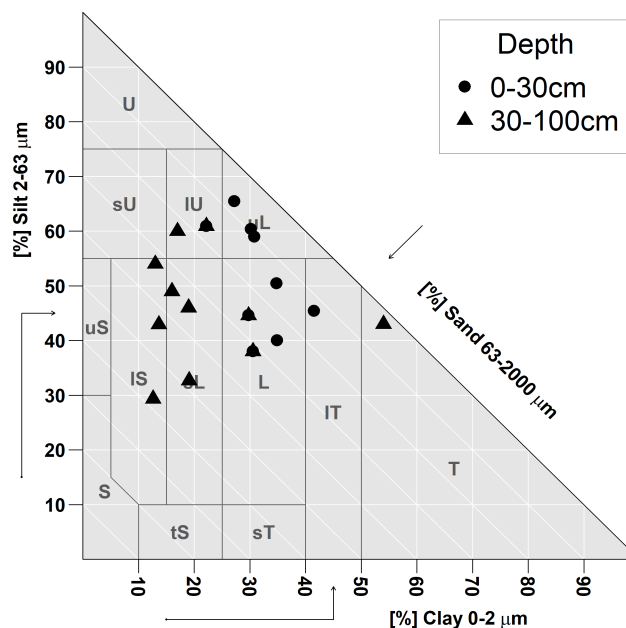
Carbon, nitrogen and nutrient stocks (3)

C _{tot}	N _{tot}	Ca	Mg	K	P
t/ha	t/ha	kg/ha	kg/ha	kg/ha	kg/ha
219.19	10.68	419.17	97.39	105.35	782.84

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 (13)

Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	N _{tot} [%]	TOC [%]	C/N	pH _{CaCl2}
0-5	239.26	38.4	0.37	0.73	13.66	18.71	3.68
5-10	225.05	34.77	0.33	0.61	11.42	18.72	3.7
10-20	159.1	25.11	0.24	0.33	6.28	19.03	3.98
20-40	94.75	23.45	0.22	0.2	3.83	19.15	4.47
40-80	58.61	21.62	0.19	0.15	2.89	19.27	4.53



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



Locations at risk