

T_xK₀

Moraine, calcite, intermediate clay minerals

Occurrence of substrate type

Area	85.97 km ²
Percentage on total forest mapped area	1.77 %

Physical soil properties-mean values according to field description (7)

Depth [cm]	Coarse fraction [%]	Field capacity [l/m ²]
0-15	30 ± 25	58 ± 43
15-30	45 ± 25	
30-60	60 ± 25	
60-100	65 ± 25	

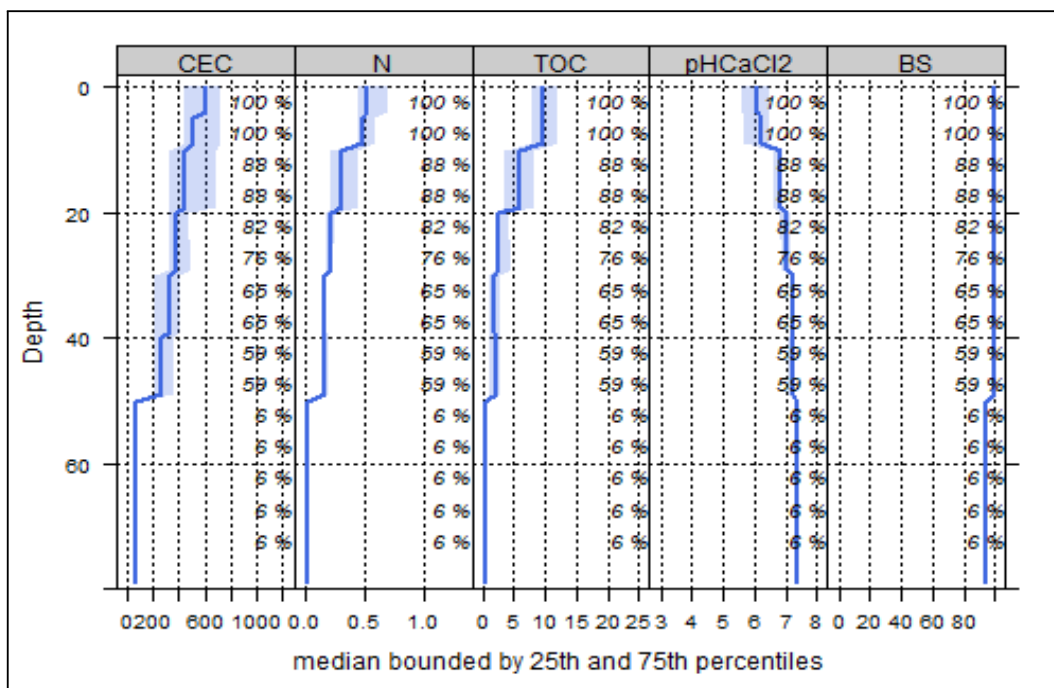
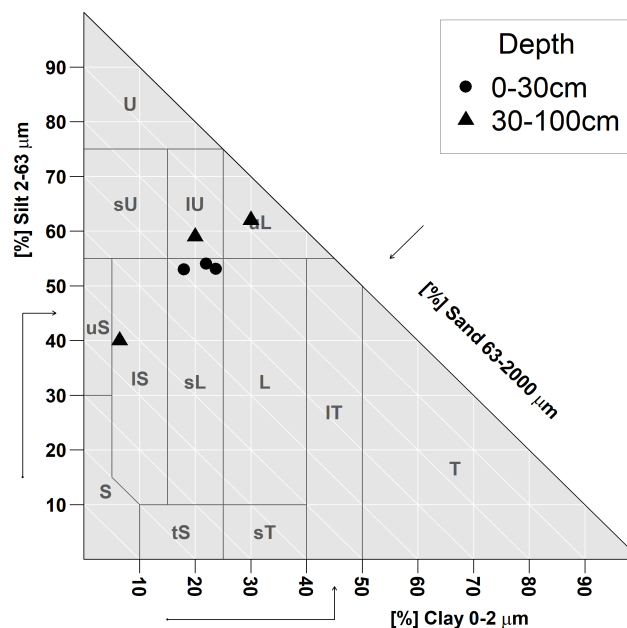
Carbon, nitrogen and nutrient stocks (1)

C _{tot}	N _{tot}	Ca	Mg	K	P
t/ha	t/ha	kg/ha	kg/ha	kg/ha	kg/ha
122.15	5.94	13848.3	116.46	145.33	639.36

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 (23)

Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	N _{tot} [%]	TOC [%]	C/N	pH _{CaCl2}
0-5	595.88	98.87	0.99	0.64	12.07	18.86	6.02
5-10	586.5	98.86	0.99	0.6	11.02	18.37	6.09
10-20	491.89	99.5	0.99	0.39	6.43	16.49	6.65
20-40	372.79	99.68	0.99	0.21	3.28	15.62	7.01
40-80	253.6	98.28	0.97	0.14	1.91	13.64	7.21



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