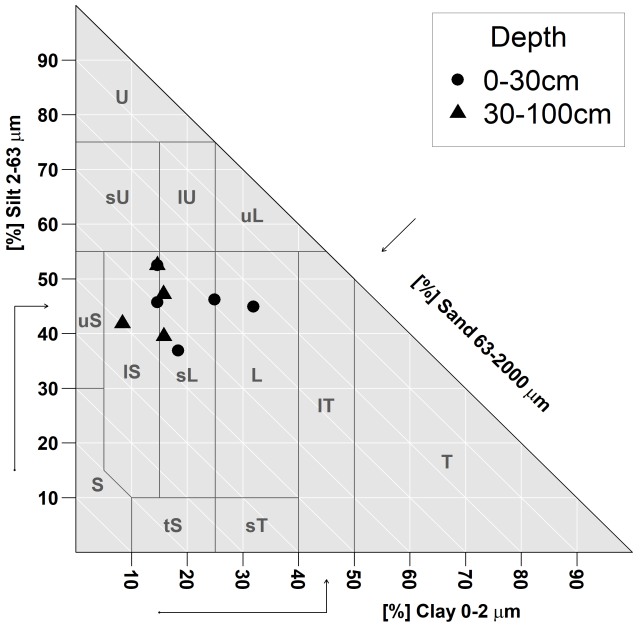
SxB0

Solid rock, mafic rocks, intermediate clay minerals

Occurrence of substrate type

Area	59.68 km2
Percentage on total forest mapped area	1.23 %



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

Depth [cm]	Coarse fraction [%]	Field capacity [l/m2]
0-15	25 ± 15	108 ± 12
15-30	40 ± 20	
30-60	55 ± 25	
60-100	65 ± 20	

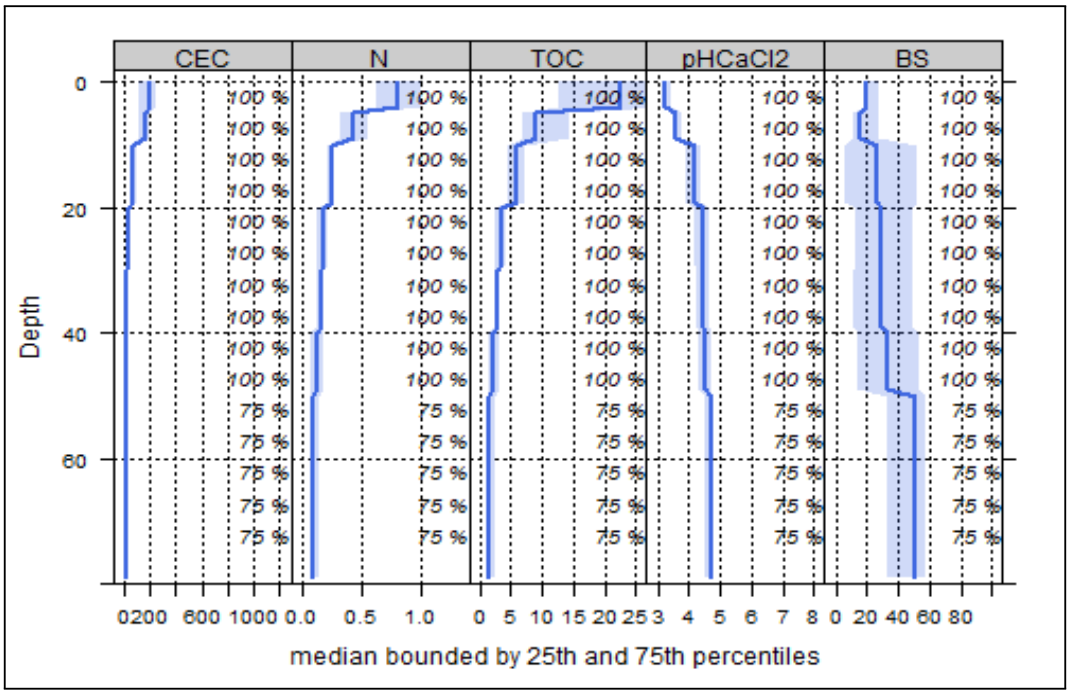
Carbon, nitrogen and nutrient stocks (3)

Ctot	Ntot	Ca	Mg	K	P
t/ha	t/ha	kg/ha	kg/ha	kg/ha	kg/ha
155.25	7.57	572.41	218.68	86.18	1928.74

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 (4)

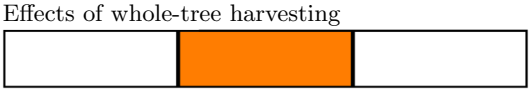
Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pHCaCl2
0-5	179.62	26.83	0.24	0.83	19.96	24.05	3.37
5-10	143.56	23.8	0.21	0.44	12.6	28.64	3.65
10-20	78.32	31.37	0.28	0.24	5.72	23.83	4.1
20-40	37.31	31.66	0.26	0.16	3.13	19.56	4.4
40-80	23.69	40.63	0.33	0.12	2.03	16.92	4.59



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

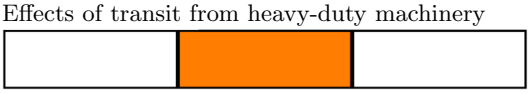
Effects of whole-tree harvesting



Intermediate negative effects

Compaction risk

Effects of transit from heavy-duty machinery



Occasionally critical