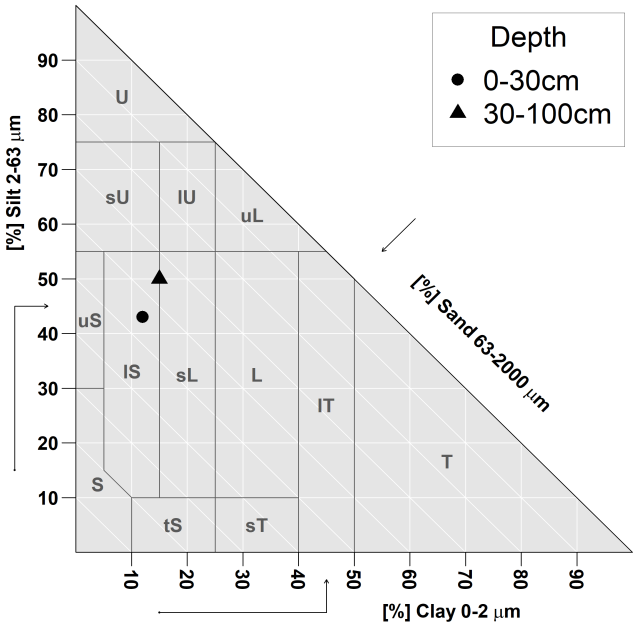
FxI0 — Gravel, intermediate siliceous rocks, intermediate clay minerals

Occurrence of substrate type

Area	79.96 km2
Percentage on total forest mapped area	1.65 %



Physical soil properties-
mean values according to field description (2)

Depth [cm]	Coarse fraction [%]	Field capacity [l/m2]
0-15	15 ± 15	95 ± 21
15-30	30 ± 20	
30-60	30 ± 25	
60-100	35 ± 25	

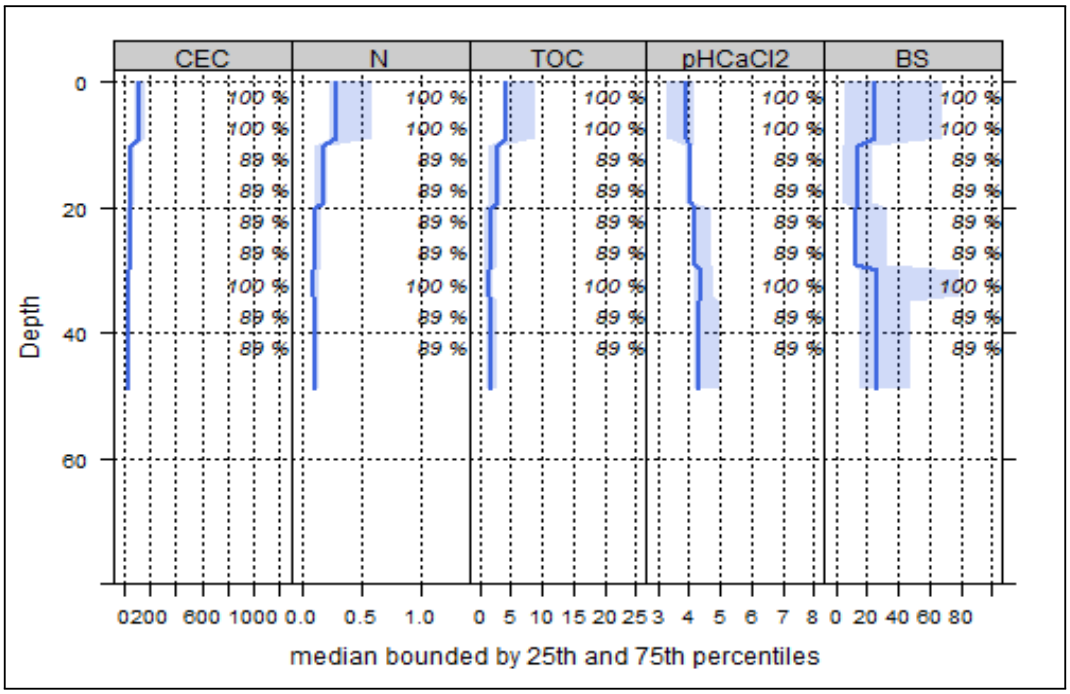
Carbon, nitrogen and nutrient stocks (0)

Ctot	Ntot	Ca	Mg	K	P
t/ha	t/ha	kg/ha	kg/ha	kg/ha	kg/ha

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 (10)

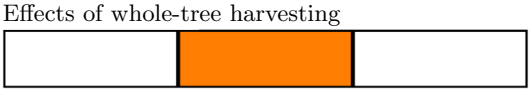
Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pHCaCl2
0-5	174.42	40.04	0.39	0.46	6.46	14.04	3.91
5-10	174.42	40.04	0.39	0.46	6.46	14.04	3.91
10-20	72.52	17.23	0.16	0.17	2.79	16.41	3.96
20-40	63	36.68	0.34	0.17	2.3	13.53	4.55
40-80	83.8	39.09	0.37	0.22	2.71	12.32	4.62



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

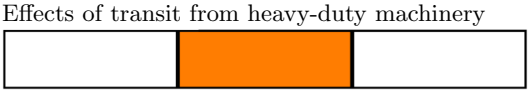
Effects of whole-tree harvesting



Intermediate negative effects

Compaction risk

Effects of transit from heavy-duty machinery



Occasionally critical