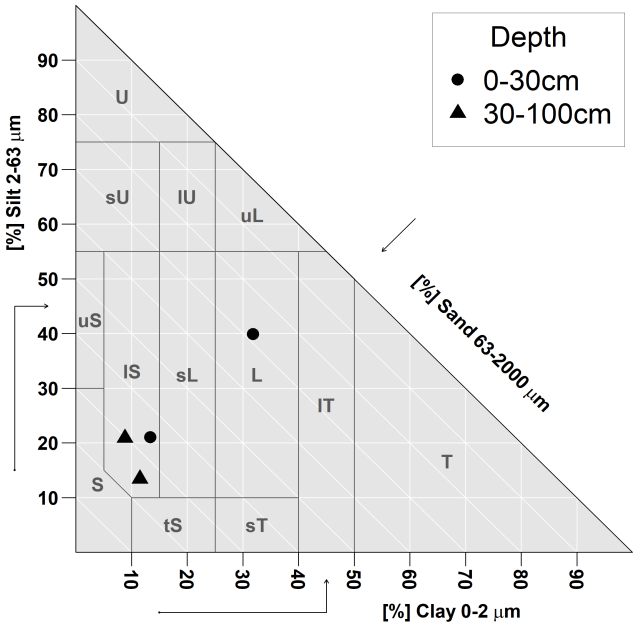
SxU0

Solid rock, ultra-mafic, intermediate clay minerals

Occurrence of substrate type

Area	km2
Percentage on total forest mapped area	0 %



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

Depth [cm]	Coarse fraction [%]	Field capacity [l/m2]
0-15	70 ± 10	47 ± 37
15-30	75 ± 15	
30-60	80 ± 20	
60-100	90 ± 10	

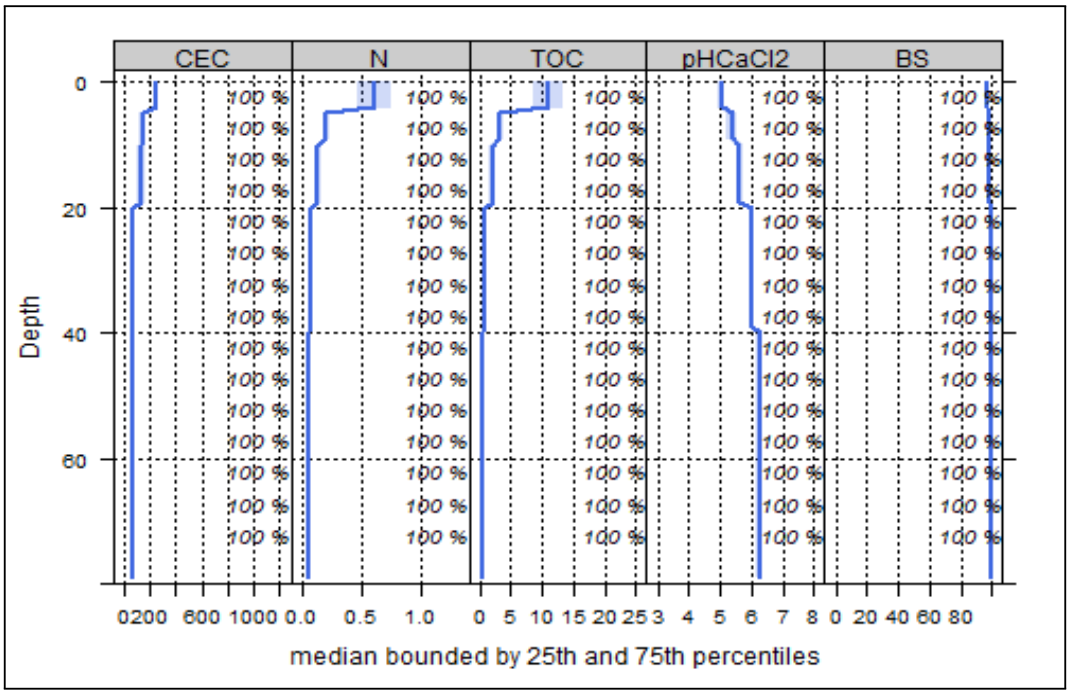
Carbon, nitrogen and nutrient stocks (2)

Ctot	Ntot	Ca	Mg	K	P
t/ha	t/ha	kg/ha	kg/ha	kg/ha	kg/ha
39.71	2.29	823.14	1980.01	83.52	327.8

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 (2)

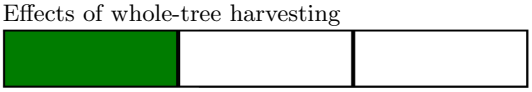
Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pHCaCl2
0-5	242.26	96.8	0.94	0.61	10.87	17.82	5.04
5-10	145.37	97.82	0.96	0.2	3.23	16.15	5.38
10-20	132.43	98.27	0.96	0.14	2.03	14.5	5.63
20-40	72.37	98.98	0.97	0.07	0.73	10.43	6
40-80	68.55	99.27	0.98	0.05	0.52	10.4	6.25



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

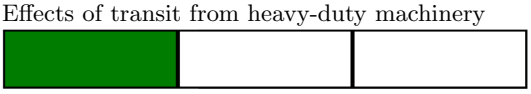
Effects of whole-tree harvesting



Minor negative effects

Compaction risk

Effects of transit from heavy-duty machinery



Minor negative effects