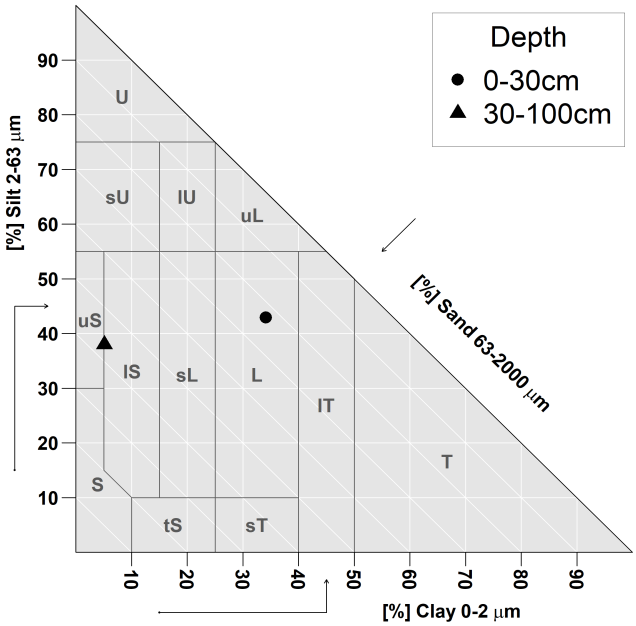
SxD0

Solid rock, dolomite, intermediate clay minerals

Occurrence of substrate type

Area	68.98 km2
Percentage on total forest mapped area	1.42 %



Physical soil properties- mean values according to field description (1)

Depth [cm]	Coarse fraction [%]	Field capacity [l/m2]
0-15	15 ± 15	48±
15-30	35 ± 25	
30-60	55 ± 30	
60-100	85 ± 15	

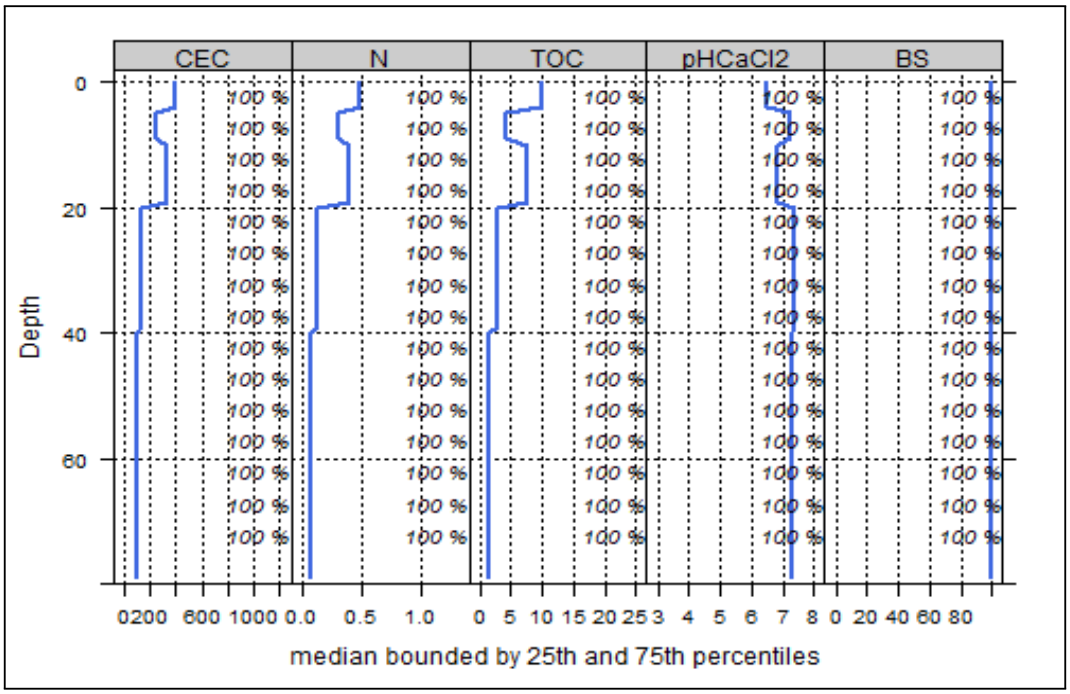
Carbon, nitrogen and nutrient stocks (1)

Ctot	Ntot	Ca	Mg	K	P
t/ha	t/ha	kg/ha	kg/ha	kg/ha	kg/ha
72.35	3.55	4944.88	726.04	67.5	437.28

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 (1)

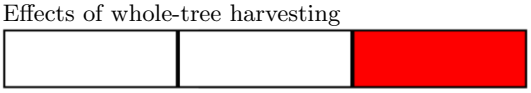
Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pHCaCl2
0-5	403.75	99.61	0.99	0.48	10.11	21.06	6.5
5-10	257.79	99.9	0.99	0.3	4.32	14.4	7.2
10-20	337.16	99.81	0.99	0.39	7.6	19.49	6.8
20-40	141.7	99.92	0.99	0.13	3	23.08	7.4
40-80	95.4	99.93	0.99	0.07	1.42	20.29	7.3



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

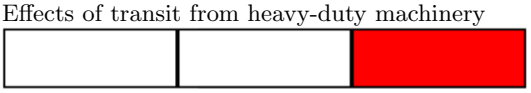
Effects of whole-tree harvesting



Strong negative effects

Compaction risk

Effects of transit from heavy-duty machinery



Locations at risk