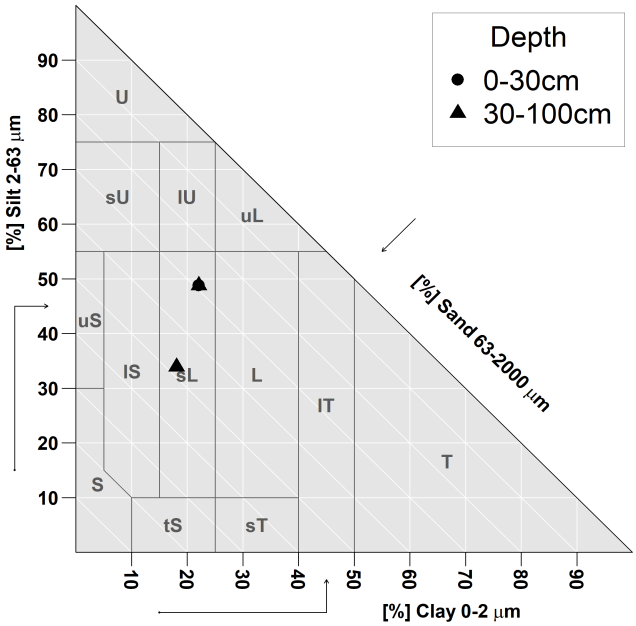
FxC0

Gravel, siliceous-carbonate rocks, intermediate clay minerals

Occurrence of substrate type

Area	38.33 km2
Percentage on total forest mapped area	0.79 %



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

Depth [cm]	Coarse fraction [%]	Field capacity [l/m2]
0-15	20 ± 20	51±
15-30	45 ± 30	
30-60	50 ± 30	
60-100	70 ± 30	

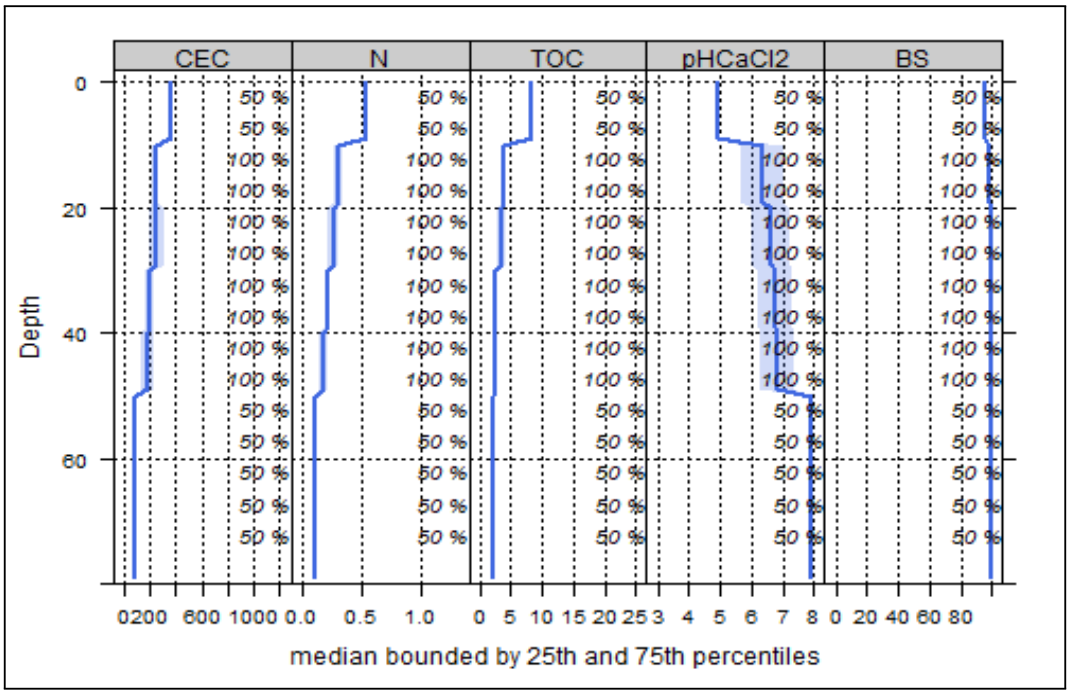
Carbon, nitrogen and nutrient stocks (1)

Ctot	Ntot	Ca	Mg	K	P
t/ha	t/ha	kg/ha	kg/ha	kg/ha	kg/ha
59.15	3.42	4134.43	445.1	57.25	348.62

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)

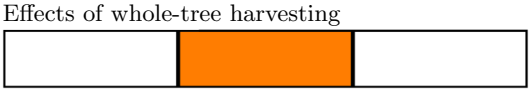
Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pHCaCl2
0-5	359.67	96.1	0.95	0.53	8.2	15.47	4.9
5-10	359.67	96.1	0.95	0.53	8.2	15.47	4.9
10-20	245.12	97.99	0.98	0.3	3.9	13	6.35
20-40	229.18	99.35	0.99	0.24	2.93	12.21	6.68
40-80	131.17	99.62	0.99	0.14	2.32	16.57	7.46



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