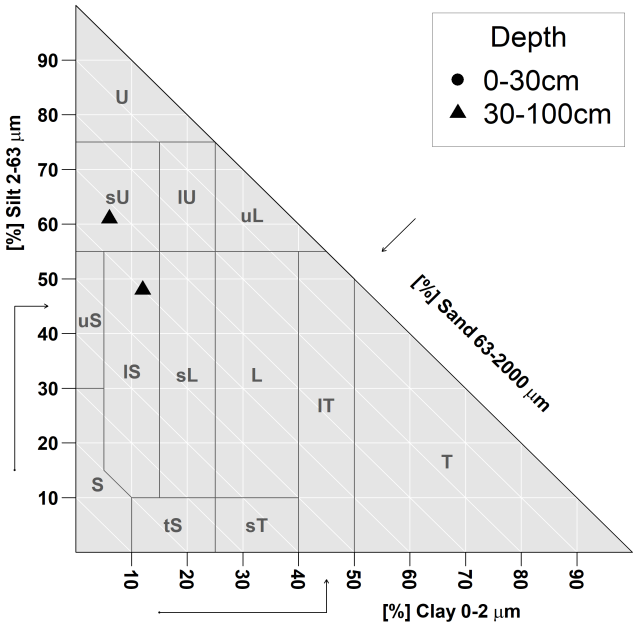
FxK0 Gravel, calcite, intermediate clay minerals

Occurrence of substrate type

Area	51.04 km2
Percentage on total forest mapped area	1.05 %

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

Depth [cm]	Coarse fraction [%]	Field capacity [l/m2]
0-15	40 ± 35	±
15-30	45 ± 35	
30-60	65 ± 30	
60-100	45 ± 40	



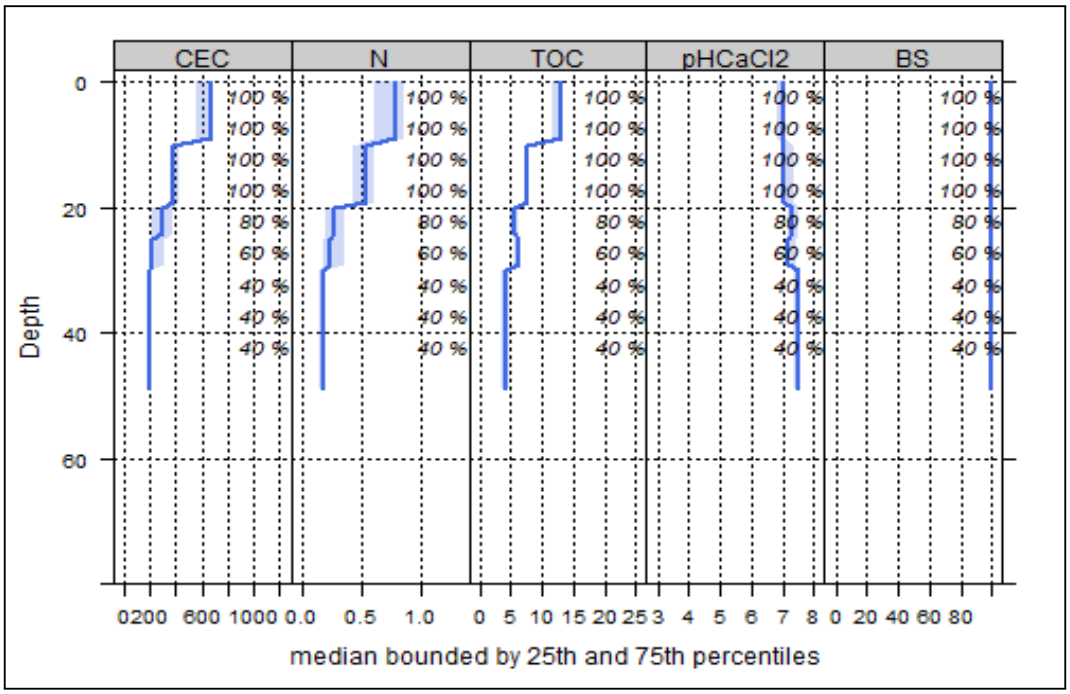
Carbon, nitrogen and nutrient stocks (0)

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 (5)

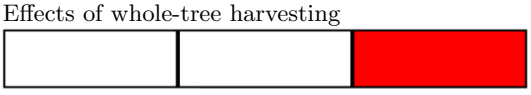
Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pHCaCl2
0-5	651.57	100	1	0.8	13.66	17.08	7.01
5-10	651.57	100	1	0.8	13.66	17.08	7.01
10-20	410.8	100	1	0.5	7.48	14.96	7.21
20-40	252.62	100	1	0.25	5.04	20.16	7.39
40-80	201.5	100	1	0.17	4.15	24.41	7.49



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

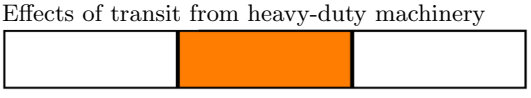
Effects of whole-tree harvesting



Strong negative effects

Compaction risk

Effects of transit from heavy-duty machinery



Occasionally critical