FxB0

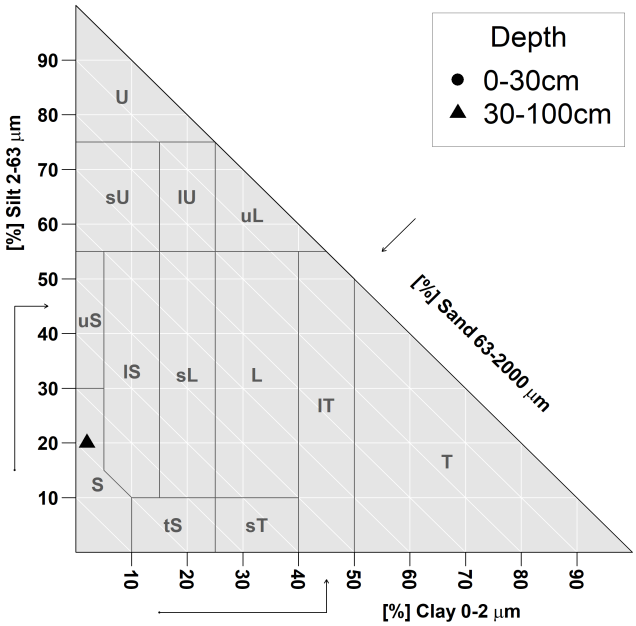
Gravel, mafic rocks, intermediate clay minerals

Occurrence of substrate type

Area	5.68 km2
Percentage on total forest mapped area	0.12 %

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

Depth [cm]	Coarse fraction [%]	Field capacity [l/m2]
0-15	25 ± 10	142±
15-30	45 ± 10	
30-60	55 ± 15	
60-100	65 ± 25	



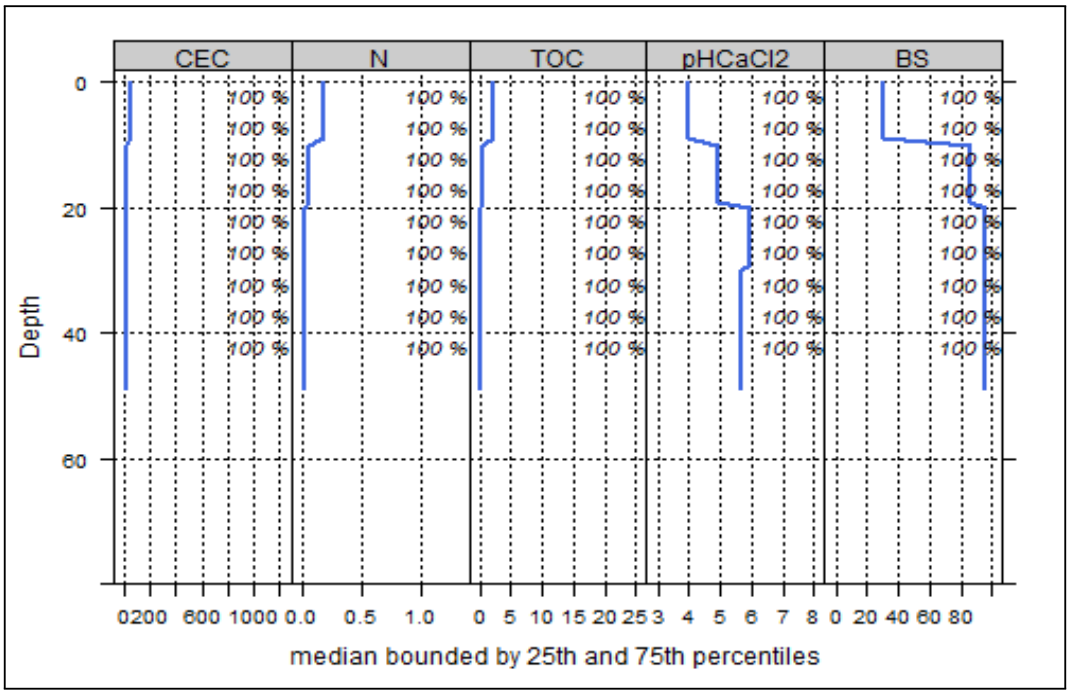
Carbon, nitrogen and nutrient stocks (0)

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 (1)

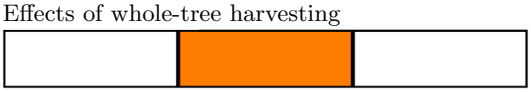
Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pHCaCl2
0-5	46.62	30.89	0.29	0.19	2.3	12.11	3.96
5-10	46.62	30.89	0.29	0.19	2.3	12.11	3.96
10-20	20.21	86.59	0.84	0.06	0.6	10	4.95
20-40	15.83	96.02	0.93	0.02	0.1	5	5.8
40-80	15.63	95.97	0.93	0.02	0.1	5	5.66



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

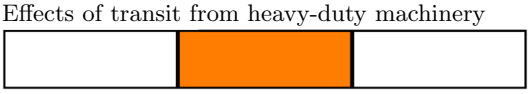
Effects of whole-tree harvesting



Intermediate negative effects

Compaction risk

Effects of transit from heavy-duty machinery



Occasionally critical