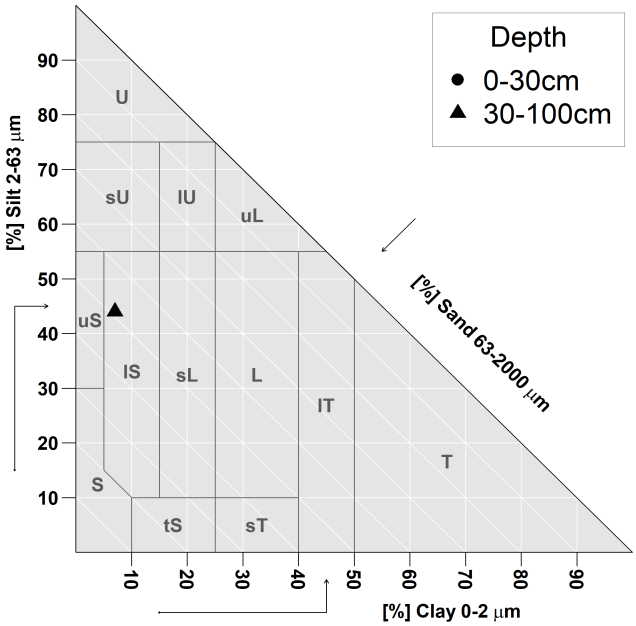
GdK- Debris, calcite, poor in clay minerals

Occurrence of substrate type

Area	73.63 km2
Percentage on total forest mapped area	1.51 %

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

Depth [cm]	Coarse fraction [%]	Field capacity [l/m2]
0-15	50 ± 30	±
15-30	70 ± 25	
30-60	80 ± 20	
60-100	85 ± 10	



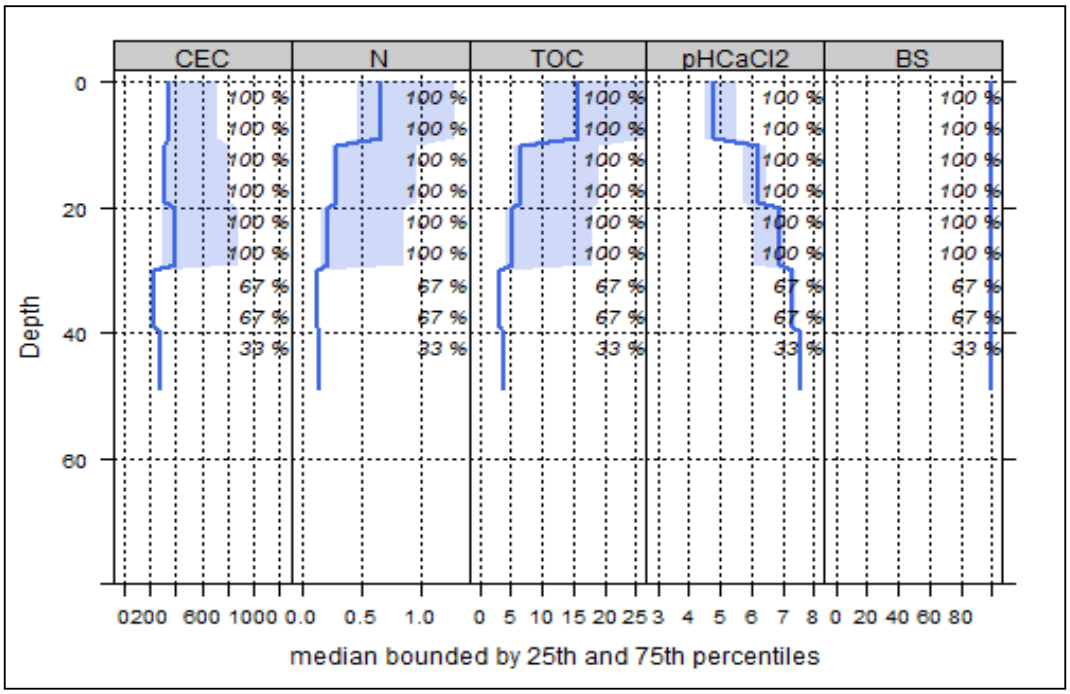
Carbon, nitrogen and nutrient stocks (0)

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 (3)

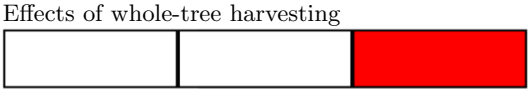
Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pHCaCl2
0-5	582.58	98.61	0.98	0.95	19.87	20.92	5.12
5-10	582.58	98.61	0.98	0.95	19.87	20.92	5.12
10-20	646.46	99.93	1	0.72	14.47	20.1	6.08
20-40	485.95	99.99	1	0.42	9.14	21.76	6.84
40-80	280	100	1	0.14	3.7	26.43	7.56



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

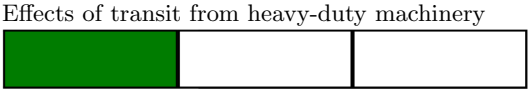
Effects of whole-tree harvesting



Strong negative effects

Compaction risk

Effects of transit from heavy-duty machinery



Minor negative effects