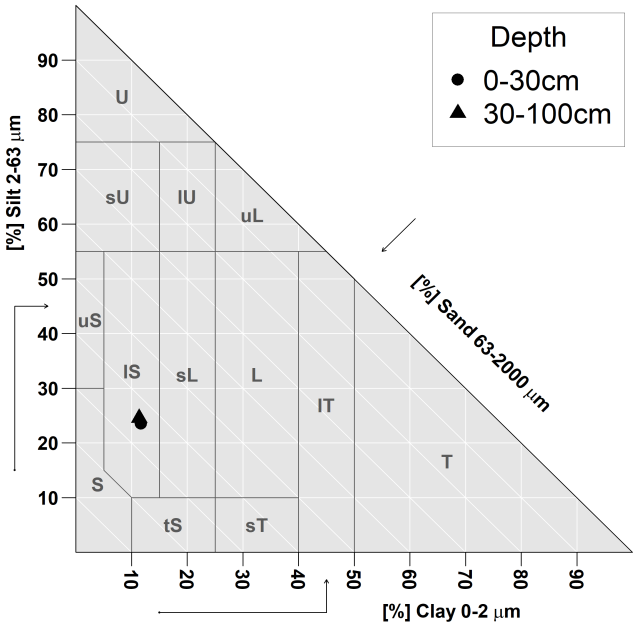
TxB- Moraine, mafic rocks, poor in clay minerals

Occurrence of substrate type

Area	0.72 km2
Percentage on total forest mapped area	0.01 %

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

Depth [cm]	Coarse fraction [%]	Field capacity [l/m2]
0-15	15 ± 0	143±
15-30	20 ± 5	
30-60	30 ± 0	
60-100	60 ± 0	



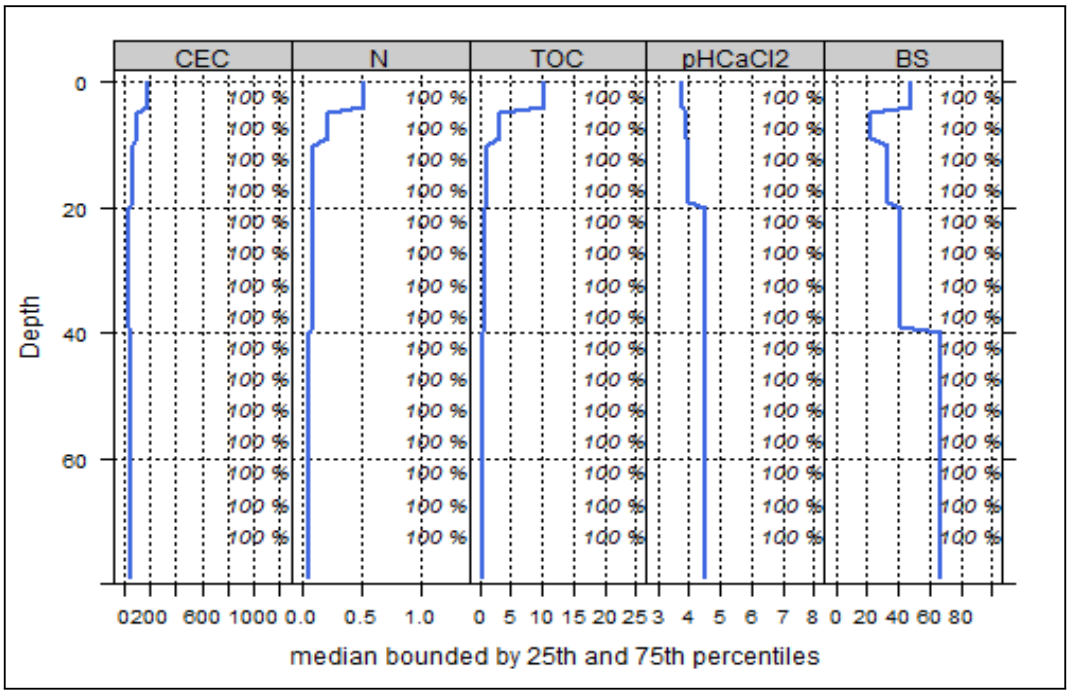
Carbon, nitrogen and nutrient stocks (1)

Ctot	Ntot	Ca	Mg	K	P
t/ha	t/ha	kg/ha	kg/ha	kg/ha	kg/ha
87.03	7.08	1995.51	1169	537.7	3774.77

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)

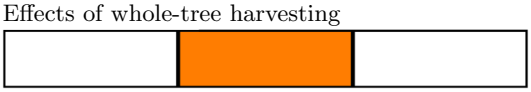
Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pHCaCl2
0-5	186.59	47.52	0.42	0.52	10.15	19.52	3.8
5-10	99.19	22.59	0.19	0.22	3.25	14.77	3.9
10-20	68.58	33.14	0.29	0.1	1.08	10.8	4
20-40	45.78	41.74	0.37	0.09	0.84	9.33	4.5
40-80	53.23	66.62	0.61	0.07	0.51	7.29	4.5



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

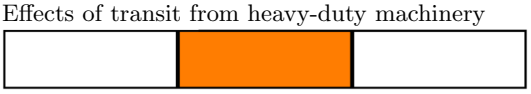
Effects of whole-tree harvesting



Intermediate negative effects

Compaction risk

Effects of transit from heavy-duty machinery



Occasionally critical