SxK+ Solid rock, calcite, rich in clay minerals

Occurrence of substrate type

Area	81.38 km2
Percentage on total forest mapped area	1.67 %

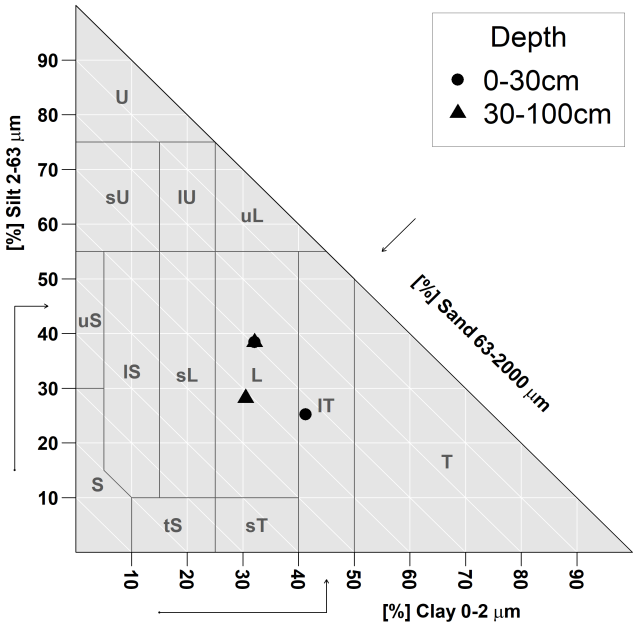
Physical soil properties-
mean values according to field description (1)

Depth [cm]	Coarse fraction [%]	Field capacity [l/m2]
0-15	25 ± 25	86±
15-30	40 ± 30	
30-60	50 ± 30	
60-100	65 ± 25	

Carbon, nitrogen and nutrient stocks (1)

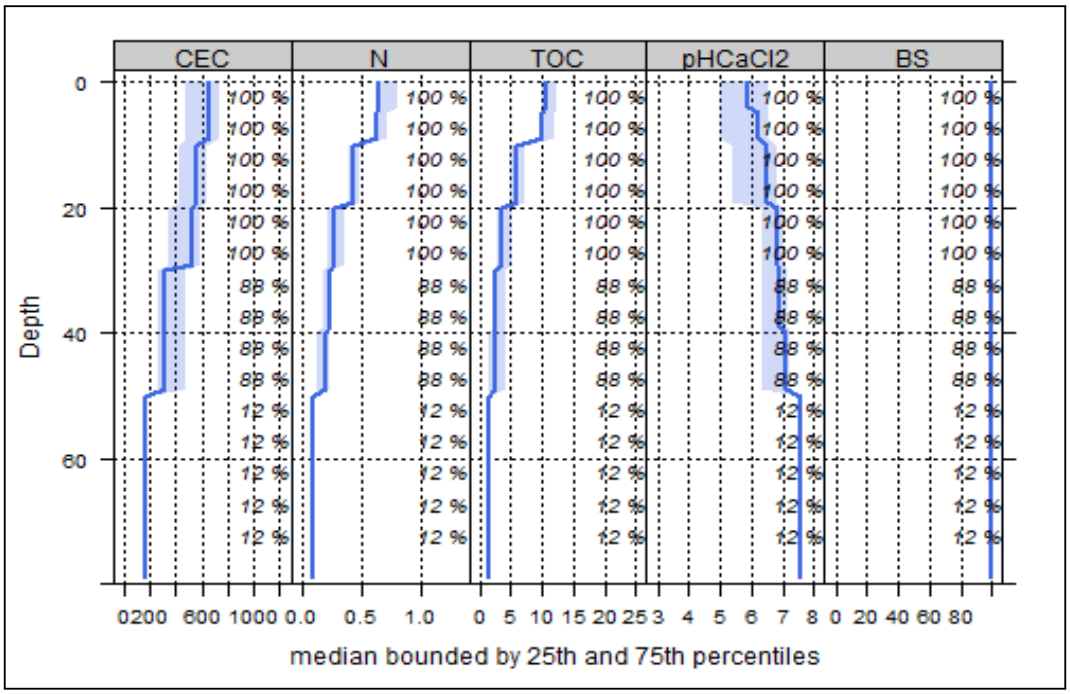
Ctot	Ntot	Ca	Mg	K	P
t/ha	t/ha	kg/ha	kg/ha	kg/ha	kg/ha
140.38	9.31	13672.01	99.44	166.13	1200.35

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 (8)

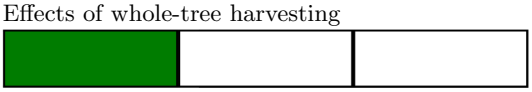
Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pHCaCl2
0-5	631.96	98.79	0.98	0.7	11.96	17.09	5.75
5-10	632.77	98.86	0.98	0.68	11.63	17.1	5.84
10-20	522.65	98.93	0.98	0.43	6.48	15.07	6.15
20-40	422.66	98.93	0.98	0.27	3.59	13.3	6.51
40-80	300.06	99.58	0.99	0.18	2.39	13.28	6.96



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

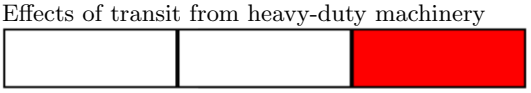
Effects of whole-tree harvesting



Minor negative effects

Compaction risk

Effects of transit from heavy-duty machinery



Locations at risk