

GdK+

Debris, calcite, rich in clay minerals

Occurrence of substrate type

Area	14.31 km2
Percentage on total forest mapped area	0.29 %

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

Depth [cm]	Coarse fraction [%]	Field capacity [l/m2]
0-15	25 ± 20	±
15-30	35 ± 25	
30-60	55 ± 25	
60-100	70 ± 25	

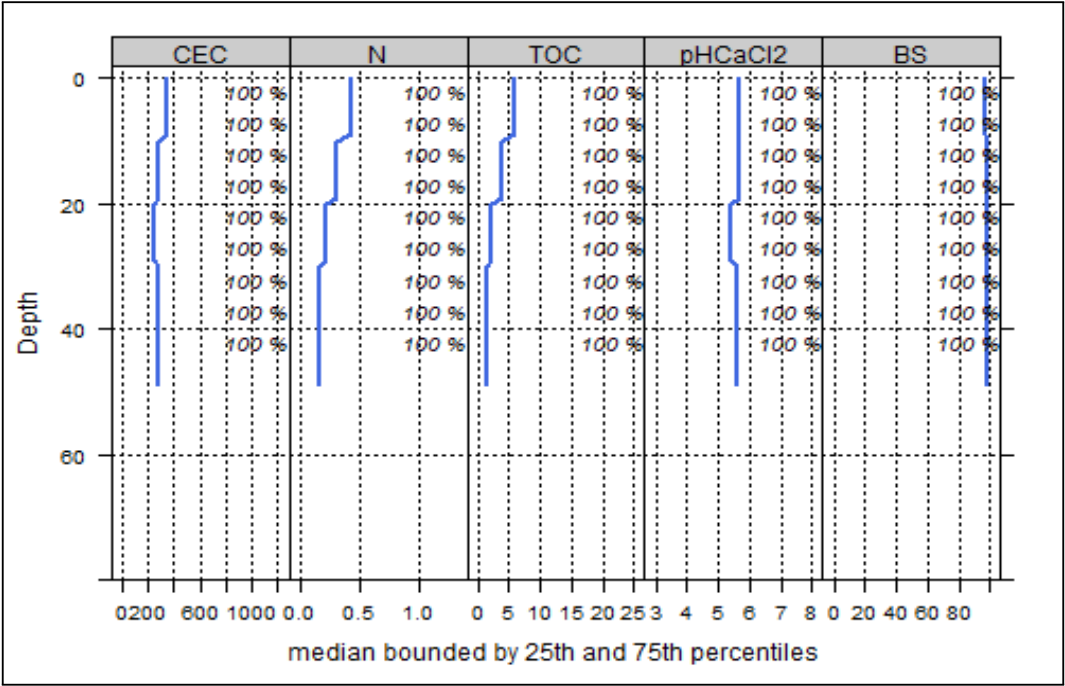
Carbon, nitrogen and nutrient stocks (0)

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	pH <sub>CaCl2</sub>
0-5	346.37	97.05	0.96	0.43	5.8	13.49	5.7
5-10	346.37	97.05	0.96	0.43	5.8	13.49	5.7
10-20	282.66	98.07	0.97	0.3	3.8	12.67	5.7
20-40	269.44	98.11	0.97	0.2	1.75	8.75	5.5
40-80	281.38	97.92	0.97	0.17	1.4	8.24	5.6



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



Occasionally critical