

Occurrence of substrate type

Area	6.44 km ²
Percentage on total forest mapped area	0.13 %

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

Depth [cm]	Coarse fraction [%]	Field capacity [l/m ²]
0-15	25 ± 20	±
15-30	35 ± 30	
30-60	55 ± 25	
60-100	85 ± 10	

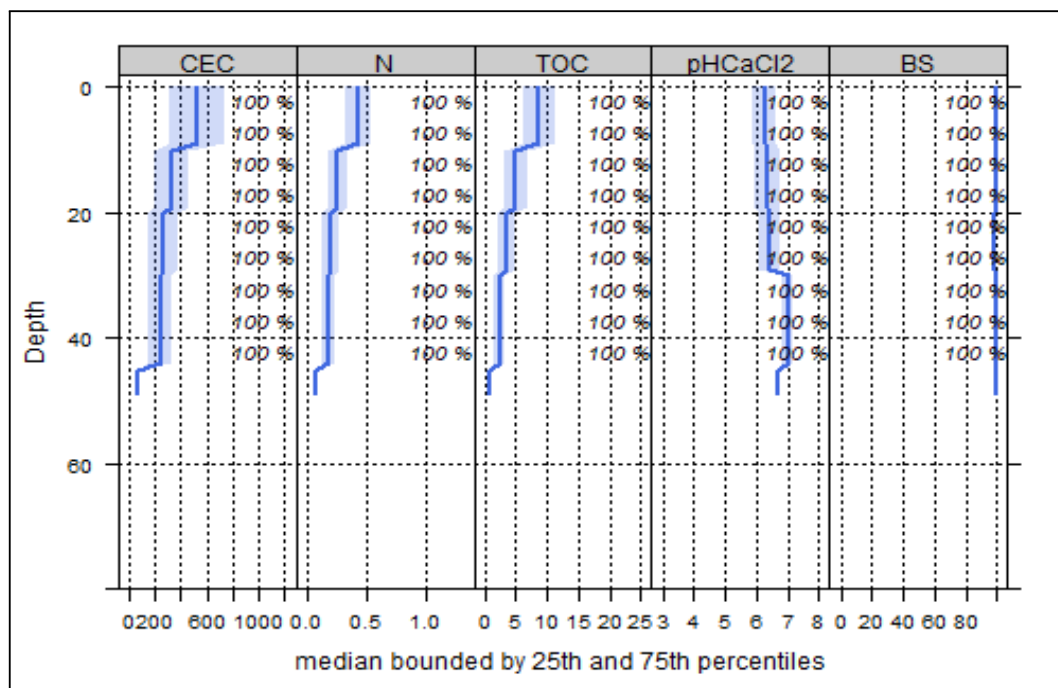
Carbon, nitrogen and nutrient stocks (0)

C _{tot}	N _{tot}	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 (2)

Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	N _{tot} [%]	TOC [%]	C/N	pH _{CaCl2}
0-5	525.58	99.1	0.98	0.42	8.75	20.83	6.25
5-10	525.58	99.1	0.98	0.42	8.75	20.83	6.25
10-20	327.47	98.97	0.98	0.26	4.9	18.85	6.35
20-40	257.2	99.41	0.99	0.19	2.98	15.68	6.7
40-80	186.59	100	1	0.15	1.8	12	6.9

**Biomass use**

Effects of whole-tree harvesting



Intermediate negative effects

Compaction risk

Effects of transit from heavy-duty machinery



Occasionally critical