

FxK-

Gravel, calcite, poor in clay minerals

Occurrence of substrate type

Area	33.82 km ²
Percentage on total forest mapped area	0.7 %

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

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

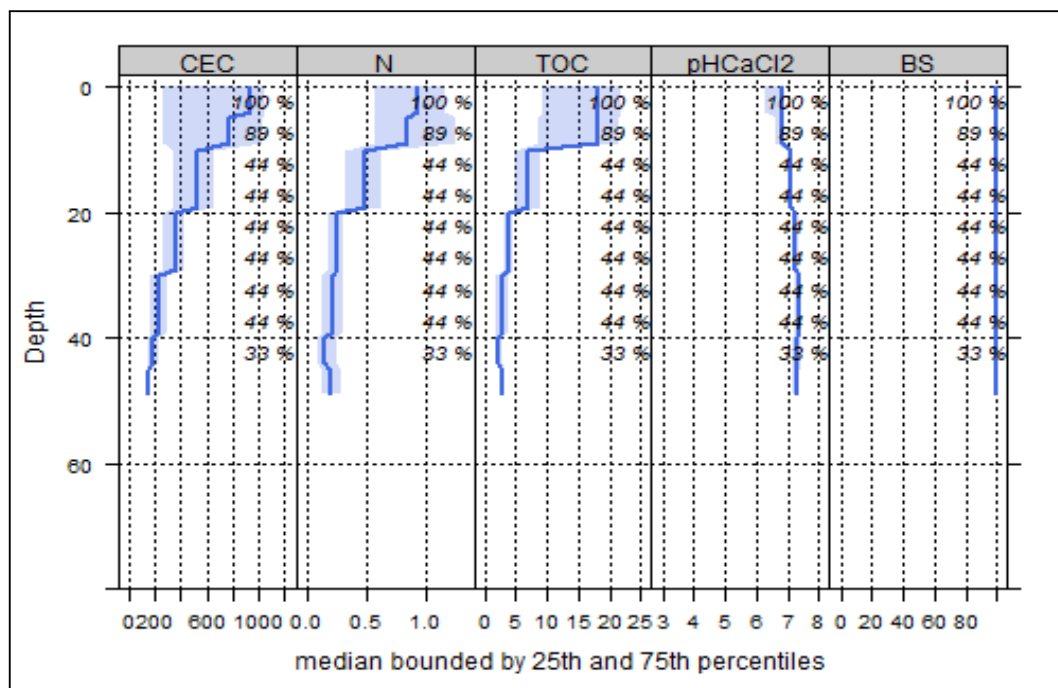
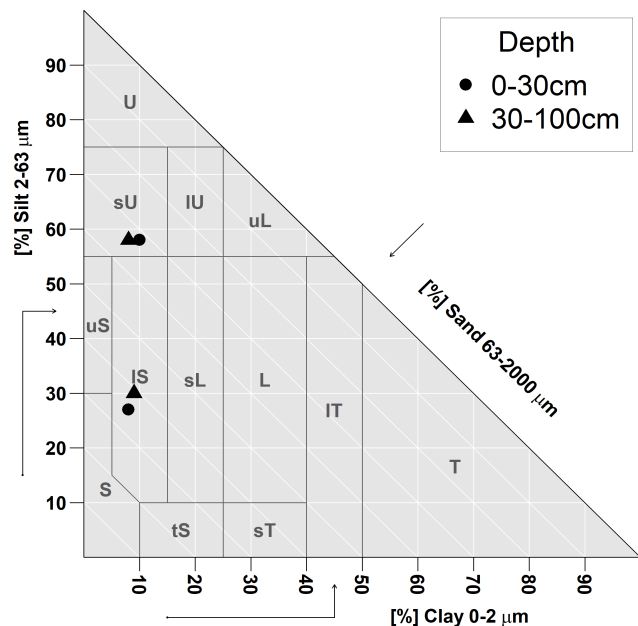
Carbon, nitrogen and nutrient stocks (0)

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 (9)

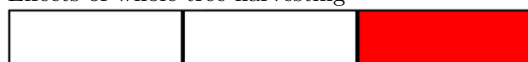
Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	N _{tot} [%]	TOC [%]	C/N	pH _{CaCl2}
0-5	764.4	99.94	1	0.96	17.69	18.43	6.59
5-10	728.66	99.94	1	0.94	17.15	18.24	6.64
10-20	491.29	100	1	0.46	6.82	14.83	7.13
20-40	280.49	100	1	0.22	3.39	15.41	7.3
40-80	172.82	100	1	0.19	2.6	13.68	7.27



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