

GdD0

Debris, dolomite, intermediate clay minerals

Occurrence of substrate type

Area	13.48 km ²
Percentage on total forest mapped area	0.28 %

Physical soil properties-mean values according to field description (3)

Depth [cm]	Coarse fraction [%]	Field capacity [l/m ²]
0-15	45 ± 30	81 ± 54
15-30	55 ± 20	
30-60	65 ± 25	
60-100	80 ± 20	

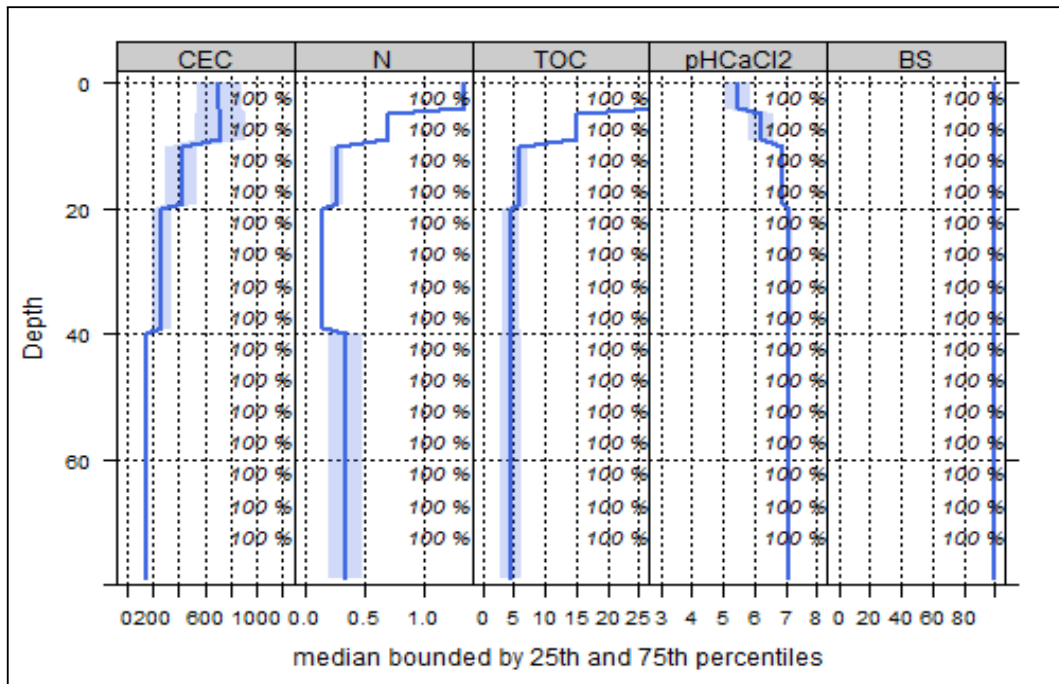
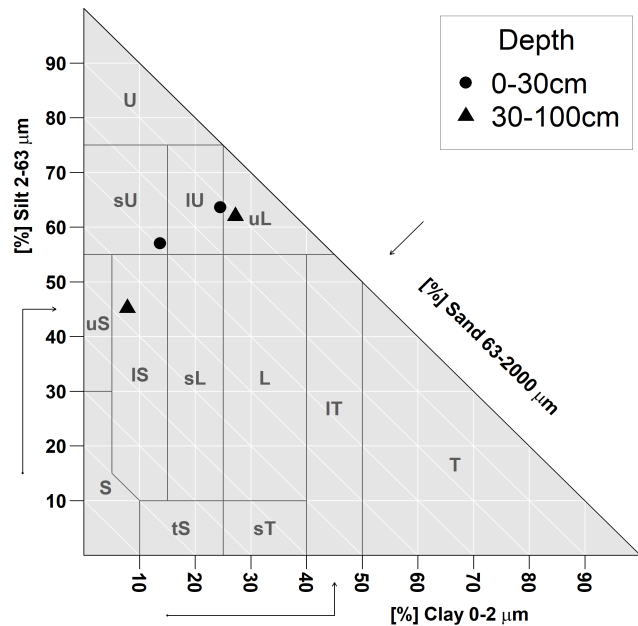
Carbon, nitrogen and nutrient stocks (2)

C _{tot}	N _{tot}	Ca	Mg	K	P
t/ha	t/ha	kg/ha	kg/ha	kg/ha	kg/ha
124.92	5.39	5922.77	1406.48	103.24	675.29

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 (3)

Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	N _{tot} [%]	TOC [%]	C/N	pH _{CaCl2}
0-5	713.53	99.8	0.99	1.33	29.12	21.89	5.5
5-10	718.67	99.8	1	0.69	15.21	22.04	6.19
10-20	422.97	99.89	1	0.27	6.02	22.3	6.89
20-40	269.91	99.88	1	0.15	4.51	30.07	7.12
40-80	145.48	99.83	0.99	0.34	4.63	13.62	7.07



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