

GdD-

Debris, dolomite, poor in clay minerals

Occurrence of substrate type

Area	109.06 km ²
Percentage on total forest mapped area	2.24 %

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

Depth [cm]	Coarse fraction [%]	Field capacity [l/m ²]
0-15	55 ± 30	47 ±
15-30	80 ± 20	
30-60	85 ± 15	
60-100	90 ± 5	

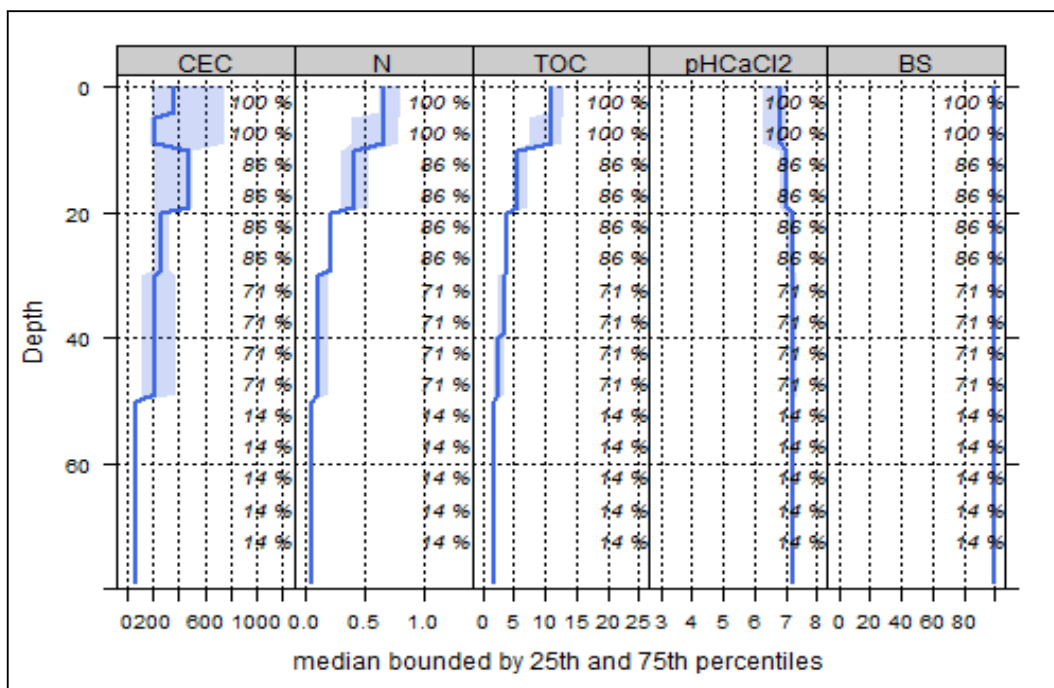
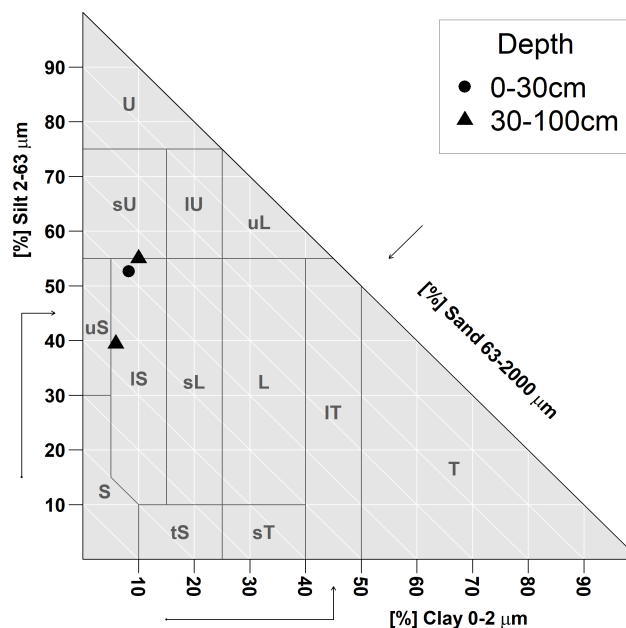
Carbon, nitrogen and nutrient stocks (1)

C _{tot}	N _{tot}	Ca	Mg	K	P
t/ha	t/ha	kg/ha	kg/ha	kg/ha	kg/ha
55.75	2.27	2515.89	394.16	51.94	556.3

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 (7)

Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	N _{tot} [%]	TOC [%]	C/N	pH _{CaCl2}
0-5	526.24	98.25	0.97	0.71	12.47	17.56	6.45
5-10	500.44	98.25	0.97	0.64	11.51	17.98	6.47
10-20	425.03	99.58	0.99	0.43	6.76	15.72	6.72
20-40	298.89	99.97	0.99	0.22	4.28	19.45	7.18
40-80	191.2	99.94	0.99	0.13	2.72	20.92	7.24



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



Intermediate negative effects

Compaction risk

Effects of transit from heavy-duty machinery



Minor negative effects