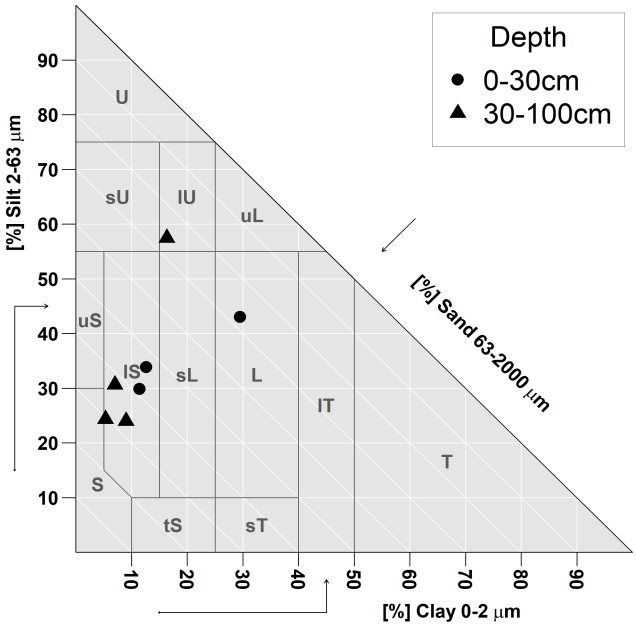
GdM0 — Debris, carbonate-siliceous rocks, intermediate clay minerals

Occurrence of substrate type

Area	38.15 km2
Percentage on total forest mapped area	0.78 %

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

Depth [cm]	Coarse fraction [%]	Field capacity [l/m2]
0-15	20 ± 20	96 ± 20
15-30	35 ± 25	
30-60	50 ± 30	
60-100	75 ± 20	



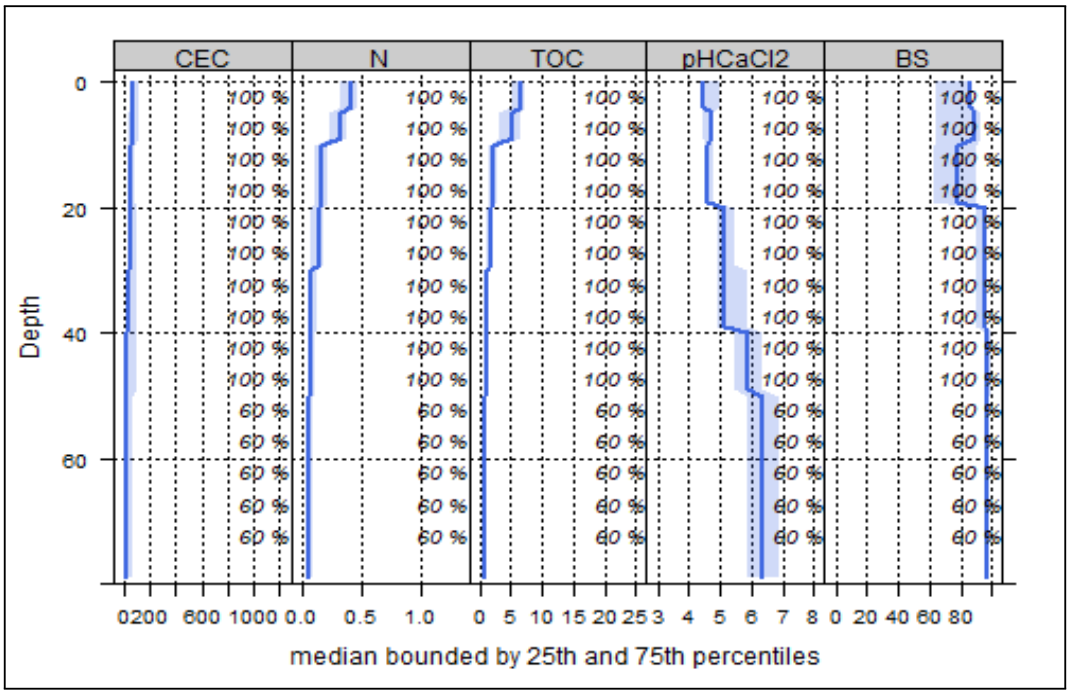
Carbon, nitrogen and nutrient stocks (3)

Ctot	Ntot	Ca	Mg	K	P
t/ha	t/ha	kg/ha	kg/ha	kg/ha	kg/ha
83.57	5.19	3566.58	576.35	145.35	1322.29

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 (5)

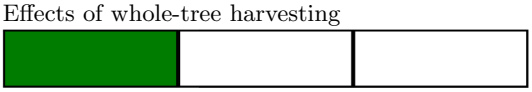
Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pHCaCl2
0-5	113.25	76.28	0.72	0.37	6.2	16.76	4.56
5-10	107.03	77.26	0.74	0.29	4.93	17	4.67
10-20	73.43	75.38	0.72	0.18	2.67	14.83	4.9
20-40	69.95	86.04	0.81	0.13	1.75	13.46	5.51
40-80	49.21	93.61	0.82	0.08	0.86	10.75	6.25



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

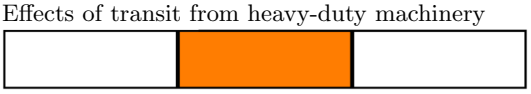
Effects of whole-tree harvesting



Minor negative effects

Compaction risk

Effects of transit from heavy-duty machinery



Occasionally critical