

F_xM-

Gravel, carbonate-siliceous rocks, poor in clay minerals

Occurrence of substrate type

Area	9.87 km ²
Percentage on total forest mapped area	0.2 %

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

Depth [cm]	Coarse fraction [%]	Field capacity [l/m ²]
0-15	30 ± 20	111 ±
15-30	40 ± 15	
30-60	45 ± 20	
60-100	60 ± 30	

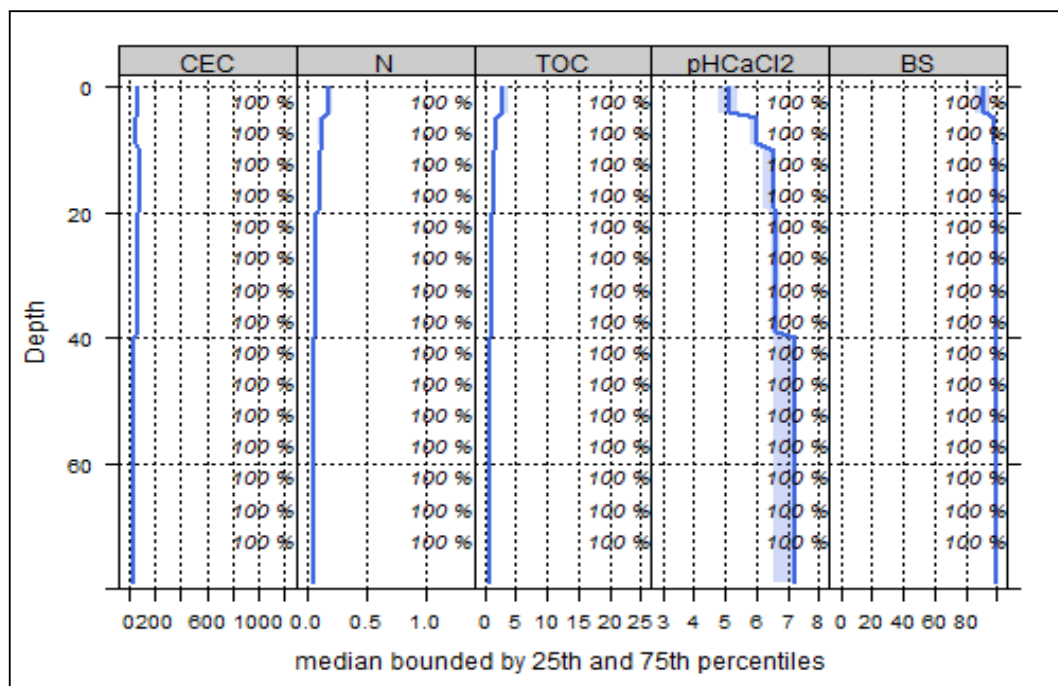
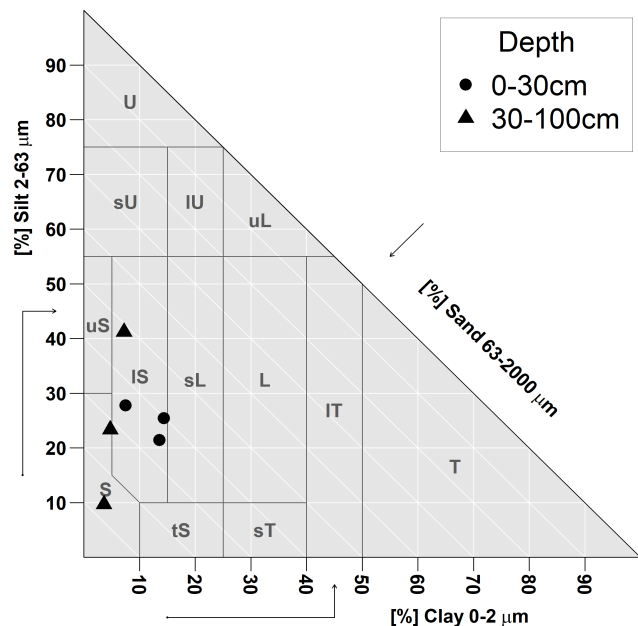
Carbon, nitrogen and nutrient stocks (3)

C _{tot}	N _{tot}	Ca	Mg	K	P
t/ha	t/ha	kg/ha	kg/ha	kg/ha	kg/ha
69.59	5.24	5541.5	939.73	290.46	4052.15

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)

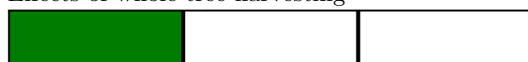
Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	N _{tot} [%]	TOC [%]	C/N	pH _{CaCl2}
0-5	67.39	90.53	0.87	0.19	3.12	16.42	5.1
5-10	65.8	97.98	0.95	0.11	1.65	15	5.88
10-20	79.46	98.23	0.96	0.12	1.48	12.33	6.38
20-40	67.9	99.09	0.97	0.09	0.89	9.89	6.65
40-80	44.45	98.91	0.95	0.05	0.72	14.4	6.82



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



Minor negative effects