

# GbK-

gravitative boulder deposits, calcite, pure

## General parameters

Area	14.47 km <sup>2</sup>
Percentage on total forest mapped area	0.3 %

## Physics - mean values of all considered profiles (5)

Depth [cm]	Coarse fraction [%]	Field capacity [l/m <sup>2</sup> ]
0-15	70 ± 20	17 ± 15
15-30	75 ± 20	
30-60	75 ± 10	
60-100	±	

## Chemistry - stock of available profiles (1)

Ctot	Ntot	Ca	Mg	K	P
t/ha	t/ha	kg/ha	kg/ha	kg/ha	kg/ha
128.36	5.47	3818.17	167.62	44.52	287.94

All stock values, 0-80 cm including humus layers (F,H), are short term available, except for phosphorus, which has long term availability

## Chemistry - mean values of all considered profiles (1)

Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pH <sub>CaCl2</sub>
0-5	343.46	94.02	0.91	2.22	47.42	21.36	3.48
5-10	399.19	94.5	0.93	2.04	47.55	23.31	4.12
10-20	393.89	95.23	0.94	2.02	46.97	23.25	3.62
20-40	562.44	99.9	0.99	0.93	21.98	23.63	6.11
40-80	530.39	99.53	0.99	0.87	21.14	24.3	5.31

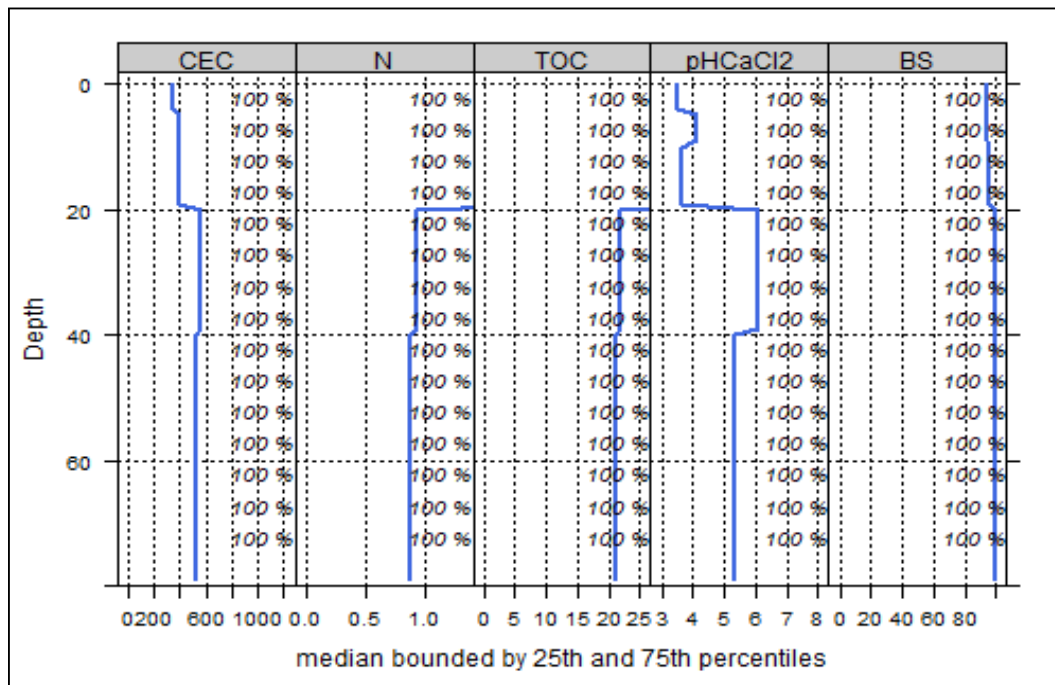
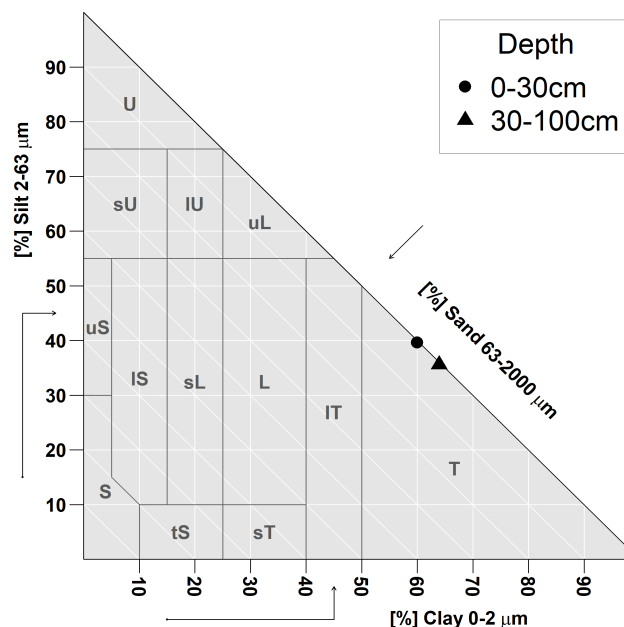


Figure 1: Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (mmol/kg), nitrogen (%), total organic carbon (%), pH and base saturation (%). The percentage values indicate how many profiles contribute to the median calculation at each depth step.

## Biomass use

Effects of whole-tree harvesting



Minor negative effects

## Compaction risk

Effects of the transit of heavy-duty machinery



Minor negative effects