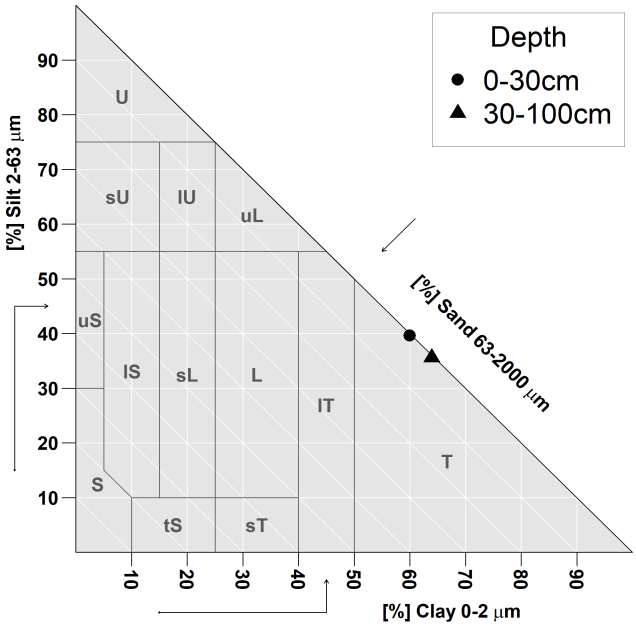
# GbK- Boulders, calcite, poor in clay minerals

**Occurrence of substrate type**

| | |
|---|---|
| Area | 14.47 km2 |
| Percentage on total forest mapped area | 0.3 % |

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

| Depth [cm] | Coarse fraction [%] | Field capacity [l/m2] |
|---|---|---|
| 0-15 | 60 ± 25 | 92± |
| 15-30 | 65 ± 25 | |
| 30-60 | 75 ± 10 | |
| 60-100 | 80 ± 0 | |



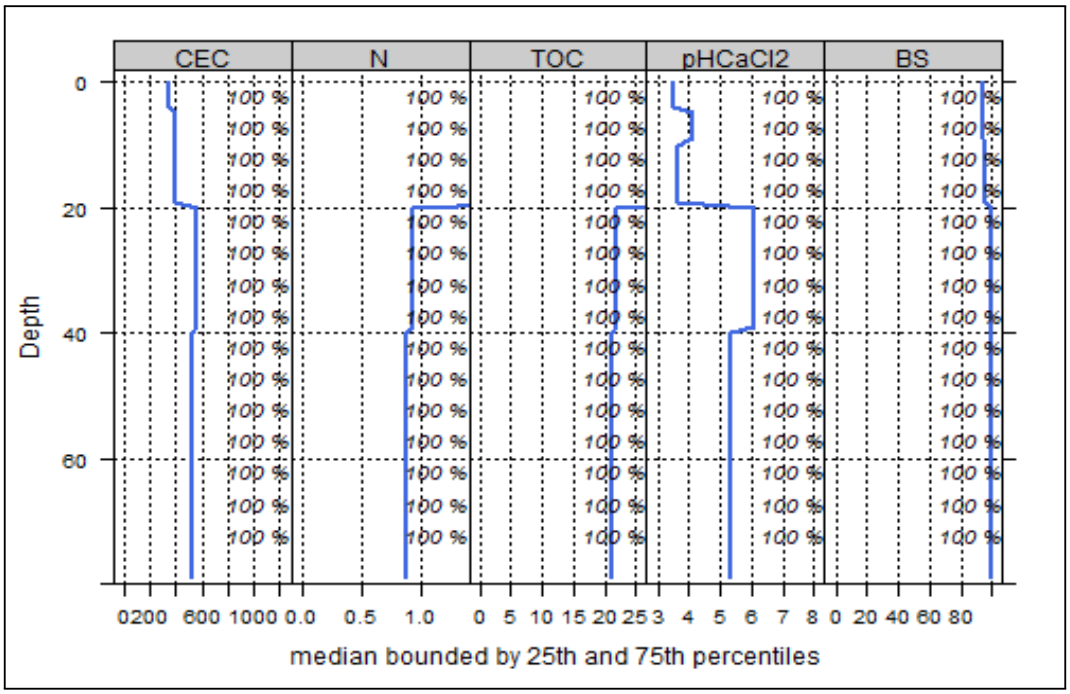

**Carbon, nitrogen and nutrient stocks (1)**

| Ctot | Ntot | Ca | Mg | K | P |
|---|---|---|---|---|---|
| t/ha | t/ha | kg/ha | kg/ha | kg/ha | kg/ha |
| 294.13 | 12.38 | 8262.41 | 299.95 | 158.33 | 670.17 |

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 (1)**

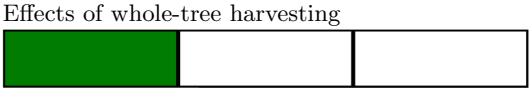
| Depth [cm] | CEC [mmol/kg] | Base Saturation [%] | (Mg+Ca)/CEC | Ntot [%] | TOC [%] | C/N | pHCaCl2 |
|---|---|---|---|---|---|---|---|
| 0-5 | 343.46 | 94.02 | 0.91 | 2.22 | 47.42 | 21.36 | 3.48 |
| 5-10 | 399.19 | 94.5 | 0.93 | 2.04 | 47.55 | 23.31 | 4.12 |
| 10-20 | 393.89 | 95.23 | 0.94 | 2.02 | 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 |




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

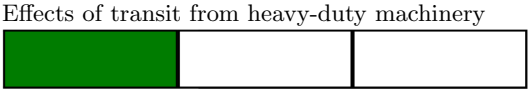
Effects of whole-tree harvesting



Minor negative effects

## Compaction risk

Effects of transit from heavy-duty machinery



Minor negative effects