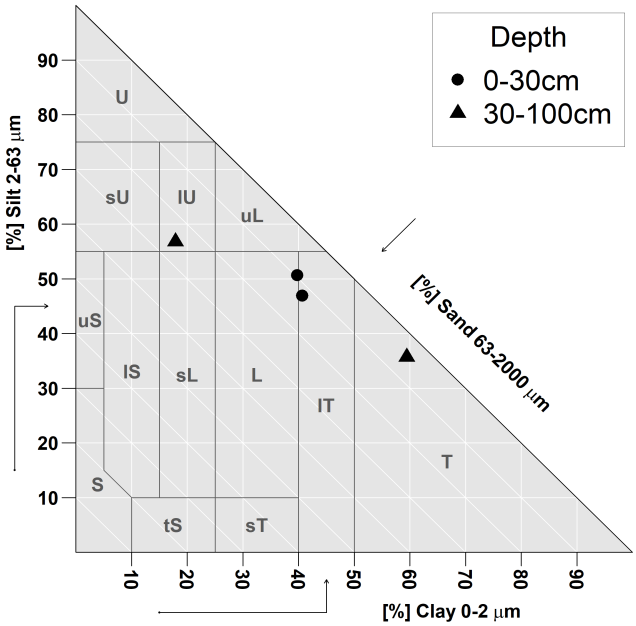
# SxC+ Solid rock, siliceous-carbonate rocks, rich in clay minerals

**Occurrence of substrate type**

| | |
|---|---|
| Area | 112.2 km2 |
| Percentage on total forest mapped area | 2.31 % |

**Physical soil properties-**
**mean values according to field description (2)**

| Depth [cm] | Coarse fraction [%] | Field capacity [l/m2] |
|---|---|---|
| 0-15 | 15 ± 25 | 110 ± 20 |
| 15-30 | 20 ± 25 | |
| 30-60 | 30 ± 35 | |
| 60-100 | 40 ± 40 | |



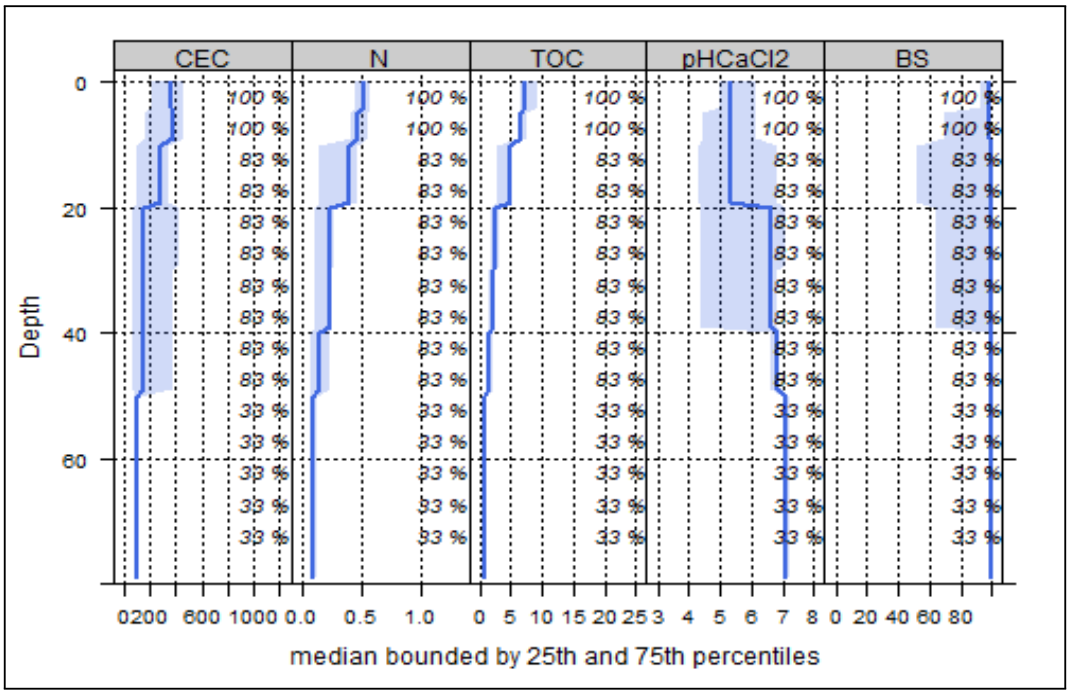

**Carbon, nitrogen and nutrient stocks (2)**

| Ctot | Ntot | Ca | Mg | K | P |
|---|---|---|---|---|---|
| t/ha | t/ha | kg/ha | kg/ha | kg/ha | kg/ha |
| 160.51 | 12.22 | 10589.66 | 2066.63 | 321.61 | 1751.94 |

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 (6)**

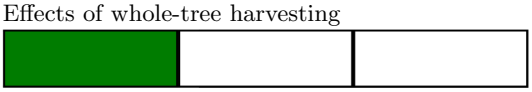
| Depth [cm] | CEC [mmol/kg] | Base Saturation [%] | (Mg+Ca)/CEC | Ntot [%] | TOC [%] | C/N | pHCaCl2 |
|---|---|---|---|---|---|---|---|
| 0-5 | 357.51 | 89.49 | 0.88 | 0.52 | 8.32 | 16 | 5.37 |
| 5-10 | 353.64 | 84.33 | 0.83 | 0.51 | 8.25 | 16.18 | 5.28 |
| 10-20 | 272.68 | 72.82 | 0.72 | 0.31 | 4.14 | 13.35 | 5.37 |
| 20-40 | 232.48 | 75.86 | 0.74 | 0.2 | 2.23 | 11.15 | 5.84 |
| 40-80 | 156.4 | 91.82 | 0.9 | 0.12 | 1.06 | 8.83 | 6.76 |




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

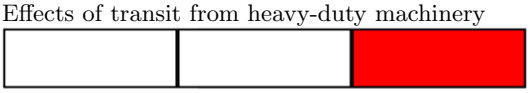
Effects of whole-tree harvesting



Minor negative effects

## Compaction risk

Effects of transit from heavy-duty machinery



Locations at risk