

# SxK+

solid bedrock, calcite, highly impure

## General parameters

|  |                       |
|--|-----------------------|
| Area                                   | 81.38 km <sup>2</sup> |
| Percentage of total forest mapped area | 1.67 %                |

## Physics - mean values of profiles (38)

| Depth [cm] | Coarse fraction [%] | PAWC [dm <sup>3</sup> /m <sup>2</sup> ] |
|------------|---------------------|---|
| 0-15       | 25 ± 25             | 73 ± 41                                 |
| 15-30      | 40 ± 30             |   |
| 30-60      | 50 ± 30             |   |
| 60-100     | 65 ± 25             |   |

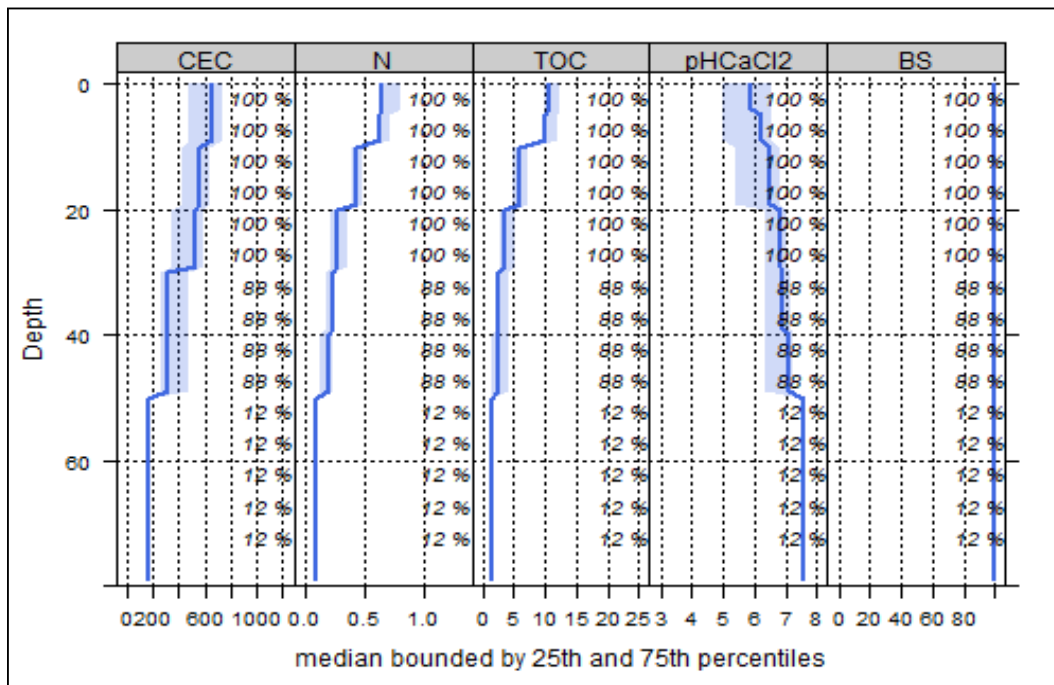
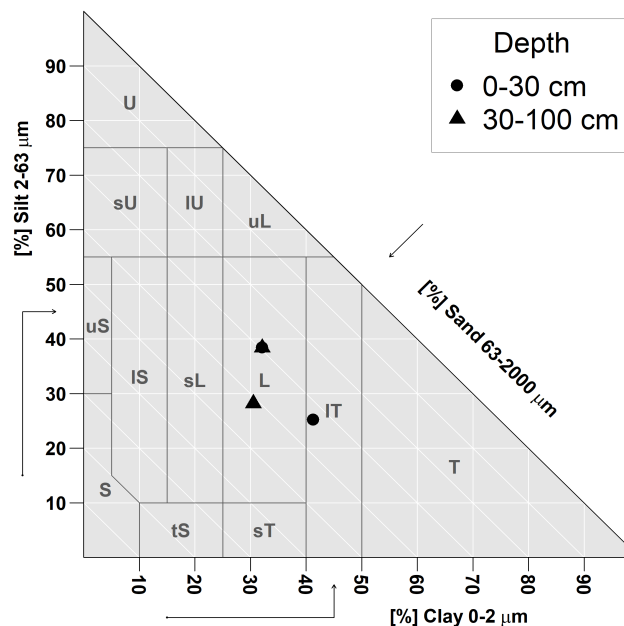
## Chemistry - mean stocks of profiles (1)

| Ctot   | Ntot | Ca      | Mg    | K      | P      |
|--------|------|---------|-------|--------|--------|
| t/ha   | t/ha | kg/ha   | kg/ha | kg/ha  | kg/ha  |
| 166.68 | 8.67 | 13411.2 | 82.75 | 150.89 | 1164.3 |

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

## Chemistry - mean values of profiles (8)

| Depth [cm] | CEC [mmol/kg] | Base Saturation [%] | (Mg+Ca)/CEC | Ntot [%] | TOC [%] | C/N   | pH <sub>CaCl2</sub> |
|------------|---------------|---------------------|-------------|----------|---------|-------|---------------------|
| 0-5        | 631.96        | 98.79               | 0.98        | 0.7      | 11.96   | 17.09 | 5.75                |
| 5-10       | 632.77        | 98.86               | 0.98        | 0.68     | 11.63   | 17.1  | 5.84                |
| 10-20      | 522.65        | 98.93               | 0.98        | 0.43     | 6.48    | 15.07 | 6.15                |
| 20-40      | 422.66        | 98.93               | 0.98        | 0.27     | 3.59    | 13.3  | 6.51                |
| 40-80      | 300.06        | 99.58               | 0.99        | 0.18     | 2.39    | 13.28 | 6.96                |



Depth graph of median chemical properties. Shaded area: 25-75% percentiles; CEC: cation exchange capacity (mmol/kg); N: nitrogen (%); TOC: total organic carbon (%); pH<sub>CaCl2</sub>: ph value in CaCl<sub>2</sub> solution; BS: base saturation (%); right-hand y-axis= percentage of profiles used in the calculation

## Biomass use

Effects of whole-tree harvesting



Minor negative effects

## Compaction risk

Effects of the transit of heavy machinery



Locations at risk