# FxC0

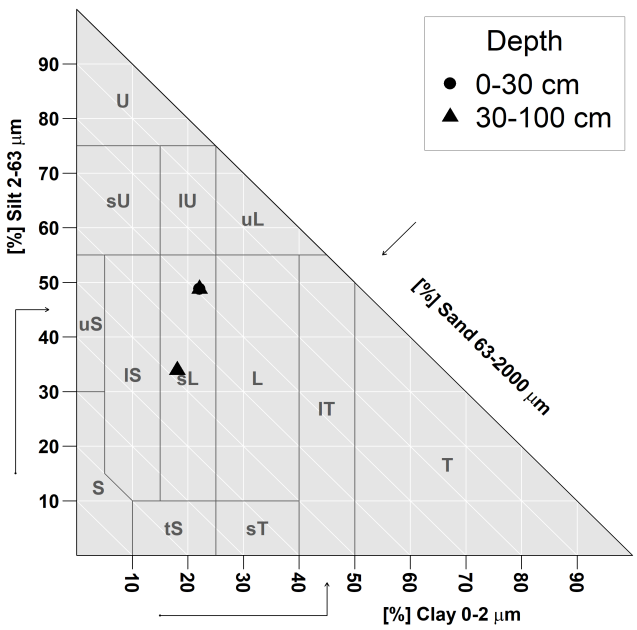
## fluvial coarse deposits, siliceous-calcareous rocks, impure

## General parameters

| | |
|---|---|
| Area | 38.33 km2 |
| Percentage of total forest mapped area | 0.79 % |

### Physics - mean values of profiles (11)

| Depth [cm] | Coarse fraction [%] | PAWC [$dm^3/m^2$] |
|---|---|---|
| 0-15 | 20 ± 20 | 92 ± 49 |
| 15-30 | 45 ± 30 | |
| 30-60 | 50 ± 30 | |
| 60-100 | 70 ± 30 | |



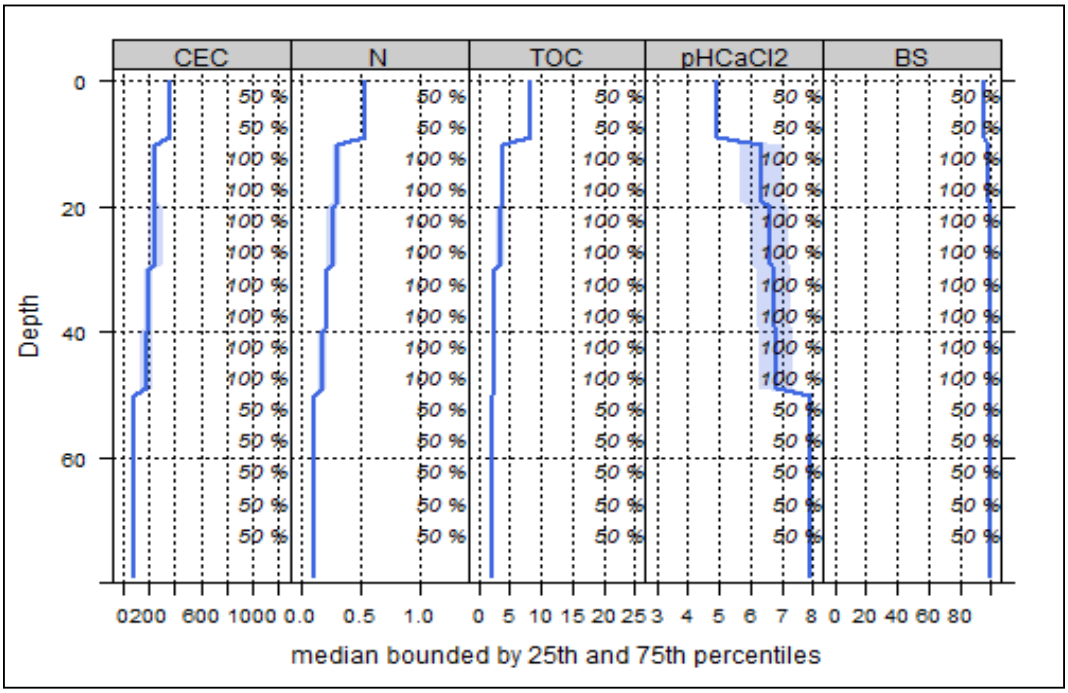

### Chemistry - mean stocks of profiles (1)

| Ctot | Ntot | Ca | Mg | K | P |
|---|---|---|---|---|---|
| t/ha | t/ha | kg/ha | kg/ha | kg/ha | kg/ha |
| 100.76 | 3.14 | 3993.62 | 430.93 | 49.16 | 334.51 |

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 (2)

| Depth [cm] | CEC [mmol/kg] | Base Saturation [%] | (Mg+Ca)/CEC | Ntot [%] | TOC [%] | C/N | pHCaCl2 |
|---|---|---|---|---|---|---|---|
| 0-5 | 359.67 | 96.1 | 0.95 | 0.53 | 8.2 | 15.47 | 4.9 |
| 5-10 | 359.67 | 96.1 | 0.95 | 0.53 | 8.2 | 15.47 | 4.9 |
| 10-20 | 245.12 | 97.99 | 0.98 | 0.3 | 3.9 | 13 | 6.35 |
| 20-40 | 229.18 | 99.35 | 0.99 | 0.24 | 2.93 | 12.21 | 6.67 |
| 40-80 | 131.17 | 99.62 | 0.99 | 0.14 | 2.32 | 16.57 | 7.46 |




Depth graph of median chemical properties. Shaded area: 25-75% percentiles; CEC: cation exchange capacity (mmol/kg); N: nitrogen (%); TOC: total organic carbon (%); pHCaCl2: ph value in CaCl2 solution; BS: base saturation (%); right-hand y-axis= percentage of profiles used in the calculation

## Biomass use

Effects of whole-tree harvesting

Intermediate negative effects

## Compaction risk

Effects of the transit of heavy machinery

Occasionally critical