

GdK0

gravitative slope debris deposits, calcite, impure

General parameters

| | |
|--|-----------------------|
| Area | 50.73 km ² |
| Percentage on total forest mapped area | 1.04 % |

Physics - mean values of all considered profiles (23)

| Depth [cm] | Coarse fraction [%] | Field capacity [l/m ²] |
|------------|---------------------|------------------------------------|
| 0-15 | 30 ± 25 | 67 ± 40 |
| 15-30 | 55 ± 25 | |
| 30-60 | 70 ± 20 | |
| 60-100 | 65 ± 30 | |

Chemistry - stock of available profiles (1)

| Ctot | Ntot | Ca | Mg | K | P |
|-------|-------|-------|-------|-------|-------|
| t/ha | t/ha | kg/ha | kg/ha | kg/ha | kg/ha |
| 227.4 | 11.68 | 25289 | 3402 | 192 | 2817 |

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 (4)

| Depth [cm] | CEC [mmol/kg] | Base Saturation [%] | (Mg+Ca)/CEC | Ntot [%] | TOC [%] | C/N | pH _{CaCl2} |
|------------|---------------|---------------------|-------------|----------|---------|-------|---------------------|
| 0-5 | 780.79 | 99.97 | 0.99 | 0.81 | 16.9 | 20.86 | 6.6 |
| 5-10 | 733.79 | 99.97 | 1 | 0.76 | 15.2 | 20 | 6.75 |
| 10-20 | 546.85 | 100 | 1 | 0.47 | 8.5 | 18.09 | 7.12 |
| 20-40 | 331.23 | 100 | 0.99 | 0.22 | 3.7 | 16.82 | 7.42 |
| 40-80 | 179.2 | 100 | 0.99 | 0.14 | 2.56 | 18.29 | 7.59 |

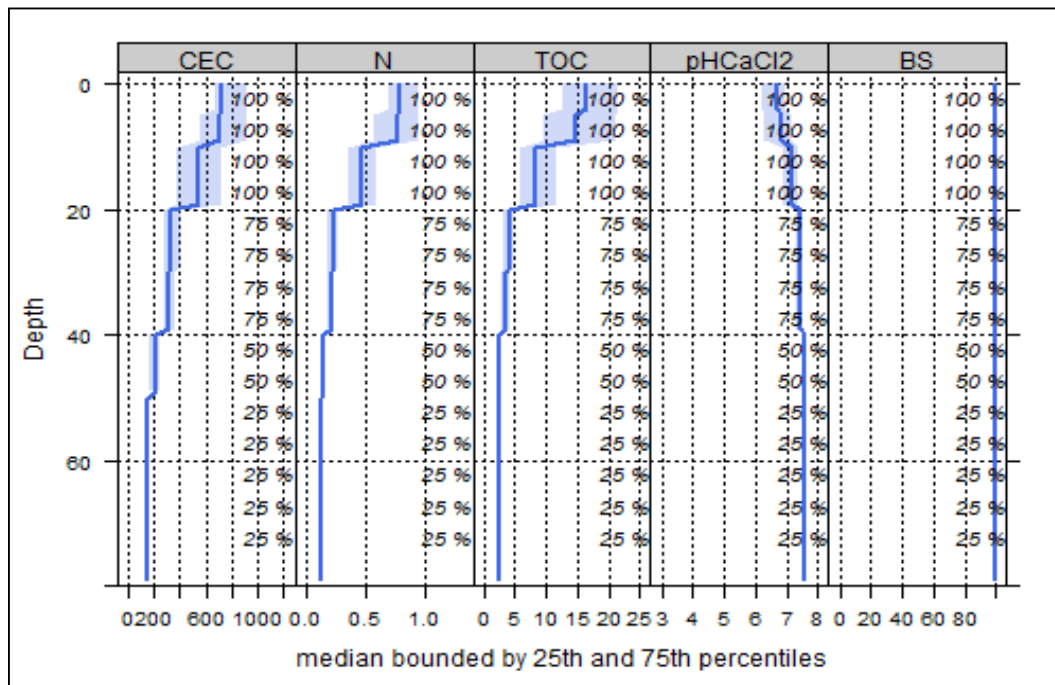
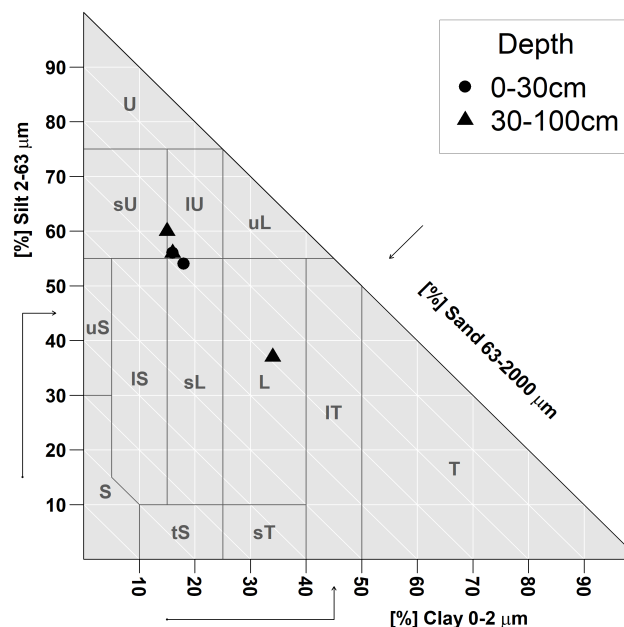


Figure 1: Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (mmol/kg), nitrogen (%), total organic carbon (%), pH and base saturation (%). The percentage values indicate how many profiles contribute to the median calculation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

Biomass use

Effects of whole-tree harvesting



Intermediate negative effects

Compaction risk

Effects of the transit of heavy-duty machinery



Occasionally critical