

TxD0

till, dolomite, impure

General parameters

| | |
|--|-----------|
| Area | 13.87 km2 |
| Percentage on total forest mapped area | 0.29 % |

Physics - mean values of all considered profiles (0)

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

Chemistry - stock of available profiles (1)

| Ctot | Ntot | Ca | Mg | K | P |
|--------|-------|---------|---------|--------|---------|
| t/ha | t/ha | kg/ha | kg/ha | kg/ha | kg/ha |
| 173.72 | 14.63 | 13441.7 | 2520.76 | 193.36 | 1982.74 |

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 (1)

| Depth [cm] | CEC [mmol/kg] | Base Saturation [%] | (Mg+Ca)/CEC | Ntot [%] | TOC [%] | C/N | pH _{CaCl2} |
|------------|---------------|---------------------|-------------|----------|---------|-------|---------------------|
| 0-5 | 432.02 | 99.91 | 0.99 | 0.89 | 16.32 | 18.34 | 6.6 |
| 5-10 | 406.13 | 99.94 | 0.99 | 0.8 | 11.82 | 14.78 | 6.92 |
| 10-20 | 269.32 | 99.95 | 0.99 | 0.43 | 6.41 | 14.91 | 7.14 |
| 20-40 | 226.37 | 99.92 | 0.99 | 0.35 | 4.28 | 12.23 | 7.26 |
| 40-80 | 84.67 | 99.85 | 0.99 | 0.13 | 0.74 | 5.69 | 7.36 |

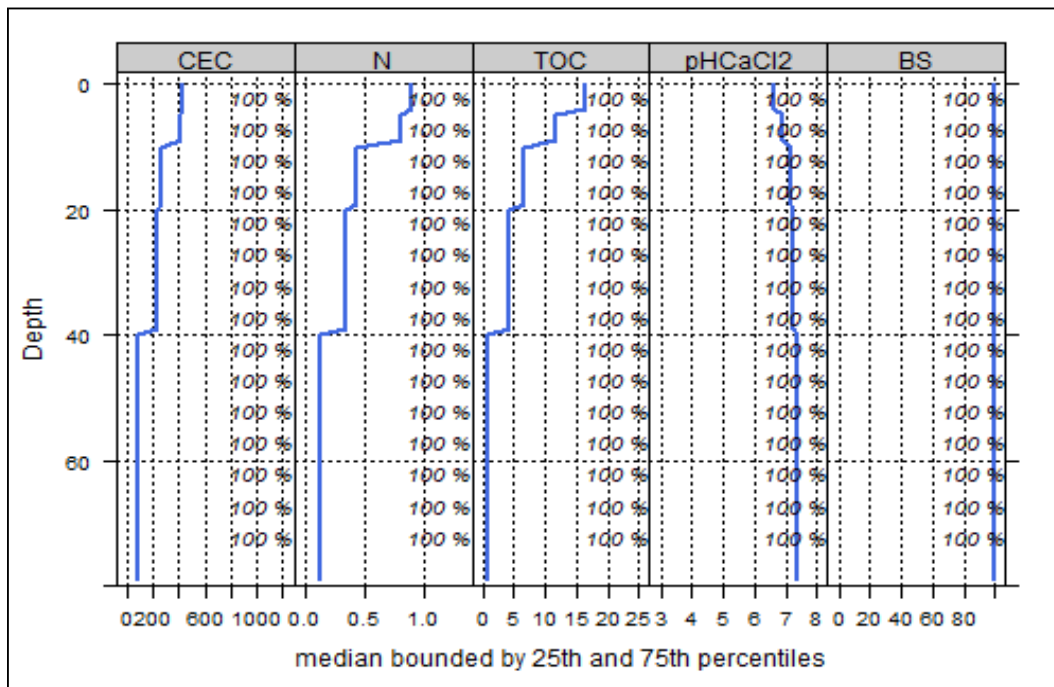
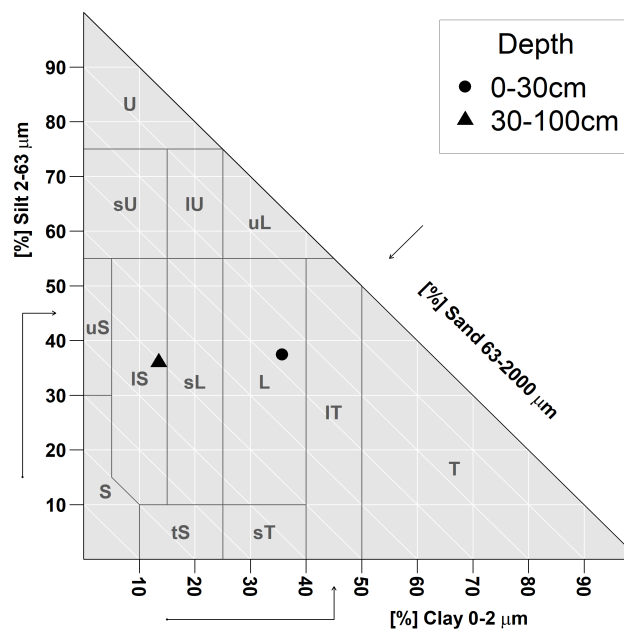


Figure 1: Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (mmol/kg), nitrogen (%), total organic carbon (%), pH and base saturation (%). The percentage values indicate how many profiles contribute to the median calculation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

Biomass use

Effects of whole-tree harvesting



Intermediate negative effects

Compaction risk

Effects of the transit of heavy-duty machinery



Locations at risk