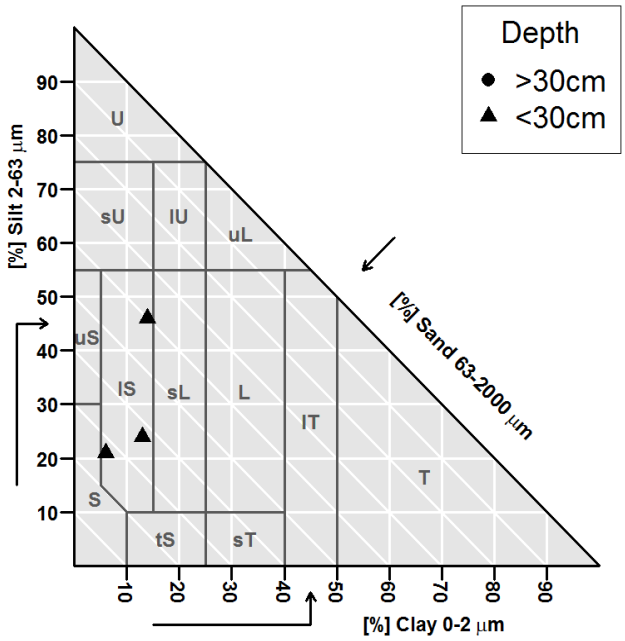
# HaI0

## Debris, siliceous-intermediate, intermediate

## General parameters

| | |
|---|---|
| Area | 274.27 km2 |
| Percentage on total forest mapped area | 5.64 % |




### Physics - mean values of all considered profiles (86)

| Depth [cm] | Coarse fraction [%] | Field capacity [l/m2] |
|---|---|---|
| 0-15 | 20 ± 15 | 113 ± 49 |
| 15-30 | 30 ± 20 | |
| 30-60 | 45 ± 25 | |
| 60-100 | 55 ± 30 | |

### Chemistry - stock of available profiles (0)

| Ctot | Ntot | Ca | Mg | K | P |
|---|---|---|---|---|---|
| t/ha | kg/ha | kg/ha | kg/ha | kg/ha | kg/ha |
| | | | | | |

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 (24)

| Depth [cm] | CEC [mmol/kg] | Base Saturation [%] | Ca/BC | Mg/BC | Ntot [%] | TOC [%] | C/N | pHCaCl2 |
|---|---|---|---|---|---|---|---|---|
| 0-10 | 126.17 | 29.89 | 0.65 | 0.25 | 0.38 | 7.07 | 18.61 | 3.66 |
| 10-20 | 75.71 | 22.87 | 0.61 | 0.27 | 0.23 | 4.15 | 18.04 | 4 |
| 20-40 | 48.12 | 25.13 | 0.58 | 0.28 | 0.15 | 2.78 | 18.53 | 4.29 |
| 40-80 | 42.33 | 27.28 | 0.57 | 0.28 | 0.14 | 2.52 | 18 | 4.38 |

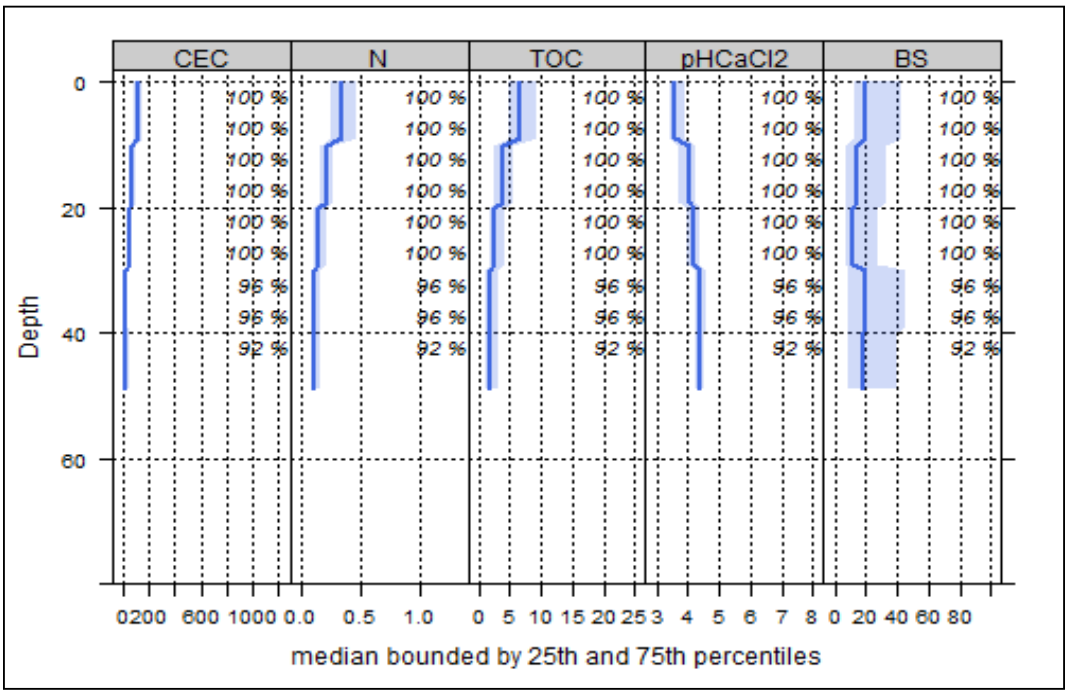
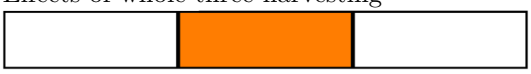



Figure 1: Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (mmol/kg), nitrogen (%), total organic carbon (%), pH and base saturation (%)

## Biomass use

Effects of whole three harvesting



Intermediate negative effects

## Compaction risk

Effects of heavy machines transit on the soil

Occasionally critical