Resampling
recommended 3 to 5 years after Initial Sampling

The resampling is only possible after Initial Sampling (Basic Characterization) and serves to monitor and evaluate the changes induced by the implemented amelioration. 2 analytical programs are being offered for resampling:

Resampling variant-A
Comparison of Soil Properties and Plant Nutrition

The resampling A program includes the same basic parameters and fractions (elements in the water extract, in the exchanger extract and in the reserve fraction) as the Basic Characterization (see Initial Sampling), the results are presented on the basis of a comparative short report.

Range of parameters:

Basic parameters / Sorption complex:
Soil texture (KH), coloration, turbidity, pHKCl, pHWater, lime content, electrical conductivity (eC), Corg (=soil organic matter content), C/N, C/P, C/S (soil organic matter quality), cation exchange capacity (CECactual, CECpotential), base saturation, substance ratios on the sorption complex (Ca, Mg, K, Na, Al, NH4, Fe, Mn, H, pot. acid).

Elements in the water extract:
Ca, Mg, K, Na, NH4-N, NO3-N, Al, Ba, P, Si, SO4, Cl, Fe, Mn, Cu, Zn, Co, Mo, B, As, Ni, Cr, Pb, Cd, Tl, V.

Elements in the exchanger extract:
Ca, Mg, K, Na, NH4-N, Al, Ba, P, Si, Fe, Mn, Cu, Zn, Co, Mo, B, As, Ni, Cr, Pb, Cd, Tl, V.

Elements in the reserve fraction:
Ca, Mg, K, Na, Al, Ba, P, Si, Fe, Mn, Cu, Zn, Co, Mo, B, As, Ni, Cr, Pb, Cd, Ti, V.

5 Phosphorus pools:
Water-soluble, exchangeable, acid-soluble and organic phosphorus as well as total contents.

Resampling variant-B
Comparison of Soil Properties

The resampling B program includes the same basic parameters as the Basic Characterization (see Initial Sampling), the results are presented on the basis of the overview sheet “Soil Properties”.

Range of parameters:

Basic parameters / Sorption complex:
Soil texture (KH), coloration, turbidity, pHKCl, pHWater, lime content, electrical conductivity (eC), Corg (=soil organic matter content), C/N, C/P, C/S (soil organic matter quality), cation exchange capacity (CECactual, CECpotential), base saturation, substance ratios on the sorption complex (Ca, Mg, K, Na, Al, NH4, Fe, Mn, H, pot. acid).