

Three-step method tracer selection

Properties

Organic Matter

TOC TN

Geochemistry

Al Ca Fe K Mg Mn Pb Si Sr Ti Zn Zr

Visible colourimetry

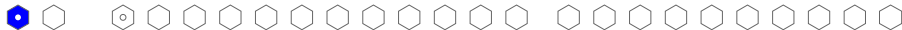
L* a* b* C* h A1 A2 Gt Q7/4 G525

Range test (criteria)

Kolmogorov-Smirnov



Selected tracers - conservative and discriminant properties; tracers retained by the DFA



TOC TN

Al Ca Fe K Mg Mn Pb Si Sr Ti Zn Zr

L* a* b* C* h A1 A2 Gt Q7/4 G525



a - forest-cropland
b - forest-subsoil
c - cropland-subsoil

≤ 0.001
 ≤ 0.01
 ≤ 0.05
 > 0.05

Kolmogorov-Smirnov
p value significance