

Analysis of samples from podzolic soil layer

What is podzolic soil?

The podzolic soil is usually forming in broadleaf forest and is characterized by moderate leaching, which produces an accumulation of clay and iron.

Why do we have this kind of soil in the northern coniferous forest zone?

Because the water sinks on the ground through the soil and dissolves salts from the mineral soil, and creates podzolic soil.

How was the research carried out?

Joose picked dirt from the podzolic soil and smashed it into the glass jar.

What are the results of the analysis?

We know that in the soil there is a low level of potassium, the phosphorus is medium to low, the nitrogen is very low and the pH is acid.

What do the results tell us? How nitrogen, potassium, phosphorus and pH levels of the soil affect e.g. the vegetation in the area?

The soil is not good for agriculture.