



Properties of Finnish soil types

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Abstract

The paper presents results of the laboratory determination of comprehensive soil samples collected by the National Board of Agriculture National Board of Waters and the Environment and the current Finnish Environment Institute between 1962 and 2001. The purpose of the report was to turn the previously unpublished material into publishable format and make it publicly available.

The samples were collected from all over the Finland from the depth of 0-60 m, mostly in connection with soil studies of drainage and embankment work. Of the original material, which contained almost 20.000 samples, 10.297 samples were included to this research. Classified in accordance with the national soil classification system, the research deals with total of 29 soil types, including organic soils, fine and coarse-grained soils and glacial tills.

Key words: comprehensive soil.

Povzetek

V članku so predstavljeni laboratorijski rezultati vzorcev zemljin zbranih na Finskem nacionalnem uradu za kmetijstvo, Finskem nacionalnem uradu za vode in okolje in Finskem okoljskem inštitutu med leti 1962 in 2001. Namen poročila je javna objava doslej še neobjavljenega gradiva in s tem omogočiti vpogled javnosti v podatke.

Vzorci so bili odvzeti po celotni Finski na globini 0-60 m, najpogosteje v povezavi z raziskavami glede prepustnosti zemljin in izdelavo nasipov. Od originalnega gradiva, ki obsega skoraj 20.000 vzorcev, je bilo v raziskavo vključenih 10.297 vzorcev. Kataloško so bili vzorci razvrščeni skladno z nacionalnim klasifikacijskim sistemom za zemljine. V raziskavo je bilo vključenih 29 tipov zemljin, vključno z organskimi, grobo oz. fino zrnatimi in ledeniški zemljinami.

Ključne besede: zemljine.