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BOREAS TE-01 SSA SOIL LAB DATA

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Summary:

This data set was collected by TE-01 to provide a set of soil properties for BOREAS investigators in the SSA. The soil samples were collected at sets of soil pits. Each set of soil pits was in the vicinity of one of the five flux towers in the BOREAS SSA. The collected soil samples were sent to a lab, where the major soil properties were determined. These properties include, but are not limited to, soil horizon; dry soil color; pH; bulk density; total, organic, and inorganic carbon; electric conductivity; cation exchange capacity; exchangeable sodium, potassium, calcium, magnesium, and hydrogen; water content at 0.01, 0.033, and 1.5 MPascals; nitrogen; phosphorus; particle size distribution; texture; pH of the mineral soil and of the organic soil; extractable acid; and sulfur.

A guide document which includes more information about this data set can be found at http://daac.ornl.gov/daacdata/boreas/TE/te01ssld/comp/TE01_SSA_Soil_Lab.txt.

ORNL DAAC maintains information on the entire [BOREAS Project](#).

Data Citation

Cite this data set as follows:

Anderson, D. W. 2000. BOREAS TE-01 SSA Soil Lab Data. Data set. Available on-line [<http://www.daac.ornl.gov>] from Oak Ridge National Laboratory Distributed Active Archive Center, Oak Ridge, Tennessee, U.S.A. doi:10.3334/ORNLDAAC/530.

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Data Format:

For information on Parameter/Variable Names, Variable Description/Definition, Units of Measurement, and Data File Format see this companion file <http://daac.ornl.gov/daacdata/boreas/TE/te01ssld/comp/te01ssld.def>

Document Information:

28-Feb-2000 (data citation revised on 24-Sep-2002)

Document Review Date:

28-Feb-2000

Document Curator:

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Document URL:

<http://daac.ornl.gov>



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