Surficial Materials

This map shows the occurrence of surficial materials in the geologically independent sections of the Maine coastal plain and provides a visual representation of the distribution of these materials. The map is oriented with north at the top and includes a legend that explains the symbols used to represent different types of materials. The surficial materials are classified into various categories, such as sand, gravel, peat, and clay, each with specific characteristics and geological significance.

The data used to create this map were derived from a variety of sources, including field observations, geological surveys, and aerial photography. The map provides a useful tool for understanding the geology of the area and can be used for various applications, such as planning infrastructure projects, assessing environmental impacts, and conducting archaeological studies.

The map also includes a scale bar for reference and a north arrow to ensure accurate orientation. The legend is positioned on the right side of the map, providing a clear and concise explanation of the symbols used.

For more detailed information on the surficial materials, please refer to the Maine Geological Survey's report or online resources. The report provides additional context and data that are not visible on the map but are crucial for a comprehensive understanding of the geological features depicted.

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Mount Blue Quadrangle, Maine

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Maine Geological Survey

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Survey Methods:

Surficial Materials

Geological processes such as weathering and other natural events have created various types of surficial materials. These materials can be classified based on their characteristics, such as size, texture, and origin. The Surficial Materials map provides an overview of the surficial materials present in the area, with each material type represented by a specific symbol.

For a detailed description of each surficial material type, please consult the Maine Geological Survey's report or online resources. The report contains comprehensive data and information that are not visible on the map and are essential for a thorough understanding of the surficial materials present in the area.

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Photographs:

These photographs show examples of the surficial materials as they occur in the field. They provide visual evidence of the materials and their distribution, which can be helpful for interpreting the map and understanding the geological features. The photographs can also be used for educational purposes, such as teaching geology to students or training new employees on the identification of surficial materials.

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Map Notes:

The map is a useful tool for planning and decision-making. It can help in identifying suitable locations for development, assessing environmental impacts, and conducting geological surveys. The map is designed to be easy to read and understand, with clear symbols and legends that provide a comprehensive view of the surficial materials present in the area.

The map is intended for general use and should not be used for specific engineering or construction projects. For such purposes, more detailed and accurate data are required. The map is updated periodically to reflect new data and information, ensuring that it remains a reliable source of information for the users.