Map Discussion
The Witherbee quadrangle is located along the western boundary between the High Peaks and Central Highlands physiographic subdivisions of the Adirondack Province in northern New York State. It contains approximately 1,390 ft of relief and is characterized by a surface topography that is predominantly composed of eroded remnants of Quaternary and upper Pleistocene fluvial deposits, including glacial sediments. These deposits are largely composed of well-sorted and stratified silts and clays, and are the result of glacial and fluvial processes that have shaped the landscape over the last 2 million years.

The surficial geology is composed of a variety of materials, including glacial till, fluvial deposits, and eluvial deposits. These materials have been deposited in a variety of environments, including lacustrine, deltaic, and fluvial settings. The surficial geology is characterized by a variety of textures, including fine to very fine sands, silts, and clays. The surficial geology is also characterized by a variety of colors, including brown, gray, and black. The surficial geology is shown on the map using symbols that represent different materials and their characteristics. The map also includes a legend that identifies the materials and their characteristics.

Surficial Geologic Map

The surficial geologic map of the Witherbee quadrangle is shown on the following page. The map is divided into a number of quadrangles, each of which is shown with a different symbol. The symbols are used to indicate the type of surficial material present in the quadrangle. The map also includes a legend that identifies the materials and their characteristics.

References

The surficial geologic map of the Witherbee quadrangle is based on a number of references, including those listed in the following references:


Symbols

The symbols used on the surficial geologic map of the Witherbee quadrangle are shown in the following table. The table includes a legend that identifies the symbols and their meanings.

<table>
<thead>
<tr>
<th>Symbol</th>
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</tr>
</thead>
<tbody>
<tr>
<td>P1</td>
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</tr>
<tr>
<td>P2</td>
<td>Fluvial deposits</td>
</tr>
<tr>
<td>P3</td>
<td>Eluvial deposits</td>
</tr>
</tbody>
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Description of Map Units

The surficial geologic map of the Witherbee quadrangle is composed of a variety of materials, each of which is shown with a different symbol. The materials are shown on the map using symbols that represent their type and characteristics. The map also includes a legend that identifies the materials and their characteristics.

Holecene

The Holocene unit is composed of a variety of materials, including glacial till, fluvial deposits, and eluvial deposits. The Holocene unit is shown on the map using symbols that represent their type and characteristics. The map also includes a legend that identifies the materials and their characteristics.

Pleistocene

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Pre-Pleistocene

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Quadrangle Location

The surficial geologic map of the Witherbee quadrangle is located in the Adirondack region of New York State. The quadrangle is shown on a map that includes a statewide view and a county view. The map also includes a legend that identifies the materials and their characteristics.

Adjoining Quadrangles

The surficial geologic map of the Witherbee quadrangle is adjacent to a number of other quadrangles, each of which is shown with a different symbol. The symbols are used to indicate the type of surficial material present in the quadrangles. The map also includes a legend that identifies the materials and their characteristics.

Quadrangle Elevation

The surficial geologic map of the Witherbee quadrangle is shown on a map that includes a quadrangle elevation. The quadrangle elevation is shown using symbols that represent their type and characteristics. The map also includes a legend that identifies the materials and their characteristics.

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