**Significant Sand and Gravel Aquifers**

**WHAT IS AN AQUIFER?**

Aquifers are underground bodies of permeable rock containing water that can be extracted for use. The thickness of permeable sandstone in an aquifer can vary from a few feet to hundreds of feet. The permeability of an aquifer is measured in degrees of freedom, with a higher degree of freedom indicating a thicker aquifer.

**New Sweden Quadrangle, Maine**

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**Scale 1:24,000**

**Sedimentary and Tectonic Setting**

1. **Significant Sand and Gravel Aquifers**

   - **Quadrangle Location**: 101 MILE 7000 FEET 1 KILOMETER 6000 4000 3000 2000 1000 0
   - **Scale**: 1:24,000
   - **Contour Interval**: 10 FEET
   - **True North**:

   **How Aquifers Are Drawn**

   - **Depth to bedrock**: in feet below land surface
   - **Maximum depth of boring**: below bottom contact of gravel
   - **Maximum depth of water table**: observed on well, spring, and standing pond
   - **Cross-section indicated**: shows the water table

   **Ground-Water Flow and Contamination**

   - **Wells**: provide information on the depth of water table and bedrock surface
   - **Springs**: provide information on the depth of water table and bedrock surface
   - **Standing pond**: provides information on the depth of water table and bedrock surface

**Other Sources of Information**