**Significant Sand and Gravel Aquifers**

This map highlights areas with significant ground water potential in the Maine Geological Survey. The map shows Depth to bedrock, Stratigraphic unit, Type of bedrock, and Location of significant aquifers. The contours represent 10 feet intervals, and the scale is 1:24,000. The map also includes a key to the symbols used, as well as a legend for the aquifer characteristics.

**Additional Information**

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**Ground Water and Aquifers**

Ground water is a vital resource, providing water for drinking, irrigation, and industrial use. Aquifers are underground layers of permeable rock, sediment, or unconsolidated material that contain and transmit groundwater. Ground water is replenished by precipitation and surface water, and it can be contaminated by human activities such as agricultural practices and industrial processes.

**Petroleum and Natural Gas**

Petroleum and natural gas are non-renewable resources that are extracted from underground reservoirs. They are used as fuels for transportation and electricity generation, and they are also important sources of chemical feedstocks for the production of a wide range of products.

**Geological Hazards**

Geological hazards such as landslides, earthquakes, and volcanic eruptions can cause damage to human settlements, infrastructure, and the environment. Mitigation measures such as land use planning and engineering can help reduce the impact of these hazards.

**How to Use This Map**

The map provides information on depth to bedrock, stratigraphic units, and the location of significant aquifers. The contours represent 10 feet intervals, and the scale is 1:24,000. The map also includes a key to the symbols used, as well as a legend for the aquifer characteristics. The map can be used to identify areas with potential ground water resources, and it can help in planning and management activities related to water resources.