**Surficial Geology**

**The Southwestern Portion of the Bar Harbor Quadrangle, Maine**

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**Maine Geological Survey**

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**SURFICIAL GEOLOGY OF MAINE**

Contemporary glaciers have an uneven covering characteristic of the landscape. The areas of exposed bedrock are irregularly distributed across the state. In general, the location and extent of glacial deposits are controlled by the topography, with the highest elevations of the state being the sites of the greatest ice thickness. Glacial deposition was accomplished by various means. Glacial regelation causes the passage of hot water beneath the ice sheet, resulting in the formation of englacial meltwater. Erosion and deposition occur on the surface of the glacier and up to the edge of the ice sheet, where meltwater causes the formation of meltwater outwash. Erosion and deposition also occur on the surface of the glacier, with glacial meltwater causing the formation of groundwater outwash. Erosion and deposition also occur on the surface of the glacier, with glacial meltwater causing the formation of groundwater outwash. Erosion and deposition also occur on the surface of the glacier, with glacial meltwater causing the formation of groundwater outwash. Erosion and deposition also occur on the surface of the glacier, with glacial meltwater causing the formation of groundwater outwash. Erosion and deposition also occur on the surface of the glacier, with glacial meltwater causing the formation of groundwater outwash. Erosion and deposition also occur on the surface of the glacier, with glacial meltwater causing the formation of groundwater outwash.

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**REFERENCES**
