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From Chapter 1, "Geology of Seattle and the Seattle area, Washington," by Kathy Goetz Troost and Derek B. Booth

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Plate 2. Simplified geology of Seattle showing Holocene, recessional, Vashon, pre-Vashon, and Tertiary deposits (A) and maps showing distribu-tion of bedrock across Seattle (B); pre-Vashon deposits across Seattle (C); Vashon advance outwash and lacustrine deposits across Seattle (D); tion of bedrock across Seattle (B); pre-vasion deposits across Seattle (C); vasion advance outwash and facustrine deposits across Seattle (D); distribution of Vashon till across Seattle, including subglacial and subglacial melt-out tills (E); late glacial deposits and Holocene deposits (F); young (Vashon recessional and Holocene) organic-bearing units across Seattle (G); fill, modified land, landfill, regrade, and colluvium deposits across Seattle (H); loosely/normally consolidated versus glacially overconsolidated materials, focusing on the Beacon Hill area (I); loosely/ normally consolidated versus glacially overconsolidated materials across Seattle (J); and reconstructed Denny Hill and Beacon Hill (K) with modern topography on top, mid-1800s topography on bottom. Modern shoreline is shown in green; mid-1800s shoreline is shown in blue. Changes between the time periods include the removal of Denny Hill and a cut between Beacon and First Hills and the addition of fill over former tide flats (L) Man chewing depth to glacially overridden deposits (M) Man showing distribution of general grain size (methods). tide flats. (L) Map showing depth to glacially overridden deposits. (M) Map showing distribution of general grain size (preliminary permeability) across Seattle.