Surface Geology Bloom Quadrangle, North Dakota

24K: Blom - sg



slopewash sediment commonly present. River sediments (sand and gravel), and cobble and boulder lag deposits, often exposed on

Glacial sediment eroded by wave action along margins of lakes. Thin veneer of slough and nearshore lacustrine sediment commonly present, often as well-developed beaches, beach berms, and beach cusps. Upper contact is sharp and corresponds to maximum high water; it is often marked by a natural rip-rap of glacial erratics.

Glacial sediment that has been thrust, as a block or series of blocks, into place by glacial ice. Probably consists mostly of till, but may include blocks of river channel sediment. Forms a discrete, hilly area southwest of Rush Island Lake, the depression

Sand and gravel; moderately to very poorly sorted, locally with inclusions of till; shaly. Deposited by meltwater streams flowing within, on, or under the glacier (eskers) or at or near the ice margin

Sand and gravel; moderately to poorly sorted; crossbedded to planar bedded; surfaces are flat to moderately sloping. Deposited by

River channel sediment, as above, deposited between or over blocks of stagnant ice that later melted, resulting in the characteristic pitted surface. Near the pits, or depressions, the sediment may

River channel sediment as above. Forms level to gently sloping terraces, typically on inside bends of meanders. Deposited by meltwater rivers. As much as 45 feet thick above modem channels.

River channel sediment, as above, deposited between or over blocks of stagnant ice that later melted, resulting in the characteristic pitted surface. Near the pits, or depressions, the sediment may contain blocks of till and is likely to be deformed by slumping.