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EXPLANATION Flood plain; gravel, silt alluvium Mudflows; pebbly silt, marginal to flood plains, derived from clayey till (Wtc) Landslides, slumps; developed on exposures of clayey till (Wtc) Low terraces of Cattaraugus Creek and tributaries; ferruginous gravel and silt, wood bearing High terraces of Cattaraugus Creek and tributaries; younger terraces underlain by ferruginous gravel and silt alluvium, wood bearing; older terraces, commonly developed on dissected outwash gravel, are in part of Woodfordian Haf Alluvial fans; channery gravel, sand Wos Late outwash; pebble gravel, sand; incised into earlier outwash Wog Outwash; cobble gravel, sand Τ Wls Lacustrine sand, silt, some pebble gravel Wkg Ice-contact cobble gravel, sand; kamic Wdo Outwash; pebble gravel, sand; along ice margin, westward draining, overlying S clayey till (Wtc) Wfg Fluvial gravel, sand, derived from upland drainage, hummocky where laid over thin ice; overlies clayey till (Wtc) Wtc Till, clayey with pebbles and cobbles; deformed silt stringers, minor overridden pebble gravel, sand; mainly reworked lacustrines. May include Hiram equivalent till in upper few feet -Erie Interstade Wrg/ Wsd Т Ice-contact gravel, sand; kame terraces (Wrg). Recessional kame delta sand, silt, clay (Wsd) beneath clayey till (Wtc) Wrm Ground moraine; mixed stony till, stratified drift; ice marginal End moraine; mixed gravel, sand, till; distal limit of bright stratified drift Valley train; outwash gravel, sand; distally from bright drift limit С W1b Lacustrine silt, clay; bordering end and recessional moraines; includes later F. Lodgment till, >5' thick; stony, silty, variously bright and drab Lodgment till, <5' thick; occasional rock outcrop 0 Atc Colluvium; till, talus Lacustrine silt, clay; marginal to ice-contact deposits Ice-contact gravel, sand; ground moraine; drab Lodgment, ablation till, stony, silty; >3' thick, drab Alt

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Dr Bedrock outcrop; shales, siltstones, sandstones of the Canadaway and Conneaut Groups (Fisher and others, 1970)



Att

Melt-water channel, with direction of flow

Lodgment, ablation till, <3' thick; frequent rock outcrop