



Plot of digital database for
QUATERNARY GEOLOGIC MAP OF THE Blue Ridge 4° x 6° QUADRANGLE,
UNITED STATES
by
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U.S. Geological Survey

- LIST OF MAP UNITS
- | | |
|---|--|
| agg | ALLUVIAL SANDY GRAVEL |
| al | ALLUVIUM |
| cba | GRANITIC-BOULDER COLLUVIUM |
| cbb | QUARTZITE-BLOCK LOAMY COLLUVIUM |
| cbc | CARBONATE-BOULDER CLAYEY COLLUVIUM |
| cbd | MAFIC-BOULDER LOAMY COLLUVIUM |
| csa | SANDY SILTY COLLUVIUM |
| csb | COLLUVIUM WITH HUGE BLOCKS |
| csh | SANDY SHALY COLLUVIUM |
| cl | LOAMY COLLUVIUM |
| cla | SANDSTONE- AND SHALE-CLAST LOAMY COLLUVIUM |
| jla | LANDSLIDE DEPOSITS AND LOAMY COLLUVIUM--Abundant |
| jlb | LANDSLIDE DEPOSITS AND LOAMY COLLUVIUM--Scattered |
| clc | LOAMY COLLUVIUM WITH ERRATICS |
| cle | CALCAREOUS SHALE-CHIP LOAMY COLLUVIUM |
| clf | ACID SHALE-CHIP LOAMY COLLUVIUM |
| clh | GRANITIC- TO DIORITIC-CLAST LOAMY COLLUVIUM |
| cca | SHALE-CHIP LOAMY COLLUVIUM |
| ccb | CARBONATE-CLAST LOAMY COLLUVIUM |
| ccc | STONY SILTY CLAYEY COLLUVIUM |
| cch | SHALE-CHIP CLAYEY LOAM COLLUVIUM WITH QUARTZITE-CLAST MANTLE |
| lca | LAKE CLAY AND SILT |
| lla | SLACKWATER LAKE CLAY, SILT, AND SAND |
| gg | OUTWASH SAND AND GRAVEL |
| kg | ICE-CONTACT SAND AND GRAVEL |
| tl(g) | LOAMY TILL--Ground moraine |
| tl(e) | LOAMY TILL--End moraine |
| tld(g) | LOAMY TILL--Ground moraine |
| tld(s) | LOAMY TILL--Stagnation moraine |
| tld(e) | LOAMY TILL--End moraine |
| tlg(g) | LOAMY TILL--Ground moraine |
| tlg(s) | LOAMY TILL--Stagnation moraine |
| tlg(e) | LOAMY TILL--End moraine |
| tlh(g) | LOAMY TILL--Ground moraine |
| tlh(e) | LOAMY TILL--End moraine |
| lci | LAKE CLAY AND SILT |
| llb | SLACKWATER LAKE SILT AND SAND |
| ggi | OUTWASH SAND AND GRAVEL |
| kgi | ICE-CONTACT SAND AND GRAVEL |
| tl(i)(g) | LOAMY TILL--Ground moraine |
| tl(i)(a) | LOAMY TILL--Attenuated drift |
| agn | ALLUVIAL SAND AND GRAVEL |
| cci | DEEPLY WEATHERED FELSIC- AND MAFIC-BOULDER COLLUVIUM AND ALLUVIUM |
| llc | LAKE AND SLACKWATER CLAY, SILT, AND SAND |
| zgc | CLAYEY SANDY GRAVEL DECOMPOSITION RESIDUUM |
| zsn | SANDY SHALY DECOMPOSITION RESIDUUM |
| zla | LOAMY DECOMPOSITION RESIDUUM |
| zlb | LOAMY DECOMPOSITION RESIDUUM |
| zlc | RED SILTY SAND TO SILTY CLAY DECOMPOSITION RESIDUUM |
| zrb | CHERTY CLAY SOLUTION RESIDUUM, SANDY CLAY DECOMPOSITION RESIDUUM, AND SILTY CLAY DECOMPOSITION RESIDUUM |
| rcc | CHERTY CLAY SOLUTION RESIDUUM |
| rch | CLAY LOAM SOLUTION RESIDUUM |
| rci | LOAMY TO CLAYEY SOLUTION RESIDUUM |
| rcj | RED CLAY SOLUTION RESIDUUM |
| sga | SANDY CLAYEY SAPROLITIZED GRAVEL |
| sgb | CLAYEY SAPROLITIZED GRAVEL |
| ssa | SILTY TO CLAYEY SANDY SAPROLITE, ROCK TORS, AND JOINT-BLOCK CORE BOULDERS |
| ssb | SILTY TO CLAYEY SANDY SAPROLITE |
| ssd | SANDY CLAY SAPROLITE |
| sse | QUARTZ-RICH SAPROLITE |
| sla | CLAYEY SAPROLITE |
| slb | MICACEOUS SAPROLITE |
| slc | SILTY TO CLAYEY SAPROLITE |
| slf | THIN SILTY CLAY SAPROLITE ON SERPENTINITE |
| slg | CLAYEY SAPROLITE, ROCK TORS, AND BLOCK-JOINT CORE BOULDERS |
| scb | RED CLAY TO SILTY CLAY SAPROLITE |
| f | AREAS OF OPEN-PIT COAL MINES AND SPOIL PILES |
| CONTACT | CONTACT |
| ESKER | ESKER |
| MELTWATER CHANNEL | MELTWATER CHANNEL |
| OUTER LIMIT OF GLACIAL ADVANCE | OUTER LIMIT OF GLACIAL ADVANCE-Dashed where inferred. |
| BURIED MORaine BENEATH LOAMY TILL | BURIED MORaine BENEATH LOAMY TILL (tld) |
| DIRECTION OF ICE MOVEMENT INDICATED BY STRIATIONS | DIRECTION OF ICE MOVEMENT INDICATED BY STRIATIONS |
| SAND AND GRAVEL OF TEAYS FORMATION (EARLY PLEISTOCENE OR PLOCENE) | SAND AND GRAVEL OF TEAYS FORMATION (EARLY PLEISTOCENE OR PLOCENE) |
| LOCATION OF IMPORTANT STRATIGRAPHIC SECTION | LOCATION OF IMPORTANT STRATIGRAPHIC SECTION |
| 1 | Clear Creek section, Ohio-Stratigraphic sequence, from oldest to youngest: silt and sand; gravel and pre-Illinoian till; "Yarmouth(?)" paleosol; pre-Illinoian or pre-Illinoian "pre-Rainsboro" till; gravel; Illinoian Rainsboro Till; sand and gravel; Rainsboro Till (Rosengreen, 1974) |
| 2 | Fall Creek section, Ohio-Stratigraphic sequence, from oldest to youngest: Illinoian Rainsboro Till; silt; "Sangamon" paleosol; late Wisconsin Boston Till (wood in till, 20,910? 240 BP, ISGS-44); rubble and gravel with weathered profile; late Wisconsin Caesar Till (Rosengreen, 1974) |
| 3 | Blinco Branch section, Ohio-Type section for Boston Till. Stratigraphic sequence, from oldest to youngest: Illinoian Rainsboro Till (wood in till, greater than 37,770 BP, ISGS-59); gravel and sand; "Sangamon" paleosol; late Wisconsin Boston Till; loess (Rosengreen, 1974) |
| 4 | Rainsboro section, Ohio- Stratigraphic sequence, from oldest to youngest: pre-Illinoian till or Illinoian Rainsboro Till; silt; gravel; Rainsboro Till; gravel; Rainsboro Till; sand; Illinoian Rainsboro(?) Till; gravel and sand; loess (Rosengreen, 1974) |