TERRAIN INVENTORY LEGEND
SYMBOL
NAME / LAGLD
MATERIAL OR MATERIAL AND THICKNESS
GEOMORPHOLOGY AND LANDUSE
DISTRIBUTION AND STRATIGRAPHY
REMARKS?
OTHER ENGINEERING CHARACTERISTICS
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REMARKS?
Ap–A
Active (modern)
Unevenly colored and porous loamy topsoil with very coarse to coarse sand; rounded to well rounded 1–5 m thick.
Flat floodplain, usually inundated once annually or every few years.
Most active deposition and lateral migration occurs along outside bends of meandering streams.
Unevenly distributed over floodplains.
Rapidly permeable and well drained.
Fair to poor for topsoil.
Af'
High-level alluvial terrace
Yellowish-brown to reddish-brown, moderately to well sorted, stratified, unconsolidated sandy loam to clay loam; 1–3 m thick.
Nearly level to gently undulating or dissected terrace surfaces 3–15 m above modern streams.
Commonly occupies positions between younger floodplains and older uplands.
Moderately permeable; moderate to high water-holding capacity.
Good for most crops; subject to erosion on steeper dissected edges.
Af'
Low-level alluvial terrace
Pale-brown to light-gray, moderately sorted silt loam to fine sandy loam; 1–2 m thick.
Gently undulating to nearly level surfaces 1–3 m above modern floodplains.
Commonly occupies positions between high terraces and floodplains.
Moderately permeable; high water-holding capacity.
Good for most crops; subject to occasional flooding.
Afs
Stabilized alluvial terrace
Dark-brown to black, well sorted, fine sandy loam to silt loam; 1–2 m thick.
Nearly level to gently undulating surfaces 2–10 m above modern streams.
Commonly occupies positions between younger floodplains and older terraces.
Moderately permeable; high water-holding capacity.
Good for most crops; subject to occasional flooding.
Ah, Ah'
Dune sand
Light-gray to pale-brown, well sorted, fine to medium sand; structureless; 1–10 m thick.
Hummocky to undulating dunes rising 2–15 m above adjacent terrain.
Occurs as isolated dunes or irregular belts on terraces and uplands.
Rapidly permeable; very low water-holding capacity.
Poor for most crops; susceptible to wind erosion when vegetation is removed.
Ah, Ah'
Alluvial fan
Brown, poorly sorted, stratified silty sandy gravel; gravel and cobbles are subangular to subrounded; 2–10 m thick.
Gently sloping fans at the mouths of tributary valleys; commonly overlap to form broad piedmont slopes.
Occurs along valley sides of major valleys. Commonly overlies older alluvial deposits or bedrock.
Rapidly permeable; low water-holding capacity.
Fair for pasture; poor for cultivated crops because of gravel and stones.
Ah, Ah'–A
Alluvial apron
Brown, poorly sorted, stratified sandy loam to clay loam with gravel and cobbles; 2–10 m thick.
Gently sloping fans at the mouths of valleys where tributary streams enter the main valley.
Occurs along valley sides of major valleys. Commonly overlies older alluvial deposits or bedrock.
Moderately permeable; moderate