

Major Land Resource Area 117X

Boston Mountains

Accessed: 04/26/2024

Ecological site keys

MLRA 117X ES Key

1- Site receives additional moisture from surrounding landscape (flood plains, toe slopes, foot slopes and low terraces).

A. Soils formed in alluvium derived from sandstone, siltstone, and shale. Soils are well drained.

1- Occurs on flood plains (toe slopes comprising flood plains along creeks and small streams draining highly dissected uplands). ... NX117X01Y030 – Flood Plain

2- Occurs on terraces (toe slopes and lower foot slopes comprising treads and risers on stream terraces). ... NX117X01Y029 – Terrace

2- Site does not receive additional moisture from the surrounding landscape (upland landforms including high terraces, toe slopes, benches, summits, shoulders and backslopes of interfluves, hills, and mountains).

A. Soils formed in alluvium, colluvium, and residuum from siltstone and shale. Soils are moderately well drained, somewhat poorly drained, or poorly drained.

1- Occurs on benches and high terraces, on toe slopes and foot slopes, has a fine loamy or loamy (18-35 percent clay) texture in the particle size control section, and a restrictive layer. ... NX117X01Y035 – Seasonally Wet Loamy Upland

2- Occurs on level to depressional uplands or terraces on toe slopes with a fine (35-60 percent clay) texture in the particle size control section. ... NX117X01Y032 – Seasonally Wet Clayey Upland

B. Soils formed in residuum or residuum/colluvium. Occurs on summits, shoulders and backslopes of interfluves, hills, and mountains.

1- Soils are very shallow to shallow (less than 50 cm to restrictive layer, usually hard bedrock). ... NX117X01Y034 – Shallow Upland

2- Soils are moderately deep to very deep (greater than 50 cm to a restrictive layer).

i. Soils have a fine loamy or loamy (18 to 35 percent clay) texture in particle size control section. ... NX117X01Y033 – Loamy Upland

ii. Soils have a fine (35 to 60 percent clay) texture in particle size control section. ... NX117X01Y031 – Clayey Upland
