



### Plate 1

Moderately deep, moderately well drained soil formed into sandstone residuum. Light brown A horizon and a gray prominent E horizon. Bedrock starts at about 24 inches. (Bolivar silt loam)



### Plate 2

Well drained soil formed in loess. Thick, very dark brown A horizon, high organic matter. (Marshall silt loam)



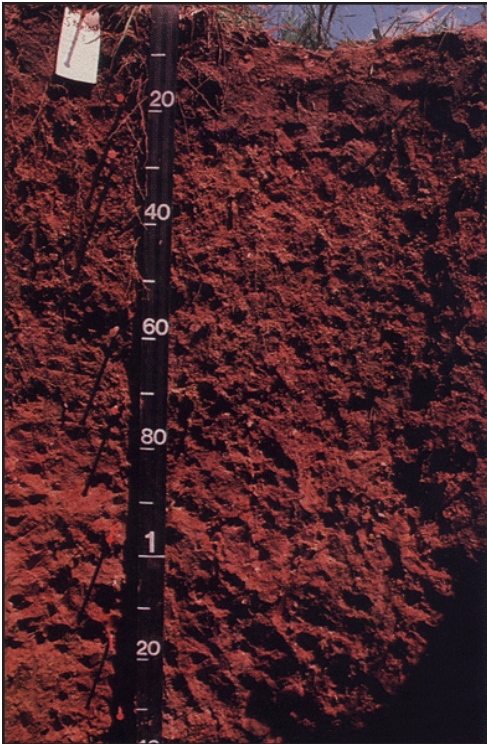
### Plate 3

Clay flow shows the downward movement of clay into the subsoil. Clay coatings on peds and sand grains give them a waxy appearance.



### Plate 4

Well drained young soil. Colors and textures of the profile vary very little with depth. A horizon has low organic matter. (Ida silt loam)



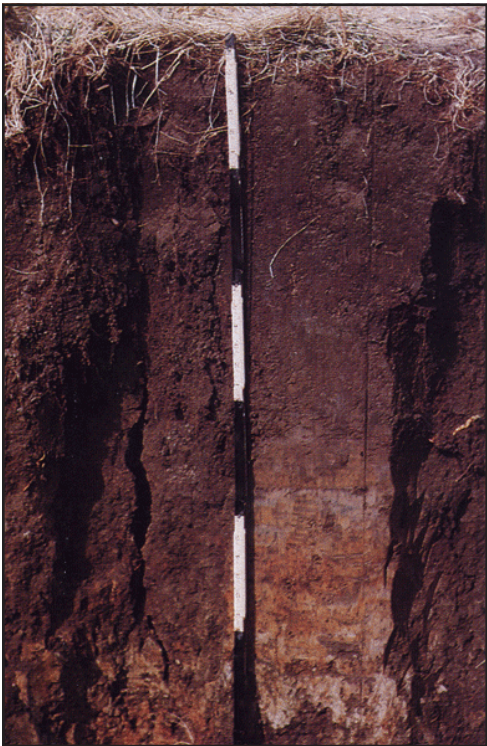
### Plate 5

Well drained old soil. Color is uniform throughout the profile. Red color indicates high oxidation of iron. (Cotton silt loam)



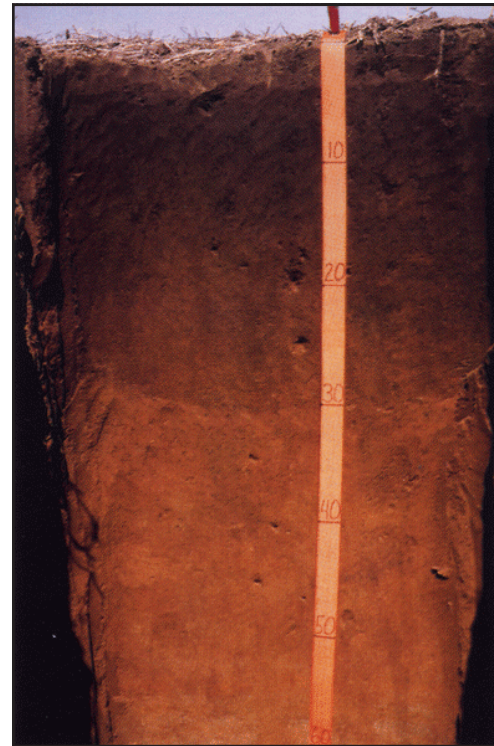
### Plate 6

Btg horizon shows well developed prismatic structure.



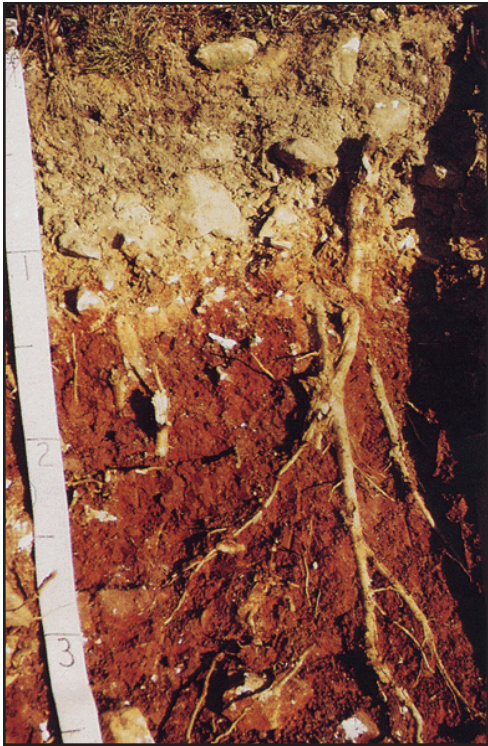
### Plate 7

Somewhat poorly drained soil formed in loess. Entire subsoil is dark gray with brown mottles indicating a perched seasonal high water table. (Grundy silt loam)



### Plate 8

Well drained soil formed in loess. Thick, very dark brown A horizon. High organic matter. (Monona silt loam)



**Plate 9**

Well drained soil formed in colluvium and the underlying residuum. (Doniphan gravelly silt loam)



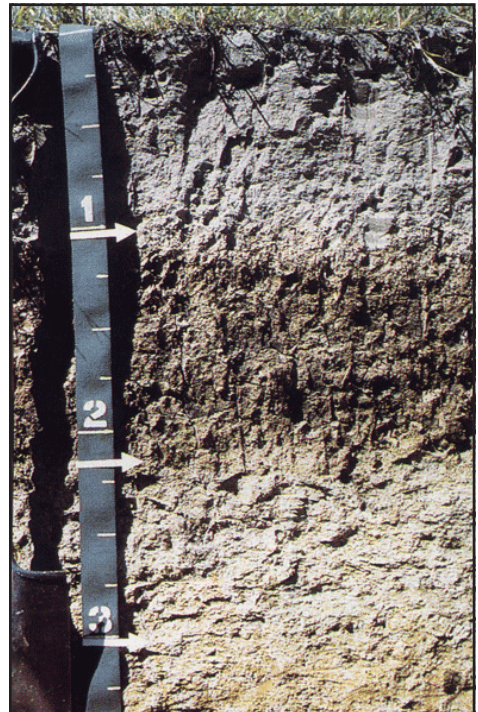
**Plate 10**

Thick black A horizon. High organic matter.



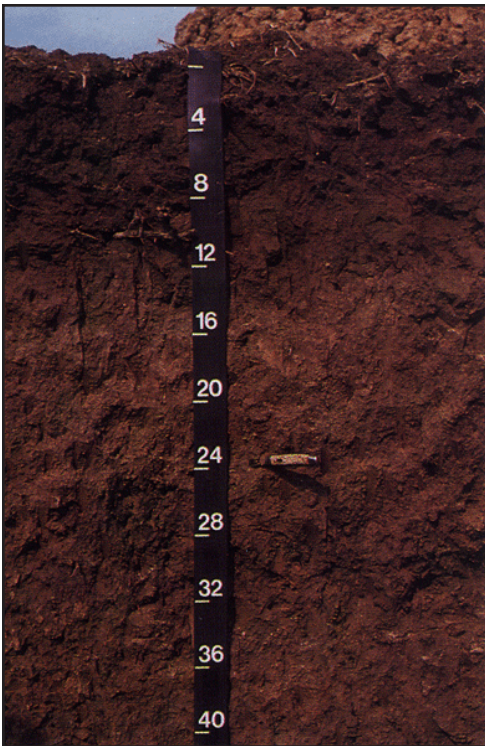
**Plate 11**

Poorly drained soil formed loess. Dark brown A horizon. Thick gray, silty E horizon over a gray, clayey Btg horizon. An abrupt texture change between the E and Btg horizon. (Putnam silt loam)

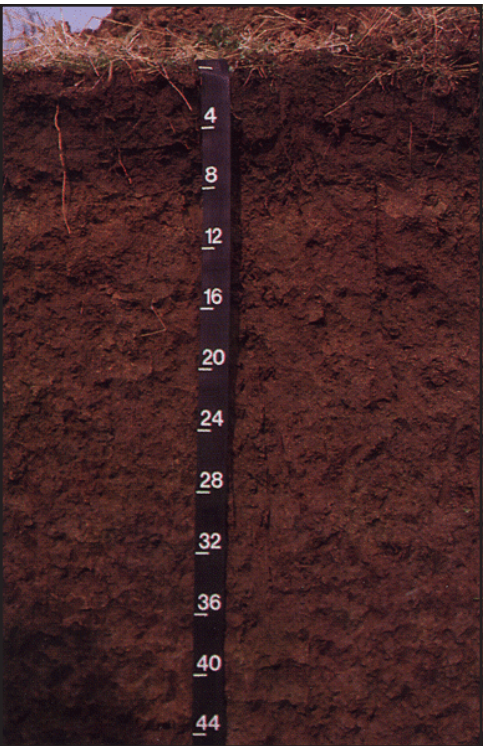


**Plate 12**

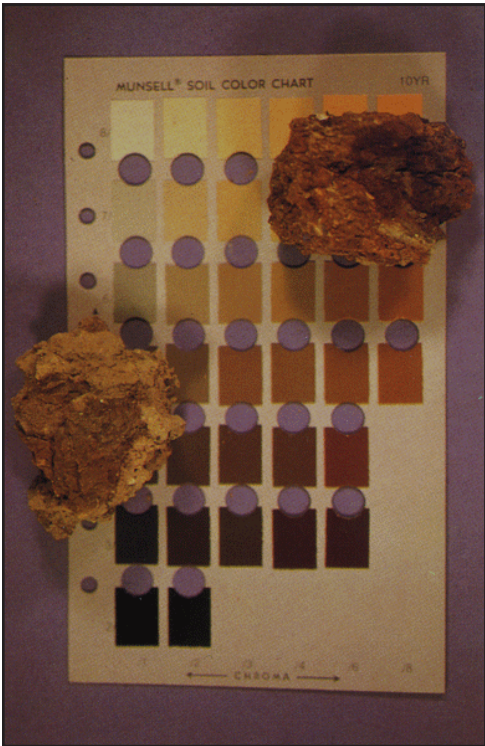
Poorly drained soil formed in loess and residuum. Gray A horizon. Light gray E horizon over a dark gray, clayey Btg horizon. An abrupt texture change between the E and Btg horizon at 14 inches. Fragipan at 27 inches. (Gerald silt loam)



**Plate 13**  
 Poorly drained soil formed in alluvium. Dark brown A horizon over a thick gray E horizon at 14 to 24 inches. (Vesser silt loam)



**Plate 14**  
 Somewhat poorly drained soil formed in loess. Dark brown A horizon over a Btg horizon. (Weller silt loam)



**Plate 15**  
 10YR Munsel color chart.



**Plate 16**  
 Soil with an extremely cobbly surface layer.