

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. **Map units in red represent the soils having the greatest potential for caving when excavated.**)

Map symbol and soil name	ENG - Shallow Excavations
Bp: BESTPITCH-----	1.000 Very limited ** 1.000 Depth to saturated zone 1.000 (0.000-1.000) Content of organic matter (No organic matter limitation to Content of organic matter) 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan *
Ca: CARMICHAEL-----	1.000 Very limited ** 1.000 Depth to saturated zone 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan *
CARMICHAEL-----	1.000 Very limited ** 1.000 Depth to saturated zone 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan *
Co: CORSICA-----	1.000 Very limited ** 1.000 Depth to saturated zone 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan *
CORSICA-----	1.000 Very limited ** 1.000 Depth to saturated zone 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan *
DhC: DOWNER-----	1.000 Very limited ** 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan *
HAMMONTON-----	1.000 Very limited ** 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan * 0.999 (0.820-1.000) Depth to saturated zone
DoB: DOWNER-----	1.000 Very limited ** 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan *
DOE: DOWNER-----	1.000 Very limited ** 1.000 Slope 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan *
DUD: DOWNER-----	1.000 Very limited ** 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan * 0.837 (0.163-1.000) Slope
UNICORN-----	1.000 Very limited ** 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan * 0.837 (0.163-1.000) Slope

Map symbol and soil name	ENG - Shallow Excavations
Fg:	
FALLSINGTON-----	1.000 Very limited ** 1.000 Depth to saturated zone 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan *
FALLSINGTON-----	1.000 Very limited ** 1.000 Depth to saturated zone 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan *
FmA:	
FORT MOTT-----	1.000 Very limited ** 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan *
FmB:	
FORT MOTT-----	1.000 Very limited ** 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan *
GfB:	
GALESTOWN-----	1.000 Very limited ** 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan *
FORT MOTT-----	1.000 Very limited ** 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan *
GfC:	
GALESTOWN-----	1.000 Very limited ** 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan *
FORT MOTT-----	1.000 Very limited ** 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan *
GrA:	
GREENWICH-----	1.000 Very limited ** 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan *
HnA:	
HAMMONTON-----	1.000 Very limited ** 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan * 0.999 (0.820-1.000) Depth to saturated zone
HnB:	
HAMMONTON-----	1.000 Very limited ** 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan * 0.999 (0.820-1.000) Depth to saturated zone
Ho:	
HONGA-----	1.000 Very limited ** 1.000 Depth to saturated zone 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan * 0.800 Flooding
Hr:	
HURLOCK-----	1.000 Very limited ** 1.000 Depth to saturated zone 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan *
HURLOCK-----	1.000 Very limited ** 1.000 Depth to saturated zone 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan *

Map symbol and soil name	ENG - Shallow Excavations
IgA: INGLESIDE-----	1.000 Very limited *+ 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan * 0.238 (0.000-0.820) Depth to saturated zone (No wetness depth limitation to Depth to saturated zone)
IgB: INGLESIDE-----	1.000 Very limited *+ 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan * 0.238 (0.000-0.820) Depth to saturated zone (No wetness depth limitation to Depth to saturated zone)
IgC: INGLESIDE-----	1.000 Very limited *+ 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan * 0.238 (0.000-0.820) Depth to saturated zone (No wetness depth limitation to Depth to saturated zone)
Kn: KENTUCK-----	1.000 Very limited *+ 1.000 Depth to saturated zone 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan * 0.100 Cutbanks cave
Lo: LONGMARSH-----	1.000 Very limited *+ 1.000 Depth to saturated zone 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan *
LZ: LONGMARSH-----	1.000 Very limited *+ 1.000 Depth to saturated zone 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan *
ZEKIAH-----	1.000 Very limited *+ 1.000 Depth to saturated zone 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan *
M-W: Water-----	Not Rated Not Rated; Clay percent Not Rated; bulk density 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan *
MkA: MATAPEAKE-----	0.100-1.000 Somewhat limited to Very limited *+ 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan * 0.100 Cutbanks cave
MkB: MATAPEAKE-----	0.100-1.000 Somewhat limited to Very limited *+ 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan * 0.100 Cutbanks cave
MkC: MATAPEAKE-----	0.100-1.000 Somewhat limited to Very limited *+ 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan * 0.100 Cutbanks cave
MtA: MATAPEAKE-----	1.000 (0.955-1.000) Very limited (Somewhat limited to Very limited) *+ 1.000 (0.955-1.000) Depth to saturated zone 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan * 0.100 Cutbanks cave

Map symbol and soil name	ENG - Shallow Excavations
BUTLERTOWN-----	0.949-1.000 (0.612-1.000) Somewhat limited to Very limited ** 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan * 0.949 (0.612-1.000) Depth to saturated zone 0.100 Cutbanks cave
MtB:	
MATTAPEX-----	1.000 (0.955-1.000) Very limited (Somewhat limited to Very limited) ** 1.000 (0.955-1.000) Depth to saturated zone 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan * 0.100 Cutbanks cave
BUTLERTOWN-----	0.949-1.000 (0.612-1.000) Somewhat limited to Very limited ** 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan * 0.949 (0.612-1.000) Depth to saturated zone 0.100 Cutbanks cave
MtC:	
MATTAPEX-----	1.000 (0.955-1.000) Very limited (Somewhat limited to Very limited) ** 1.000 (0.955-1.000) Depth to saturated zone 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan * 0.100 Cutbanks cave
NsA:	
NASSAWANGO-----	1.000 Very limited ** 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan * 0.238 (0.000-0.820) Depth to saturated zone (No wetness depth limitation to Depth to saturated zone)
NsB:	
NASSAWANGO-----	1.000 Very limited ** 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan * 0.238 (0.000-0.820) Depth to saturated zone (No wetness depth limitation to Depth to saturated zone)
Ot:	
OTHELLO-----	1.000 Very limited ** 1.000 Depth to saturated zone 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan *
OTHELLO-----	1.000 Very limited ** 1.000 Depth to saturated zone 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan *
PiA:	
PINEYNECK-----	1.000 Very limited ** 1.000 Cutbanks cave 1.000 (0.955-1.000) Depth to saturated zone 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan *
PiB:	
PINEYNECK-----	1.000 Very limited ** 1.000 Cutbanks cave 1.000 (0.955-1.000) Depth to saturated zone 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan *
PiC:	
PINEYNECK-----	1.000 Very limited ** 1.000 Cutbanks cave 1.000 (0.955-1.000) Depth to saturated zone 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan *
Pk:	
PUCKUM-----	1.000 Very limited ** 1.000 Depth to saturated zone 1.000 Content of organic matter 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan *

Map symbol and soil name	ENG - Shallow Excavations
UbB: UDORTHENTS-----	Not Rated Not Rated; bulk density 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan * 0.156 Depth to saturated zone
UdB: UDORTHENTS-----	Not Rated Not Rated; bulk density 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan * 0.156 Depth to saturated zone
UlB: UDORTHENTS, LANDFILL-----	Not Rated Not Rated; Clay percent Not Rated; bulk density 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan *
UoA: UNICORN-----	1.000 Very limited *+ 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan * 0.238 (0.000-0.820) Depth to saturated zone (No wetness depth limitation to Depth to saturated zone)
UoB: UNICORN-----	1.000 Very limited *+ 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan * 0.238 (0.000-0.820) Depth to saturated zone (No wetness depth limitation to Depth to saturated zone)
Ur: URBAN LAND-----	Not Rated Not Rated; Clay percent Not Rated; bulk density 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan *
UsA: UNICORN-----	1.000 Very limited *+ 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan * 0.238 (0.000-0.820) Depth to saturated zone (No wetness depth limitation to Depth to saturated zone)
SASSAFRAS-----	1.000 Very limited *+ 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan *
UsB: UNICORN-----	1.000 Very limited *+ 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan * 0.238 (0.000-0.820) Depth to saturated zone (No wetness depth limitation to Depth to saturated zone)
SASSAFRAS-----	1.000 Very limited *+ 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan *
UsC: UNICORN-----	1.000 Very limited *+ 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan * 0.238 (0.000-0.820) Depth to saturated zone (No wetness depth limitation to Depth to saturated zone)
SASSAFRAS-----	1.000 Very limited *+ 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan *

Map symbol and soil name	ENG - Shallow Excavations
W: Water-----	Not Rated Not Rated; Clay percent Not Rated; bulk density 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan *
Wh: WHITEMARSH-----	1.000 Very limited ** 1.000 Depth to saturated zone 1.000 Cutbanks cave 0.000-1.000 No thin cemented pan depth limitation to Depth to thin cemented pan *

ALL VALUES ARE ROUNDED.

* INDICATES NULL DATA WAS USED.

+ INDICATES DEFAULT VALUES WERE USED.

