

(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. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
AddA: Avonburg-----	85	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Cutbanks cave	0.10		
		Low strength	1.00				
		Shrink-swell	0.50				
AddB2: Avonburg-----	75	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Cutbanks cave	0.10		
		Low strength	1.00				
		Shrink-swell	0.50				
BbhA: Bartle-----	83	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Cutbanks cave	0.10	Depth to cemented pan	0.46
		Low strength	1.00				
BodAH: Bonnie-----	75	Very limited Ponding	1.00	Very limited Ponding	1.00	Very limited Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Flooding	1.00
		Frost action	1.00	Flooding	0.80	Depth to saturated zone	1.00
		Flooding	1.00	Cutbanks cave	0.10		
		Low strength	1.00				
CkkB2: Cincinnati-----	80	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to cemented pan	0.35
		Low strength	1.00	Cutbanks cave	0.10	Depth to saturated zone	0.19
		Shrink-swell	0.50				
		Depth to saturated zone	0.19				

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
CkkC2: Cincinnati, eroded--	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to cemented pan	0.90
		Low strength	1.00	Cutbanks cave	0.10	Depth to saturated zone	0.19
		Shrink-swell	0.50	Slope	0.04	Slope	0.04
		Depth to saturated zone	0.19				
		Slope	0.04				
CkkC3: Cincinnati-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.43
		Low strength	1.00	Cutbanks cave	0.10	Slope	0.04

		Depth to saturated zone	0.43	Slope	0.04		
		Slope	0.04				
CkkD2: Cincinnati-----	100	Very limited Frost action	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Low strength	1.00	Depth to saturated zone	1.00		
		Slope	1.00	Cutbanks cave	0.10		
CkkD3: Cincinnati-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Slope	1.00
		Low strength	1.00	Slope	1.00	Depth to saturated zone	0.43
		Slope	1.00	Cutbanks cave	0.10		
		Depth to saturated zone	0.43				
Ck1C2: Cincinnati-----	60	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.04
		Low strength	1.00	Cutbanks cave	0.10		
		Slope	0.04	Slope	0.04		
Nabb-----	40	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.43
		Low strength	1.00	Cutbanks cave	0.10	Depth to cemented pan	0.23
		Shrink-swell	0.50				
		Depth to saturated zone	0.43				

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ClfA: Cobbsfork-----	75	Very limited Ponding	1.00	Very limited Ponding	1.00	Very limited Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Frost action	1.00	Cutbanks cave	0.10		
CrbF: Corydon-----	85	Very limited Depth to hard bedrock	1.00	Very limited Depth to hard bedrock	1.00	Very limited Depth to bedrock	1.00
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Content of large stones	0.69	Content of large stones	1.00
		Shrink-swell	1.00	Too clayey	0.18	Droughty	0.98
		Content of large stones	0.69	Cutbanks cave	0.10		
Rock Outcrop-----	15	Not rated		Not rated		Not rated	
CxdA: Cyclone-----	90	Very limited Ponding	1.00	Very limited Ponding	1.00	Very limited Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Frost action	1.00	Cutbanks cave	0.10		
		Low strength	1.00				
		Shrink-swell	0.50				
EdcAH: Eel-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Flooding	1.00
		Flooding	1.00	Flooding	0.80	Depth to saturated zone	0.19
		Depth to saturated zone	0.19	Cutbanks cave	0.10		
EepA: Elkinsville-----	100	Very limited Frost action	1.00	Somewhat limited Cutbanks cave	0.10	Not limited	
		Shrink-swell	0.50				

EepB2:							
Elkinsville-----	100	Very limited		Somewhat limited		Not limited	
		Frost action	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50				
EepC2:							
Elkinsville-----	100	Very limited		Somewhat limited		Somewhat limited	
		Frost action	1.00	Cutbanks cave	0.10	Slope	0.04
		Shrink-swell	0.50	Slope	0.04		
		Slope	0.04				

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
FdbA:							
Fincastle-----	84	Very limited		Very limited		Very limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Low strength	1.00	Depth to dense layer	0.50		
		Depth to saturated zone	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50				
FdmB2:							
Fincastle-----	50	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.94
		Low strength	1.00	Depth to dense layer	0.50		
		Depth to saturated zone	0.94	Cutbanks cave	0.10		
		Shrink-swell	0.50				
Russell-----	30	Very limited		Somewhat limited		Not limited	
		Frost action	1.00	Depth to dense layer	0.50		
		Low strength	1.00	Depth to saturated zone	0.24		
		Shrink-swell	0.50	Cutbanks cave	0.10		
GccAH:							
Genesee-----	100	Very limited		Somewhat limited		Very limited	
		Flooding	1.00	Flooding	0.80	Flooding	1.00
		Frost action	0.50	Cutbanks cave	0.10		
GmcC2:							
Grayford-----	100	Very limited		Somewhat limited		Somewhat limited	
		Frost action	1.00	Depth to hard bedrock	0.42	Slope	0.04
		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50	Slope	0.04		
		Slope	0.04				
GmcC3:							
Grayford-----	100	Very limited		Somewhat limited		Somewhat limited	
		Frost action	1.00	Depth to hard bedrock	0.42	Slope	0.04
		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50	Slope	0.04		
		Slope	0.04				
GmcD2:							
Grayford-----	100	Very limited		Very limited		Very limited	
		Frost action	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.50		
		Slope	1.00	Depth to hard bedrock	0.42		
		Shrink-swell	0.50	Cutbanks cave	0.10		

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
GmcD3:							
Grayford-----	100	Very limited		Very limited		Very limited	

		Frost action	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.50		
		Slope	1.00	Depth to hard bedrock	0.42		
		Shrink-swell	0.50	Cutbanks cave	0.10		
GufE2: Grayford-----	50	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	1.00	Too clayey	0.50		
		Low strength	1.00	Depth to hard bedrock	0.42		
		Shrink-swell	0.50	Cutbanks cave	0.10		
Corydon-----	30	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Cutbanks cave	0.10	Droughty	0.76
		Shrink-swell	1.00	Too clayey	0.02	Content of large stones	0.01
		Frost action	0.50				
Gxb: Gullied Land-----	100	Not rated		Not rated		Not rated	
HcgAH: Haymond-----	85	Very limited		Somewhat limited		Very limited	
		Frost action	1.00	Flooding	0.80	Flooding	1.00
		Flooding	1.00	Cutbanks cave	0.10		
HeeE2: Hickory-----	100	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50				
		Frost action	0.50				
HeeG: Hickory-----	100	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50				
		Frost action	0.50				
JaeB2: Jennings-----	80	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to cemented pan	0.71
		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50				

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
JaeC2: Jennings-----	100	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Slope	0.04
		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50	Slope	0.04		
		Slope	0.04				
JaeC3: Jennings-----	100	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.19
		Low strength	0.78	Cutbanks cave	0.10	Slope	0.04
		Depth to saturated zone	0.19	Slope	0.04		
		Slope	0.04				
JaeD2: Jennings-----	100	Very limited		Very limited		Very limited	
		Frost action	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Depth to saturated zone	1.00		
		Slope	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50				
JaeD3: Jennings-----	100	Very limited		Very limited		Very limited	
		Frost action	1.00	Depth to	1.00	Slope	1.00

		Slope	1.00	saturated zone Slope	1.00	Depth to saturated zone	0.19
		Low strength Depth to saturated zone	0.78 0.19	Cutbanks cave	0.10		
MmoC3: Miami-----	97	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.04
		Shrink-swell	0.50	Depth to dense layer	0.50		
		Frost action Slope	0.50 0.04	Cutbanks cave Slope	0.10 0.04		
MnpC2: Miami-----	95	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Slope	0.04
		Shrink-swell	0.50	Depth to dense layer	0.50		
		Frost action Slope	0.50 0.04	Cutbanks cave Slope	0.10 0.04		

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
MnpD2: Miami-----	95	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Low strength	1.00	Depth to saturated zone	1.00		
		Shrink-swell	0.50	Depth to dense layer	0.50		
		Frost action	0.50	Cutbanks cave	0.10		
NaaA: Nabb-----	85	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.75
		Low strength	1.00	Cutbanks cave	0.10	Depth to cemented pan	0.10
		Depth to saturated zone	0.75				
		Shrink-swell	0.50				
NaaB2: Nabb-----	78	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.75
		Low strength	1.00	Cutbanks cave	0.10	Depth to cemented pan	0.20
		Depth to saturated zone	0.75				
		Shrink-swell	0.50				
NaaB3: Nabb-----	78	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.43
		Low strength	1.00	Cutbanks cave	0.10	Depth to cemented pan	0.23
		Shrink-swell	0.50				
		Depth to saturated zone	0.43				
PbbB2: Parke-----	100	Very limited Frost action	1.00	Somewhat limited Cutbanks cave	0.10	Not limited	
		Low strength	1.00				
		Shrink-swell	0.50				
PbbC2: Parke-----	100	Very limited Frost action	1.00	Somewhat limited Cutbanks cave	0.10	Somewhat limited Slope	0.04
		Slope	0.04	Slope	0.04		
PbbC3: Parke-----	100	Very limited Frost action	1.00	Somewhat limited Cutbanks cave	0.10	Somewhat limited Slope	0.04
		Slope	0.04	Slope	0.04		

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
PcrA: Pekin-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.75
		Low strength	1.00	Cutbanks cave	0.10	Depth to cemented pan	0.54
		Depth to saturated zone	0.75				
PcrB2: Pekin-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.75
		Low strength	1.00	Cutbanks cave	0.10	Depth to cemented pan	0.54
		Depth to saturated zone	0.75				
PcrC2: Pekin-----	76	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.75
		Low strength	1.00	Cutbanks cave	0.10	Depth to cemented pan	0.64
		Depth to saturated zone	0.75	Slope	0.04	Slope	0.04
		Slope	0.04				
PhaA: Peoga-----	83	Very limited Ponding	1.00	Very limited Ponding	1.00	Very limited Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Frost action	1.00	Cutbanks cave	0.10		
		Low strength	1.00				
Pml: Pits, Quarry-----	100	Not rated		Not rated		Not rated	
RpuE2: Rohan-----	75	Very limited Depth to hard bedrock	1.00	Very limited Depth to hard bedrock	1.00	Very limited Depth to bedrock	1.00
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Cutbanks cave	0.10	Droughty	1.00
						Gravel content	0.29
						Content of large stones	0.03
RtcB2: Ryker-----	92	Very limited Frost action	1.00	Somewhat limited Cutbanks cave	0.10	Not limited	
		Low strength	1.00				
		Shrink-swell	0.50				

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
StaAH: Steff-----	88	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Flooding	1.00
		Flooding	1.00	Flooding	0.80	Depth to saturated zone	0.75
		Low strength	1.00	Cutbanks cave	0.10		
		Depth to saturated zone	0.75				
StdAH: Stendal-----	89	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Flooding	1.00

		Flooding	1.00	Flooding	0.80	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Cutbanks cave	0.10		
		Low strength	1.00				
ThaC2: Trappist-----	84	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to hard bedrock	1.00	Depth to bedrock	0.35
		Low strength	1.00	Cutbanks cave	0.10	Slope	0.04
		Shrink-swell	0.50	Slope	0.04		
		Depth to hard bedrock	0.35	Too clayey	0.01		
		Slope	0.04				
ThaD2: Trappist-----	100	Very limited		Very limited		Very limited	
		Low strength	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Slope	1.00	Slope	1.00	Depth to bedrock	0.42
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Frost action	0.50				
		Depth to hard bedrock	0.42				
ThbC3: Trappist-----	75	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to hard bedrock	1.00	Depth to bedrock	0.90
		Low strength	1.00	Cutbanks cave	0.10	Slope	0.04
		Depth to hard bedrock	0.90	Slope	0.04	Droughty	0.03
		Shrink-swell	0.50	Too clayey	0.01		
		Slope	0.04				

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ThbD3: Trappist-----	100	Very limited		Very limited		Very limited	
		Low strength	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Slope	1.00	Slope	1.00	Depth to bedrock	0.42
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Frost action	0.50				
		Depth to hard bedrock	0.42				
W: Water-----	100	Not rated		Not rated		Not rated	
WaaAH: Wakeland-----	85	Very limited		Very limited		Very limited	
		Frost action	1.00	Depth to saturated zone	1.00	Flooding	1.00
		Flooding	1.00	Flooding	0.80	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Cutbanks cave	0.10		
WokAH: Wilbur-----	88	Very limited		Very limited		Very limited	
		Frost action	1.00	Depth to saturated zone	1.00	Flooding	1.00
		Flooding	1.00	Flooding	0.80	Depth to saturated zone	0.75
		Depth to saturated zone	0.75	Cutbanks cave	0.10		