

(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		
		Low strength	1.00				
BcrAQ: Beanblossom-----	90	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.87	Not limited	
		Flooding	0.40	Cutbanks cave	0.10		
BcrAW: Beanblossom-----	89	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.87	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60		
				Cutbanks cave	0.10		
BdoA: Bedford-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to cemented pan	0.46
		Low strength	1.00	Too clayey	1.00	Depth to saturated zone	0.19
		Shrink-swell	0.50	Cutbanks cave	0.10		
		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
BdoB: Bedford-----	90	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	Too clayey	1.00	Depth to saturated zone	0.19
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Depth to saturated zone	0.19				
BfbC2: Blocher, Soft Bedrock Substratum-	46	Very limited		Very limited		Somewhat limited	

		Frost action	1.00	Depth to saturated zone	1.00	Slope	0.04
		Low strength	1.00	Too clayey	0.12		
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Slope	0.04	Slope	0.04		
Weddel-----	30	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.75
		Low strength	1.00	Cutbanks cave	0.10	Slope	0.04
		Depth to saturated zone	0.75	Slope	0.04		
		Shrink-swell	0.50				
		Slope	0.04				
BfcC3: Blocher, Soft Bedrock Substratum-	49	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Slope	0.04
		Low strength	1.00	Too clayey	0.12		
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Slope	0.04	Slope	0.04		
Weddel-----	32	Very limited		Very limited		Very limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Cutbanks cave	0.10	Slope	0.04
		Low strength	1.00	Slope	0.04		
		Slope	0.04	Too clayey	0.02		
BnyD3: Bonnell-----	74	Very limited		Very limited		Very limited	
		Low strength	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Cutbanks cave	0.10		
		Slope	1.00	Too clayey	0.01		
		Frost action	0.50				
BobE5: Bonnell, gullied----	45	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	1.00	Too clayey	0.01		
		Frost action	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
Hickory, gullied----	30	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				
BodAW: Bonnie-----	73	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	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	Flooding	0.60	Flooding	0.60
		Flooding	1.00	Cutbanks cave	0.10		
		Low strength	1.00				
BvoG: Brownstown-----	39	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Frost action	0.50	Slope	1.00	Depth to bedrock	0.06
		Content of large stones	0.18	Content of large stones	0.18	Droughty	0.01
		Depth to hard bedrock	0.06	Cutbanks cave	0.10		
Gilwood-----	38	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Frost action	0.50	Slope	1.00	Depth to bedrock	0.29
		Depth to hard bedrock	0.29	Cutbanks cave	0.10		
CcaG: Caneyville-----	53	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00

		Low strength	1.00	Slope	1.00	Depth to bedrock	0.20
		Shrink-swell	1.00	Too clayey	0.76		
		Frost action	0.50	Cutbanks cave	0.10		
		Depth to hard bedrock	0.20				
Rock Outcrop-----	15	Not rated		Not rated		Not rated	
CkkB2: Cincinnati-----	80	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	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
CldC2: Cincinnati-----	42	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	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				
Blocher-----	34	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.19
		Low strength	1.00	Cutbanks cave	0.10	Slope	0.04
		Shrink-swell	0.50	Slope	0.04		
		Depth to saturated zone	0.19				
		Slope	0.04				
CldC3: Cincinnati-----	42	Very limited		Very limited		Very limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to cemented pan	1.00
		Low strength	1.00	Cutbanks cave	0.10	Depth to saturated zone	0.75
		Depth to saturated zone	0.75	Slope	0.04	Droughty	0.69
		Shrink-swell	0.50			Slope	0.04
		Slope	0.04				
Blocher-----	34	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				
ClfA: Cobbsfork-----	75	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	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		
ComC: Coolville-----	71	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	Cutbanks cave	0.10	Slope	0.04
		Depth to saturated zone	1.00	Slope	0.04		
		Shrink-swell	0.50	Too clayey	0.02		
		Slope	0.04				

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

Map symbol and soil name	Pct. of map	Local roads and streets	Shallow excavations	Lawns and landscaping
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		unit						
			Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ConC3:								
Coolville-----	45	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	
		Low strength Depth to saturated zone	1.00 1.00	Cutbanks cave Slope	0.10 0.04	Slope	0.04	
		Shrink-swell Slope	0.50 0.04	Too clayey	0.02			
Rarden-----	45	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	
		Low strength Depth to saturated zone	1.00 1.00	Too clayey Cutbanks cave	0.18 0.10	Slope Depth to bedrock	0.04 0.03	
		Shrink-swell Slope	0.50 0.04	Slope Depth to soft bedrock	0.04 0.03			
ConD:								
Coolville-----	51	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	1.00	
		Slope Depth to saturated zone	1.00 1.00	Cutbanks cave Too clayey	0.10 0.02			
		Shrink-swell	0.50					
Rarden-----	30	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	1.00	
		Slope Depth to saturated zone	1.00 1.00	Too clayey Cutbanks cave	0.18 0.10	Depth to bedrock	0.06	
		Shrink-swell	0.50	Depth to soft bedrock	0.06			
CspA:								
Crider-----	85	Very limited Frost action	1.00	Very limited Too clayey	1.00	Not limited		
		Low strength Shrink-swell	1.00 0.50	Cutbanks cave	0.10			
CspB2:								
Crider, eroded-----	85	Very limited Frost action	1.00	Somewhat limited Too clayey	0.97	Not limited		
		Low strength Shrink-swell	1.00 0.50	Cutbanks cave	0.10			

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

		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
CtrB2:								
Crider, karst-----	78	Very limited Frost action	1.00	Somewhat limited Too clayey	0.97	Not limited		
		Low strength Shrink-swell	1.00 0.50	Cutbanks cave	0.10			
CtwB:								
Crider-----	39	Very limited Frost action	1.00	Somewhat limited Too clayey	0.82	Not limited		
		Low strength Shrink-swell	1.00 0.50	Cutbanks cave	0.10			
Bedford-----	29	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	Too clayey	1.00	Depth to saturated zone	0.75	
		Depth to saturated zone Shrink-swell	0.75 0.50	Cutbanks cave	0.10			
Navilleton-----	28	Very limited		Very limited		Not limited		

		Frost action	1.00	Too clayey	1.00		
		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50				
CwaAQ:							
Cuba-----	92	Very limited		Very limited		Not limited	
		Frost action	1.00	Cutbanks cave	1.00		
		Low strength	0.78				
		Flooding	0.40				
CxgC3:							
Crider, severely eroded-----	46	Very limited		Somewhat limited		Somewhat limited	
		Frost action	1.00	Too clayey	0.97	Slope	0.04
		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50	Slope	0.04		
		Slope	0.04				
Haggatt, severely eroded-----	46	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Too clayey	1.00	Slope	0.04
		Low strength	1.00	Depth to hard bedrock	0.42		
		Shrink-swell	1.00	Cutbanks cave	0.10		
		Slope	0.04	Slope	0.04		
CxhC2:							
Crider-----	56	Very limited		Somewhat limited		Somewhat limited	
		Frost action	1.00	Too clayey	0.97	Slope	0.04
		Low strength	1.00	Cutbanks cave	0.10		
		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
Haggatt-----	37	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Too clayey	1.00	Slope	0.04
		Low strength	1.00	Depth to hard bedrock	0.42		
		Shrink-swell	1.00	Cutbanks cave	0.10		
		Slope	0.04	Slope	0.04		
CxmC2:							
Crider, karst-----	52	Very limited		Somewhat limited		Somewhat limited	
		Frost action	1.00	Too clayey	0.97	Slope	0.04
		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50	Slope	0.04		
		Slope	0.04				
Haggatt, karst-----	35	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Too clayey	1.00	Slope	0.04
		Low strength	1.00	Depth to hard bedrock	0.42		
		Shrink-swell	1.00	Cutbanks cave	0.10		
		Slope	0.04	Slope	0.04		
CxnC3:							
Crider, karst, severely eroded----	44	Very limited		Somewhat limited		Somewhat limited	
		Frost action	1.00	Too clayey	0.97	Slope	0.04
		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50	Slope	0.04		
		Slope	0.04				
Haggatt, severely eroded-----	44	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Too clayey	1.00	Slope	0.04
		Low strength	1.00	Depth to hard bedrock	0.42		
		Shrink-swell	1.00	Cutbanks cave	0.10		
		Slope	0.04	Slope	0.04		
DbrG:							
Deam-----	94	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Cutbanks cave	0.10	Depth to bedrock	0.06
		Shrink-swell	0.50	Depth to soft bedrock	0.06		
		Frost action	0.50	Too clayey	0.04		
DdsAW:							
Dearborn-----	80	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Content of large stones	1.00	Flooding	0.60

		Flooding	1.00	Flooding	0.60	Content of large stones	0.08
		Content of large stones	1.00	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
DfnA: Dubois-----	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	Depth to cemented pan	0.01
		Low strength	1.00				
		Shrink-swell	0.50				
DtvC2: Deputy-----	50	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	Too clayey	0.12	Slope	0.04
		Depth to saturated zone	0.75	Cutbanks cave	0.10		
		Shrink-swell	0.50	Slope	0.04		
		Slope	0.04				
Trappist-----	27	Very limited Frost action	1.00	Very limited Depth to hard bedrock	1.00	Somewhat limited 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				
EbpD2: Eden-----	82	Very limited Low strength	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Shrink-swell	1.00	Too clayey	0.50	Droughty	0.76
		Slope	1.00	Depth to soft bedrock	0.42	Depth to bedrock	0.42
		Frost action	0.50	Cutbanks cave	0.10	Content of large stones	0.16
		Content of large stones	0.06	Content of large stones	0.06		
EesA: Elkinsville-----	52	Very limited Frost action	1.00	Somewhat limited Cutbanks cave	0.10	Not limited	
		Low strength	1.00				
		Shrink-swell	0.50				
Millstone-----	43	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
EesB: Elkinsville-----	52	Very limited Frost action	1.00	Somewhat limited Cutbanks cave	0.10	Not limited	
		Low strength	1.00				
		Shrink-swell	0.50				
Millstone-----	43	Somewhat limited Frost action	0.50	Somewhat limited Cutbanks cave	0.10	Not limited	

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
EesC2: Elkinsville-----	44	Very limited Frost action	1.00	Somewhat limited Cutbanks cave	0.10	Somewhat limited Slope	0.04
		Low strength	1.00	Slope	0.04		
		Shrink-swell	0.50				
		Slope	0.04				

Millstone-----	43	Somewhat limited Frost action Slope	0.50 0.04	Somewhat limited Cutbanks cave Slope	0.10 0.04	Somewhat limited Slope	0.04
EesD2: Elkinsville-----	44	Very limited Frost action Slope Low strength Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
Millstone-----	44	Very limited Slope Frost action	1.00 0.50	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
EesFQ: Elkinsville-----	48	Very limited Slope Frost action Shrink-swell Flooding	1.00 1.00 0.50 0.40	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
Millstone-----	47	Very limited Slope Frost action Flooding	1.00 0.50 0.40	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
EsaG: Eden-----	74	Very limited Slope Low strength Shrink-swell Frost action Content of large stones	1.00 1.00 1.00 0.50 0.28	Very limited Slope Too clayey Depth to soft bedrock Content of large stones Cutbanks cave	1.00 0.50 0.42 0.28 0.10	Very limited Slope Depth to bedrock Content of large stones	1.00 0.42 0.16
GgbG: Gilwood-----	45	Very limited Slope Frost action Depth to hard bedrock	1.00 0.50 0.29	Very limited Depth to hard bedrock Slope Cutbanks cave	1.00 1.00 0.10	Very limited Slope Depth to bedrock	1.00 0.29

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
Brownstown-----	35	Very limited Slope Frost action Content of large stones Depth to hard bedrock	1.00 0.50 0.18 0.06	Very limited Depth to hard bedrock Slope Content of large stones Cutbanks cave	1.00 1.00 0.18 0.10	Very limited Slope Depth to bedrock Droughty	1.00 0.06 0.01
GgfD: Gilwood-----	39	Very limited Frost action Slope Depth to hard bedrock	1.00 0.84 0.29	Very limited Depth to hard bedrock Slope Cutbanks cave	1.00 0.84 0.10	Somewhat limited Slope Depth to bedrock	0.84 0.29
Wrays-----	38	Very limited Frost action Low strength Slope Shrink-swell	1.00 1.00 0.84 0.50	Somewhat limited Depth to hard bedrock Slope Cutbanks cave	0.88 0.84 0.10	Somewhat limited Slope	0.84
GgfE2: Gilwood-----	42	Very limited Frost action Slope Depth to hard bedrock	1.00 1.00 0.29	Very limited Depth to hard bedrock Slope Cutbanks cave	1.00 1.00 0.10	Very limited Slope Depth to bedrock	1.00 0.29
Wrays-----	36	Very limited Frost action Low strength	1.00 1.00	Very limited Slope Depth to hard bedrock	1.00 0.88	Very limited Slope	1.00

		Slope	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50				
GmaG:							
Gnawbone-----	48	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Cutbanks cave	0.10	Depth to bedrock	0.01
		Frost action	0.50	Depth to soft bedrock	0.01		
Kurtz-----	32	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	1.00	Cutbanks cave	0.10		
		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
GyaD2:							
Grayford-----	73	Very limited		Very limited		Very limited	
		Frost action	1.00	Slope	1.00	Slope	1.00
		Slope	1.00	Too clayey	1.00		
		Low strength	1.00	Depth to hard bedrock	0.42		
		Shrink-swell	0.50	Cutbanks cave	0.10		
GyaD3:							
Grayford-----	78	Very limited		Very limited		Very limited	
		Frost action	1.00	Slope	1.00	Slope	1.00
		Slope	1.00	Too clayey	1.00		
		Low strength	1.00	Depth to hard bedrock	0.42		
		Shrink-swell	0.50	Cutbanks cave	0.10		
GyaD5:							
Grayford, gullied---	65	Very limited		Very limited		Very limited	
		Frost action	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Too clayey	1.00		
		Low strength	1.00	Depth to hard bedrock	0.42		
		Slope	1.00	Cutbanks cave	0.10		
GykD2:							
Grayford, karst-----	74	Very limited		Very limited		Very limited	
		Frost action	1.00	Slope	1.00	Slope	1.00
		Slope	1.00	Too clayey	1.00		
		Low strength	1.00	Depth to hard bedrock	0.42		
		Shrink-swell	0.50	Cutbanks cave	0.10		
GykD3:							
Grayford, karst-----	74	Very limited		Very limited		Very limited	
		Frost action	1.00	Slope	1.00	Slope	1.00
		Slope	1.00	Too clayey	1.00		
		Low strength	1.00	Depth to hard bedrock	0.42		
		Shrink-swell	0.50	Cutbanks cave	0.10		
HcaA:							
Hatfield-----	85	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	Cutbanks cave	0.10		
		Depth to saturated zone	0.94				
		Shrink-swell	0.50				
HccB2:							
Haubstadt-----	84	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.75
		Low strength	1.00	Cutbanks cave	0.10	Depth to cemented pan	0.29
		Depth to saturated zone	0.75				
		Shrink-swell	0.50				

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

Map symbol and soil name	Pct. of map	Local roads and streets	Shallow excavations	Lawns and landscaping
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		unit					
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
HcdC2:							
Haubstadt-----	55	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	Slope	0.04	Slope	0.04
		Shrink-swell	0.50				
		Slope	0.04				
Shircliff-----	23	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	Slope	0.37	Slope	0.37
		Shrink-swell	1.00	Too clayey	0.32		
		Depth to saturated zone	0.75	Cutbanks cave	0.10		
		Slope	0.37				
HceC3:							
Haubstadt-----	55	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to cemented pan	1.00
		Depth to saturated zone	1.00	Cutbanks cave	0.10	Depth to saturated zone	1.00
		Low strength	1.00	Slope	0.04	Droughty	0.11
		Shrink-swell	0.50			Slope	0.04
		Slope	0.04				
Shircliff-----	23	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	Slope	0.37	Slope	0.37
		Shrink-swell	1.00	Too clayey	0.32		
		Depth to saturated zone	0.75	Cutbanks cave	0.10		
		Slope	0.37				
HcgAH:							
Haymond-----	85	Very limited Frost action	1.00	Somewhat limited Flooding	0.80	Very limited Flooding	1.00
		Flooding	1.00	Cutbanks cave	0.10		
HcgAV:							
Haymond-----	85	Very limited Frost action	1.00	Somewhat limited Flooding	0.80	Very limited Flooding	1.00
		Flooding	1.00	Cutbanks cave	0.10		
HcgAW:							
Haymond-----	82	Very limited Frost action	1.00	Somewhat limited Flooding	0.60	Somewhat limited Flooding	0.60
		Flooding	1.00	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	
HerE:							
Hickory-----	45	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50				
		Frost action	0.50				
Bonnell-----	38	Very limited Low strength	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Shrink-swell	1.00	Cutbanks cave	0.10		
		Slope	1.00	Too clayey	0.02		
		Frost action	0.50				
HtwD2:							
Haggatt-----	51	Very limited Frost action	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Low strength	1.00	Too clayey	1.00		
		Shrink-swell	1.00	Depth to hard bedrock	0.42		
		Slope	1.00	Cutbanks cave	0.10		
Caneyville-----	31	Very limited		Very limited		Very limited	

			Frost action	1.00	Depth to hard bedrock	1.00	Slope	1.00
			Low strength	1.00	Slope	1.00	Depth to bedrock	0.46
			Shrink-swell	1.00	Too clayey	0.50		
			Slope	1.00	Cutbanks cave	0.10		
			Depth to hard bedrock	0.46				
HtzD3: Haggatt, severely eroded-----	51	Very limited			Very limited		Very limited	
			Frost action	1.00	Slope	1.00	Slope	1.00
			Low strength	1.00	Too clayey	1.00		
			Shrink-swell	1.00	Depth to hard bedrock	0.42		
			Slope	1.00	Cutbanks cave	0.10		
Caneyville, severely eroded-----	41	Very limited			Very limited		Very limited	
			Low strength	1.00	Depth to hard bedrock	1.00	Slope	1.00
			Shrink-swell	1.00	Slope	1.00	Depth to bedrock	0.90
			Slope	1.00	Too clayey	0.50	Droughty	0.38
			Depth to hard bedrock	0.90	Cutbanks cave	0.10		
			Frost action	0.50				
HufAK: Huntington-----	85	Very limited			Somewhat limited		Somewhat limited	
			Frost action	1.00	Flooding	0.60	Flooding	0.60
			Flooding	1.00	Cutbanks cave	0.10		
			Low strength	1.00				

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	
HuhD2: Haggatt, karst-----	46	Very limited		Very limited		Very limited		
			Frost action	1.00	Slope	1.00	Slope	1.00
			Low strength	1.00	Too clayey	1.00		
			Shrink-swell	1.00	Depth to hard bedrock	0.42		
			Slope	1.00	Cutbanks cave	0.10		
Caneyville, karst---	31	Very limited		Very limited		Very limited		
			Frost action	1.00	Depth to hard bedrock	1.00	Slope	1.00
			Low strength	1.00	Slope	1.00	Depth to bedrock	0.46
			Shrink-swell	1.00	Too clayey	0.50		
			Slope	1.00	Cutbanks cave	0.10		
			Depth to hard bedrock	0.46				
HujD3: Haggatt, karst-----	46	Very limited		Very limited		Very limited		
			Frost action	1.00	Slope	1.00	Slope	1.00
			Low strength	1.00	Too clayey	1.00		
			Shrink-swell	1.00	Depth to hard bedrock	0.42		
			Slope	1.00	Cutbanks cave	0.10		
Caneyville, karst---	39	Very limited		Very limited		Very limited		
			Low strength	1.00	Depth to hard bedrock	1.00	Slope	1.00
			Shrink-swell	1.00	Slope	1.00	Depth to bedrock	0.46
			Slope	1.00	Too clayey	0.50	Droughty	0.38
			Frost action	0.50	Cutbanks cave	0.10		
			Depth to hard bedrock	0.46				
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				
JafC2: Jennings-----	45	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	Slope	0.04
			Shrink-swell	0.50	Slope	0.04		
			Slope	0.04				

Blocher, Hard Bedrock Substratum-	30	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		
		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
JafC3: Jennings-----	45	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to cemented pan	1.00
		Low strength	1.00	Cutbanks cave	0.10	Depth to saturated zone	0.75
		Depth to saturated zone	0.75	Slope	0.04	Droughty	0.34
		Shrink-swell	0.50			Slope	0.04
		Slope	0.04				
Blocher, Hard Bedrock Substratum-	30	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		
		Shrink-swell	0.50	Slope	0.04		
		Slope	0.04				
KxkC2: Knobcreek-----	37	Very limited Frost action	1.00	Very limited Too clayey	1.00	Somewhat limited Slope	0.04
		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	1.00	Slope	0.04		
		Slope	0.04				
Navilleton-----	35	Very limited Frost action	1.00	Very limited Too clayey	1.00	Somewhat limited Slope	0.04
		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50	Slope	0.04		
		Slope	0.04				
KxlC3: Knobcreek-----	33	Very limited Frost action	1.00	Very limited Too clayey	1.00	Somewhat limited Slope	0.04
		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	1.00	Slope	0.04		
		Slope	0.04				
Haggatt-----	26	Very limited Frost action	1.00	Very limited Too clayey	1.00	Somewhat limited Slope	0.04
		Low strength	1.00	Content of organic matter	1.00		
		Shrink-swell	1.00	Depth to hard bedrock	0.96		
		Slope	0.04	Cutbanks cave	0.10		
				Slope	0.04		
Caneyville-----	24	Very limited Low strength	1.00	Very limited Depth to hard bedrock	1.00	Somewhat limited Depth to bedrock	0.90
		Shrink-swell	1.00	Too clayey	0.76	Droughty	0.47
		Depth to hard bedrock	0.90	Cutbanks cave	0.10	Slope	0.04
		Frost action	0.50	Slope	0.04	Content of large stones	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
KxlE3: Knobcreek-----	35	Very limited Frost action	1.00	Very limited Slope	1.00	Very limited Slope	1.00

		Low strength	1.00	Too clayey	1.00		
		Shrink-swell	1.00	Cutbanks cave	0.10		
		Slope	1.00				
Haggatt-----	22	Very limited		Very limited		Very limited	
		Frost action	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	1.00		
		Shrink-swell	1.00	Content of	1.00		
		Slope	1.00	organic matter			
				Depth to hard	0.96		
				bedrock			
				Cutbanks cave	0.10		
Caneyville-----	21	Very limited		Very limited		Very limited	
		Low strength	1.00	Depth to hard	1.00	Slope	1.00
				bedrock			
		Shrink-swell	1.00	Slope	1.00	Depth to bedrock	0.90
		Slope	1.00	Too clayey	0.76	Droughty	0.47
		Depth to hard	0.90	Cutbanks cave	0.10	Content of large	0.01
		bedrock				stones	
		Frost action	0.50				
KxmE2:							
Knobcreek-----	33	Very limited		Very limited		Very limited	
		Frost action	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	1.00		
		Shrink-swell	1.00	Cutbanks cave	0.10		
		Slope	1.00				
Haggatt-----	22	Very limited		Very limited		Very limited	
		Frost action	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	1.00		
		Shrink-swell	1.00	Content of	1.00		
		Slope	1.00	organic matter			
				Depth to hard	0.88		
				bedrock			
				Cutbanks cave	0.10		
Caneyville-----	20	Very limited		Very limited		Very limited	
		Low strength	1.00	Depth to hard	1.00	Slope	1.00
				bedrock			
		Shrink-swell	1.00	Slope	1.00	Depth to bedrock	0.06
		Slope	1.00	Too clayey	0.76		
		Frost action	0.50	Cutbanks cave	0.10		
		Depth to hard	0.06				
		bedrock					
KxoC2:							
Knobcreek, karst----	29	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Too clayey	1.00	Slope	0.04
		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	1.00	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
Navilleton, karst----	28	Very limited		Very limited		Not limited	
		Frost action	1.00	Too clayey	1.00		
		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50				
Haggatt, karst-----	27	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Too clayey	1.00	Slope	0.04
		Low strength	1.00	Content of	1.00		
		Shrink-swell	1.00	organic matter			
		Slope	0.04	Depth to hard	0.88		
				bedrock			
				Cutbanks cave	0.10		
				Slope	0.04		
KxpD2:							
Knobcreek, karst----	35	Very limited		Very limited		Very limited	
		Frost action	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	1.00		
		Shrink-swell	1.00	Cutbanks cave	0.10		
		Slope	1.00				
Haggatt, karst-----	31	Very limited		Very limited		Very limited	
		Frost action	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	1.00		
		Shrink-swell	1.00	Content of	1.00		
		Slope	1.00	organic matter			
				Depth to hard	0.88		
				bedrock			

				Cutbanks cave	0.10		
Caneyville, karst---	30	Very limited		Very limited		Very limited	
		Low strength	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Shrink-swell	1.00	Slope	1.00	Depth to bedrock	0.06
		Slope	1.00	Too clayey	0.76		
		Frost action	0.50	Cutbanks cave	0.10		
		Depth to hard bedrock	0.06				
LpoAK: Lindside-----	82	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.75
		Flooding	1.00	Flooding	0.60	Flooding	0.60
		Low strength	1.00	Cutbanks cave	0.10		
		Depth to saturated zone	0.75				
		Shrink-swell	0.50				
McgC2: Markland-----	74	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.32	Slope	0.04
		Shrink-swell	1.00	Cutbanks cave	0.10		
		Frost action	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
McngQ: Markland-----	90	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	1.00	Too clayey	0.12		
		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	1.00				
		Flooding	0.40				
McpC3: Markland-----	61	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.12	Slope	0.04
		Shrink-swell	1.00	Cutbanks cave	0.10		
		Frost action	0.50	Slope	0.04		
		Slope	0.04				
McuDQ: Markland-----	70	Very limited		Very limited		Very limited	
		Low strength	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Too clayey	0.12		
		Slope	1.00	Cutbanks cave	0.10		
		Frost action	0.50				
		Flooding	0.40				
MdqDQ: Markland-----	85	Very limited		Very limited		Very limited	
		Low strength	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Too clayey	0.32		
		Slope	1.00	Cutbanks cave	0.10		
		Frost action	0.50				
		Flooding	0.40				
MhuA: Mcgary-----	93	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	Too clayey	0.12		
		Shrink-swell	1.00	Cutbanks cave	0.10		
		Depth to saturated zone	1.00				
MhyA: Medora-----	85	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to cemented pan	0.64
		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50				
MhyB2: Medora-----	88	Very limited		Very limited		Very limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to cemented pan	0.99
		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
MhyC2: Medora-----	73	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to cemented pan	0.99
		Low strength Shrink-swell Slope	1.00 0.50 0.04	Cutbanks cave Slope	0.10 0.04	Slope	0.04
MhyC3: Medora-----	75	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to cemented pan	1.00
		Low strength Depth to saturated zone Shrink-swell Slope	1.00 0.75 0.50 0.04	Cutbanks cave Slope	0.10 0.04	Depth to saturated zone Droughty Slope	0.75 0.36 0.04
MsvA: Montgomery, drained-	82	Very limited Ponding Depth to saturated zone Frost action Low strength Shrink-swell	1.00 1.00 1.00 1.00 1.00	Very limited Ponding Depth to saturated zone Too clayey Cutbanks cave	1.00 1.00 0.12 0.10	Very limited Ponding Depth to saturated zone	1.00 1.00
NaaA: Nabb-----	85	Very limited Frost action Low strength Depth to saturated zone Shrink-swell	1.00 1.00 0.75 0.50	Very limited Depth to saturated zone Cutbanks cave	1.00 0.10	Somewhat limited Depth to saturated zone Depth to cemented pan	0.75 0.10
NaaB2: Nabb-----	78	Very limited Frost action Low strength Depth to saturated zone Shrink-swell	1.00 1.00 0.75 0.50	Very limited Depth to saturated zone Cutbanks cave	1.00 0.10	Somewhat limited Depth to saturated zone Depth to cemented pan	0.75 0.20
NbhAK: Newark-----	80	Very limited Frost action Flooding Depth to saturated zone Low strength Shrink-swell	1.00 1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Flooding Cutbanks cave	1.00 0.60 0.10	Very limited Depth to saturated zone Flooding	1.00 0.60

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
OfbAW: Oldenburg-----	85	Very limited Flooding Depth to saturated zone Frost action	1.00 0.75 0.50	Very limited Cutbanks cave Depth to saturated zone Flooding	1.00 1.00 0.60	Somewhat limited Depth to saturated zone Flooding	0.75 0.60
PcrB2: Pekin-----	85	Very limited Frost action	1.00	Very limited Depth to	1.00	Somewhat limited Depth to	0.75

		Low strength	1.00	saturated zone		saturated zone	
		Depth to saturated zone	0.75	Cutbanks cave	0.10		
PcrC2: Pekin-----	72	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	Slope	0.04
		Depth to saturated zone	0.75	Slope	0.04		
		Slope	0.04				
PcrC3: Pekin-----	71	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	Slope	0.04
		Low strength	1.00	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-----	85	Not rated		Not rated		Not rated	
Ppu: Pits, Sand And Gravel-----	80	Not rated		Not rated		Not rated	

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
Rbld3: Rarden-----	78	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	1.00
		Slope	1.00	Depth to soft bedrock	0.29	Depth to bedrock	0.29
		Depth to saturated zone	1.00	Too clayey	0.18		
		Shrink-swell	0.50	Cutbanks cave	0.10		
Rbmd5: Rarden, gullied-----	74	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Low strength	1.00	Slope	0.84	Too clayey	1.00
		Depth to saturated zone	1.00	Depth to soft bedrock	0.79	Slope	0.84
		Slope	0.84	Too clayey	0.12	Depth to bedrock	0.80
		Shrink-swell	0.50	Cutbanks cave	0.10	Droughty	0.53
RptG: Rohan-----	45	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	0.27
						Content of large stones	0.01
Jessietown-----	36	Very limited Slope	1.00	Very limited Depth to hard bedrock	1.00	Very limited Slope	1.00
		Frost action	1.00	Slope	1.00	Depth to bedrock	0.46
		Low strength	1.00	Cutbanks cave	0.10		
		Depth to hard bedrock	0.46				

RtcA:							
Ryker-----	95	Very limited		Somewhat limited		Not limited	
		Frost action	1.00	Cutbanks cave	0.10		
		Low strength	1.00				
		Shrink-swell	0.50				
RtcB2:							
Ryker-----	92	Very limited		Somewhat limited		Not limited	
		Frost action	1.00	Cutbanks cave	0.10		
		Low strength	1.00				
		Shrink-swell	0.50				
RzrB2:							
Ryker-----	80	Very limited		Somewhat limited		Not limited	
		Frost action	1.00	Cutbanks cave	0.10		
		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
RztC2:							
Ryker-----	43	Very limited		Somewhat limited		Somewhat limited	
		Frost action	1.00	Too clayey	0.97	Slope	0.04
		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50	Slope	0.04		
		Slope	0.04				
Grayford-----	25	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Too clayey	1.00	Slope	0.04
		Low strength	1.00	Depth to hard bedrock	0.42		
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Slope	0.04	Slope	0.04		
RztC3:							
Ryker-----	44	Very limited		Somewhat limited		Somewhat limited	
		Frost action	1.00	Too clayey	0.97	Slope	0.04
		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50	Slope	0.04		
		Slope	0.04				
Grayford-----	28	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Too clayey	1.00	Slope	0.04
		Low strength	1.00	Depth to hard bedrock	0.42		
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Slope	0.04	Slope	0.04		
RzvC2:							
Ryker, karst-----	41	Very limited		Somewhat limited		Not limited	
		Frost action	1.00	Too clayey	0.97		
		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50				
Grayford, karst-----	26	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Too clayey	1.00	Slope	0.04
		Low strength	1.00	Depth to hard bedrock	0.42		
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Slope	0.04	Slope	0.04		
RzvC3:							
Ryker, karst-----	41	Very limited		Somewhat limited		Not limited	
		Frost action	1.00	Too clayey	0.97		
		Low strength	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50				
Grayford, karst-----	26	Very limited		Very limited		Not limited	
		Frost action	1.00	Too clayey	1.00		
		Low strength	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

SoeB2: Scottsburg-----	96	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	Too clayey	0.12		
		Depth to saturated zone	0.75	Cutbanks cave	0.10		
		Shrink-swell	0.50				
SfyB: Shircliff-----	75	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	Too clayey	0.12		
		Shrink-swell	1.00	Cutbanks cave	0.10		
		Depth to saturated zone	0.75				
SoaB: Spickert-----	95	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	0.35
		Depth to saturated zone	0.75				
		Shrink-swell	0.50				
SodB: Spickert, terrace---	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	0.15
		Depth to saturated zone	0.75				
		Shrink-swell	0.50				
SolC2: Spickert-----	44	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	0.35
		Depth to saturated zone	0.75	Slope	0.04	Slope	0.04
		Shrink-swell	0.50				
		Slope	0.04				
Wrays-----	32	Very limited Frost action	1.00	Somewhat limited Depth to hard bedrock	0.88	Somewhat limited Slope	0.04
		Low strength	1.00	Cutbanks cave	0.10		
		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
StaAQ: Steff-----	86	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 saturated zone	0.75				
		Flooding	0.40				
StdAQ: Stendal-----	88	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				
		Flooding	0.40				
StdAW: Stendal-----	87	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Flooding	1.00	Cutbanks cave	0.60	Flooding	0.60
		Depth to	1.00		0.10		

			saturated zone				
			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				
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				
ThbD5:							
Trappist, gullied---	73	Very limited	Very limited			Somewhat limited	
		Frost action	1.00	Depth to hard bedrock	1.00	Slope	0.84
		Low strength	1.00	Slope	0.84	Depth to bedrock	0.46
		Slope	0.84	Cutbanks cave	0.10	Droughty	0.43
		Shrink-swell	0.50	Too clayey	0.01		
		Depth to hard bedrock	0.46				

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
ThcD3:							
Trappist-----	44	Very limited		Very limited		Very limited	
		Frost action	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Low strength	1.00	Slope	1.00	Depth to bedrock	0.71
		Slope	1.00	Cutbanks cave	0.10		
		Depth to hard bedrock	0.71	Too clayey	0.01		
		Shrink-swell	0.50				
Rohan-----	29	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	Droughty	1.00
		Frost action	0.50	Cutbanks cave	0.10	Slope	1.00
						Gravel content	0.39
						Content of large stones	0.01
ThdD:							
Trappist-----	49	Very limited		Very limited		Very limited	
		Frost action	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Low strength	1.00	Slope	1.00	Depth to bedrock	0.10
		Slope	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50	Too clayey	0.01		
		Depth to hard bedrock	0.10				
Rohan-----	33	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	Droughty	1.00
		Frost action	0.50	Cutbanks cave	0.10	Slope	1.00
TsaC3:							
Trappist-----	46	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				
Deputy-----	23	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.75
		Low strength	1.00	Too clayey	0.12	Slope	0.04

		Depth to saturated zone	0.75	Cutbanks cave	0.10	
		Shrink-swell	0.50	Slope	0.04	
		Slope	0.04			
Uaa:						
Udorthents, Cut And Filled-----	83	Very limited		Somewhat limited		Not limited
		Low strength	1.00	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
UaoAK: Udifluvents, Cut And Filled-----	65	Very limited Flooding Low strength	1.00 1.00	Somewhat limited Flooding Cutbanks cave	0.60 0.10	Somewhat limited Flooding	0.60
Urban Land-----	25	Not rated		Not rated		Not rated	
UedA: Urban Land-----	60	Not rated		Not rated		Not rated	
Aquents, Clayey Substratum-----	25	Very limited Low strength	1.00	Somewhat limited Cutbanks cave	0.10	Not limited	
UndAY: Urban Land-----	65	Not rated		Not rated		Not rated	
Udifluvents-----	25	Very limited Low strength Flooding	1.00 0.40	Somewhat limited Cutbanks cave	0.10	Not limited	
UngB: Urban Land-----	45	Not rated		Not rated		Not rated	
Udarents, Fragipan Substratum-----	30	Very limited Low strength	1.00	Somewhat limited Cutbanks cave	0.10	Somewhat limited Depth to cemented pan	0.90
UnkB: Urban Land-----	45	Not rated		Not rated		Not rated	
Udarents, Silty Substratum-----	30	Very limited Low strength	1.00	Somewhat limited Cutbanks cave	0.10	Not limited	
UnpA: Urban Land-----	45	Not rated		Not rated		Not rated	
Udarents, Loamy Substratum-----	30	Very limited Low strength	1.00	Somewhat limited Cutbanks cave	0.10	Not limited	
UnsB: Urban Land, hills underlain with limestone-----	40	Not rated		Not rated		Not rated	

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
Udarents, Clayey							

Substratum, hills underlain with limestone-----	30	Very limited Low strength	1.00	Somewhat limited Cutbanks cave	0.10	Not limited	
W: Water-----	100	Not rated		Not rated		Not rated	
WaaAV: Wakeland-----	83	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		
WaaAW: Wakeland-----	82	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Flooding	1.00	Flooding	0.60	Flooding	0.60
		Depth to saturated zone	1.00	Cutbanks cave	0.10		
WedB2: Weddel-----	95	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 saturated zone	0.75				
		Shrink-swell	0.50				
WhcD: Wellrock-----	50	Very limited Frost action	1.00	Somewhat limited Slope	0.84	Somewhat limited Slope	0.84
		Low strength	1.00	Cutbanks cave	0.10		
		Slope	0.84				
		Shrink-swell	0.50				
Gnawbone-----	41	Very limited Frost action	1.00	Somewhat limited Slope	0.84	Somewhat limited Slope	0.84
		Low strength	1.00	Cutbanks cave	0.10	Depth to bedrock	0.01
		Slope	0.84	Depth to soft bedrock	0.01		
WnmA: Whitcomb-----	87	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Low strength	1.00	Cutbanks cave	0.10		
		Depth to saturated zone	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
WokAV: Wilbur-----	78	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
		Depth to saturated zone	0.75	Cutbanks cave	0.10		
WokAW: Wilbur-----	83	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.75
		Flooding	1.00	Flooding	0.60	Flooding	0.60
		Depth to saturated zone	0.75	Cutbanks cave	0.10		
WprAW: Wirt-----	83	Very limited Flooding	1.00	Very limited Cutbanks cave	1.00	Somewhat limited Flooding	0.60
		Frost action	0.50	Flooding	0.60		