

Building Site Development

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Plymouth County, Iowa

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
1B3: Ida-----	100	Very limited Frost action Low strength	1.00 1.00	Not limited		Not limited	
1C3: Ida-----	95	Very limited Frost action Low strength	1.00 1.00	Not limited		Not limited	
1D3: Ida-----	95	Very limited Frost action Low strength Slope	1.00 1.00 0.63	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
1E3: Ida-----	95	Very limited Frost action Slope Low strength	1.00 1.00 1.00	Very limited Slope	1.00	Very limited Slope	1.00
1F3: Ida-----	95	Very limited Slope Frost action Low strength	1.00 1.00 1.00	Very limited Slope	1.00	Very limited Slope	1.00
1G3: Ida-----	95	Very limited Slope Frost action Low strength	1.00 1.00 1.00	Very limited Slope	1.00	Very limited Slope	1.00
2G: Hamburg-----	95	Very limited Slope Frost action	1.00 1.00	Very limited Slope	1.00	Very limited Slope	1.00
3F: Castana-----	95	Very limited Frost action Slope Low strength	1.00 1.00 1.00	Very limited Slope	1.00	Very limited Slope	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
10B: Monona-----	95	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
10C2: Monona-----	90	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
10D2: Monona-----	90	Very limited Frost action Low strength Slope Shrink-swell	1.00 1.00 0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
10E2: Monona-----	90	Very limited Frost action Low strength Slope Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
12C: Napier-----	95	Very limited Frost action Low strength	1.00 1.00	Not limited		Not limited	
14D: Castana-----	95	Very limited Frost action Low strength Slope	1.00 1.00 0.63	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
18B: Mcpaul-----	50	Very limited Frost action Flooding Low strength	1.00 1.00 1.00	Somewhat limited Flooding Depth to saturated zone	0.60 0.16	Somewhat limited Flooding	0.60

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Kennebec-----	30	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.61	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60		
		Low strength	1.00				
		Shrink-swell	0.50				
19B: Kennebec-----	50	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.61	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60		
		Low strength	1.00				
		Shrink-swell	0.50				
Mcpaul-----	30	Very limited Frost action	1.00	Somewhat limited Flooding	0.60	Somewhat limited Flooding	0.60
		Flooding	1.00	Depth to saturated zone	0.16		
		Low strength	1.00				
26: Kennebec-----	95	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.61	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60		
		Low strength	1.00				
		Shrink-swell	0.50				
28B: Dickman-----	95	Not limited		Very limited cutbanks cave	0.90	Not limited	
33D3: Steinauer-----	95	Very limited Low strength	1.00	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Slope	0.63				
		Shrink-swell	0.50				
		Frost action	0.50				
33E3: Steinauer-----	95	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Low strength	1.00				
		Shrink-swell	0.50				
		Frost action	0.50				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
33F3: Steinauer-----	95	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope	1.00	Very limited Slope	1.00
36: Salix-----	95	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Somewhat limited Depth to saturated zone	0.15	Not limited	
66: Luton-----	95	Very limited Depth to saturated zone Flooding Low strength Shrink-swell Frost action	1.00 1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Too clayey Flooding	1.00 0.88 0.60	Very limited Depth to saturated zone Too clayey Flooding	1.00 1.00 0.60
70: Mcpaul-----	95	Very limited Frost action Flooding Low strength	1.00 1.00 1.00	Somewhat limited Flooding Depth to saturated zone	0.60 0.16	Somewhat limited Flooding	0.60
91B: Primghar-----	95	Very limited Frost action Low strength Shrink-swell	1.00 1.00 1.00	Somewhat limited Depth to saturated zone	0.61	Not limited	
108B: Wadena-----	95	Not limited		Not limited		Not limited	
114D3: Ida-----	50	Very limited Frost action Low strength Slope	1.00 1.00 0.16	Somewhat limited Slope	0.16	Somewhat limited Slope	0.16

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Wadena-----	30	Somewhat limited Slope	0.16	Somewhat limited Slope	0.16	Somewhat limited Slope	0.16
116: Graceville-----	90	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Very limited cutbanks cave Depth to saturated zone	0.90 0.16	Not limited	
116B: Graceville-----	90	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Very limited cutbanks cave Depth to saturated zone	0.90 0.16	Not limited	
133: Colo-----	95	Very limited Depth to saturated zone Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Flooding	1.00 0.60	Very limited Depth to saturated zone Flooding	1.00 0.60
133+: Colo-----	100	Very limited Depth to saturated zone Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Flooding	1.00 0.60	Very limited Depth to saturated zone Flooding	1.00 0.60
149: Modale Variant-----	95	Very limited Frost action Flooding Low strength Depth to saturated zone	1.00 1.00 1.00 0.03	Very limited Depth to saturated zone Too clayey Flooding	1.00 0.88 0.60	Somewhat limited Flooding Depth to saturated zone	0.60 0.03

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
156: Albaton-----	95	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Low strength	1.00	Too clayey	0.88	Too clayey	1.00
		Shrink-swell	1.00				
		Frost action	0.50				
		Flooding	0.40				
170D: Napier-----	50	Very limited Frost action	1.00	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Low strength	1.00				
		Slope	0.63				
Castana-----	30	Very limited Frost action	1.00	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Low strength	1.00				
		Slope	0.63				
189: Omadi-----	95	Very limited Frost action	1.00	Somewhat limited Flooding	0.60	Somewhat limited Flooding	0.60
		Flooding	1.00	Depth to saturated zone	0.15		
		Low strength	1.00				
212: Kennebec-----	95	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.61	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60		
		Low strength	1.00				
		Shrink-swell	0.50				
212B: Kennebec-----	95	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.61	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60		
		Low strength	1.00				
		Shrink-swell	0.50				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
310B: Galva-----	95	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
310C2: Galva-----	85	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
310D2: Galva-----	90	Very limited Frost action Low strength Slope Shrink-swell	1.00 1.00 0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
317C2: Galva-----	50	Very limited Frost action Low strength Shrink-swell Slope	1.00 1.00 0.50 0.16	Somewhat limited Slope	0.16	Somewhat limited Slope	0.16
Wadena-----	30	Somewhat limited Slope	0.16	Somewhat limited Slope	0.16	Somewhat limited Slope	0.16
378: Rough Broken Land---	100	Not rated		Not rated		Not rated	
467: Radford-----	95	Very limited Frost action Flooding Low strength Shrink-swell Depth to saturated zone	1.00 1.00 1.00 0.50 0.19	Very limited Depth to saturated zone Flooding	1.00 0.60	Somewhat limited Flooding Depth to saturated zone	0.60 0.19

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467B: Radford-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60	Depth to saturated zone	0.19
		Low strength	1.00				
		Shrink-swell	0.50				
		Depth to saturated zone	0.19				
478: Steep Rock Land-----	95	Not rated		Not rated		Not rated	
607: Salix Variant-----	95	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.15	Not limited	
		Low strength	1.00				
		Shrink-swell	0.50				
		Flooding	0.40				
609: Omadi-----	50	Very limited Frost action	1.00	Somewhat limited Flooding	0.60	Somewhat limited Flooding	0.60
		Flooding	1.00	Depth to saturated zone	0.15		
		Low strength	1.00				
Alluvial Land-----	30	Not rated		Not rated		Not rated	
717C: Napier-----	50	Very limited Frost action	1.00	Not limited		Not limited	
		Low strength	1.00				
Gullied Land-----	30	Not rated		Not rated		Not rated	

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733: Calco-----	95	Very limited Depth to saturated zone Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Flooding	1.00 0.60	Very limited Depth to saturated zone Flooding	1.00 0.60
983D: Castana-----	50	Very limited Frost action Low strength Slope	1.00 1.00 0.63	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
Gullied Land-----	30	Not rated		Not rated		Not rated	
C212: Kennebec-----	90	Very limited Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 0.50	Somewhat limited Flooding Depth to saturated zone	0.80 0.61	Very limited Flooding	1.00
T10B: Monona-----	95	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
T310: Galva-----	95	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
T310B: Galva-----	95	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	