

Cass County, Missouri: Detailed Soil Map Legend

Recreation Site Development

(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 0.00 to 1.00. The larger the value, the greater the potential limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Camp areas		Picnic areas		Playgrounds		Paths and trails	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
2C: Higginsville-----	Moderately limited ~wetness (moderately limited)	0.35	Slightly limited ~wetness (slightly limited)	0.13	Very limited ~slope (very limited) ~wetness (moderately limited)	1.00 0.35	Slightly limited ~wetness (slightly limited)	0.13
5B: Macksburg-----	Moderately limited ~too clayey (moderately limited) ~percs slowly (slightly limited)	0.30 0.13	Moderately limited ~too clayey (moderately limited) ~percs slowly (slightly limited)	0.30 0.13	Moderately limited ~slope (moderately limited) ~too clayey (moderately limited) ~percs slowly (slightly limited)	0.40 0.30 0.13	Moderately limited ~too clayey (moderately limited)	0.30
6B: Sharpsburg-----	Moderately limited ~too clayey (moderately limited) ~percs slowly (slightly limited)	0.60 0.13	Moderately limited ~too clayey (moderately limited) ~percs slowly (slightly limited)	0.60 0.13	Moderately limited ~too clayey (moderately limited) ~slope (moderately limited) ~percs slowly (slightly limited)	0.60 0.40 0.13	Moderately limited ~too clayey (moderately limited)	0.60
7B: Deepwater-----	Not limited		Not limited		Moderately limited ~slope (moderately limited)	0.40	Not limited	

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Map symbol and soil name	Camp areas		Picnic areas		Playgrounds		Paths and trails	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
7C: Deepwater-----	Not limited		Not limited		Very limited ~slope (very limited)	1.00	Not limited	
8: Pits-----	Not rated		Not rated		Not rated		Not rated	
9D: Snead-----	Moderately limited ~too clayey (moderately limited) ~percs slowly (moderately limited) ~slope (slightly limited)	0.60   0.39  0.16	Moderately limited ~too clayey (moderately limited) ~percs slowly (moderately limited) ~slope (slightly limited)	0.60   0.39  0.16	Very limited ~slope (very limited) ~too clayey (moderately limited) ~percs slowly (moderately limited)	1.00   0.60  0.39	Moderately limited ~too clayey (moderately limited)	0.60
10D: Snead-----	Moderately limited ~too clayey (moderately limited) ~percs slowly (moderately limited) ~slope (slightly limited)	0.60   0.39  0.16	Moderately limited ~too clayey (moderately limited) ~percs slowly (moderately limited) ~slope (slightly limited)	0.60   0.39  0.16	Very limited ~slope (very limited) ~large stones >25% (very limited) ~too clayey (moderately limited)	1.00   1.00  0.60	Moderately limited ~too clayey (moderately limited) ~large stones (slightly limited)	0.60   0.11
Rock outcrop-----	Not rated		Not rated		Not rated		Not rated	

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Map symbol and soil name	Camp areas		Picnic areas		Playgrounds		Paths and trails	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
10F: Snead-----	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Very limited ~slope (very limited)	1.00	Moderately limited ~too clayey (moderately limited)	0.60
	~too clayey (moderately limited)	0.60	~too clayey (moderately limited)	0.60	~large stones >25% (very limited)	1.00	~slope (slightly limited)	0.25
	~percs slowly (moderately limited)	0.39	~percs slowly (moderately limited)	0.39	~too clayey (moderately limited)	0.60	~large stones (slightly limited)	0.11
Rock outcrop-----	Not rated		Not rated		Not rated		Not rated	
11C: Greenton-----	Limited ~wetness (limited)	0.96	Limited ~wetness (limited)	0.60	Very limited ~slope (very limited)	1.00	Limited ~wetness (limited)	0.60
	~too clayey (moderately limited)	0.60	~too clayey (moderately limited)	0.60	~wetness (limited)	0.96	~too clayey (moderately limited)	0.60
	~percs slowly (moderately limited)	0.39	~percs slowly (moderately limited)	0.39	~too clayey (moderately limited)	0.60		

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Map symbol and soil name	Camp areas		Picnic areas		Playgrounds		Paths and trails	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
13B: Sampsel-----	Very limited ~wetness (very limited)	1.00	Very limited ~wetness (very limited)	1.00	Very limited ~wetness (very limited)	1.00	Very limited ~wetness (very limited)	1.00
	~too clayey (moderately limited)	0.60	~too clayey (moderately limited)	0.60	~too clayey (moderately limited)	0.60	~too clayey (moderately limited)	0.60
	~percs slowly (moderately limited)	0.39	~percs slowly (moderately limited)	0.39	~slope (moderately limited)	0.40		
13C: Sampsel-----	Very limited ~wetness (very limited)	1.00	Very limited ~wetness (very limited)	1.00	Very limited ~wetness (very limited)	1.00	Very limited ~wetness (very limited)	1.00
	~too clayey (moderately limited)	0.60	~too clayey (moderately limited)	0.60	~slope (very limited)	1.00	~too clayey (moderately limited)	0.60
	~percs slowly (moderately limited)	0.39	~percs slowly (moderately limited)	0.39	~too clayey (moderately limited)	0.60		
14B: Barco-----	Slightly limited ~percs slowly (slightly limited)	0.13	Slightly limited ~percs slowly (slightly limited)	0.13	Moderately limited ~slope (moderately limited)	0.40	Not limited	
					~percs slowly (slightly limited)	0.13		
17B: Polo-----	Not limited		Not limited		Moderately limited ~slope	0.40	Not limited	

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Map symbol and soil name	Camp areas		Picnic areas		Playgrounds		Paths and trails	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
					(moderately limited)			
17C: Polo-----	Not limited		Not limited		Very limited ~slope (very limited)	1.00	Not limited	
18B: Summit-----	Moderately limited ~too clayey (moderately limited) ~percs slowly (moderately limited)	0.60   0.39	Moderately limited ~too clayey (moderately limited) ~percs slowly (moderately limited)	0.60   0.39	Moderately limited ~too clayey (moderately limited) ~percs slowly (moderately limited)	0.60   0.39	Moderately limited ~too clayey (moderately limited)	0.60
18C: Summit-----	Moderately limited ~too clayey (moderately limited) ~percs slowly (moderately limited)	0.60   0.39	Moderately limited ~too clayey (moderately limited) ~percs slowly (moderately limited)	0.60   0.39	Moderately limited ~too clayey (moderately limited) ~slope (moderately limited) ~percs slowly (moderately limited)	0.60   0.40  0.39	Moderately limited ~too clayey (moderately limited)	0.60
19B: Weller-----	Moderately limited ~percs slowly (moderately limited)	0.39	Moderately limited ~percs slowly (moderately limited)	0.39	Moderately limited ~slope (moderately limited) ~percs slowly (moderately limited)	0.40  0.39	Not limited	

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Map symbol and soil name	Camp areas		Picnic areas		Playgrounds		Paths and trails	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
19C2: Weller-----	Moderately limited ~percs slowly (moderately limited)	0.39	Moderately limited ~percs slowly (moderately limited)	0.39	Very limited ~slope (very limited) ~percs slowly (moderately limited)	1.00 0.39	Not limited	
22C: Oska-----	Moderately limited ~too clayey (moderately limited) ~percs slowly (moderately limited)	0.60 0.39	Moderately limited ~too clayey (moderately limited) ~percs slowly (moderately limited)	0.60 0.39	Limited ~slope (limited) ~too clayey (moderately limited) ~percs slowly (moderately limited)	0.98 0.60 0.39	Moderately limited ~too clayey (moderately limited)	0.60
28D: Coweta-----	Slightly limited ~slope (slightly limited) ~percs slowly (slightly limited)	0.16 0.13	Slightly limited ~slope (slightly limited) ~percs slowly (slightly limited)	0.16 0.13	Very limited ~slope (very limited) ~depth to bedrock (slightly limited) ~large stones (slightly limited)	1.00 0.22 0.18	Not limited	

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Map symbol and soil name	Camp areas		Picnic areas		Playgrounds		Paths and trails	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
29D: Norris-----	Moderately limited ~percs slowly (moderately limited) ~slope (slightly limited)	0.39 0.16	Moderately limited ~percs slowly (moderately limited) ~slope (slightly limited)	0.39 0.16	Very limited ~slope (very limited) ~depth to bedrock (limited) ~percs slowly (moderately limited)	1.00 0.96 0.39	Not limited	
32: Freeburg-----	Very limited ~flooding (very limited) ~wetness (moderately limited)	1.00 0.50	Slightly limited ~wetness (slightly limited)	0.28	Moderately limited ~flooding (moderately limited) ~wetness (moderately limited)	0.60 0.50	Slightly limited ~wetness (slightly limited)	0.28
33: Zook-----	Very limited ~flooding (very limited) ~too clayey (moderately limited) ~wetness (moderately limited)	1.00 0.60 0.50	Moderately limited ~too clayey (moderately limited) ~percs slowly (moderately limited) ~wetness (slightly limited)	0.60 0.39 0.28	Moderately limited ~too clayey (moderately limited) ~flooding (moderately limited) ~wetness (moderately limited)	0.60 0.60 0.60 0.50	Moderately limited ~too clayey (moderately limited) ~wetness (slightly limited)	0.60 0.28
34: Blackoar-----	Very limited ~flooding	1.00	Very limited ~wetness	1.00	Very limited ~wetness	1.00	Very limited ~wetness	1.00

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Map symbol and soil name	Camp areas		Picnic areas		Playgrounds		Paths and trails	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
36: Bremer-----	(very limited) ~wetness (very limited)	1.00	(very limited)		(very limited) ~flooding (moderately limited)	0.60	(very limited)	
	Limited ~wetness (limited)	0.96	Limited ~wetness (limited)	0.60	Limited ~wetness (limited)	0.96	Limited ~wetness (limited)	0.60
	~percs slowly (slightly limited)	0.13	~percs slowly (slightly limited)	0.13	~percs slowly (slightly limited)	0.13		
37: Moniteau-----	Very limited ~flooding (very limited)	1.00	Limited ~wetness (limited)	0.99	Very limited ~wetness (very limited)	1.00	Limited ~wetness (limited)	0.99
	~wetness (very limited)	1.00	~percs slowly (slightly limited)	0.13	~flooding (moderately limited)	0.60		
	~percs slowly (slightly limited)	0.13			~percs slowly (slightly limited)	0.13		
40: Haig-----	Limited ~wetness (limited)	0.96	Limited ~wetness (limited)	0.60	Limited ~wetness (limited)	0.96	Limited ~wetness (limited)	0.60
	~percs slowly (moderately limited)	0.39	~percs slowly (moderately limited)	0.39	~percs slowly (moderately limited)	0.39		
47C: Mandeville-----	Moderately limited ~percs slowly (moderately limited)	0.39	Moderately limited ~percs slowly (moderately limited)	0.39	Very limited ~slope (very limited)	1.00	Not limited	
					~percs slowly	0.39		

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
					(moderately limited) ~depth to bedrock (slightly limited)	0.21		
49D: Eram-----	Moderately limited ~percs slowly (moderately limited) ~too clayey (moderately limited) ~slope (slightly limited)	0.39 0.30 0.16	Moderately limited ~percs slowly (moderately limited) ~too clayey (moderately limited) ~slope (slightly limited)	0.39 0.30 0.16	Very limited ~slope (very limited) ~percs slowly (moderately limited) ~too clayey (moderately limited)	1.00 0.39 0.30	Very limited ~erodes easily (very limited) ~too clayey (moderately limited)	1.00 0.30
51B: Kenoma-----	Very limited ~percs slowly (very limited)	1.00	Very limited ~percs slowly (very limited)	1.00	Very limited ~percs slowly (very limited) ~slope (slightly limited)	1.00 0.10	Not limited	
51C: Kenoma-----	Very limited ~percs slowly (very limited)	1.00	Very limited ~percs slowly (very limited)	1.00	Very limited ~percs slowly (very limited) ~slope (limited)	1.00 0.98	Not limited	
52C: Nowata-----	Slightly limited ~percs slowly (slightly limited)	0.13	Slightly limited ~percs slowly (slightly limited)	0.13	Limited ~slope (limited)	0.98	Not limited	

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Map symbol and soil name	Camp areas		Picnic areas		Playgrounds		Paths and trails	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
					~percs slowly (slightly limited)	0.13		
62B: Macksburg-----	Moderately limited ~too clayey (moderately limited)	0.30	Moderately limited ~too clayey (moderately limited)	0.30	Moderately limited ~slope (moderately limited)	0.40	Moderately limited ~too clayey (moderately limited)	0.30
	~percs slowly (slightly limited)	0.13	~percs slowly (slightly limited)	0.13	~too clayey (moderately limited)	0.30		
					~percs slowly (slightly limited)	0.13		
Urban land-----	Not rated		Not rated		Not rated		Not rated	
93: Verdigris-----	Very limited ~flooding (very limited)	1.00	Not limited		Moderately limited ~flooding (moderately limited)	0.60	Not limited	
AED: Arents, earthen dam	Not rated		Not rated		Not rated		Not rated	
M-W: Water-----	Not Rated		Not Rated		Not Rated		Not Rated	

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Map symbol and soil name	Camp areas		Picnic areas		Playgrounds		Paths and trails	
	Rating class and limiting features	Value						
W: Water-----	Not Rated		Not Rated		Not Rated		Not Rated	