

SOIL LEGEND

Map symbols consist of numbers or a combination of numbers and a letter. The initial numbers represent the kind of soil. A capital letter following these numbers indicates the class of slope. Symbols without a slope letter are for nearly level soils or miscellaneous areas.

SYMBOL	NAME
1	Southam silty clay loam
2	Parnell silty clay loam
3	Tonka silt loam
4	Hamerly-Parnell complex, 0 to 3 percent slopes
5	Hamerly-Tonka complex, 0 to 3 percent slopes
13	Hamerly, Vallery, and Colvin soils, saline, 0 to 3 percent slopes
15	Hamerly loam, 0 to 3 percent slopes
16	Hamerly-Wyard loams, 0 to 3 percent slopes
18	Hamerly-Svea loams, 0 to 3 percent slopes
23B	Barnes-Svea loams, 3 to 6 percent slopes
23C	Barnes-Buse loams, 6 to 9 percent slopes
23D	Barnes-Buse loams, 9 to 15 percent slopes
23F	Buse-Svea loams, 15 to 50 percent slopes
24	Svea-Barnes loams, 0 to 3 percent slopes
24B	Svea-Buse loams, 3 to 6 percent slopes
24E	Barnes-Svea-Buse loams, 9 to 25 percent slopes
25E	Barnes-Buse-Parnell complex, 0 to 35 percent slopes
30C	Svea-Sioux loams, 3 to 9 percent slopes
30E	Sioux-Barnes loams, 9 to 30 percent slopes
39F	Kloten-Buse loams, 9 to 50 percent slopes
40	Divide-Marysland loams, 0 to 3 percent slopes
41	Fordville-Renshaw loams, 0 to 3 percent slopes
41B	Fordville-Renshaw loams, 3 to 6 percent slopes
44	Arvilla-Sioux sandy loams, 0 to 3 percent slopes
44C	Sioux-Arvilla sandy loams, 1 to 9 percent slopes
44E	Sioux-Arvilla sandy loams, 9 to 35 percent slopes
47B	Renshaw-Sioux loams, 0 to 6 percent slopes
48B	Maddock loamy fine sand, 0 to 6 percent slopes
48D	Maddock loamy fine sand, 6 to 15 percent slopes
49	Wyndmere fine sandy loam, 0 to 3 percent slopes
50	Fossum fine sandy loam
51	Arveson loam, saline
52	Hecla-Ulen complex, 0 to 3 percent slopes
54B	Hecla-Towner loamy fine sands, 1 to 6 percent slopes
55	Towner loamy fine sand, 0 to 3 percent slopes
56	Swenoda fine sandy loam, 0 to 3 percent slopes
56B	Swenoda-Buse complex, 3 to 6 percent slopes
56C	Swenoda-Buse complex, 6 to 9 percent slopes
57B	Embsen fine sandy loam, 0 to 6 percent slopes
58B	Clontarf fine sandy loam, 0 to 6 percent slopes
60	Hamerly-Cresbard loams, 0 to 3 percent slopes
61B	Swenoda-Larson fine sandy loams, 1 to 6 percent slopes
62	Svea-Cresbard loams, 0 to 3 percent slopes
62B	Barnes-Cresbard loams, 3 to 6 percent slopes
63	Cresbard-Cavour loams, 0 to 3 percent slopes
64	Cavour-Miranda loams, 0 to 3 percent slopes
66	Exline silt loam
70	Colvin silty clay loam, wet
72	Minnewaukan loamy sand, loamy substratum, 0 to 3 percent slopes
73	Overly-Bearden silty clay loams, 0 to 3 percent slopes
73B	Great Bend-Overly silty clay loams, 3 to 6 percent slopes
74	Aberdeen silty clay loam
76	Fargo-Colvin silty clay loams
77	Colvin silty clay loam
79B	Sinai silty clay loam, 0 to 6 percent slopes
88C	Seelyville mucky peat, 0 to 9 percent slopes
90	Lamoure silty clay loam
92	La Prairie and Lamoure soils, channeled
93	La Prairie silt loam, 0 to 3 percent slopes
94	Damen loam, 0 to 3 percent slopes
94B	Damen loam, 3 to 6 percent slopes
100	Pits, sand and gravel

CONVENTIONAL AND SPECIAL SYMBOLS LEGEND

CULTURAL FEATURES		SPECIAL SYMBOLS FOR SOIL SURVEY	
BOUNDARIES		MISCELLANEOUS CULTURAL FEATURES.	SOIL DELINEATIONS AND SYMBOLS
National, state, or province		Farmstead, house (omit in urban area) (occupied)	
County or parish		Church	
Minor civil division		School	
Reservation (national forest or park, state forest or park, and large airport)		Indian mound (label)	
Land grant		Located object (label)	
Limit of soil survey (label)		Tower	
Field sheet matchline and neatline		Gas	
AD HOC BOUNDARY (label)		Wells, oil or gas	
Small airport, airfield, park, oilfield, cemetery, or flood pool		Windmill	
STATE COORDINATE TICK 1 890 000 FEET		Kitchen midden	
LAND DIVISION CORNER (sections and land grants)			
ROADS		WATER FEATURES	
Divided (median shown if scale permits)		DRAINAGE	
Other roads		Perennial, double line	
Trail		Perennial, single line	
ROAD EMBLEM & DESIGNATIONS		Intermittent	
Interstate		Drainage end	
Federal		Canals or ditches	
State		Double-line (label)	
County, farm or ranch		Drainage and/or irrigation	
RAILROAD		LAKES, PONDS AND RESERVOIRS	
POWER TRANSMISSION LINE (normally not shown)		Perennial	
PIPE LINE (normally not shown)		Intermittent	
FENCE (normally not shown)		MISCELLANEOUS WATER FEATURES	
LEVEES		Marsh or swamp	
Without road		Spring	
With road		Well, artesian	
With railroad		Well, irrigation	
DAMS		Wet spot	
Large (to scale)			
Medium or Small (Named where applicable)			
PITS			
Gravel pit (4 acres or less)			
Mine or quarry			