

SOIL LEGEND

Map symbols consist of a combination of letters. The first capital letter is the initial one of the map unit name. The second capital letter indicates the slope class. Symbols without a slope letter are for nearly level soils or miscellaneous areas. The miscellaneous areas may have a considerable range of slope.

CONVENTIONAL AND SPECIAL SYMBOLS LEGEND

CULTURAL FEATURES

BOUNDARIES	
National, state or province	
County or parish	
Field sheet matchline & neatline	
AD HOC BOUNDARY (label)	
cemetery	
STATE COORDINATE TICK	
LAND DIVISION CORNERS (sections and land grants)	
ROADS	
Trail	
ROAD EMBLEMS & DESIGNATIONS	
Federal	
State	
RAILROAD	
DAMS	
Large (to scale)	
Medium or small	
PITS	
Gravel pit	
Mine or quarry	

MISCELLANEOUS CULTURAL FEATURES

Farmstead, house (omit in urban areas)	
Church	
School	

WATER FEATURES

DRAINAGE	
Perennial, double line	
Intermittent	
Drainage end	
LAKES, PONDS AND RESERVOIRS	
Perennial	
MISCELLANEOUS WATER FEATURES	
Wet spot	

SPECIAL SYMBOLS FOR SOIL SURVEY

SOIL DELINEATIONS AND SYMBOLS	
MISCELLANEOUS	
Blowout	
Prominent hill or peak	

SYMBOL	NAME	SYMBOL	NAME
Aa	Absted silt loam	MpE	Minnequa-Midway silty clay loams, 6 to 25 percent slopes
AaC	Alice fine sandy loam, 2 to 9 percent slopes	MtA	Mitchell very fine sandy loam, 0 to 2 percent slopes
AbA	Altvan loam, 0 to 2 percent slopes	MtB	Mitchell very fine sandy loam, 2 to 6 percent slopes
AbB	Altvan loam, 2 to 6 percent slopes	NeD	Nevee silt loam, 6 to 15 percent slopes
Ap	Aquolls, nearly level	NoA	Norka silt loam, 0 to 2 percent slopes
Ar	Arvada loam	NoB	Norka silt loam, 2 to 6 percent slopes
AsB	Ascalon fine sandy loam, 0 to 6 percent slopes	NoC	Norka silt loam, 6 to 9 percent slopes
AsC	Ascalon fine sandy loam, 6 to 9 percent slopes	NuA	Nunn clay loam, 0 to 2 percent slopes
Ba	Badland	NuB	Nunn clay loam, 2 to 6 percent slopes
Bb	Bankard fine sandy loam	NuC	Nunn clay loam, 6 to 9 percent slopes
Bc	Barnum silt loam	OrE	Orella-Rock outcrop complex, 6 to 15 percent slopes
BoA	Boneek silt loam, 0 to 2 percent slopes	PaD	Paunsaugunt-Boneek complex, 6 to 15 percent slopes
BoB	Boneek silt loam, 2 to 6 percent slopes	PbF	Paunsaugunt-Vanocker-Rock outcrop complex, 9 to 60 percent slopes
BpB	Boneek silt loam, bedrock substratum, 2 to 6 percent slopes	PeB	Pierre clay, 2 to 6 percent slopes
BrD	Broadhurst clay, 2 to 15 percent slopes	PgE	Pierre-Grummit clays, 6 to 25 percent slopes
BuB	Button silty clay loam, 2 to 6 percent slopes	PsE	Pierre-Samsil clays, 6 to 25 percent slopes
BvD	Butche-Boneek complex, 3 to 15 percent slopes	Pt	Pits, gravel
CnD	Colby-Norka silt loams, 6 to 15 percent slopes	Pu	Pits, mine
DaB	Dailey fine sand, 0 to 6 percent slopes	ReD	Rekop-Tilford-Gystrum complex, 6 to 15 percent slopes
DaC	Dailey fine sand, 6 to 12 percent slopes	RgF	Rock outcrop-Gystrum complex, 9 to 50 percent slopes
DwA	Dwyer loamy fine sand, 0 to 2 percent slopes	RoF	Rock outcrop-Mathias-Butche complex, 30 to 75 percent slopes
DwB	Dwyer loamy fine sand, 2 to 6 percent slopes	RrF	Rockoa-Rock outcrop complex, 25 to 60 percent slopes
DwE	Dwyer loamy fine sand, 6 to 25 percent slopes	SaE	Samsil clay, 15 to 40 percent slopes
EaC	Eckley loam, 0 to 9 percent slopes	SbD	Samsil-Pierre clays, 6 to 15 percent slopes
Ga	Glenberg fine sandy loam	ScA	Satanta loam, 0 to 2 percent slopes
GrE	Grummit-Rock outcrop complex, 3 to 40 percent slopes	ScB	Satanta loam, 2 to 6 percent slopes
GsD	Grummit-Snomo clays, 3 to 15 percent slopes	ScC	Satanta loam, 6 to 9 percent slopes
Ha	Haverson loam	SdA	Savo silt loam, 0 to 2 percent slopes
HbB	Haverson Variant loam, 3 to 9 percent slopes	SdB	Savo silt loam, 2 to 6 percent slopes
He	Hisle-Slickspots complex	SmE	Schamber-Eckley complex, 9 to 40 percent slopes
Ho	Hoven silt loam	SnE	Shingle-Penrose-Rock outcrop complex, 15 to 40 percent slopes
JaB	Jayem fine sandy loam, 2 to 9 percent slopes	SpF	Spearfish-Rock outcrop complex, 9 to 50 percent slopes
KaB	Kadoka silt loam, 0 to 6 percent slopes	SsE	Spearfish-Tilford extremely stony loams, 6 to 25 percent slopes
KeD	Kadoka-Epping silt loams, 6 to 15 percent slopes	St	Stetter clay
KyA	Kyle clay, 0 to 2 percent slopes	Sw	Swanboy clay
KyB	Kyle clay, 2 to 6 percent slopes	TaA	Tilford silt loam, 0 to 2 percent slopes
Lo	Lohmiller silty clay loam	TaB	Tilford silt loam, 2 to 6 percent slopes
MaA	Manvel silt loam, 0 to 2 percent slopes	TaC	Tilford silt loam, 6 to 9 percent slopes
MbA	Manzanola silty clay loam, 0 to 2 percent slopes	TgC	Tilford-Gystrum complex, 2 to 9 percent slopes
MbB	Manzanola silty clay loam, 2 to 6 percent slopes	VaE	Valent loamy fine sand, 6 to 25 percent slopes
MmE	Mathias-Midway-Rock outcrop complex, 15 to 30 percent slopes	WpC	Winler-Pierre clays, 2 to 9 percent slopes
MnF	Mathias-Rockoa-Rock outcrop complex, 25 to 60 percent slopes	ZnE	Zigweid-Nihill complex, 6 to 20 percent slopes
MoB	Minnequa silt loam, 2 to 6 percent slopes		