

areasym	musym	muname	slope_r	slopelen_r_feet
MN001	1002	Borosaprists and Fluvaquents soils, frequently flooded	0.2	82
MN001	1031	Histosols, ponded	0.2	82
MN001	1072	Udorthents, shallow (sanitary landfill)	15	0
MN001	1115	Newson loamy sand	1	82
MN001	1150	Jevne fine sandy loam	1	82
MN001	1154	Sax muck	0.2	82
MN001	119C	Pomroy loamy fine sand, 6 to 12 percent slopes	8	82
MN001	124	Brickton silt loam	1	102
MN001	133B	Dalbo very fine sandy loam, 1 to 6 percent slopes	4	102
MN001	1353B	Cutaway loamy fine sand, 1 to 6 percent slopes	4	82
MN001	1354A	Aftad fine sandy loam, 0 to 3 percent slopes	2	82
MN001	1372	Wealthwood loamy fine sand	1	82
MN001	1375B	Alban fine sandy loam, 3 to 8 percent slopes	5	82
MN001	142	Nokay fine sandy loam	1	82
MN001	144B	Flak sandy loam, 3 to 8 percent slopes	5	82
MN001	144C	Flak sandy loam, 8 to 15 percent slopes	12	82
MN001	146B	Wabedo sandy loam, 1 to 6 percent slopes	4	82
MN001	147	Spooner silt loam	1	102
MN001	152B	Milaca fine sandy loam, 3 to 8 percent slopes	5	82
MN001	152C	Milaca fine sandy loam, 8 to 15 percent slopes	12	82
MN001	152E	Milaca fine sandy loam, 15 to 25 percent slopes	20	82
MN001	164B	Mora fine sandy loam, 1 to 4 percent slopes	2	82
MN001	166	Ronneby loam	1	82
MN001	167B	Baudette silt loam, 1 to 5 percent slopes	3	102
MN001	186	Nemadji loamy fine sand	1	82
MN001	1878	Hamre muck	0.2	82
MN001	188B	Omega loamy fine sand, 2 to 6 percent slopes	4	82
MN001	188C	Omega loamy fine sand, 6 to 12 percent slopes	8	82
MN001	188E	Omega loamy sand, 12 to 25 percent slopes	18	82
MN001	1982	Baudette-Spooner complex	1	82
MN001	1983	Cathro muck, stratified substratum	0.2	82
MN001	1984	Leafriver muck	0.2	82

MN001	202	Meehan loamy sand	1	82
MN001	204B	Branstad loam, 2 to 6 percent slopes	4	82
MN001	204C	Cushing loam, 6 to 12 percent slopes	8	82
MN001	204E	Cushing loam, 12 to 25 percent slopes	18	82
MN001	218	Watab fine sand	1	82
MN001	240B	Warba very fine sandy loam, 1 to 6 percent slopes	3	82
MN001	240C	Warba very fine sandy loam, 6 to 12 percent slopes	8	82
MN001	243	Stuntz very fine sandy loam	1	82
MN001	266	Freer silt loam	1	82
MN001	268B	Cromwell fine sandy loam, 1 to 6 percent slopes	4	82
MN001	268C	Cromwell sandy loam, 6 to 12 percent slopes	8	82
MN001	268E	Cromwell fine sandy loam, 12 to 25 percent slopes	18	82
MN001	268F	Cromwell fine sandy loam, 25 to 40 percent slopes	30	82
MN001	292	Alstad loam	1	82
MN001	302B	Rosholt fine sandy loam, 2 to 6 percent slopes	4	82
MN001	302C	Rosholt fine sandy loam, 6 to 12 percent slopes	8	82
MN001	346	Talmoon fine sandy loam	0.5	82
MN001	428	Hassman muck	0.2	102
MN001	454B	Mahtomedi loamy coarse sand, 2 to 6 percent slopes	4	82
MN001	454C	Mahtomedi loamy coarse sand, 6 to 12 percent slopes	8	82
MN001	454E	Mahtomedi loamy coarse sand, 12 to 25 percent slopes	18	82
MN001	454F	Mahtomedi gravelly loamy sand, 25 to 40 percent slopes	30	82
MN001	458B	Menahga loamy sand, 1 to 6 percent slopes	4	82
MN001	458C	Menahga loamy sand, 6 to 12 percent slopes	8	82
MN001	458E	Menahga loamy sand, 12 to 25 percent slopes	18	82
MN001	464B	Brennyville silt loam, 2 to 5 percent slopes	3	82
MN001	469B	Hillcity silt loam, 1 to 6 percent slopes	4	82
MN001	502	Dusler silt loam	1	82
MN001	504B	Duluth fine sandy loam, 1 to 6 percent slopes	4	82
MN001	504C	Duluth fine sandy loam, 6 to 12 percent slopes	8	82
MN001	504E	Duluth fine sandy loam, 12 to 25 percent slopes	18	82
MN001	531	Beseman muck	0.2	82
MN001	532	Sago muck	0.2	82
MN001	533	Loxley peat	0.2	82

MN001	540	Seelyeville muck	0.2	82
MN001	541	Rifle peat	0.2	82
MN001	543	Markey muck	0.2	82
MN001	544	Cathro muck	0.2	82
MN001	546	Lupton muck	0.2	82
MN001	549	Greenwood peat	0.2	82
MN001	563	Northwood muck	0.2	82
MN001	564	Friendship loamy sand	1	82
MN001	607	Pengilly silt loam	1	82
MN001	615	Cowhorn loamy very fine sand	1	82
MN001	617B	Goodland silt loam, 1 to 10 percent slopes	6	82
MN001	618B	Itasca silt loam, 1 to 6 percent slopes	4	82
MN001	621	Morph very fine sandy loam	1	82
MN001	625	Sandwick loamy sand	1	82
MN001	627	Tawas muck	0.2	82
MN001	628	Talmoon muck, depressional	0.2	82
MN001	629B	Wawina loamy very fine sand, 1 to 10 percent slopes	6	82
MN001	672	Willossippi loam	1	82
MN001	685	Oesterle fine sandy loam	1	82
MN001	732B	Bushville loamy fine sand, 1 to 6 percent slopes	4	82
MN001	734	Cormant loamy fine sand, stratified substratum	0.2	82
MN001	736	Ronneby-Mora complex	2	82
MN001	738B	Milaca-Millward complex, 2 to 8 percent slopes	5	82
MN001	738C	Milaca-Millward complex, 8 to 15 percent slopes	12	82
MN001	759	Waukenabo fine sandy loam	0.5	82
MN001	795	Redby loamy fine sand, stratified substratum	0.5	82
MN001	797	Mooselake and Lupton mucky peats	0.2	82
MN001	799	Seelyeville-Bowstring association	0.2	82
MN001	869	Lobo and Waskish peats	0.2	82
MN001	870B	Itasca-Goodland complex, 2 to 6 percent slopes	4	82
MN001	870C	Itasca-Goodland complex, 6 to 12 percent slopes	8	82
MN001	870E	Itasca-Goodland complex, 12 to 25 percent slopes	18	82
MN001	872	Pengilly-Winterfield association	1	82
MN001	928C	Cushing-Mahtomedi complex, 2 to 10 percent slopes	6	82

MN001	928D	Cushing-Mahtomedi complex, 10 to 25 percent slopes	16	82
MN001	928F	Cushing-Mahtomedi complex, 25 to 40 percent slopes	30	82
MN001	980	Blackhoof and Mahtowa soils	0.2	82
MN001	990	Twig and Giese soils	0.2	82
MN001	GP	Pits, gravel-udispamments complex	25	0
MN001	M-W	Water, miscellaneous		0
MN001	W	Water		0