

Beltrami County, Minnesota

musym	muname	RUSLE2 slope factors	
		slope_%	slope_length_ft.
32B	Nebish sandy loam, 1 to 6 percent slopes	3	151
32C	Nebish fine sandy loam, 6 to 12 percent slopes	8	102
32D	Nebish fine sandy loam, 12 to 25 percent slopes	16	59
48	Hiwood loamy fine sand	1	151
72	Shooker loam	1	151
77	Garnes loam	1	151
116	Redby loamy fine sand	1	151
117	Cormant loamy fine sand	1	151
121	Wykeham fine sandy loam	1	151
125	Beltrami fine sandy loam	2	151
147	Spooner silt loam	1	151
158B	Zimmerman loamy fine sand, 1 to 6 percent slopes	3	151
158C	Zimmerman loamy fine sand, 6 to 12 percent slopes	8	102
167	Baudette silt loam	1	151
191	Epoufette sandy loam	1	151
199B	Sol cobbly sandy loam, 1 to 6 percent slopes	3	151
199C	Sol cobbly sandy loam, 6 to 12 percent slopes	8	102
202	Meehan loamy sand	1	151
205	Karlstad loamy sand	1	151
240B	Warba fine sandy loam, 1 to 6 percent slopes	3	151
240C	Warba fine sandy loam, 6 to 12 percent slopes	8	102
242B	Marquette loamy sand, 1 to 6 percent slopes	3	151
242C	Marquette loamy sand, 6 to 12 percent slopes	8	102
243	Stuntz fine sandy loam	1	151
267B	Snellman fine sandy loam, 1 to 6 percent slopes	3	151
267C	Snellman fine sandy loam, 6 to 12 percent slopes	8	102
267D	Snellman fine sandy loam, 12 to 25 percent slopes	16	59
272	Bemidji loamy sand	1	151
280	Pelan sandy loam	1	151
328B	Sartell loamy fine sand, 1 to 6 percent slopes	3	151
404	Chilgren loam	1	151
432	Strandquist loam	1	151

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439	Rockwell fine sandy loam	1	151
458B	Menahga loamy sand, 1 to 6 percent slopes	3	151
458C	Menahga loamy sand 6 to 12 percent slopes	8	102
458D	Menahga loamy sand, 12 to 25 percent slopes	16	49
481	Kratka fine sandy loam	1	151
482	Grygla loamy fine sand	1	151
496B	Andrusia loamy sand, 1 to 6 percent slopes	3	151
496C	Andrusia loamy sand, 6 to 12 percent slopes	8	102
496D	Andrusia loamy sand, 12 to 25 percent slopes	16	59
503B	Balmlake fine sandy loam, 1 to 6 percent slopes	3	151
503C	Balmlake fine sandy loam, 6 to 12 percent slopes	8	102
503D	Balmlake fine sandy loam, 12 to 25 percent slopes	16	59
505B	Debs silt loam, 1 to 6 percent slopes	3	151
505C	Debs silt loam, 6 to 12 percent slopes	8	102
514	Tacoosh muck	1	151
534	Mooselake mucky peat	1	151
538	Waskish peat	1	151
540	Seelyeville muck	1	151
541	Rifle mucky peat	1	151
543	Markey muck	1	151
544	Cathro muck	1	151
545	Rondeau muck	1	151
546	Lupton muck	1	151
547	Deerwood muck	1	151
549	Greenwood peat	1	151
560	Greenwood-Lobo complex	1	151
561	Bullwinkle muck	1	151
563	Northwood muck	1	151
565	Eckvoll loamy fine sand	1	151
582	Roliss loam	1	151
607	Pengilly very fine sandy loam	1	151
616	Effie silt loam	1	151

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620B	Cutaway loamy fine sand, 1 to 6 percent slopes	3	151
620C	Cutaway loamy fine sand, 6 to 12 percent slopes	8	102
621	Morph fine sandy loam	1	151
624	Rosy sandy loam	1	151
625	Sandwick loamy fine sand	1	151
626B	Suomi loam, 1 to 6 percent slopes	3	151
626C	Suomi loam, 6 to 12 percent slopes	8	102
626D	Suomi loam, 12 to 25 percent slopes	16	59
627	Tawas muck	1	151
628	Talmoon muck	1	151
653	Smiley muck	1	151
676B	Kost loamy fine sand, 0 to 6 percent slopes	3	151
702	Bullwinkle-Cathro complex	1	151
709B	Lengby sandy loam, 1 to 6 percent slopes	3	151
709C	Lengby sandy loam, 6 to 12 percent slopes	8	102
709D	Lengby sandy loam, 12 to 25 percent slopes	16	59
712	Rosewood fine sandy loam	1	151
765	Smiley loam	1	151
799	Seelyeville and Bowstring soils	1	151
867B	Graycalm-Menahga complex, 1 to 6 percent slopes	3	151
867C	Graycalm-Menahga complex, 6 to 12 percent slopes	8	102
1033	Aquic Udipsamments-Aquents complex, 0 to 3 percent slopes	1	151
1057	Fluvaquents, frequently flooded-Hapludalfs complex, 0 to 35 percent slopes	0	98
1085B	Urban land-Graycalm complex, 1 to 6 percent slopes		151
1085C	Urban land-Graycalm complex, 6 to 12 percent slopes		101
1086	Urban land-Cormant complex		151
1113	Haslie, Seelyeville and Cathro soils, ponded	1	151
1200	Egglake loam, 0 to 2 percent slopes	1	151
1206	Cormant-Redby complex, 0 to 2 percent slopes	1	151
1804	Hamre muck, ponded	1	151
1807	Cathro muck, ponded	1	151
1808	Markey muck, ponded	1	151

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1878	Hamre muck	1	151
1922	Chilgren sandy loam, very stony	1	151
1923	Garnes fine sandy loam, very stony	1	151
1924	Grygla loamy fine sand, very stony	1	151
1925	Eckvoll loamy fine sand, very stony	1	151
1935	Epoufette muck	1	151
1959	Nary cobbly fine sandy loam	1	151
1991	Stuntz loam	1	151
1993B	Snellman-Wykeham complex, 1 to 6 percent slopes	3	151
2017B	Zimmerman-Andrusia complex, 1 to 8 percent slopes	3	151
2017C	Zimmerman-Andrusia complex, 8 to 15 percent slopes	12	98
2017E	Zimmerman-Andrusia complex, 15 to 30 percent slopes	20	59
2018B	Eagleview-Two Inlets complex, 1 to 8 percent slopes, pitted	3	151
2018C	Eagleview-Two Inlets complex, 8 to 15 percent slopes, pitted	12	98
2018E	Eagleview-Two Inlets complex, 15 to 30 percent slopes	20	59
2020B	Zimmerman-Snellman complex, 1 to 8 percent slopes	3	151
2020C	Zimmerman-Snellman complex, 8 to 15 percent slopes	12	98
2020E	Zimmerman-Snellman complex, 15 to 30 percent slopes	20	59
2021B	Debs, till substratum-Snellman complex, 1 to 8 percent slopes	3	151
2021C	Debs, till substratum-Snellman complex, 8 to 15 percent slopes	12	98
2021E	Debs, till substratum-Snellman complex, 15 to 30 percent slopes	18	59
2022B	Wykeham-Baudette, till substratum complex, 1 to 4 percent slopes	1	151
2023A	Egglake-Spooner, till substratum complex, 0 to 2 percent slopes	1	151
2024B	Snellman-Zimmerman complex, 1 to 8 percent slopes, pitted	3	151
2025A	Fluvaquents, frequently flooded-Egglake-Sax complex, 0 to 2 percent slopes	1	151
2026B	Lengby-Snellman complex, 1 to 8 percent slopes	3	151
2026C	Lengby-Snellman complex, 8 to 15 percent slopes	12	98
2026E	Lengby-Snellman complex, 15 to 30 percent slopes	18	59
2030A	Hiwood fine sand, 1 to 6 percent slopes	3	151
2031A	Redby loamy fine sand, 1 to 3 percent slopes	1	151
2032A	Cormant loamy fine sand, 0 to 2 percent slopes	1	151
2034B	Zimmerman fine sand, 0 to 6 percent slopes	3	151

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2035A	Epoufette sandy loam, 0 to 2 percent slopes	0	151
2036A	Meehan loamy sand, 0 to 3 percent slopes	1	151
2037A	Karlstad loamy sand, 0 to 3 percent slopes	2	151
2038B	Marquette loamy sand, 1 to 6 percent slopes, MLRA 88	3	151
2038C	Marquette loamy sand, 6 to 12 percent slopes, MLRA 88	8	98
B43A	Northwood-Berner complex, mlra 88, 0 to 1 percent slopes	0	52
B58B	Wurtsmith-Meehan complex, 0 to 4 percent slopes	2	82
B60B	Ricelake-Cutaway complex, mlra 88, 1 to 4 percent slopes	2	125
B70A	Ricelake-Blomford complex, mlra 88, 0 to 3 percent slopes	2	125
B76A	Deford-Leafriver complex, 0 to 2 percent slopes	1	75
B77A	Meehan-Deford complex, 0 to 3 percent slopes	2	125
B78B	Graycalm-Grettum complex, 1 to 8 percent slopes	6	79
B109A	Bowstring and Fluvaquents soils, des moines, 0 to 2 percent slopes, frequently flooded	1	151
B200A	Garnes fine sandy loam, des moines, 0 to 3 percent slopes	2	151
B201A	Chilgren fine sandy loam, des moines, 0 to 2 percent slopes	1	151
B202A	Cathro muck, depressional, des moines, 0 to 1 percent slopes	1	151
B203A	Northwood muck, depressional, des moines, 0 to 1 percent slopes	1	151
B204A	Roliss loam, des moines, 0 to 2 percent slopes	1	151
B205A	Berner muck, depressional, des moines, 0 to 1 percent slopes	1	151
B206A	Hamre muck, depressional, des moines, 0 to 1 percent slopes	1	151
B207A	Pelan sandy loam, des moines, 0 to 3 percent slopes	2	151
B208A	Grygla loamy fine sand, des moines, 0 to 2 percent slopes	1	151
B210A	Eckvoll loamy fine sand, des moines, 0 to 3 percent slopes	2	151
B211A	Berner and Cathro soils, ponded, des moines, 0 to 1 percent slopes	1	151
GP	Pits, gravel-Udipsamments complex	25	0
H87	Suomi-Aeric Glossaqualfs, loamy association, nearly level and undulating	3	151
H88	Suomi-Aeric Glossaqualfs, loamy association, gently undulating to hilly	16	59
I8A	Cathro muck, 0 to 1 percent slopes	1	151
I11A	Deerwood muck, 0 to 1 percent slopes	1	151
I12A	Eckvoll loamy fine sand, 0 to 3 percent slopes	2	151
I27A	Hamre muck, 0 to 1 percent slopes	1	151
I38A	Kratka fine sandy loam, 0 to 2 percent slopes	1	151

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I41A	Markey muck, 0 to 1 percent slopes	1	151
I42A	Markey muck, ponded, 0 to 1 percent slopes	1	15
I45A	Northwood muck, 0 to 1 percent slopes	1	151
I47A	Poppleton fine sand, 0 to 2 percent slopes	1	151
I50A	Reiner fine sandy loam, 0 to 3 percent slopes	2	151
I53A	Roliss loam, 0 to 2 percent slopes	1	151
I55A	Rosewood fine sandy loam, 0 to 2 percent slopes	1	151
I58A	Seelyeville muck, 0 to 1 percent slopes	1	151
I59A	Smiley loam, 0 to 2 percent slopes	1	151
I60A	Smiley mucky loam, 0 to 1 percent slopes	1	151
I61A	Strandquist loam, 0 to 2 percent slopes	1	151
I71A	Berner and Cathro soils, ponded, 0 to 1 percent slopes	1	151
I72A	Pelan sandy loam, 0 to 3 percent slopes	2	151
I76A	Karlstad loamy sand, 0 to 3 percent slopes	2	151
I81A	Northwood muck, dense till, 0 to 1 percent slopes	1	151
I90A	Redby loamy fine sand, dense till, 0 to 3 percent slopes	2	151
I104A	Strandquist loam, dense till, 0 to 2 percent slopes	1	151
I116A	Grygla loamy fine sand, dense till, 0 to 2 percent slopes	1	151
I171A	Rockwell fine sandy loam, 0 to 1 percent slopes	1	151
I756A	Grygla loamy fine sand, 0 to 2 percent slopes	1	151
I777A	Northwood muck, 0 to 1 percent slopes, very stony	1	151
I804A	Eckvoll loamy fine sand, dense till, 0 to 3 percent slopes	2	151
I805A	Eckvoll loamy fine sand, 0 to 3 percent slopes, very stony	2	151
I840A	Smiley muck, 0 to 1 percent slopes	1	151
IGp	Pits, gravel and sand	30	0
IWa	Water		0
J5	Alfic Udipsamments, nearly level and undulating	4	151
J6	Graycalm-Typic Udipsamments association, nearly level and undulating	4	151
J7	Warba-Stuntz association, nearly level and undulating	4	151
J8	Glossic Eutroboralfs, loamy, rolling and hilly	15	102
J9	Aeric Glossaqualfs, clayey subsoil	1	75
J10	Aqualfs	1	151

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J11	Warba-Stuntz-Arenic Eutroboralfs association, nearly level and undulating	4	151
J19	Aquic Eutroboralfs, loamy, nearly level and undulating	3	151
M-W	Water, miscellaneous		0
N77	Udipsamments, nearly level and undulating	3	151
N78	Psammentic Eutroboralfs, sandy, nearly level and undulating	3	151
N79	Psammentic Eutroboralfs, sandy, rolling and hilly	12	102
N80	Cutaway-Hiwood association, nearly level and undulating	3	151
N84	Humaquepts	1	151
O92	Hiwood-Zimmerman association, nearly level to hilly	2	151
O94	Redby fine sand	1	151
O97	Humaquepts, sandy	1	151
W	Water		0
X01	Histosols, depressional	1	151
X02	Typic Borohemists, acid	1	151
X03	Typic Borohemists, nonacid-Typic Borosaprists association	1	151
X04	Typic Borosaprist-Bowstring association	1	151
X05	Typic Borohemists, nonacid	1	151