

Highly Erodible Soil Map Unit List - East Roseau County, MN

C= 0.20

R= 70

This data is only to be used for HEL determinations

This is the "frozen data" based on 01/01/1990 information. Values other than "HELC" should only be used for PHEL.

| Mapunit Symbol | Mapunit Name | HELC | T | K | I | Slope Percent | Slope Length | LS |
|----------------|--|------|---|------|-----|---------------|--------------|------|
| 48B | Hiwood loamy fine sand, 0 to 6 percent slopes | HEL | 5 | 0.15 | 250 | | | |
| 52 | Augsburg loam, 0 to 2 percent slopes | NHEL | 4 | 0.28 | 86 | 1 | 150 | 0.15 |
| 64 | Ulen fine sandy loam, 0 to 3 percent slopes | NHEL | 5 | 0.2 | 86 | 1 | 150 | 0.15 |
| 65 | Foxhome sandy loam, 0 to 3 percent slopes | NHEL | 3 | 0.2 | 86 | 1 | 150 | 0.15 |
| 77 | Garnes fine sandy loam, 0 to 3 percent slopes | NHEL | 5 | 0.32 | 86 | 1 | 150 | 0.15 |
| 111 | Hangaard sandy loam, 0 to 2 percent slopes | HEL | 2 | 0.2 | 86 | 1 | 150 | 0.15 |
| 116 | Redby loamy fine sand, 0 to 3 percent slopes | NHEL | 5 | 0.17 | 134 | 1 | 150 | 0.15 |
| 117 | Cormant loamy fine sand, 0 to 2 percent slopes | NHEL | 5 | 0.17 | 134 | 1 | 150 | 0.15 |
| 133 | Dalbo loam, 0 to 3 percent slopes | NHEL | 5 | 0.37 | 48 | 1 | 150 | 0.15 |
| 145 | Enstrom loamy fine sand, 0 to 3 percent slopes | NHEL | 5 | 0.17 | 134 | 1 | 150 | 0.15 |
| 158B | Zimmerman fine sand, 1 to 6 percent slopes | HEL | 5 | 0.17 | 250 | | | |
| 187 | Haug muck, 0 to 1 percent slopes | NHEL | 5 | | 134 | 0.5 | 150 | 0.11 |
| 191 | Epoufette sandy loam, 0 to 2 percent slopes | NHEL | 4 | 0.2 | 86 | 1 | 150 | 0.15 |

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|------|---|------|---|------|-----|-----|-----|------|
| 202 | Meehan loamy sand, 0 to 3 percent slopes | NHEL | 5 | 0.17 | 134 | 1 | 150 | 0.15 |
| 205 | Karlstad loamy sand, 0 to 3 percent slopes | NHEL | 3 | 0.17 | 86 | 1 | 150 | 0.15 |
| 242B | Marquette loamy sand, 1 to 6 percent slopes | HEL | 2 | 0.17 | 134 | | | |
| 280 | Pelan sandy loam, 0 to 3 percent slopes | NHEL | 3 | 0.24 | 86 | 1 | 150 | 0.15 |
| 379 | Percy loam, 0 to 2 percent slopes, very cobbly | NHEL | 5 | 0.28 | 0 | 1 | 150 | 0.15 |
| 383 | Percy loam, 0 to 2 percent slopes | NHEL | 5 | 0.28 | 86 | 1 | 150 | 0.15 |
| 384 | Percy mucky loam, depressional, 0 to 1 percent slopes | NHEL | 5 | 0.24 | 48 | 0.5 | 150 | 0.11 |
| 387 | Roliss loam, depressional, 0 to 1 percent slopes | NHEL | 5 | 0.24 | 48 | 0.5 | 150 | 0.15 |
| 404 | Chilgren fine sandy loam, 0 to 2 percent slopes | NHEL | 5 | 0.28 | 86 | 1 | 150 | 0.15 |
| 432 | Strandquist loam, 0 to 2 percent slopes | NHEL | 3 | 0.2 | 86 | 1 | 150 | 0.15 |
| 439 | Strathcona fine sandy loam, 0 to 2 percent slopes | NHEL | 5 | 0.2 | 86 | 1 | 150 | 0.15 |
| 481 | Kratka fine sandy loam, 0 to 2 percent slopes | NHEL | 5 | 0.17 | 86 | 1 | 150 | 0.15 |
| 482 | Grygla loamy fine sand, 0 to 2 percent slopes | NHEL | 5 | 0.15 | 134 | 1 | 150 | 0.15 |
| 532 | Sago muck, 0 to 1 percent slopes | NHEL | 5 | | 134 | 0.5 | 150 | 0.11 |
| 534 | Mooselake mucky peat, 0 to 1 percent slopes | NHEL | 5 | | 56 | 0.5 | 150 | 0.11 |
| 540 | Seelyeville-Seelyeville, ponded, complex, 0 to 1 percent slopes | NHEL | 5 | | 134 | 0.5 | 150 | 0.11 |
| 541 | Rifle-Rifle, ponded, complex, 0 to 1 percent slopes | NHEL | 5 | | 56 | 0.5 | 150 | 0.11 |

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|-----|---|------|---|------|-----|-----|-----|------|
| 543 | Markey muck, occasionally ponded, 0 to 1 percent slopes | NHEL | 4 | | 134 | 0.5 | 150 | 0.11 |
| 544 | Cathro muck, occasionally ponded, 0 to 1 percent slopes | NHEL | 5 | | 134 | 0.5 | 150 | 0.11 |
| 546 | Lupton-Lupton, ponded, complex, 0 to 1 percent slopes | NHEL | 5 | | 134 | 0.5 | 150 | 0.11 |
| 547 | Deerwood muck, 0 to 1 percent slopes | HEL | 3 | | 134 | 0.5 | 150 | 0.11 |
| 550 | Dora muck, 0 to 1 percent slopes | NHEL | 4 | | 134 | 0.5 | 150 | 0.11 |
| 561 | Bullwinkle muck, 0 to 1 percent slopes | NHEL | 5 | | 134 | 0.5 | 150 | 0.11 |
| 563 | Northwood muck, 0 to 1 percent slopes | NHEL | 5 | | 134 | 0.5 | 150 | 0.11 |
| 565 | Eckvoll loamy fine sand, 0 to 3 percent slopes | NHEL | 5 | 0.17 | 134 | 1 | 150 | 0.15 |
| 568 | Zippel very fine sandy loam, 0 to 2 percent slopes | NHEL | 5 | 0.28 | 86 | 1 | 150 | 0.15 |
| 569 | Wabanica silt loam, 0 to 2 percent slopes | NHEL | 5 | 0.28 | 86 | 1 | 150 | 0.15 |
| 570 | Faunce loamy fine sand, 0 to 3 percent slopes | NHEL | 5 | 0.15 | 134 | 1 | 150 | 0.15 |
| 581 | Percy fine sandy loam, 0 to 1 percent slopes | NHEL | 5 | 0.28 | 86 | 1 | 150 | 0.15 |
| 582 | Roliss loam, 0 to 2 percent slopes | NHEL | 5 | 0.28 | 48 | 1 | 150 | 0.15 |
| 627 | Tawas muck, map 22-30, 0 to 1 percent slopes | NHEL | 4 | | 134 | 0.5 | 150 | 0.11 |
| 630 | Wildwood muck, 0 to 1 percent slopes | HEL | 3 | | 134 | 0.5 | 150 | 0.11 |
| 644 | Boash clay loam, 0 to 2 percent slopes | NHEL | 5 | 0.32 | 86 | 1 | 150 | 0.15 |
| 708 | Rushlake loamy sand, 0 to 3 percent slopes | NHEL | 5 | 0.17 | 134 | 1 | 150 | 0.15 |

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|-------|--|------|---|------|-----|-----|-----|------|
| 712 | Rosewood fine sandy loam, 0 to 2 percent slopes | NHEL | 3 | 0.24 | 86 | 1 | 150 | 0.15 |
| 733 | Berner muck, 0 to 1 percent slopes | HEL | 2 | | 134 | 0.5 | 150 | 0.11 |
| 737 | Mahkonce fine sandy loam, 0 to 3 percent slopes | NHEL | 3 | 0.28 | 86 | 1 | 150 | 0.15 |
| 755 | Woodslake clay, 0 to 1 percent slopes | NHEL | 5 | 0.28 | 86 | 1 | 150 | 0.15 |
| 767 | Auganaush loam, 0 to 2 percent slopes | NHEL | 3 | 0.32 | 48 | 1 | 150 | 0.15 |
| 794 | Clearriver loamy fine sand, 0 to 3 percent slopes | NHEL | 5 | 0.17 | 134 | 1 | 150 | 0.15 |
| 1002 | Fluvaquents, 0 to 2 percent slopes, frequently flooded | NHEL | 5 | 0.24 | 56 | 1 | 150 | 0.15 |
| 1030 | Pits, gravel-Udipsamments complex, 1 to 50 percent slopes | PHEL | 5 | 0.15 | 134 | 1 | 150 | 0.15 |
| 1067 | Fluvaquents, frequently flooded-Hapludalfs complex, 0 to 60 percent slopes | PHEL | 5 | 0.2 | 86 | 3 | 150 | 0.15 |
| 1133B | Skime loamy fine sand, 0 to 4 percent slopes | NHEL | 5 | 0.17 | 134 | 2 | 150 | 0.23 |
| 1144 | Strathcona and Kratka soils, depressional, 0 to 1 percent slopes | NHEL | 5 | 0.2 | 86 | 0.5 | 150 | 0.11 |
| 1158 | Skagen loam, 0 to 3 percent slopes | NHEL | 5 | 0.2 | 86 | 1 | 150 | 0.15 |
| 1170 | Skagen loam, 0 to 3 percent slopes, very cobbly | NHEL | 5 | 0.28 | 0 | 1 | 150 | 0.15 |
| 1179B | Moranville loamy fine sand, 0 to 4 percent slopes | NHEL | 5 | 0.17 | 134 | 2 | 150 | 0.23 |
| 1181 | Rosewood-Ulen complex, 0 to 2 percent slopes | NHEL | 3 | 0.24 | 86 | 1 | 150 | 0.15 |
| 1182 | Warroad fine sandy loam, 0 to 2 percent slopes | NHEL | 3 | 0.24 | 86 | 1 | 150 | 0.15 |
| 1187 | Dora muck, ponded, 0 to 1 percent slopes | NHEL | 5 | | 0 | 0.5 | 150 | 0.11 |

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|-------|--|------|---|------|-----|-----|-----|------|
| 1206 | Cormant-Redby complex, 0 to 2 percent slopes | NHEL | 5 | 0.17 | 134 | 1 | 150 | 0.15 |
| 1274B | Redby-Hiwood-Leafriver complex, 0 to 6 percent slopes | HEL | 2 | | 134 | 0.5 | 150 | 0.11 |
| 1302 | Foldahl fine sandy loam, 0 to 3 percent slopes | NHEL | 5 | 0.2 | 86 | 1 | 150 | 0.15 |
| 1314 | Tacoosh mucky peat, map 22-30, 0 to 1 percent slopes | NHEL | 2 | | 56 | 0.5 | 150 | 0.11 |
| 1316 | Wheatville loam, 0 to 2 percent slopes | NHEL | 4 | 0.28 | 86 | 1 | 150 | 0.15 |
| 1326 | Augsburg and Wabanica soils, depressional, 0 to 1 percent slopes | NHEL | 4 | 0.28 | 86 | 0.5 | 150 | 0.11 |
| 1327B | Karlstad-Marquette complex, 0 to 8 percent slopes | HEL | 2 | 0.17 | 134 | 3 | 150 | 0.32 |
| 1328 | Northwood muck, wooded, 0 to 1 percent slopes | NHEL | 5 | | 134 | 0.5 | 150 | 0.11 |
| 1333 | Dora muck, wooded, 0 to 1 percent slopes | NHEL | 4 | | 134 | 0.5 | 150 | 0.11 |
| 1356 | Water, miscellaneous | | | | | | | |
| 1399B | Two Inlets loamy sand, noncalcareous substratum, 0 to 6 percent slopes | NHEL | 5 | 0.15 | 134 | 2 | 150 | 0.23 |
| 1401 | Grygla mucky loamy fine sand, depressional, 0 to 1 percent slopes | NHEL | 5 | 0.15 | 134 | 0.5 | 150 | 0.11 |
| 1402 | Leafriver muck, wooded, 0 to 1 percent slopes | HEL | 2 | | 134 | 0.5 | 150 | 0.11 |
| 1404 | Berner muck, wooded, 0 to 1 percent slopes | HEL | 2 | | 134 | 0.5 | 150 | 0.11 |
| 1405 | Lallie mucky silt loam, map 18-22, 0 to 1 percent slopes | NHEL | 5 | 0.37 | 0 | 0.5 | 150 | 0.11 |
| 1444 | Wurtsmith loamy sand, map 22-30, 0 to 3 percent slopes | NHEL | 5 | 0.17 | 134 | 1 | 150 | 0.15 |
| 1448 | Grano clay, map 18-22, 0 to 2 percent slopes | NHEL | 5 | 0.28 | 86 | 1 | 150 | 0.15 |

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|-------|---|------|---|------|-----|-----|-----|------|
| 1449 | Grano loam, map 18-22, 0 to 2 percent slopes | NHEL | 5 | 0.24 | 56 | 1 | 150 | 0.15 |
| 1807 | Cathro muck, ponded, map 22-30, 0 to 1 percent slopes | NHEL | 5 | | 0 | 0.5 | 150 | 0.11 |
| 1808 | Markey muck, ponded, map 22-30, 0 to 1 percent slopes | NHEL | 4 | | 0 | 0.5 | 150 | 0.11 |
| 1923B | Garnes loam, 1 to 4 percent slopes, very stony | NHEL | 5 | 0.32 | 0 | 2 | 150 | 0.23 |
| 1984 | Leafriver muck, 0 to 1 percent slopes | HEL | 2 | | 134 | 0.5 | 150 | 0.11 |
| B54A | Spooner-Littleswan complex, 0 to 2 percent slopes | NHEL | | | | | | |
| B56A | Sax, frequently ponded-Spooner complex, 0 to 1 percent slopes | NHEL | | | | | | |
| B57A | Littleswan silt loam, 0 to 3 percent slopes | NHEL | | | | | | |
| B57B | Baudette-Littleswan complex, 0 to 6 percent slopes | NHEL | | | | | | |
| I11A | Deerwood muck, 0 to 1 percent slopes | HEL | 3 | | 134 | 0.5 | 150 | 0.11 |
| I16F | Fluvaquents,frequently flooded-Hapludolls complex, 0 to 30 percent slopes | PHEL | 5 | 0.2 | 86 | 3 | 150 | 0.15 |
| I28A | Hangaard sandy loam, 0 to 2 percent slopes | HEL | 2 | 0.2 | 86 | 1 | 150 | 0.15 |
| I35A | Karlsruhe sandy loam, 0 to 2 percent slopes | NHEL | 5 | 0.2 | 86 | 1 | 150 | 0.15 |
| I41A | Markey muck, 0 to 1 percent slopes | NHEL | 4 | | 134 | 0.5 | 150 | 0.11 |
| I42A | Markey muck, ponded, 0 to 1 percent slopes | NHEL | 4 | | 0 | 0.5 | 150 | 0.11 |
| I47A | Poppleton fine sand, 0 to 2 percent slopes | HEL | 5 | 0.15 | 250 | | | |
| I55A | Rosewood fine sandy loam, Aspen Parkland, 0 to 1 percent slopes | NHEL | 3 | 0.24 | 86 | 1 | 150 | 0.15 |

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| I58A | Seelyeville muck, 0 to 1 percent slopes | NHEL | 5 | | 134 | 0.5 | 150 | 0.11 |
| I62A | Syrene sandy loam, 0 to 2 percent slopes | NHEL | 3 | 0.2 | 86 | 1 | 150 | 0.15 |
| I74A | Urban land-Endoaquents complex, 0 to 3 percent slopes | NHEL | 5 | 0.17 | 134 | 1 | 150 | 0.15 |
| I75A | Radium-Sandberg-Garborg complex, 0 to 3 percent slopes | PHEL | 5 | 0.2 | 86 | 3 | 150 | 0.15 |
| I76A | Karlstad loamy sand, 0 to 3 percent slopes | NHEL | 3 | 0.17 | 86 | 1 | 150 | 0.15 |
| I77A | Deerwood muck, dense till, 0 to 1 percent slopes | HEL | 3 | | 134 | 0.5 | 150 | 0.11 |
| I78B | Marquette loamy sand, 2 to 9 percent slopes | HEL | 2 | 0.17 | 134 | | | |
| I79A | Berner, Cathro and Haug soils, ponded, 0 to 1 percent slopes | NHEL | 5 | | 0 | 0.5 | 150 | 0.11 |
| I80B | Karlstad-Marquette loamy sands, 0 to 8 percent slopes | HEL | 2 | 0.17 | 134 | 3 | 150 | 0.32 |
| I81A | Northwood muck, dense till, 0 to 1 percent slopes | NHEL | 5 | | 134 | 0.5 | 150 | 0.11 |
| I82A | Cathro muck, dense till, 0 to 1 percent slopes | NHEL | 5 | | 134 | 0.5 | 150 | 0.11 |
| I83A | Wildwood muck, dense till, 0 to 1 percent slopes | HEL | 3 | | 134 | 0.5 | 150 | 0.11 |
| I84A | Percy loam, 0 to 1 percent slopes, very cobbly | NHEL | 5 | 0.28 | 0 | 1 | 150 | 0.15 |
| I85A | Percy loam, 0 to 1 percent slopes, bouldery | NHEL | 5 | 0.28 | 0 | 1 | 150 | 0.15 |
| I86A | Percy mucky loam, 0 to 1 percent slopes | NHEL | 5 | 0.24 | 48 | 0.5 | 150 | 0.11 |
| I87A | Pelan sandy loam, dense till, 0 to 2 percent slopes | NHEL | 3 | 0.24 | 86 | 1 | 150 | 0.15 |
| I88A | Haug muck, 0 to 1 percent slopes | NHEL | 5 | | 134 | 0.5 | 150 | 0.11 |

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|-------|--|------|---|------|-----|-----|-----|------|
| I89A | Nereson fine sandy loam, 0 to 2 percent slopes, very cobbly | NHEL | 5 | 0.17 | 86 | 1 | 150 | 0.15 |
| I90A | Redby loamy fine sand, dense till, 0 to 3 percent slopes | NHEL | 5 | 0.17 | 134 | 1 | 150 | 0.15 |
| I91A | Rosewood fine sandy loam, dense till, 0 to 1 percent slopes | NHEL | 3 | 0.24 | 86 | 1 | 150 | 0.15 |
| I92A | Grano clay, 0 to 1 percent slopes | NHEL | 5 | 0.28 | 86 | 1 | 150 | 0.15 |
| I94A | Strathcona fine sandy loam, dense till, 0 to 1 percent slopes | NHEL | 5 | 0.2 | 86 | 1 | 150 | 0.15 |
| I95A | Kratka and Strathcona soils, dense till, 0 to 1 percent slopes | NHEL | 5 | 0.2 | 86 | 0.5 | 150 | 0.11 |
| I97A | Cormant loamy fine sand, dense till, 0 to 2 percent slopes | NHEL | 5 | 0.17 | 134 | 1 | 150 | 0.15 |
| I98A | Ulen fine sandy loam, dense till, 0 to 2 percent slopes | NHEL | 5 | 0.2 | 86 | 1 | 150 | 0.15 |
| I99A | Berner muck, dense till, 0 to 1 percent slopes | HEL | 2 | | 134 | 0.5 | 150 | 0.11 |
| I101A | Foxhome sandy loam, dense till, 0 to 2 percent slopes | NHEL | 3 | 0.2 | 86 | 1 | 150 | 0.15 |
| I102A | Mavie fine sandy loam, dense till, 0 to 1 percent slopes | NHEL | 3 | 0.24 | 86 | 1 | 150 | 0.15 |
| I103A | Kratka fine sandy loam, dense till, 0 to 1 percent slopes | NHEL | 5 | 0.17 | 86 | 1 | 150 | 0.15 |
| I104A | Strandquist loam, dense till, 0 to 1 percent slopes | NHEL | 3 | 0.2 | 86 | 1 | 150 | 0.15 |
| I106A | Enstrom loamy fine sand, dense till, 0 to 2 percent slopes | NHEL | 5 | 0.17 | 134 | 1 | 150 | 0.15 |
| I107A | Syrene mucky sandy loam, 0 to 1 percent slopes | NHEL | 3 | 0.2 | 86 | 1 | 150 | 0.15 |
| I108A | Syrene sandy loam, dense till, 0 to 2 percent slopes | NHEL | 3 | 0.2 | 86 | 1 | 150 | 0.15 |
| I109A | Fluvaquents, 0 to 2 percent slopes, frequently flooded | NHEL | 5 | 0.24 | 56 | 1 | 150 | 0.15 |

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|-------|--|------|---|------|-----|-----|-----|------|
| I110A | Augsburg, Borup and Colvin soils, very poorly drained, 0 to 1 percent slopes | NHEL | 4 | 0.28 | 86 | 0.5 | 150 | 0.11 |
| I113A | Grimstad fine sandy loam, dense till, 0 to 2 percent slopes | NHEL | 5 | 0.2 | 86 | 1 | 150 | 0.15 |
| I114A | Foldahl fine sandy loam, dense till, 0 to 2 percent slopes | NHEL | 5 | 0.2 | 86 | 1 | 150 | 0.15 |
| I115A | Garnes fine sandy loam, dense till, 0 to 2 percent slopes, very stony | NHEL | 5 | 0.32 | 86 | 1 | 150 | 0.15 |
| I116A | Grygla loamy fine sand, dense till, 0 to 1 percent slopes | NHEL | 5 | 0.15 | 134 | 1 | 150 | 0.15 |
| I117A | Skagen loam, dense till, 0 to 2 percent slopes, very cobbly | NHEL | 5 | 0.28 | 0 | 1 | 150 | 0.15 |
| I118A | Poppleton fine sand, dense till, 0 to 2 percent slopes | HEL | 5 | 0.15 | 250 | | | |
| I125A | Skagen loam, dense till, 0 to 2 percent slopes | NHEL | 5 | 0.2 | 86 | 1 | 150 | 0.15 |
| I126A | Nereson fine sandy loam, 0 to 2 percent slopes | NHEL | 5 | 0.2 | 86 | 1 | 150 | 0.15 |
| I127A | Percy loam, 0 to 1 percent slopes | NHEL | 5 | 0.28 | 86 | 1 | 150 | 0.15 |
| I260A | Rifle mucky peat, 0 to 1 percent slopes | NHEL | 5 | | 56 | 0.5 | 150 | 0.11 |
| I467A | Bearden silt loam, 0 to 2 percent slopes | NHEL | 5 | 0.28 | 86 | 1 | 150 | 0.15 |
| I629A | Colvin silty clay loam, Aspen Parkland, 0 to 1 percent slopes | NHEL | 5 | 0.32 | 86 | 1 | 150 | 0.15 |
| I640A | Augsburg loam, dense till, 0 to 1 percent slopes | NHEL | 4 | 0.28 | 86 | 1 | 150 | 0.15 |
| I647A | Wheatville loam, dense till, 0 to 2 percent slopes | NHEL | 4 | 0.28 | 86 | 1 | 150 | 0.15 |
| I682A | Borup-Glyndon complex, 0 to 2 percent slopes | NHEL | 4 | 0.28 | 86 | 1 | 150 | 0.15 |
| I693A | Garnes fine sandy loam, 0 to 2 percent slopes | NHEL | 5 | 0.32 | 86 | 1 | 150 | 0.15 |

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|-------|---|------|---|------|-----|-----|-----|------|
| I704A | Glyndon very fine sandy loam, Aspen Parkland, 0 to 2 percent slopes | NHEL | 5 | 0.28 | 86 | 1 | 150 | 0.15 |
| I705A | Roliss loam, dense till, 0 to 1 percent slopes | NHEL | 5 | 0.28 | 48 | 1 | 150 | 0.15 |
| I727B | Corliss loamy sand, 2 to 6 percent slopes | NHEL | 5 | 0.15 | 134 | | | |
| I739A | Dora muck, 0 to 1 percent slopes | NHEL | 4 | | 134 | 0.5 | 150 | 0.11 |
| I740A | Dora muck, ponded, 0 to 1 percent slopes | NHEL | 5 | | 0 | 0.5 | 150 | 0.11 |
| I741A | Boash clay loam, dense till, 0 to 1 percent slopes | NHEL | 5 | 0.32 | 86 | 1 | 150 | 0.15 |
| I744A | Grano loam, 0 to 1 percent slopes | NHEL | 5 | 0.24 | 56 | 1 | 150 | 0.15 |
| I745A | Espelie fine sandy loam, 0 to 2 percent slopes | NHEL | 4 | 0.2 | 86 | 1 | 150 | 0.15 |
| I763A | Hilaire fine sandy loam, 0 to 2 percent slopes | NHEL | 4 | 0.2 | 86 | 1 | 150 | 0.15 |
| I765A | Huot fine sandy loam, 0 to 3 percent slopes | NHEL | 4 | 0.2 | 86 | 1 | 150 | 0.15 |
| I785A | Rosewood-Ulen fine sandy loams, 0 to 2 percent slopes | NHEL | 3 | 0.24 | 86 | 1 | 150 | 0.15 |
| I789A | Skime loamy fine sand, 0 to 4 percent slopes | NHEL | 5 | 0.17 | 134 | 2 | 150 | 0.23 |
| I804A | Eckvoll loamy fine sand, dense till, 0 to 2 percent slopes | NHEL | 5 | 0.17 | 134 | 1 | 150 | 0.15 |
| I813A | Moranville loamy fine sand, 0 to 4 percent slopes | NHEL | 5 | 0.17 | 134 | 2 | 150 | 0.23 |
| I824A | Rushlake loamy sand, 0 to 2 percent slopes | NHEL | 5 | 0.17 | 134 | 1 | 150 | 0.15 |
| I830A | Woodslake clay, 0 to 1 percent slopes | NHEL | 5 | 0.28 | 86 | 1 | 150 | 0.15 |
| I833A | Wildwood muck, 0 to 1 percent slopes | HEL | 3 | | 134 | 0.5 | 150 | 0.11 |

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|-------|---|------|---|------|-----|-----|-----|------|
| I846A | Borup silt loam, Aspen Parkland, 0 to 1 percent slopes | NHEL | 4 | 0.28 | 86 | 1 | 150 | 0.15 |
| I850A | Thief river fine sandy loam, 0 to 1 percent slopes | NHEL | 3 | 0.24 | 86 | 1 | 150 | 0.15 |
| I852A | Mustinka clay loam, 0 to 1 percent slopes | NHEL | 5 | 0.28 | 38 | 0.5 | 150 | 0.11 |
| I858A | Croke very fine sandy loam, aspen parkland, 0 to 2 percent slopes | NHEL | 4 | 0.28 | 86 | 1 | 150 | 0.15 |
| IGp | Pits, gravel and sand | PHEL | 5 | 0.15 | 134 | 1 | 150 | 0.15 |
| IM-W | Miscellaneous water | | | | | | | |
| IWa | Water | | | | | | | |
| W | Water | | | | | | | |