

HIGHLY ERODIBLE MAP UNIT LIST FOR NOBLES COUNTY, MN

C = .20, R = 130

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| areasym | musym  | muname                                                            | T | K    | I  | Slope_% | Slope_I | LS   | HELC |
|---------|--------|-------------------------------------------------------------------|---|------|----|---------|---------|------|------|
| MN105   | 1015A  | Havelock clay loam, 0 to 2 percent slopes, frequently flooded     | 5 | .28  | 86 | 1       | 200     | 0.16 | NHEL |
| MN105   | 1024A  | Havelock clay loam, 0 to 2 percent slopes, occasionally flooded   | 5 | .28  | 86 | 1       | 200     | 0.16 | NHEL |
| MN105   | L5A    | Delft, overwash-Delft complex, 1 to 4 percent slopes              | 5 | .24  | 48 | 1       | 200     | 0.16 | NHEL |
| MN105   | L6A    | Biscay loam, 0 to 2 percent slopes                                | 4 | .28  | 38 | 1       | 200     | 0.16 | NHEL |
| MN105   | L78A   | Canisteo clay loam, 0 to 2 percent slopes                         | 5 | .24  | 86 | 1       | 200     | 0.16 | NHEL |
| MN105   | L79B   | Clarion loam, 2 to 5 percent slopes                               | 5 | .24  | 48 | 4       | 175     | 0.5  | NHEL |
| MN105   | L83A   | Webster clay loam, 0 to 2 percent slopes                          | 5 | .24  | 48 | 1       | 200     | 0.16 | NHEL |
| MN105   | L85A   | Nicollet clay loam, 1 to 3 percent slopes                         | 5 | .24  | 48 | 1       | 175     | 0.15 | NHEL |
| MN105   | L88A   | Lura silty clay, depressional, 0 to 1 percent slopes              | 5 | .28  | 86 | 1       | 200     | 0.16 | NHEL |
| MN105   | L96B   | Estherville-Hawick complex, 2 to 6 percent slopes                 | 3 | .20  | 86 | 4       | 175     | 0.5  | NHEL |
| MN105   | L97C   | Hawick-Estherville complex, 6 to 12 percent slopes                | 3 | 0.2  | 86 | 9       | 150     | 1.4  | PHEL |
| MN105   | L98A   | Crippin-Nicollet complex, 1 to 3 percent slopes                   | 5 | .24  | 48 | 1       | 175     | 0.15 | NHEL |
| MN105   | L102C2 | Omsrud-Storden complex, 6 to 12 percent slopes, moderately eroded | 5 | 0.28 | 86 | 9       | 150     | 1.4  | PHEL |

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|---------|--------|------------------------------------------------------------------------------|---|------|----|---------|---------|------|------|
| MN105   | L102D2 | Omsrud-Storden complex, 12 to 18 percent slopes, moderately eroded           | 5 | 0.28 | 86 | 15      | 100     | 2.5  | HEL  |
| MN105   | L107A  | Canisteo-Glencoe, depressional, complex, 0 to 2 percent slopes               | 5 | .24  | 86 | 1       | 200     | 0.16 | NHEL |
| MN105   | L111A  | Nicollet silty clay loam, 1 to 3 percent slopes                              | 5 | .24  | 48 | 1       | 175     | 0.15 | NHEL |
| MN105   | L112A  | Webster silty clay loam, 0 to 2 percent slopes                               | 5 | 0.28 | 38 | 1       | 200     | 0.16 | NHEL |
| MN105   | L126A  | Coland silty clay loam, 0 to 2 percent slopes, occasionally flooded          | 5 | 0.28 | 38 | 1       | 200     | 0.16 | NHEL |
| MN105   | L127A  | Coland silty clay loam, channeled, 0 to 2 percent slopes, frequently flooded | 5 | 0.28 | 38 | 1       | 200     | 0.16 | NHEL |
| MN105   | L129B  | Terril loam, 2 to 6 percent slopes                                           | 5 | .24  | 48 | 4       | 200     | 0.53 | NHEL |
| MN105   | L130A  | Okoboji mucky silty clay loam, depressional, 0 to 1 percent slopes           | 5 | 0.28 | 38 | 1       | 200     | 0.16 | NHEL |
| MN105   | L133A  | Waldorf silty clay loam, 0 to 2 percent slopes                               | 5 | .28  | 86 | 1       | 200     | 0.16 | NHEL |
| MN105   | L134B  | Clarion-Crooksford complex, 1 to 5 percent slopes                            | 5 | .24  | 48 | 4       | 175     | 0.5  | NHEL |
| MN105   | L135A  | Okabena silty clay loam, 1 to 3 percent slopes                               | 5 | 0.32 | 86 | 3       | 200     | 0.35 | NHEL |
| MN105   | L136A  | Crooksford silty clay loam, 1 to 3 percent slopes                            | 5 | 0.32 | 38 | 4       | 175     | 0.5  | NHEL |
| MN105   | L137A  | Cylinder loam, 0 to 2 percent slopes                                         | 4 | 0.32 | 48 | 1       | 250     | 0.17 | NHEL |

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| areasym | musym | muname                                                       | T | K    | I  | Slope_% | Slope_I | LS   | HELC |
|---------|-------|--------------------------------------------------------------|---|------|----|---------|---------|------|------|
| MN105   | L138B | Estherville loam, 1 to 6 percent slopes                      | 3 | .20  | 56 | 3       | 200     | 0.53 | NHEL |
| MN105   | L139A | Wadena loam, 0 to 2 percent slopes                           | 4 | .24  | 48 | 1       | 200     | 0.16 | NHEL |
| MN105   | L139B | Wadena loam, 2 to 6 percent slopes                           | 4 | .24  | 48 | 4       | 175     | 0.5  | NHEL |
| MN105   | L140A | Ocheda silty clay loam, 1 to 3 percent slopes                | 5 | .28  | 86 | 1       | 200     | 0.16 | NHEL |
| MN105   | L141A | Spillville loam, 0 to 2 percent slopes, occasionally flooded | 5 | .24  | 48 | 1       | 200     | 0.16 | NHEL |
| MN105   | L144A | Chetomba silty clay loam, 0 to 2 percent slopes              | 5 | .28  | 86 | 1       | 250     | 0.17 | NHEL |
| MN105   | L145A | Canisteo silty clay loam, 0 to 2 percent slopes              | 5 | .24  | 86 | 1       | 200     | 0.16 | NHEL |
| MN105   | L146A | Glencoe silty clay loam, depressional, 0 to 1 percent slopes | 5 | 0.28 | 38 | 1       | 200     | 0.16 | NHEL |
| MN105   | L150A | Prinsburg silty clay loam, 0 to 2 percent slopes             | 5 | .28  | 86 | 1       | 250     | 0.17 | NHEL |
| MN105   | L151A | Glencoe mucky silty clay loam, ponded, 0 to 1 percent slopes | 5 | .28  | 0  | 1       | 200     | 0.16 | NHEL |
| MN105   | L152B | Lowlein-Round lake complex, 1 to 6 percent slopes            | 3 | .20  | 86 | 4       | 175     | 0.5  | NHEL |
| MN105   | L153A | Essexville sandy loam, 0 to 2 percent slopes                 | 4 | 0.28 | 86 | 1       | 200     | 0.16 | NHEL |
| MN105   | L154E | Belview-Ridgeton complex, 15 to 45 percent slopes            | 5 | .28  | 86 | 21      | 100     | 4.4  | HEL  |

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| areasym | musym  | muname                                                                         | T | K    | I  | Slope_% | Slope_I | LS   | HELC |
|---------|--------|--------------------------------------------------------------------------------|---|------|----|---------|---------|------|------|
| MN105   | L155A  | Okobojo mucky silty clay loam, ponded, 0 to 1 percent slopes                   | 5 | 0.28 | 0  | 1       | 200     | 0.16 | NHEL |
| MN105   | L156C2 | Omsrud-Storden-Pilot Grove complex, 6 to 12 percent slopes, moderately eroded  | 3 | 0.2  | 56 | 9       | 150     | 1.4  | PHEL |
| MN105   | L156D2 | Omsrud-Storden-Pilot Grove complex, 12 to 18 percent slopes, moderately eroded | 3 | 0.2  | 56 | 15      | 100     | 2.5  | HEL  |
| MN105   | L157A  | Lowlein loam, 0 to 2 percent slopes                                            | 4 | 0.24 | 48 | 1       | 200     | 0.16 | NHEL |
| MN105   | L158B  | Round lake sandy loam, 1 to 6 percent slopes                                   | 3 | .20  | 86 | 4       | 175     | 0.5  | NHEL |
| MN105   | L159A  | Knoke mucky silty clay loam, depressional, 0 to 1 percent slopes               | 5 | 0.28 | 86 | 1       | 200     | 0.16 | NHEL |
| MN105   | L160B  | Dickinson sandy loam, loamy substratum, 1 to 6 percent slopes                  | 3 | .20  | 86 | 3       | 175     | 0.33 | NHEL |
| MN105   | L161C  | Estherville-Pilot Grove complex, 6 to 12 percent slopes                        | 3 | .20  | 86 | 9       | 150     | 1.4  | PHEL |
| MN105   | L162B  | Clarion-Round lake complex, 2 to 6 percent slopes                              | 3 | 0.2  | 56 | 4       | 175     | 0.5  | NHEL |
| MN105   | L163A  | Okobojo silty clay loam, depressional, 0 to 1 percent slopes                   | 5 | 0.28 | 38 | 1       | 200     | 0.16 | NHEL |
| MN105   | L170B  | Estherville-Round lake complex, 2 to 6 percent slopes                          | 3 | .20  | 86 | 4       | 175     | 0.5  | NHEL |
| MN105   | P1B    | Annieville silty clay loam, 2 to 5 percent slopes                              | 5 | .32  | 86 | 2       | 250     | 0.27 | NHEL |
| MN105   | P2A    | McCreath silty clay loam, 1 to 3 percent slopes                                | 5 | 0.28 | 86 | 1       | 250     | 0.17 | NHEL |

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| areasym | musym | muname                                                              | T | K    | I  | Slope_% | Slope_I | LS   | HELC |
|---------|-------|---------------------------------------------------------------------|---|------|----|---------|---------|------|------|
| MN105   | P3A   | Biscay silty clay loam, 0 to 2 percent slopes, occasionally flooded | 4 | .28  | 38 | 1       | 200     | 0.16 | NHEL |
| MN105   | P7A   | Comfrey clay loam, 0 to 2 percent slopes, occasionally flooded      | 5 | .28  | 38 | 1       | 200     | 0.16 | NHEL |
| MN105   | P9A   | Gillett Grove silty clay loam, 0 to 2 percent slopes                | 5 | .28  | 86 | 1       | 250     | 0.17 | NHEL |
| MN105   | P12B  | Everly silty clay loam, 2 to 6 percent slopes                       | 5 | .24  | 48 | 4       | 200     | 0.53 | NHEL |
| MN105   | P12C2 | Everly silty clay loam, 6 to 12 percent slopes, moderately eroded   | 5 | .24  | 48 | 9       | 150     | 1.4  | PHEL |
| MN105   | P15B  | Galva silty clay loam, 2 to 5 percent slopes                        | 5 | 0.32 | 86 | 2       | 250     | 0.27 | NHEL |
| MN105   | P20B  | Judson silt loam, 3 to 8 percent slopes                             | 5 | 0.24 | 48 | 4       | 200     | 0.53 | NHEL |
| MN105   | P21A  | Marcus silty clay loam, 0 to 2 percent slopes                       | 5 | .28  | 86 | 1       | 250     | 0.17 | NHEL |
| MN105   | P27A  | Primghar silty clay loam, 1 to 3 percent slopes                     | 5 | .28  | 86 | 1       | 250     | 0.17 | NHEL |
| MN105   | P28A  | Ransom silty clay loam, 1 to 3 percent slopes                       | 5 | .32  | 38 | 1       | 250     | 0.17 | NHEL |
| MN105   | P29A  | Rushmore silty clay loam, 0 to 2 percent slopes                     | 5 | .28  | 38 | 1       | 250     | 0.17 | NHEL |
| MN105   | P30B  | Sac silty clay loam, 2 to 5 percent slopes                          | 5 | 0.28 | 86 | 2       | 250     | 0.27 | NHEL |
| MN105   | P31A  | Spicer silty clay loam, 0 to 2 percent slopes                       | 5 | .28  | 86 | 1       | 250     | 0.17 | NHEL |

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| areasym | musym | muname                                                                  | T | K    | I  | Slope_% | Slope_I | LS   | HELC |
|---------|-------|-------------------------------------------------------------------------|---|------|----|---------|---------|------|------|
| MN105   | P33A  | Spillco silt loam, 0 to 2 percent slopes, occasionally flooded          | 5 | .24  | 48 | 1       | 200     | 0.16 | NHEL |
| MN105   | P36A  | Talcot silty clay loam, 0 to 2 percent slopes, occasionally flooded     | 4 | .28  | 86 | 1       | 200     | 0.16 | NHEL |
| MN105   | P37D  | Talmo gravelly sandy loam, 6 to 35 percent slopes                       | 3 | 0.2  | 86 | 9       | 150     | 1.4  | PHEL |
| MN105   | P38B  | Thurman sandy loam, 2 to 6 percent slopes                               | 3 | .20  | 86 | 3       | 175     | 0.33 | NHEL |
| MN105   | P38C  | Thurman sandy loam, 6 to 12 percent slopes                              | 3 | .20  | 86 | 9       | 150     | 1.4  | PHEL |
| MN105   | P43A  | Wilmington silty clay loam, 1 to 3 percent slopes                       | 5 | .28  | 38 | 1       | 250     | 0.17 | NHEL |
| MN105   | P45E  | Moneta clay loam, 15 to 45 percent slopes                               | 5 | 0.28 | 86 | 21      | 100     | 4.4  | HEL  |
| MN105   | P48A  | Allendorf silty clay loam, 0 to 2 percent slopes                        | 4 | 0.32 | 48 | 1       | 250     | 0.17 | NHEL |
| MN105   | P48B  | Allendorf silty clay loam, 2 to 6 percent slopes                        | 4 | 0.32 | 48 | 4       | 200     | 0.53 | NHEL |
| MN105   | P49A  | Comfrey clay loam, 0 to 2 percent slopes, frequently flooded            | 5 | .28  | 38 | 1       | 200     | 0.16 | NHEL |
| MN105   | P50B  | Everly-Kanaranzi complex, 2 to 6 percent slopes                         | 3 | 0.2  | 56 | 4       | 200     | 0.53 | NHEL |
| MN105   | P51C2 | Everly-Moneta-Talmo complex, 6 to 12 percent slopes, moderately eroded  | 3 | 0.2  | 56 | 9       | 150     | 1.4  | PHEL |
| MN105   | P52D2 | Moneta-Everly-Talmo complex, 12 to 18 percent slopes, moderately eroded | 3 | 0.2  | 56 | 15      | 100     | 2.5  | HEL  |

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| areasym | musym | muname                                                            | T | K    | I  | Slope_% | Slope_I | LS   | HELC |
|---------|-------|-------------------------------------------------------------------|---|------|----|---------|---------|------|------|
| MN105   | P53C2 | Everly-Moneta complex, 6 to 12 percent slopes, moderately eroded  | 5 | 0.28 | 86 | 9       | 150     | 1.4  | PHEL |
| MN105   | P54D2 | Moneta-Everly complex, 12 to 18 percent slopes, moderately eroded | 5 | 0.28 | 86 | 15      | 100     | 2.5  | HEL  |
| MN105   | P55A  | Kato silty clay loam, 0 to 2 percent slopes                       | 4 | .28  | 38 | 1       | 200     | 0.16 | NHEL |
| MN105   | P56A  | Kanaranzi silt loam, 0 to 2 percent slopes                        | 3 | 0.24 | 48 | 1       | 250     | 0.17 | NHEL |
| MN105   | P56B  | Kanaranzi silt loam, 2 to 6 percent slopes                        | 3 | 0.24 | 48 | 4       | 200     | 0.53 | NHEL |