| Mapunit | Comp % | Cap Cl | Slope RV% | Slope length (ft) | Hyd Grp | T | WEI | Horz Desig | Depth (in) | Texture RV | Total Sand RV | Total Silt RV | Total Clay RV | Kf | Kw | OM RV % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 41 | | | | | | | | | | | | | | | | |
| Sparta | 95 | 4s | 1.0 | 200 | a | 5 | 134 | H1 | 0-16 | LFS | 86.8 | 6.7 | 6.5 | .17 | .17 | 1.50 |
| | | | | | | | | H2 | 16-60 | LFS | 79.0 | 16.5 | 4.5 | .15 | .15 | 0.55 |
| | | | | | | | | H3 | 60-64 | FS | 96.8 | 0.7 | 2.5 | .15 | .15 | 0.25 |
| 41B | | | | | | | | | | | | | | | | |
| Sparta | 95 | 4s | 4.0 | 200 | a | 5 | 134 | H1 | 0-16 | LFS | 86.8 | 6.7 | 6.5 | .17 | .17 | 1.50 |
| | | | | | | | | H2 | 16-60 | LFS | 79.0 | 16.5 | 4.5 | .15 | .15 | 0.55 |
| | | | | | | | | H3 | 60-64 | FS | 96.8 | 0.7 | 2.5 | .15 | .15 | 0.25 |
| 41C | | | | | | | | | | | | | | | | |
| Sparta | 95 | 4s | 7.0 | 200 | a | 5 | 134 | H1 | 0-16 | LFS | 86.8 | 6.7 | 6.5 | .17 | .17 | 1.50 |
| | | | | | | | | H2 | 16-60 | LFS | 79.0 | 16.5 | 4.5 | .15 | .15 | 0.55 |
| | | | | | | | | H3 | 60-64 | FS | 96.8 | 0.7 | 2.5 | .15 | .15 | 0.25 |
| 63B | | | | | | | | | | | | | | | | |
| Chelsea | 95 | 4s | 4.0 | 200 | a | 5 | 134 | H1 | 0-5 | LFS | 87.0 | 1.5 | 11.5 | .17 | .17 | 1.00 |
| | | | | | | | | H2 | 5-60 | FS | 91.3 | 1.2 | 7.5 | .17 | .17 | 0.25 |
| 63C | | | | | | | | | | | | | | | | |
| Chelsea | 95 | 4s | 7.0 | 200 | a | 5 | 134 | H1 | 0-5 | LFS | 87.0 | 1.5 | 11.5 | .17 | .17 | 1.00 |
| | | | | | | | | H2 | 5-60 | FS | 91.3 | 1.2 | 7.5 | .17 | .17 | 0.25 |
| 83B | | | | | | | | | | | | | | | | |
| Kenyon | 90 | 2e | 4.0 | 200 | b | 5 | 48 | H1 | 0-20 | L | 41.1 | 36.9 | 22.0 | .24 | .24 | 3.50 |
| | | | | | | | | H2 | 20-45 | L | 38.5 | 36.5 | 25.0 | .28 | .28 | 0.75 |
| | | | | | | | | H3 | 45-60 | L | 41.1 | 36.9 | 22.0 | .37 | .37 | 0.25 |
| 83C | | | | | | | | | | | | | | | | |
| Kenyon | 100 | 3e | 7.0 | 200 | b | 5 | 48 | H1 | 0-20 | L | 41.1 | 36.9 | 22.0 | .24 | .24 | 3.50 |
| | | | | | | | | H2 | 20-45 | L | 38.5 | 36.5 | 25.0 | .28 | .28 | 0.75 |
| | | | | | | | | H3 | 45-60 | L | 41.1 | 36.9 | 22.0 | .37 | .37 | 0.25 |
| 83C2 | | | | | | | | | | | | | | | | |
| Kenyon | 100 | 3e | 7.0 | 200 | b | 5 | 48 | H1 | 0-20 | L | 41.1 | 36.9 | 22.0 | .28 | .28 | 2.70 |
| | | | | | | | | H2 | 20-45 | L | 38.5 | 36.5 | 25.0 | .28 | .28 | 0.50 |
| | | | | | | | | H3 | 45-60 | L | 41.1 | 36.9 | 22.0 | .37 | .37 | 0.25 |
| 84 | | | | | | | | | | | | | | | | |
| Clyde | 85 | 2w | 2.0 | 200 | b/d | 5 | 48 | H1 | 0-22 | CL | 33.5 | 36.5 | 30.0 | .24 | .24 | 7.50 |
| | | | | | | | | H2 | 22-32 | L | 38.5 | 36.5 | 25.0 | .37 | .37 | 2.50 |
| | | | | | | | | H3 | 32-36 | SL | 65.1 | 18.9 | 16.0 | .37 | .37 | 0.50 |
| | | | | | | | | H4 | 36-70 | L | 41.1 | 36.9 | 22.0 | .37 | .37 | 0.25 |

| Mapunit | Comp % | Cap Cl | Slope RV% | Slope length (ft) | Hyd Grp | T | WEI | Horz Desig | Depth (in) | Texture RV | Total Sand RV | Total Silt RV | Total Clay RV | Kf | Kw | OM RV % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 109B | | | | | | | | | | | | | | | | |
| Backbone | 100 | 4s | 4.0 | 200 | b | 3 | 86 | H1 | 0-8 | FSL | 66.9 | 20.1 | 13.0 | .20 | .20 | 1.50 |
| | | | | | | | | H2 | 8-32 | SL | 65.9 | 19.1 | 15.0 | .20 | .20 | 0.75 |
| | | | | | | | | H3 | 32-34 | CL | 30.5 | 32.5 | 37.0 | .24 | .24 | 0.25 |
| | | | | | | | | H4 | 34-38 | UWB | -- | -- | -- | -- | -- | --- |
| 110 | | | | | | | | | | | | | | | | |
| Lamont | 95 | 3s | 1.0 | 200 | b | 4 | 86 | H1 | 0-7 | FSL | 67.3 | 20.2 | 12.5 | .24 | .24 | 1.00 |
| | | | | | | | | H2 | 7-36 | FSL | 63.5 | 26.5 | 10.0 | .24 | .24 | 0.25 |
| | | | | | | | | H3 | 36-60 | LS | 84.9 | 9.1 | 6.0 | .17 | .17 | 0.25 |
| 110B | | | | | | | | | | | | | | | | |
| Lamont | 95 | 3e | 4.0 | 200 | b | 4 | 86 | H1 | 0-7 | FSL | 67.3 | 20.2 | 12.5 | .24 | .24 | 1.00 |
| | | | | | | | | H2 | 7-36 | FSL | 63.5 | 26.5 | 10.0 | .24 | .24 | 0.25 |
| | | | | | | | | H3 | 36-60 | LS | 84.9 | 9.1 | 6.0 | .17 | .17 | 0.25 |
| 141 | | | | | | | | | | | | | | | | |
| Watseka | 95 | 3s | 2.0 | 200 | b | 5 | 134 | H1 | 0-34 | LFS | 83.0 | 6.5 | 10.5 | .17 | .17 | 2.50 |
| | | | | | | | | H2 | 34-60 | S | 92.9 | 1.6 | 5.5 | .17 | .17 | 0.25 |
| 151 | | | | | | | | | | | | | | | | |
| Marshan | 90 | 2w | 1.0 | 200 | b/d | 4 | 48 | H1 | 0-21 | CL | 35.4 | 33.6 | 31.0 | .28 | .28 | 5.50 |
| | | | | | | | | H2 | 21-26 | CL | 33.5 | 36.5 | 30.0 | .28 | .28 | 2.00 |
| | | | | | | | | H3 | 26-34 | L | 39.1 | 36.9 | 24.0 | .28 | .28 | 0.25 |
| | | | | | | | | H4 | 34-60 | GR-LS | 81.1 | 16.4 | 2.5 | .15 | .15 | 0.25 |
| 152 | | | | | | | | | | | | | | | | |
| Marshan | 90 | 2w | 1.0 | 200 | b/d | 4 | 48 | H1 | 0-21 | CL | 35.4 | 33.6 | 31.0 | .28 | .28 | 5.50 |
| | | | | | | | | H2 | 21-26 | CL | 33.5 | 36.5 | 30.0 | .28 | .28 | 2.00 |
| | | | | | | | | H3 | 26-34 | L | 39.1 | 36.9 | 24.0 | .28 | .28 | 0.25 |
| | | | | | | | | H4 | 34-60 | GR-LS | 81.1 | 16.4 | 2.5 | .15 | .15 | 0.25 |
| 159 | | | | | | | | | | | | | | | | |
| Finchford | 100 | 4s | 1.0 | 200 | a | 5 | 134 | H1 | 0-22 | LS | 83.5 | 9.0 | 7.5 | .17 | .17 | 1.50 |
| | | | | | | | | H2 | 22-35 | LS | 79.2 | 15.8 | 5.0 | .15 | .15 | 0.50 |
| | | | | | | | | H3 | 35-60 | GR-S | 95.0 | 1.5 | 3.5 | .24 | .15 | 0.25 |
| 159C | | | | | | | | | | | | | | | | |
| Finchford | 100 | 4s | 6.0 | 200 | a | 5 | 134 | H1 | 0-22 | LS | 83.5 | 9.0 | 7.5 | .17 | .17 | 1.00 |
| | | | | | | | | H2 | 22-35 | LS | 79.2 | 15.8 | 5.0 | .15 | .15 | 0.50 |
| | | | | | | | | H3 | 35-60 | GR-S | 95.0 | 1.5 | 3.5 | .24 | .15 | 0.25 |
| 171B | | | | | | | | | | | | | | | | |
| Bassett | 95 | 2e | 4.0 | 200 | b | 5 | 48 | H1 | 0-14 | L | 41.4 | 37.1 | 21.5 | .28 | .28 | 3.00 |
| | | | | | | | | H2 | 14-36 | L | 39.1 | 36.9 | 24.0 | .28 | .28 | 0.75 |
| | | | | | | | | H3 | 36-60 | L | 41.1 | 36.9 | 22.0 | .37 | .37 | 0.25 |

| Mapunit | Comp % | Cap Cl | Slope RV% | Slope length (ft) | Hyd Grp | T | WEI | Horz Desig | Depth (in) | Texture RV | Total Sand RV | Total Silt RV | Total Clay RV | Kf | Kw | OM RV % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 171C2 | | | | | | | | | | | | | | | | |
| Bassett | 100 | 3e | 7.0 | 200 | b | 5 | 48 | H1 | 0-14 | L | 41.4 | 37.1 | 21.5 | .28 | .28 | 2.50 |
| | | | | | | | | H2 | 14-36 | L | 39.1 | 36.9 | 24.0 | .28 | .28 | 0.75 |
| | | | | | | | | H3 | 36-60 | L | 41.1 | 36.9 | 22.0 | .37 | .37 | 0.25 |
| 175 | | | | | | | | | | | | | | | | |
| Dickinson | 95 | 3s | 1.0 | 200 | b | 4 | 86 | H1 | 0-8 | FSL | 66.1 | 19.9 | 14.0 | .20 | .20 | 2.50 |
| | | | | | | | | H2 | 8-33 | FSL | 67.3 | 20.2 | 12.5 | .17 | .17 | 0.75 |
| | | | | | | | | H3 | 33-45 | LFS | 86.4 | 6.6 | 7.0 | .20 | .20 | 0.25 |
| | | | | | | | | H4 | 45-60 | FS | 91.7 | 1.3 | 7.0 | .15 | .15 | 0.25 |
| 175B | | | | | | | | | | | | | | | | |
| Dickinson | 95 | 3e | 4.0 | 200 | b | 4 | 86 | H1 | 0-8 | FSL | 66.1 | 19.9 | 14.0 | .20 | .20 | 2.00 |
| | | | | | | | | H2 | 8-33 | FSL | 67.3 | 20.2 | 12.5 | .17 | .17 | 0.75 |
| | | | | | | | | H3 | 33-45 | LFS | 86.4 | 6.6 | 7.0 | .20 | .20 | 0.25 |
| | | | | | | | | H4 | 45-60 | FS | 91.7 | 1.3 | 7.0 | .15 | .15 | 0.25 |
| 177 | | | | | | | | | | | | | | | | |
| Saude | 100 | 2s | 1.0 | 200 | b | 4 | 48 | H1 | 0-12 | L | 41.6 | 37.4 | 21.0 | .24 | .24 | 4.00 |
| | | | | | | | | H2 | 12-29 | L | 44.3 | 40.7 | 15.0 | .37 | .24 | 1.50 |
| | | | | | | | | H3 | 29-60 | GR-S | 93.6 | 1.4 | 5.0 | .20 | .10 | 0.25 |
| 177B | | | | | | | | | | | | | | | | |
| Saude | 95 | 2e | 4.0 | 200 | b | 4 | 48 | H1 | 0-12 | L | 41.6 | 37.4 | 21.0 | .24 | .24 | 3.50 |
| | | | | | | | | H2 | 12-29 | L | 44.3 | 40.7 | 15.0 | .37 | .24 | 1.50 |
| | | | | | | | | H3 | 29-60 | GR-S | 93.6 | 1.4 | 5.0 | .20 | .10 | 0.25 |
| 178 | | | | | | | | | | | | | | | | |
| Waukee | 95 | 2s | 1.0 | 200 | b | 4 | 48 | H1 | 0-18 | L | 41.6 | 37.4 | 21.0 | .24 | .24 | 4.00 |
| | | | | | | | | H2 | 18-33 | L | 39.8 | 37.7 | 22.5 | .28 | .28 | 1.50 |
| | | | | | | | | H3 | 33-60 | GR-S | 93.6 | 1.4 | 5.0 | .17 | .10 | 0.50 |
| 184 | | | | | | | | | | | | | | | | |
| Klinger | 95 | 1 | 2.0 | 200 | b | 5 | 38 | H1 | 0-13 | SICL | 7.1 | 64.4 | 28.5 | .28 | .28 | 5.50 |
| | | | | | | | | H2 | 13-25 | SICL | 6.8 | 61.7 | 31.5 | .43 | .43 | 0.75 |
| | | | | | | | | H3 | 25-60 | L | 32.6 | 43.4 | 24.0 | .43 | .43 | 0.25 |
| 198B | | | | | | | | | | | | | | | | |
| Floyd | 95 | 2w | 3.0 | 200 | b | 5 | 48 | H1 | 0-18 | L | 39.5 | 37.5 | 23.0 | .24 | .24 | 5.50 |
| | | | | | | | | H2 | 18-28 | L | 41.6 | 37.4 | 21.0 | .32 | .32 | 1.50 |
| | | | | | | | | H3 | 28-34 | SL | 67.4 | 23.6 | 9.0 | .32 | .32 | 0.50 |
| | | | | | | | | H4 | 34-60 | L | 39.1 | 36.9 | 24.0 | .32 | .32 | 0.25 |
| 205B | | | | | | | | | | | | | | | | |
| Whalan | 95 | 2e | 4.0 | 200 | b | 3 | 48 | H1 | 0-9 | SIL | 26.1 | 52.4 | 21.5 | .32 | .32 | 2.50 |
| | | | | | | | | H2 | 9-27 | L | 37.9 | 35.6 | 26.5 | .32 | .32 | 0.75 |
| | | | | | | | | H3 | 27-36 | SIC | 5.5 | 47.0 | 47.5 | .32 | .32 | 0.25 |
| | | | | | | | | H4 | 36-40 | UWB | -- | -- | -- | -- | -- | --- |

| Mapunit | Comp % | Cap Cl | Slope RV% | Slope length (ft) | Hyd Grp | T | WEI | Horz Desig | Depth (in) | Texture RV | Total Sand RV | Total Silt RV | Total Clay RV | Kf | Kw | OM RV % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 207B | | | | | | | | | | | | | | | | |
| Whalan | 100 | 2e | 4.0 | 200 | b | 3 | 48 | H1 | 0-9 | SIL | 26.1 | 52.4 | 21.5 | .32 | .32 | 2.50 |
| | | | | | | | | H2 | 9-15 | L | 37.9 | 35.6 | 26.5 | .32 | .32 | 0.75 |
| | | | | | | | | H3 | 15-28 | SIC | 5.5 | 47.0 | 47.5 | .32 | .32 | 0.25 |
| | | | | | | | | H4 | 28-32 | UWB | -- | -- | -- | -- | -- | --- |
| 213B | | | | | | | | | | | | | | | | |
| Rockton | 95 | 2e | 4.0 | 200 | b | 3 | 48 | H1 | 0-18 | L | 39.8 | 37.7 | 22.5 | .28 | .28 | 3.50 |
| | | | | | | | | H2 | 18-34 | L | 38.0 | 36.0 | 26.0 | .28 | .28 | 0.75 |
| | | | | | | | | H3 | 34-38 | UWB | -- | -- | -- | -- | -- | --- |
| 214 | | | | | | | | | | | | | | | | |
| Rockton | 100 | 2s | 1.0 | 200 | b | 3 | 48 | H1 | 0-16 | L | 39.8 | 37.7 | 22.5 | .28 | .28 | 3.50 |
| | | | | | | | | H2 | 16-24 | L | 38.0 | 36.0 | 26.0 | .28 | .28 | 0.75 |
| | | | | | | | | H3 | 24-28 | UWB | -- | -- | -- | -- | -- | --- |
| 221 | | | | | | | | | | | | | | | | |
| Palms | 100 | 3w | 3.0 | 200 | a/d | 2 | 134 | H1 | 0-10 | MUCK | -- | -- | 0.0 | .28 | .28 | 75.00 |
| | | | | | | | | H2 | 10-45 | MUCK | -- | -- | 0.0 | -- | -- | 75.00 |
| | | | | | | | | H3 | 45-60 | MK-SIL | 26.3 | 52.7 | 21.0 | .37 | .37 | 10.00 |
| 225 | | | | | | | | | | | | | | | | |
| Lawler | 95 | 2s | 1.0 | 200 | b | 4 | 48 | H1 | 0-16 | L | 39.8 | 37.7 | 22.5 | .24 | .24 | 4.50 |
| | | | | | | | | H2 | 16-30 | L | 39.1 | 36.9 | 24.0 | .28 | .28 | 1.50 |
| | | | | | | | | H3 | 30-60 | GR-LS | 79.2 | 15.8 | 5.0 | .20 | .10 | 0.25 |
| 226 | | | | | | | | | | | | | | | | |
| Lawler | 95 | 2s | 1.0 | 200 | b | 4 | 48 | H1 | 0-16 | L | 39.8 | 37.7 | 22.5 | .24 | .24 | 4.50 |
| | | | | | | | | H2 | 16-34 | L | 39.1 | 36.9 | 24.0 | .28 | .28 | 1.50 |
| | | | | | | | | H3 | 34-60 | GR-LS | 79.2 | 15.8 | 5.0 | .20 | .10 | 0.25 |
| 241B | | | | | | | | | | | | | | | | |
| Burkhardt | 60 | 4e | 4.0 | 200 | b | 2 | 86 | H1 | 0-13 | SL | 67.4 | 23.6 | 9.0 | .20 | .20 | 2.20 |
| | | | | | | | | H2 | 13-18 | SL | 67.4 | 19.6 | 13.0 | .24 | .24 | 0.75 |
| | | | | | | | | H3 | 18-60 | COS | 90.1 | 6.4 | 3.5 | -- | .10 | 0.25 |
| Saude | 40 | 2e | 4.0 | 200 | b | 4 | 48 | H1 | 0-14 | L | 41.6 | 37.4 | 21.0 | .24 | .24 | 3.50 |
| | | | | | | | | H2 | 14-33 | L | 44.3 | 40.7 | 15.0 | .37 | .24 | 1.50 |
| | | | | | | | | H3 | 33-60 | GR-S | 93.6 | 1.4 | 5.0 | .20 | .10 | 0.25 |
| 284 | | | | | | | | | | | | | | | | |
| Flagler | 95 | 3s | 1.0 | 200 | b | 4 | 86 | H1 | 0-19 | SL | 65.9 | 19.1 | 15.0 | .20 | .20 | 2.50 |
| | | | | | | | | H2 | 19-25 | SL | 67.9 | 19.6 | 12.5 | .20 | .20 | 0.50 |
| | | | | | | | | H3 | 25-60 | S | 93.6 | 1.4 | 5.0 | .32 | .20 | 0.25 |

Buchanan County, Iowa

| Mapunit | Comp % | Cap Cl | Slope RV% | Slope length (ft) | Hyd Grp | T | WEI | Horz Desig | Depth (in) | Texture RV | Total Sand RV | Total Silt RV | Total Clay RV | Kf | Kw | OM RV % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 284B | | | | | | | | | | | | | | | | |
| Flagler | 100 | 3e | 4.0 | 200 | b | 4 | 86 | H1 | 0-11 | SL | 65.9 | 19.1 | 15.0 | .20 | .20 | 2.00 |
| | | | | | | | | H2 | 11-21 | SL | 67.9 | 19.6 | 12.5 | .20 | .20 | 0.50 |
| | | | | | | | | H3 | 21-60 | S | 93.6 | 1.4 | 5.0 | .32 | .20 | 0.25 |
| 290 | | | | | | | | | | | | | | | | |
| Dells | 95 | 2w | 1.0 | 200 | c | 4 | 56 | H1 | 0-12 | SIL | 13.9 | 70.1 | 16.0 | .32 | .32 | 3.50 |
| | | | | | | | | H2 | 12-27 | SIL | 9.1 | 64.9 | 26.0 | .43 | .43 | 0.25 |
| | | | | | | | | H3 | 27-34 | L | 41.0 | 41.5 | 17.5 | .32 | .32 | 0.25 |
| | | | | | | | | H4 | 34-60 | LS | 79.2 | 15.8 | 5.0 | .15 | .15 | 0.25 |
| 377B | | | | | | | | | | | | | | | | |
| Dinsdale | 100 | 2e | 4.0 | 200 | b | 5 | 48 | H1 | 0-15 | SIL | 9.1 | 64.9 | 26.0 | .28 | .28 | 3.50 |
| | | | | | | | | H2 | 15-25 | SICL | 6.7 | 61.3 | 32.0 | .43 | .43 | 1.50 |
| | | | | | | | | H3 | 25-60 | L | 32.6 | 43.4 | 24.0 | .43 | .43 | 0.25 |
| 382 | | | | | | | | | | | | | | | | |
| Maxfield | 100 | 2w | 1.0 | 200 | b/d | 5 | 38 | H1 | 0-18 | SICL | 6.9 | 62.1 | 31.0 | .28 | .28 | 7.00 |
| | | | | | | | | H2 | 18-30 | SICL | 7.0 | 63.5 | 29.5 | .32 | .32 | 0.50 |
| | | | | | | | | H3 | 30-60 | L | 33.1 | 43.9 | 23.0 | .32 | .32 | 0.50 |
| 391B | | | | | | | | | | | | | | | | |
| Clyde | 60 | 2w | 2.0 | 200 | b/d | 5 | 48 | H1 | 0-22 | CL | 33.5 | 36.5 | 30.0 | .24 | .24 | 7.50 |
| | | | | | | | | H2 | 22-32 | L | 38.5 | 36.5 | 25.0 | .37 | .37 | 2.50 |
| | | | | | | | | H3 | 32-36 | SL | 65.1 | 18.9 | 16.0 | .37 | .37 | 0.50 |
| | | | | | | | | H4 | 36-70 | L | 41.1 | 36.9 | 22.0 | .37 | .37 | 0.25 |
| Floyd | 30 | 2w | 3.0 | 200 | b | 5 | 48 | H1 | 0-18 | L | 39.5 | 37.5 | 23.0 | .24 | .24 | 5.50 |
| | | | | | | | | H2 | 18-28 | L | 41.6 | 37.4 | 21.0 | .32 | .32 | 1.50 |
| | | | | | | | | H3 | 28-34 | SL | 67.4 | 23.6 | 9.0 | .32 | .32 | 0.50 |
| | | | | | | | | H4 | 34-60 | L | 39.1 | 36.9 | 24.0 | .32 | .32 | 0.25 |
| 398 | | | | | | | | | | | | | | | | |
| Tripoli | 90 | 2w | 1.0 | 200 | b/d | 5 | 48 | H1 | 0-19 | CL | 33.5 | 36.5 | 30.0 | .24 | .24 | 6.50 |
| | | | | | | | | H2 | 19-35 | L | 38.5 | 36.5 | 25.0 | .24 | .24 | 3.00 |
| | | | | | | | | H3 | 35-60 | L | 39.1 | 36.9 | 24.0 | .28 | .28 | 1.00 |
| 399 | | | | | | | | | | | | | | | | |
| Readlyn | 95 | 1 | 2.0 | 200 | b | 5 | 48 | H1 | 0-22 | L | 41.6 | 37.4 | 21.0 | .24 | .24 | 5.00 |
| | | | | | | | | H2 | 22-50 | L | 38.5 | 36.5 | 25.0 | .32 | .32 | 3.00 |
| | | | | | | | | H3 | 50-60 | L | 41.6 | 37.4 | 21.0 | .32 | .32 | 0.50 |
| 407B | | | | | | | | | | | | | | | | |
| Schley | 95 | 2w | 3.0 | 200 | b | 5 | 48 | H1 | 0-13 | L | 42.1 | 37.9 | 20.0 | .28 | .28 | 3.00 |
| | | | | | | | | H2 | 13-34 | L | 41.4 | 37.1 | 21.5 | .32 | .32 | 0.75 |
| | | | | | | | | H3 | 34-60 | L | 39.1 | 36.9 | 24.0 | .32 | .32 | 0.25 |

Buchanan County, Iowa

| Mapunit | Comp % | Cap Cl | Slope RV% | Slope length (ft) | Hyd Grp | T | WEI | Horz Desig | Depth (in) | Texture RV | Total Sand RV | Total Silt RV | Total Clay RV | Kf | Kw | OM RV % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 408B | | | | | | | | | | | | | | | | |
| Olin | 85 | 2e | 4.0 | 200 | b | 5 | 86 | H1 | 0-21 | FSL | 65.4 | 19.6 | 15.0 | .20 | .20 | 2.00 |
| | | | | | | | | H2 | 21-29 | FSL | 65.4 | 19.6 | 15.0 | .20 | .20 | 0.75 |
| | | | | | | | | H3 | 29-45 | L | 39.1 | 36.9 | 24.0 | .37 | .37 | 0.50 |
| | | | | | | | | H4 | 45-60 | L | 39.1 | 36.9 | 24.0 | .37 | .37 | 0.25 |
| 408C | | | | | | | | | | | | | | | | |
| Olin | 90 | 3e | 7.0 | 200 | b | 5 | 86 | H1 | 0-21 | FSL | 65.4 | 19.6 | 15.0 | .20 | .20 | 2.00 |
| | | | | | | | | H2 | 21-29 | FSL | 65.4 | 19.6 | 15.0 | .20 | .20 | 0.75 |
| | | | | | | | | H3 | 29-45 | L | 39.1 | 36.9 | 24.0 | .37 | .37 | 0.50 |
| | | | | | | | | H4 | 45-60 | L | 39.1 | 36.9 | 24.0 | .37 | .37 | 0.25 |
| 412C | | | | | | | | | | | | | | | | |
| Sogn | 95 | 7s | 6.0 | 200 | d | 1 | 86 | H1 | 0-18 | L | 38.0 | 36.0 | 26.0 | .28 | .28 | 3.00 |
| | | | | | | | | H2 | 18-60 | UWB | -- | -- | -- | -- | -- | --- |
| 471 | | | | | | | | | | | | | | | | |
| Oran | 95 | 1 | 2.0 | 200 | b | 5 | 48 | H1 | 0-16 | L | 42.1 | 37.9 | 20.0 | .24 | .24 | 3.50 |
| | | | | | | | | H2 | 16-39 | L | 38.5 | 36.5 | 25.0 | .32 | .32 | 1.50 |
| | | | | | | | | H3 | 39-60 | L | 39.5 | 37.5 | 23.0 | .37 | .37 | 0.25 |
| 485 | | | | | | | | | | | | | | | | |
| Spillville | 95 | 2w | 1.0 | 200 | b | 5 | 48 | H1 | 0-40 | L | 41.1 | 36.9 | 22.0 | .24 | .24 | 4.50 |
| | | | | | | | | H2 | 40-60 | SL | 66.0 | 15.0 | 19.0 | .28 | .28 | 2.50 |
| 499B | | | | | | | | | | | | | | | | |
| Nordness | 100 | 4s | 4.0 | 200 | b | 1 | 48 | H1 | 0-12 | L | 41.6 | 37.4 | 21.0 | .32 | .32 | 2.50 |
| | | | | | | | | H2 | 12-16 | SIC | 7.8 | 50.2 | 42.0 | .32 | .32 | 0.75 |
| | | | | | | | | H3 | 16-60 | UWB | -- | -- | -- | -- | -- | 0.00 |
| 499D | | | | | | | | | | | | | | | | |
| Nordness | 100 | 6s | 10.0 | 200 | b | 1 | 48 | H1 | 0-12 | L | 41.6 | 37.4 | 21.0 | .32 | .32 | 2.50 |
| | | | | | | | | H2 | 12-16 | SIC | 7.8 | 50.2 | 42.0 | .32 | .32 | 0.75 |
| | | | | | | | | H3 | 16-60 | UWB | -- | -- | -- | -- | -- | 0.00 |
| 499F | | | | | | | | | | | | | | | | |
| Nordness | 95 | 7s | 22.0 | 200 | b | 1 | 48 | H1 | 0-12 | L | 41.6 | 37.4 | 21.0 | .32 | .32 | 2.50 |
| | | | | | | | | H2 | 12-16 | SIC | 7.8 | 50.2 | 42.0 | .32 | .32 | 0.75 |
| | | | | | | | | H3 | 16-60 | UWB | -- | -- | -- | -- | -- | 0.00 |
| 585 | | | | | | | | | | | | | | | | |
| Spillville | 50 | 2w | 1.0 | 200 | b | 5 | 48 | H1 | 0-40 | L | 41.1 | 36.9 | 22.0 | .24 | .24 | 5.00 |
| | | | | | | | | H2 | 40-60 | SL | 66.0 | 15.0 | 19.0 | .28 | .28 | 2.50 |
| Coland | 40 | 2w | 1.0 | 200 | b/d | 5 | 48 | H1 | 0-10 | CL | 35.4 | 33.6 | 31.0 | .24 | .24 | 6.00 |
| | | | | | | | | H2 | 10-48 | CL | 35.4 | 33.6 | 31.0 | .24 | .24 | 4.00 |
| | | | | | | | | H3 | 48-60 | CL | 34.4 | 37.6 | 28.0 | .28 | .28 | 1.00 |

| Mapunit | Comp % | Cap Cl | Slope RV% | Slope length (ft) | Hyd Grp | T | WEI | Horz Desig | Depth (in) | Texture RV | Total Sand RV | Total Silt RV | Total Clay RV | Kf | Kw | OM RV % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 663B | | | | | | | | | | | | | | | | |
| Seaton | 100 | 2e | 4.0 | 200 | b | 5 | 56 | H1 | 0-6 | SIL | 13.9 | 70.1 | 16.0 | .37 | .37 | 2.50 |
| | | | | | | | | H2 | 6-60 | SIL | 9.5 | 68.0 | 22.5 | .37 | .37 | 0.75 |
| 663C2 | | | | | | | | | | | | | | | | |
| Seaton | 100 | 3e | 10.0 | 200 | b | 5 | 56 | H1 | 0-6 | SIL | 11.7 | 69.8 | 18.5 | .37 | .37 | 2.00 |
| | | | | | | | | H2 | 6-60 | SIL | 9.5 | 68.0 | 22.5 | .37 | .37 | 0.75 |
| 663F | | | | | | | | | | | | | | | | |
| Seaton | 95 | 6e | 22.0 | 200 | b | 5 | 56 | H1 | 0-6 | SIL | 13.9 | 70.1 | 16.0 | .37 | .37 | 2.50 |
| | | | | | | | | H2 | 6-60 | SIL | 9.5 | 68.0 | 22.5 | .37 | .37 | 0.75 |
| 725 | | | | | | | | | | | | | | | | |
| Hayfield | 95 | 2s | 1.0 | 200 | b | 4 | 48 | H1 | 0-12 | L | 39.8 | 37.7 | 22.5 | .32 | .32 | 3.50 |
| | | | | | | | | H2 | 12-25 | L | 39.1 | 36.9 | 24.0 | .32 | .32 | 0.75 |
| | | | | | | | | H3 | 25-60 | S | 96.0 | 1.5 | 2.5 | .15 | .15 | 0.25 |
| 761 | | | | | | | | | | | | | | | | |
| Franklin | 95 | 1 | 2.0 | 200 | b | 5 | 48 | H1 | 0-14 | SIL | 11.2 | 67.3 | 21.5 | .28 | .28 | 3.50 |
| | | | | | | | | H2 | 14-19 | SICL | 6.7 | 61.3 | 32.0 | .43 | .43 | 1.50 |
| | | | | | | | | H3 | 19-47 | L | 32.6 | 43.4 | 24.0 | .37 | .37 | 0.25 |
| | | | | | | | | H4 | 47-60 | L | 32.6 | 43.4 | 24.0 | .37 | .37 | 0.25 |
| 776 | | | | | | | | | | | | | | | | |
| Lilah | 100 | 4s | 1.0 | 200 | a | 3 | 86 | H1 | 0-13 | SL | 68.3 | 19.7 | 12.0 | .24 | .20 | 1.50 |
| | | | | | | | | H2 | 13-21 | SL | 67.9 | 19.6 | 12.5 | .32 | .20 | 0.25 |
| | | | | | | | | H3 | 21-28 | LS | 84.9 | 9.1 | 6.0 | .17 | .10 | 0.25 |
| | | | | | | | | H4 | 28-60 | S | 94.6 | 1.4 | 4.0 | .17 | .10 | 0.25 |
| 776C | | | | | | | | | | | | | | | | |
| Lilah | 100 | 4s | 6.0 | 200 | a | 3 | 86 | H1 | 0-13 | SL | 68.3 | 19.7 | 12.0 | .24 | .20 | 1.50 |
| | | | | | | | | H2 | 13-21 | SL | 67.9 | 19.6 | 12.5 | .32 | .20 | 0.25 |
| | | | | | | | | H3 | 21-28 | LS | 84.9 | 9.1 | 6.0 | .17 | .10 | 0.25 |
| | | | | | | | | H4 | 28-60 | S | 94.6 | 1.4 | 4.0 | .17 | .10 | 0.25 |
| 777 | | | | | | | | | | | | | | | | |
| Wapsie | 95 | 2s | 1.0 | 200 | b | 4 | 56 | H1 | 0-10 | L | 44.3 | 40.7 | 15.0 | .24 | .24 | 3.50 |
| | | | | | | | | H2 | 10-27 | L | 44.3 | 40.7 | 15.0 | .28 | .28 | 0.50 |
| | | | | | | | | H3 | 27-60 | GR-COS | 90.2 | 3.8 | 6.0 | .17 | .10 | 0.25 |
| 782B | | | | | | | | | | | | | | | | |
| Donnan | 95 | 2e | 4.0 | 200 | c | 4 | 48 | H1 | 0-14 | L | 39.5 | 37.5 | 23.0 | .28 | .28 | 3.00 |
| | | | | | | | | H2 | 14-21 | L | 38.5 | 36.5 | 25.0 | .28 | .28 | 0.50 |
| | | | | | | | | H3 | 21-39 | C | 22.9 | 28.6 | 48.5 | .28 | .28 | 0.25 |
| | | | | | | | | H4 | 39-60 | CL | 34.4 | 37.6 | 28.0 | .28 | .28 | 0.25 |

Buchanan County, Iowa

| Mapunit | Comp % | Cap Cl | Slope RV% | Slope length (ft) | Hyd Grp | T | WEI | Horz Desig | Depth (in) | Texture RV | Total Sand RV | Total Silt RV | Total Clay RV | Kf | Kw | OM RV % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 798B | | | | | | | | | | | | | | | | |
| Protivin | 95 | 2e | 3.0 | 200 | c | 5 | 48 | H1 | 0-14 | L | 39.2 | 37.3 | 23.5 | .28 | .28 | 6.00 |
| | | | | | | | | H2 | 14-28 | L | 38.5 | 36.5 | 25.0 | .37 | .37 | 3.00 |
| | | | | | | | | H3 | 28-60 | CL | 35.3 | 33.2 | 31.5 | .37 | .37 | 0.50 |
| 807B | | | | | | | | | | | | | | | | |
| Schley Variant | 95 | 2w | 3.0 | 200 | b | 4 | 86 | H1 | 0-8 | SL | 65.1 | 18.9 | 16.0 | .20 | .20 | 1.50 |
| | | | | | | | | H2 | 8-37 | SL | 66.6 | 23.4 | 10.0 | .24 | .24 | 0.75 |
| | | | | | | | | H3 | 37-50 | FS | 94.4 | 0.6 | 5.0 | .17 | .17 | 0.25 |
| | | | | | | | | H4 | 50-60 | L | 41.6 | 37.4 | 21.0 | .37 | .37 | 0.25 |
| 809B | | | | | | | | | | | | | | | | |
| Bertram | 100 | 4s | 4.0 | 200 | b | 3 | 86 | H1 | 0-18 | FSL | 62.5 | 26.0 | 11.5 | .20 | .20 | 2.00 |
| | | | | | | | | H2 | 18-36 | SL | 65.9 | 19.1 | 15.0 | .20 | .20 | 0.75 |
| | | | | | | | | H3 | 36-39 | SCL | 56.3 | 17.7 | 26.0 | .32 | .32 | 0.25 |
| | | | | | | | | H4 | 39-43 | UWB | -- | -- | -- | -- | -- | --- |
| 813 | | | | | | | | | | | | | | | | |
| Atkinson | 95 | 1 | 1.0 | 200 | b | 3 | 48 | H1 | 0-20 | L | 41.6 | 37.4 | 21.0 | .24 | .24 | 4.00 |
| | | | | | | | | H2 | 20-43 | L | 38.0 | 36.0 | 26.0 | .32 | .32 | 1.50 |
| | | | | | | | | H3 | 43-60 | UWB | -- | -- | -- | -- | -- | --- |
| 883B | | | | | | | | | | | | | | | | |
| Cresco | 95 | 2e | 4.0 | 200 | c | 5 | 48 | H1 | 0-6 | L | 38.8 | 36.7 | 24.5 | .28 | .28 | 3.50 |
| | | | | | | | | H2 | 6-16 | L | 39.1 | 36.9 | 24.0 | .32 | .32 | 1.50 |
| | | | | | | | | H3 | 16-57 | CL | 34.7 | 32.8 | 32.5 | .37 | .37 | 0.50 |
| | | | | | | | | H4 | 57-60 | CL | 35.3 | 33.2 | 31.5 | .37 | .37 | 0.25 |
| 1585 | | | | | | | | | | | | | | | | |
| Spillville | 40 | 5w | 1.0 | 200 | b | 5 | 48 | H1 | 0-40 | L | 41.1 | 36.9 | 22.0 | .24 | .24 | 5.00 |
| | | | | | | | | H2 | 40-60 | SL | 66.0 | 15.0 | 19.0 | .28 | .28 | 2.50 |
| Coland | 30 | 5w | 1.0 | 200 | b/d | 5 | 48 | H1 | 0-21 | CL | 35.4 | 33.6 | 31.0 | .24 | .24 | 6.00 |
| | | | | | | | | H2 | 21-48 | CL | 35.4 | 33.6 | 31.0 | .24 | .24 | 4.00 |
| | | | | | | | | H3 | 48-60 | CL | 34.4 | 37.6 | 28.0 | .28 | .28 | 1.00 |