(Absence of an entry indicates that the data were not estimated.)

Harrison County, Iowa

| Map symbol and component name | Component percent | Depth | USDA texture | Classification | | Fragments | | Percentage passing sieve number-- | | | | Liquid limit | Plas-ticity index |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Unified | AASHTO | >10 inches | 3-10 inches | 4 | 10 | 40 | 200 | | |
| | | In | | | | Pct | Pct | | | | | Pct | |
| 1C: | | | | | | | | | | | | | |
| Ida---------- | 90 | 0-7 | Silt loam | CL, ML | A-6, A-4 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 30-40 | 5-15 |
| | | 7-60 | Silt loam | CL, ML | A-6, A-4 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 30-40 | 5-15 |
| 1C3: | | | | | | | | | | | | | |
| Ida---------- | 90 | 0-6 | Silt loam | CL, ML | A-4, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 30-40 | 5-15 |
| | | 6-60 | Silt loam | CL, ML | A-4, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 30-40 | 5-15 |
| 1D: | | | | | | | | | | | | | |
| Ida---------- | 90 | 0-7 | Silt loam | CL, ML | A-6, A-4 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 30-40 | 5-15 |
| | | 7-60 | Silt loam | CL, ML | A-6, A-4 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 30-40 | 5-15 |
| 1D3: | | | | | | | | | | | | | |
| Ida---------- | 90 | 0-6 | Silt loam | ML, CL | A-4, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 30-40 | 5-15 |
| | | 6-60 | Silt loam | ML, CL | A-4, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 30-40 | 5-15 |
| 1E: | | | | | | | | | | | | | |
| Ida---------- | 90 | 0-7 | Silt loam | ML, CL | A-6, A-4 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 30-40 | 5-15 |
| | | 7-60 | Silt loam | CL, ML | A-6, A-4 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 30-40 | 5-15 |
| 1E3: | | | | | | | | | | | | | |
| Ida---------- | 90 | 0-6 | Silt loam | CL, ML | A-4, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 30-40 | 5-15 |
| | | 6-60 | Silt loam | CL, ML | A-4, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 30-40 | 5-15 |
| 1F: | | | | | | | | | | | | | |
| Ida---------- | 90 | 0-7 | Silt loam | CL, ML | A-6, A-4 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 30-40 | 5-15 |
| | | 7-60 | Silt loam | CL, ML | A-6, A-4 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 30-40 | 5-15 |
| 1F3: | | | | | | | | | | | | | |
| Ida---------- | 90 | 0-6 | Silt loam | CL, ML | A-4, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 30-40 | 5-15 |
| | | 6-60 | Silt loam | CL, ML | A-4, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 30-40 | 5-15 |
| 1G: | | | | | | | | | | | | | |
| Ida---------- | 90 | 0-7 | Silt loam | CL, ML | A-6, A-4 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 30-40 | 5-15 |
| | | 7-60 | Silt loam | CL, ML | A-6, A-4 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 30-40 | 5-15 |

(Absence of an entry indicates that the data were not estimated.)

Harrison County, Iowa

| Map symbol and component name | Component percent | Depth | USDA texture | Classification: Unified | Classification: AASHTO | Fragments: >10 inches | Fragments: 3-10 inches | Percentage passing sieve number--: 4 | 10 | 40 | 200 | Liquid limit | Plasticity index |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In | | | | Pct | Pct | | | | | Pct | |
| 2G: | | | | | | | | | | | | | |
| Hamburg--------- | 95 | 0-4 | Silt loam | CL-ML, ML | A-4 | 0 | 0 | 100 | 100 | 100 | 95-100 | 15-25 | NP-5 |
| | | 4-60 | Silt loam, very fine sandy loam, silt | ML, CL-ML | A-4 | 0 | 0 | 100 | 100 | 100 | 95-100 | 15-25 | NP-5 |
| 3D: | | | | | | | | | | | | | |
| Castana--------- | 90 | 0-17 | Silt loam | CL | A-4, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 25-40 | 8-20 |
| | | 17-60 | Silt loam | CL | A-4, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 25-40 | 8-20 |
| 3E: | | | | | | | | | | | | | |
| Castana--------- | 90 | 0-17 | Silt loam | CL | A-4, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 25-40 | 8-20 |
| | | 17-60 | Silt loam | CL | A-4, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 25-40 | 8-20 |
| 10: | | | | | | | | | | | | | |
| Monona---------- | 85 | 0-15 | Silt loam | CL, ML | A-6, A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 35-50 | 10-25 |
| | | 15-30 | Silt loam, silty clay loam | CL, ML | A-6, A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 35-50 | 10-25 |
| | | 30-60 | Silt loam | CL | A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 30-40 | 10-20 |
| 10B: | | | | | | | | | | | | | |
| Monona---------- | 85 | 0-15 | Silt loam | CL, ML | A-7, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 35-50 | 10-25 |
| | | 15-30 | Silt loam, silty clay loam | ML, CL | A-7, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 35-50 | 10-25 |
| | | 30-60 | Silt loam | CL | A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 30-40 | 10-20 |
| 10C: | | | | | | | | | | | | | |
| Monona---------- | 85 | 0-15 | Silt loam | ML, CL | A-6, A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 35-50 | 10-25 |
| | | 15-30 | Silt loam, silty clay loam | CL, ML | A-6, A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 35-50 | 10-25 |
| | | 30-60 | Silt loam | CL | A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 30-40 | 10-20 |

(Absence of an entry indicates that the data were not estimated.)

Harrison County, Iowa

| Map symbol and component name | Component percent | Depth | USDA texture | Classification: Unified | Classification: AASHTO | Fragments: >10 inches | Fragments: 3-10 inches | Percentage passing sieve number--: 4 | 10 | 40 | 200 | Liquid limit | Plasticity index |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In | | | | Pct | Pct | | | | | Pct | |
| 10C2: | | | | | | | | | | | | | |
| Monona---------- | 85 | 0-15 | Silt loam | CL, ML | A-7, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 35-50 | 10-25 |
| | | 15-30 | Silt loam, silty clay loam | CL, ML | A-7, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 35-50 | 10-25 |
| | | 30-60 | Silt loam | CL | A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 30-40 | 10-20 |
| 10D: | | | | | | | | | | | | | |
| Monona---------- | 85 | 0-15 | Silt loam | CL, ML | A-6, A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 35-50 | 10-25 |
| | | 15-30 | Silt loam, silty clay loam | ML, CL | A-6, A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 35-50 | 10-25 |
| | | 30-60 | Silt loam | CL | A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 30-40 | 10-20 |
| 10D2: | | | | | | | | | | | | | |
| Monona---------- | 85 | 0-15 | Silt loam | CL, ML | A-7, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 35-50 | 10-25 |
| | | 15-30 | Silt loam, silty clay loam | CL, ML | A-7, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 35-50 | 10-25 |
| | | 30-60 | Silt loam | CL | A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 30-40 | 10-20 |
| 10D3: | | | | | | | | | | | | | |
| Monona---------- | 85 | 0-6 | Silt loam | ML, CL | A-6, A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 35-50 | 10-25 |
| | | 6-30 | Silt loam, silty clay loam | CL, ML | A-6, A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 35-50 | 10-25 |
| | | 30-60 | Silt loam | CL | A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 30-40 | 10-20 |
| 10E: | | | | | | | | | | | | | |
| Monona---------- | 85 | 0-15 | Silt loam | CL, ML | A-7, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 35-50 | 10-25 |
| | | 15-30 | Silt loam, silty clay loam | CL, ML | A-7, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 35-50 | 10-25 |
| | | 30-60 | Silt loam | CL | A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 30-40 | 10-20 |

(Absence of an entry indicates that the data were not estimated.)

Harrison County, Iowa

| Map symbol and component name | Component percent | Depth | USDA texture | Classification: Unified | Classification: AASHTO | Fragments: >10 inches | Fragments: 3-10 inches | Percentage passing sieve number--: 4 | 10 | 40 | 200 | Liquid limit | Plasticity index |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In | | | | Pct | Pct | | | | | Pct | |
| 10E2: | | | | | | | | | | | | | |
| Monona---------- | 85 | 0-15 | Silt loam | CL, ML | A-6, A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 35-50 | 10-25 |
| | | 15-30 | Silt loam, silty clay loam | CL, ML | A-6, A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 35-50 | 10-25 |
| | | 30-60 | Silt loam | CL | A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 30-40 | 10-20 |
| 10E3: | | | | | | | | | | | | | |
| Monona---------- | 85 | 0-6 | Silt loam | CL, ML | A-7, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 35-50 | 10-25 |
| | | 6-30 | Silt loam, silty clay loam | ML, CL | A-7, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 35-50 | 10-25 |
| | | 30-60 | Silt loam | CL | A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 30-40 | 10-20 |
| 10F: | | | | | | | | | | | | | |
| Monona---------- | 85 | 0-15 | Silt loam | CL, ML | A-6, A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 35-50 | 10-25 |
| | | 15-30 | Silt loam, silty clay loam | CL, ML | A-6, A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 35-50 | 10-25 |
| | | 30-60 | Silt loam | CL | A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 30-40 | 10-20 |
| 10F2: | | | | | | | | | | | | | |
| Monona---------- | 85 | 0-15 | Silt loam | CL, ML | A-7, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 35-50 | 10-25 |
| | | 15-30 | Silt loam, silty clay loam | CL, ML | A-7, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 35-50 | 10-25 |
| | | 30-60 | Silt loam | CL | A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 30-40 | 10-20 |
| 10G: | | | | | | | | | | | | | |
| Monona---------- | 85 | 0-15 | Silt loam | CL, ML | A-6, A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 35-50 | 10-25 |
| | | 15-30 | Silt loam, silty clay loam | ML, CL | A-6, A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 35-50 | 10-25 |
| | | 30-60 | Silt loam | CL | A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 30-40 | 10-20 |
| 12B: | | | | | | | | | | | | | |
| Napier---------- | 90 | 0-30 | Silt loam | CL | A-6, A-4 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 25-40 | 8-20 |
| | | 30-60 | Silt loam | CL | A-6, A-4 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 25-40 | 8-20 |

(Absence of an entry indicates that the data were not estimated.)

Harrison County, Iowa

| Map symbol and component name | Component percent | Depth | USDA texture | Classification: Unified | Classification: AASHTO | Fragments: >10 inches | Fragments: 3-10 inches | Percentage passing sieve number--: 4 | 10 | 40 | 200 | Liquid limit | Plasticity index |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In | | | | Pct | Pct | | | | | Pct | |
| 12B+: | | | | | | | | | | | | | |
| Napier---------- | 90 | 0-15 | Silt loam | CL | A-4, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 25-40 | 8-20 |
| | | 15-60 | Silt loam | CL | A-4, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 25-40 | 8-20 |
| 12C: | | | | | | | | | | | | | |
| Napier---------- | 95 | 0-30 | Silt loam | CL | A-4, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 25-40 | 8-20 |
| | | 30-60 | Silt loam | CL | A-4, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 25-40 | 8-20 |
| 12D: | | | | | | | | | | | | | |
| Napier---------- | 90 | 0-30 | Silt loam | CL | A-4, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 25-40 | 8-20 |
| | | 30-60 | Silt loam | CL | A-4, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 25-40 | 8-20 |
| 17B: | | | | | | | | | | | | | |
| Napier---------- | 50 | 0-30 | Silt loam | CL | A-6, A-4 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 25-40 | 8-20 |
| | | 30-60 | Silt loam | CL | A-6, A-4 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 25-40 | 8-20 |
| Nodaway--------- | 30 | 0-6 | Silt loam | CL-ML, CL | A-6, A-4 | 0 | 0 | 100 | 95-100 | 95-100 | 90-100 | 25-35 | 5-15 |
| | | 6-60 | Silt loam, silty clay loam | CL, CL-ML | A-6, A-4 | 0 | 0 | 100 | 95-100 | 95-100 | 90-100 | 25-40 | 5-15 |
| Colo---------- | 20 | 0-26 | Silty clay loam | CH, CL | A-7 | 0 | 0 | 100 | 100 | 90-100 | 90-100 | 40-60 | 15-30 |
| | | 26-35 | Silty clay loam | CL, CH | A-7 | 0 | 0 | 100 | 100 | 90-100 | 90-100 | 40-55 | 20-30 |
| | | 35-60 | Silty clay loam, clay loam, silt loam | CH, CL | A-7 | 0 | 0 | 100 | 100 | 95-100 | 80-100 | 40-55 | 15-30 |
| 22D3: | | | | | | | | | | | | | |
| Dow---------- | 60 | 0-4 | Silt loam | CL, CL-ML | A-4, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 25-40 | 5-15 |
| | | 4-60 | Silt loam | CL-ML, CL | A-4, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 25-40 | 5-15 |
| Monona---------- | 30 | 0-6 | Silt loam | CL, ML | A-6, A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 35-50 | 10-25 |
| | | 6-30 | Silt loam, silty clay loam | CL, ML | A-6, A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 35-50 | 10-25 |
| | | 30-60 | Silt loam | CL | A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 30-40 | 10-20 |

(Absence of an entry indicates that the data were not estimated.)

Harrison County, Iowa

| Map symbol and component name | Component percent | Depth | USDA texture | Classification: Unified | Classification: AASHTO | Fragments: >10 inches | Fragments: 3-10 inches | Percentage passing sieve number--: 4 | 10 | 40 | 200 | Liquid limit | Plasticity index |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In | | | | Pct | Pct | | | | | Pct | |
| 22E3: | | | | | | | | | | | | | |
| Dow---------- | 60 | 0-4 | Silt loam | CL-ML, CL | A-6, A-4 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 25-40 | 5-15 |
| | | 4-60 | Silt loam | CL, CL-ML | A-6, A-4 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 25-40 | 5-15 |
| Monona---------- | 30 | 0-6 | Silt loam | CL, ML | A-7, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 35-50 | 10-25 |
| | | 6-30 | Silt loam, silty clay loam | CL, ML | A-7, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 35-50 | 10-25 |
| | | 30-60 | Silt loam | CL | A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 30-40 | 10-20 |
| 33D2: | | | | | | | | | | | | | |
| Steinauer------- | 100 | 0-6 | Clay loam | CL | A-6, A-7 | 0 | 0-5 | 95-100 | 95-100 | 85-100 | 55-90 | 30-50 | 15-25 |
| | | 6-18 | Clay loam | CL, CH | A-6, A-7 | 0 | 0-5 | 95-100 | 95-100 | 90-100 | 70-90 | 30-55 | 12-30 |
| | | 18-60 | Loam, clay loam | CH, CL | A-7, A-6 | 0 | 0-5 | 95-100 | 95-100 | 90-100 | 60-75 | 25-55 | 10-30 |
| 33E3: | | | | | | | | | | | | | |
| Steinauer------- | 100 | 0-4 | Clay loam | CL | A-6, A-7 | 0 | 0-5 | 95-100 | 95-100 | 85-100 | 55-90 | 30-50 | 15-25 |
| | | 4-18 | Clay loam | CH, CL | A-6, A-7 | 0 | 0-5 | 95-100 | 95-100 | 90-100 | 70-90 | 30-55 | 12-30 |
| | | 18-60 | Loam, clay loam | CH, CL | A-6, A-7 | 0 | 0-5 | 95-100 | 95-100 | 90-100 | 60-75 | 25-55 | 10-30 |
| 36: | | | | | | | | | | | | | |
| Salix---------- | 85 | 0-17 | Silty clay loam | CL, CH | A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 40-60 | 20-35 |
| | | 17-30 | Silty clay loam | CL | A-7, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 35-50 | 20-30 |
| | | 30-60 | Silt loam, loam, very fine sandy loam | CL, ML | A-6, A-4 | 0 | 0 | 100 | 100 | 95-100 | 90-100 | 30-40 | 5-15 |
| 38: | | | | | | | | | | | | | |
| Blake---------- | 40 | 0-7 | Silty clay loam | CL | A-7, A-6 | 0 | 0 | 100 | 100 | 90-100 | 85-95 | 35-50 | 15-30 |
| | | 7-24 | Silty clay loam, silt loam | CL | A-7, A-6 | 0 | 0 | 100 | 100 | 90-100 | 85-95 | 30-50 | 10-30 |
| | | 24-60 | Silt loam, loam, very fine sandy loam | ML, CL | A-6, A-4 | 0 | 0 | 100 | 100 | 80-90 | 75-90 | 30-40 | 5-15 |

(Absence of an entry indicates that the data were not estimated.)

Harrison County, Iowa

| Map symbol and component name | Component percent | Depth | USDA texture | Classification: Unified | Classification: AASHTO | Fragments: >10 inches | Fragments: 3-10 inches | Percentage passing sieve number--: 4 | 10 | 40 | 200 | Liquid limit | Plasticity index |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In | | | | Pct | Pct | | | | | Pct | |
| Haynie---------- | 40 | 0-6 | Silt loam | CL, CL-ML | A-6, A-4 | 0 | 0 | 100 | 100 | 85-100 | 70-100 | 25-40 | 5-15 |
| | | 6-60 | Silt loam, very fine sandy loam | CL-ML, CL | A-6, A-4 | 0 | 0 | 100 | 100 | 85-100 | 85-100 | 25-35 | 5-15 |
| 44: | | | | | | | | | | | | | |
| Blencoe--------- | 85 | 0-16 | Silty clay | CH | A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 60-85 | 30-50 |
| | | 16-30 | Silty clay loam, silty clay | CL, CH | A-7 | 0 | 0 | 100 | 100 | 95-100 | 90-100 | 41-60 | 20-30 |
| | | 30-60 | Silt loam | CL, ML | A-4, A-6 | 0 | 0 | 100 | 100 | 95-100 | 85-100 | 30-40 | 5-15 |
| 46: | | | | | | | | | | | | | |
| Keg---------- | 80 | 0-18 | Silt loam | CL, CL-ML | A-6, A-4 | 0 | 0 | 100 | 100 | 95-100 | 90-100 | 25-35 | 5-15 |
| | | 18-30 | Silt loam, very fine sandy loam | CL-ML, CL | A-6, A-4 | 0 | 0 | 100 | 100 | 90-100 | 80-100 | 25-35 | 5-15 |
| 53: | | | | | | | | | | | | | |
| Riverwash------- | 95 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 66: | | | | | | | | | | | | | |
| Luton---------- | 100 | 0-26 | Silty clay | CH | A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 60-85 | 35-60 |
| | | 26-42 | Silty clay, clay | CH | A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 60-85 | 35-60 |
| | | 42-60 | Silty clay, clay | CH | A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 60-85 | 35-60 |
| 66+: | | | | | | | | | | | | | |
| Luton---------- | 100 | 0-15 | Silt loam | CL, CL-ML | A-4, A-6 | 0 | 0 | 100 | 100 | 95-100 | 90-100 | 25-40 | 5-15 |
| | | 15-41 | Silty clay, clay | CH | A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 60-85 | 35-60 |
| | | 41-60 | Silty clay, clay | CH | A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 60-85 | 35-60 |

(Absence of an entry indicates that the data were not estimated.)

Harrison County, Iowa

| Map symbol and component name | Component percent | Depth | USDA texture | Classification: Unified | Classification: AASHTO | Fragments: >10 inches | Fragments: 3-10 inches | Percentage passing sieve number--: 4 | 10 | 40 | 200 | Liquid limit | Plasticity index |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In | | | | Pct | Pct | | | | | Pct | |
| 67: | | | | | | | | | | | | | |
| Woodbury-------- | 90 | 0-19 | Silty clay | CH | A-7 | 0 | 0 | 100 | 100 | 100 | 95-100 | 60-85 | 35-60 |
| | | 19-35 | Silty clay, clay | CH | A-7 | 0 | 0 | 100 | 100 | 95-100 | 90-100 | 60-85 | 35-60 |
| | | 35-41 | Silty clay, silty clay loam | CH, CL | A-7 | 0 | 0 | 100 | 100 | 90-100 | 80-100 | 40-60 | 20-35 |
| | | 41-60 | Silty clay loam | CL, ML | A-6, A-4 | 0 | 0 | 100 | 100 | 90-100 | 80-95 | 30-40 | 5-15 |
| 70: | | | | | | | | | | | | | |
| Mcpaul---------- | 95 | 0-60 | Silt loam | CL, CL-ML | A-4, A-6 | 0 | 0 | 100 | 100 | 95-100 | 90-100 | 25-40 | 5-15 |
| 133: | | | | | | | | | | | | | |
| Colo---------- | 100 | 0-26 | Silty clay loam | CL, CH | A-7 | 0 | 0 | 100 | 100 | 90-100 | 90-100 | 40-60 | 15-30 |
| | | 26-35 | Silty clay loam | CH, CL | A-7 | 0 | 0 | 100 | 100 | 90-100 | 90-100 | 40-55 | 20-30 |
| | | 35-60 | Silty clay loam, clay loam, silt loam | CH, CL | A-7 | 0 | 0 | 100 | 100 | 95-100 | 80-100 | 40-55 | 15-30 |
| 133+: | | | | | | | | | | | | | |
| Colo---------- | 100 | 0-15 | Silt loam | CL, CL-ML | A-6, A-4 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 25-40 | 5-15 |
| | | 15-41 | Silty clay loam | CH, CL | A-7 | 0 | 0 | 100 | 100 | 90-100 | 90-100 | 40-55 | 20-30 |
| | | 41-60 | Silty clay loam, clay loam, silt loam | CL, CH | A-7 | 0 | 0 | 100 | 100 | 95-100 | 80-100 | 40-55 | 15-30 |
| 137: | | | | | | | | | | | | | |
| Haynie---------- | 75 | 0-6 | Silt loam | CL, CL-ML | A-6, A-4 | 0 | 0 | 100 | 100 | 85-100 | 70-100 | 25-40 | 5-15 |
| | | 6-60 | Silt loam, very fine sandy loam | CL, CL-ML | A-6, A-4 | 0 | 0 | 100 | 100 | 85-100 | 85-100 | 25-35 | 5-15 |

(Absence of an entry indicates that the data were not estimated.)

Harrison County, Iowa

| Map symbol and component name | Component percent | Depth | USDA texture | Classification: Unified | Classification: AASHTO | Fragments: >10 inches | Fragments: 3-10 inches | Percentage passing sieve number--: 4 | 10 | 40 | 200 | Liquid limit | Plasticity index |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In | | | | Pct | Pct | | | | | Pct | |
| 144: | | | | | | | | | | | | | |
| Blake---------- | 80 | 0-7 | Silty clay loam | CL | A-6, A-7 | 0 | 0 | 100 | 100 | 90-100 | 85-95 | 35-50 | 15-30 |
| | | 7-24 | Silty clay loam, silt loam | CL | A-6, A-7 | 0 | 0 | 100 | 100 | 90-100 | 85-95 | 30-50 | 10-30 |
| | | 24-60 | Silt loam, loam, very fine sandy loam | CL, ML | A-4, A-6 | 0 | 0 | 100 | 100 | 80-90 | 75-90 | 30-40 | 5-15 |
| 145: | | | | | | | | | | | | | |
| Onawa---------- | 85 | 0-6 | Silty clay, silt loam | CL-ML, CL | A-4, A-6 | 0 | 0 | 100 | 100 | 95-100 | 80-100 | 25-40 | 5-20 |
| | | 6-26 | Silty clay, clay | CH | A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 60-85 | 40-60 |
| | | 26-60 | Silt loam, very fine sandy loam, loam | CL, CL-ML | A-6, A-4 | 0 | 0 | 100 | 100 | 95-100 | 85-100 | 25-40 | 5-20 |
| 146: | | | | | | | | | | | | | |
| Onawa---------- | 85 | 0-6 | Silty clay | CH | A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 60-85 | 40-60 |
| | | 6-26 | Silty clay, clay | CH | A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 60-85 | 40-60 |
| | | 26-60 | Silt loam, very fine sandy loam, loam | CL, CL-ML | A-4, A-6 | 0 | 0 | 100 | 100 | 95-100 | 85-100 | 25-40 | 5-20 |
| 149: | | | | | | | | | | | | | |
| Modale---------- | 95 | 0-22 | Silt loam | CL-ML, CL | A-6, A-4 | 0 | 0 | 100 | 100 | 95-100 | 80-90 | 25-40 | 5-15 |
| | | 22-60 | Silty clay, clay | CH | A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 65-85 | 40-60 |
| 156: | | | | | | | | | | | | | |
| Albaton--------- | 90 | 0-8 | Silty clay | CH | A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 60-85 | 40-60 |
| | | 8-60 | Silty clay, clay | CH | A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 60-85 | 40-60 |

(Absence of an entry indicates that the data were not estimated.)

Harrison County, Iowa

| Map symbol and component name | Component percent | Depth | USDA texture | Classification: Unified | Classification: AASHTO | Fragments: >10 inches | Fragments: 3-10 inches | Percentage passing sieve number--: 4 | 10 | 40 | 200 | Liquid limit | Plasticity index |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In | | | | Pct | Pct | | | | | Pct | |
| 157: | | | | | | | | | | | | | |
| Albaton--------- | 85 | 0-8 | Silty clay, silt loam | CL-ML, CL | A-4, A-6 | 0 | 0 | 100 | 100 | 95-100 | 90-100 | 25-40 | 5-15 |
| | | 8-60 | Silty clay, clay | CH | A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 60-85 | 40-60 |
| 212: | | | | | | | | | | | | | |
| Kennebec-------- | 90 | 0-42 | Silt loam | CL | A-6, A-7 | 0 | 0 | 100 | 100 | 95-100 | 90-100 | 25-45 | 10-20 |
| | | 42-60 | Silt loam, silty clay loam | CL, CL-ML | A-4, A-6 | 0 | 0 | 100 | 100 | 95-100 | 90-100 | 25-40 | 5-15 |
| 212+: | | | | | | | | | | | | | |
| Kennebec-------- | 90 | 0-15 | Silt loam | CL | A-7, A-6 | 0 | 0 | 100 | 100 | 95-100 | 90-100 | 25-45 | 10-20 |
| | | 15-60 | Silt loam, silty clay loam | CL, CL-ML | A-6, A-4 | 0 | 0 | 100 | 100 | 95-100 | 90-100 | 25-40 | 5-15 |
| 220: | | | | | | | | | | | | | |
| Nodaway--------- | 85 | 0-15 | Silt loam | CL, CL-ML | A-6, A-4 | 0 | 0 | 100 | 95-100 | 95-100 | 90-100 | 25-35 | 5-15 |
| | | 15-60 | Silt loam, silty clay loam | CL-ML, CL | A-6, A-4 | 0 | 0 | 100 | 95-100 | 95-100 | 90-100 | 25-40 | 5-15 |
| 237: | | | | | | | | | | | | | |
| Sarpy---------- | 90 | 0-3 | Fine sand | SM, SP, SP-SM | A-3, A-2-4 | 0 | 0 | 100 | 100 | 60-80 | 2-15 | --- | NP |
| | | 3-60 | Stratified fine sand, loamy fine sand, sand | SM, SP, SP-SM | A-2, A-3 | 0 | 0 | 100 | 100 | 60-80 | 2-35 | --- | NP |
| 237B: | | | | | | | | | | | | | |
| Sarpy---------- | 90 | 0-3 | Fine sand | SP, SM, SP-SM | A-2-4, A-3 | 0 | 0 | 100 | 100 | 60-80 | 2-15 | --- | NP |
| | | 3-60 | Stratified fine sand, loamy fine sand, sand | SM, SP, SP-SM | A-2, A-3 | 0 | 0 | 100 | 100 | 60-80 | 2-35 | --- | NP |

(Absence of an entry indicates that the data were not estimated.)

Harrison County, Iowa

| Map symbol and component name | Component percent | Depth | USDA texture | Classification: Unified | Classification: AASHTO | Fragments: >10 inches | Fragments: 3-10 inches | Percentage passing sieve number--: 4 | 10 | 40 | 200 | Liquid limit | Plasticity index |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In | | | | Pct | Pct | | | | | Pct | |
| 238: | | | | | | | | | | | | | |
| Sarpy---------- | 90 | 0-3 | Fine sand, fine sandy loam | SC, SC-SM | A-4 | 0 | 0 | 100 | 100 | 70-85 | 40-50 | 15-25 | NP-5 |
| | | 3-60 | Stratified fine sand, loamy fine sand, sand | SP, SM, SP-SM | A-3, A-2 | 0 | 0 | 100 | 100 | 60-80 | 2-35 | --- | NP |
| 244: | | | | | | | | | | | | | |
| Blend---------- | 85 | 0-14 | Silty clay | CH | A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 60-85 | 30-50 |
| | | 14-32 | Silty clay loam | CL | A-7 | 0 | 0 | 100 | 100 | 95-100 | 85-100 | 40-50 | 15-25 |
| | | 32-60 | Silty clay, clay | CH | A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 60-85 | 30-55 |
| 255: | | | | | | | | | | | | | |
| Cooper---------- | 95 | 0-14 | Silty clay loam | CL | A-7 | 0 | 0 | 100 | 100 | 95-100 | 85-100 | 40-50 | 20-30 |
| | | 14-26 | Silty clay loam | CL | A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 40-50 | 20-30 |
| | | 26-60 | Silty clay, clay | CH | A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 60-85 | 35-50 |
| 275: | | | | | | | | | | | | | |
| Moville--------- | 90 | 0-27 | Silt loam | CL | A-4, A-6 | 0 | 0 | 100 | 100 | 95-100 | 90-100 | 30-40 | 8-18 |
| | | 27-60 | Silty clay, clay | CH | A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 65-85 | 40-60 |
| 315: | | | | | | | | | | | | | |
| Albaton--------- | 50 | 0-8 | Silty clay | CH | A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 60-85 | 40-60 |
| | | 8-60 | Silty clay, clay | CH | A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 60-85 | 40-60 |
| Sarpy---------- | 45 | 0-3 | Fine sand | SP, SP-SC, SM | A-3, A-2-4 | 0 | 0 | 100 | 100 | 60-80 | 2-15 | 0-14 | NP |
| | | 3-60 | Stratified fine sand, loamy fine sand, sand | SP, SC, SP-SM | A-3, A-2 | 0 | 0 | 100 | 100 | 60-80 | 2-35 | 0-14 | NP |

(Absence of an entry indicates that the data were not estimated.)

Harrison County, Iowa

| Map symbol and component name | Component percent | Depth | USDA texture | Classification: Unified | Classification: AASHTO | Fragments: >10 inches | Fragments: 3-10 inches | Percentage passing sieve number--: 4 | 10 | 40 | 200 | Liquid limit | Plasticity index |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In | | | | Pct | Pct | | | | | Pct | |
| 436: | | | | | | | | | | | | | |
| Lakeport-------- | 85 | 0-10 | Silty clay loam | CH, CL | A-7 | 0 | 0 | 100 | 100 | 95-100 | 90-100 | 40-60 | 20-35 |
| | | 10-21 | Silty clay loam | CH, CL | A-7 | 0 | 0 | 100 | 100 | 95-100 | 90-100 | 40-60 | 20-35 |
| | | 21-42 | Silty clay, silty clay loam | CH, CL | A-7 | 0 | 0 | 100 | 100 | 95-100 | 90-100 | 40-60 | 20-35 |
| | | 42-60 | Silt loam, loam, clay loam | CL | A-6 | 0 | 0 | 100 | 100 | 90-100 | 85-95 | 25-40 | 10-20 |
| 446: | | | | | | | | | | | | | |
| Burcham--------- | 80 | 0-26 | Silt loam | CL, CL-ML | A-4, A-6 | 0 | 0 | 100 | 100 | 95-100 | 90-100 | 25-35 | 5-15 |
| | | 26-60 | Silty clay, clay | CH | A-7 | 0 | 0 | 100 | 100 | 100 | 95-100 | 60-80 | 45-60 |
| 466: | | | | | | | | | | | | | |
| Solomon--------- | 90 | 0-17 | Silty clay | CH | A-7 | 0 | 0 | 100 | 100 | 90-100 | 75-95 | 55-70 | 35-45 |
| | | 17-60 | Silty clay, clay | CH | A-7 | 0 | 0 | 100 | 100 | 90-100 | 75-95 | 55-70 | 35-45 |
| 514: | | | | | | | | | | | | | |
| Grable---------- | 85 | 0-6 | Silt loam | CL-ML, CL | A-4, A-6 | 0 | 0 | 100 | 100 | 80-95 | 80-95 | 25-40 | 5-20 |
| | | 6-23 | Stratified silt loam, very fine sandy loam | CL, CL-ML | A-4, A-6 | 0 | 0 | 100 | 100 | 80-95 | 80-95 | 15-25 | 5-15 |
| | | 23-60 | Stratified fine sand, loamy sand, sand | SC, SC-SM | A-2, A-3 | 0 | 0 | 100 | 100 | 65-80 | 5-35 | 15-20 | NP-5 |
| 515: | | | | | | | | | | | | | |
| Percival-------- | 95 | 0-8 | Silty clay | CH | A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 60-85 | 35-60 |
| | | 8-24 | Silty clay, clay | CH | A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 60-85 | 35-60 |
| | | 24-60 | Stratified fine sand to loamy fine sand | SC, SC-SM, SP-SM | A-2 | 0 | 0 | 100 | 100 | 80-95 | 12-30 | 15-20 | NP-5 |

(Absence of an entry indicates that the data were not estimated.)

Harrison County, Iowa

| Map symbol and component name | Component percent | Depth | USDA texture | Classification: Unified | Classification: AASHTO | Fragments: >10 inches | Fragments: 3-10 inches | Percentage passing sieve number--: 4 | 10 | 40 | 200 | Liquid limit | Plasticity index |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In | | | | Pct | Pct | | | | | Pct | |
| 516: | | | | | | | | | | | | | |
| Vore---------- | 95 | 0-24 | Silty clay loam | CL | A-7, A-6 | 0 | 0 | 100 | 100 | 95-100 | 90-100 | 35-50 | 15-25 |
| | | 24-60 | Stratified fine sand, loamy fine sand | SW-SM, SC, SC-SM | A-3, A-2 | 0 | 0 | 100 | 100 | 80-90 | 5-20 | 15-20 | NP-5 |
| 538: | | | | | | | | | | | | | |
| Carr---------- | 85 | 0-8 | Fine sandy loam | SM, CL, ML, SC | A-4, A-2 | 0 | 0 | 100 | 95-100 | 70-100 | 25-75 | 10-25 | 2-10 |
| | | 8-29 | Stratified fine sandy loam | SM, SC, CL, ML | A-4 | 0 | 0 | 100 | 95-100 | 70-100 | 35-65 | 10-25 | 2-10 |
| | | 29-60 | Loamy sand, stratified loamy fine sand, stratified fine sand | SP-SM, SM | A-2-4, A-3 | 0 | 0 | 98-100 | 85-100 | 65-95 | 5-30 | --- | NP |
| 549: | | | | | | | | | | | | | |
| Modale---------- | 95 | 0-22 | Silt loam | CL-ML, CL | A-6, A-4 | 0 | 0 | 100 | 100 | 95-100 | 80-90 | 25-40 | 5-15 |
| | | 22-60 | Silty clay, clay | CH | A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 65-85 | 40-60 |
| 550: | | | | | | | | | | | | | |
| Borrow Pits----- | 100 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 553: | | | | | | | | | | | | | |
| Forney---------- | 100 | 0-19 | Silty clay | CH | A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 60-85 | 35-55 |
| | | 19-60 | Silty clay, clay | CH | A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 60-85 | 35-55 |
| 717C: | | | | | | | | | | | | | |
| Napier---------- | 50 | 0-30 | Silt loam | CL | A-4, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 25-40 | 8-20 |
| | | 30-60 | Silt loam | CL | A-4, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 25-40 | 8-20 |
| Gullied Land---- | 40 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

(Absence of an entry indicates that the data were not estimated.)

Harrison County, Iowa

| Map symbol and component name | Component percent | Depth | USDA texture | Classification: Unified | Classification: AASHTO | Fragments: >10 inches | Fragments: 3-10 inches | Percentage passing sieve number--: 4 | 10 | 40 | 200 | Liquid limit | Plas-ticity index |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | In | | | | Pct | Pct | | | | | Pct | |
| 844: | | | | | | | | | | | | | |
| Blake---------- | 80 | 0-7 | Silt loam, silty clay loam | CL | A-6 | 0 | 0 | 100 | 100 | 90-100 | 85-95 | 30-40 | 10-20 |
| | | 7-24 | Silty clay loam, silt loam | CL | A-7, A-6 | 0 | 0 | 100 | 100 | 90-100 | 85-95 | 30-50 | 10-30 |
| | | 24-60 | Silt loam, loam, very fine sandy loam | CL, ML | A-6, A-4 | 0 | 0 | 100 | 100 | 80-90 | 75-90 | 30-40 | 5-15 |
| 849: | | | | | | | | | | | | | |
| Kenmoor--------- | 85 | 0-6 | Fine sand | SC | A-2, A-4 | 0 | 0 | 100 | 100 | 75-95 | 15-45 | 0-14 | NP |
| | | 6-25 | Sand, loamy fine sand, fine sand | SC | A-2, A-4 | 0 | 0 | 100 | 100 | 65-80 | 15-40 | 0-14 | NP |
| | | 25-60 | Silty clay loam, silty clay, clay | CH, CL | A-7 | 0 | 0 | 100 | 100 | 95-100 | 75-95 | 40-70 | 25-45 |
| 866: | | | | | | | | | | | | | |
| Luton---------- | 100 | 0-20 | Silty clay | CH | A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 60-85 | 35-60 |
| | | 20-40 | Silty clay, clay | CH | A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 60-85 | 35-60 |
| | | 40-60 | Clay, silty clay | CH | A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 60-85 | 35-60 |
| T10: | | | | | | | | | | | | | |
| Monona---------- | 100 | 0-15 | Silt loam | CL, ML | A-7, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 35-50 | 10-25 |
| | | 15-30 | Silt loam, silty clay loam | CL, ML | A-7, A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 35-50 | 10-25 |
| | | 30-60 | Silt loam | CL | A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 30-40 | 10-20 |

(Absence of an entry indicates that the data were not estimated.)

Harrison County, Iowa

| Map symbol and component name | Component percent | Depth | USDA texture | Classification | | Fragments | | Percentage passing sieve number-- | | | | Liquid limit | Plas-ticity index |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Unified | AASHTO | >10 inches | 3-10 inches | 4 | 10 | 40 | 200 | | |
| | | In | | | | Pct | Pct | | | | | Pct | |
| T10B: | | | | | | | | | | | | | |
| Monona---------- | 100 | 0-15 | Silt loam | CL, ML | A-6, A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 35-50 | 10-25 |
| | | 15-30 | Silt loam, silty clay loam | ML, CL | A-6, A-7 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 35-50 | 10-25 |
| | | 30-60 | Silt loam | CL | A-6 | 0 | 0 | 100 | 100 | 95-100 | 95-100 | 30-40 | 10-20 |