HIGHLY ERODIBLE LANDS REPORT

Survey Area- BROWN COUNTY, KANSAS

| Map Symbol | Soil Mapunit Name | HEL Classifications C=8 R=200 wnd | wat | mu |
|---|---|---|---|---|
| AC | AKSARBEN SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES | 3 | 3 | 3 |
| AD | AKSARBEN SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES | 3 | 3 | 3 |
| AE | AKSARBEN SILTY CLAY LOAM, 5 TO 11 PERCENT SLOPES | 3 | 1 | 1 |
| BS | BURCHARD CLAY LOAM, 6 TO 12 PERCENT SLOPES | 3 | 1 | 1 |
| BX | BURCHARD-STEINAUER CLAY LOAMS, 12 TO 18 PERCENT SLOPES | 3 | 1 | 1 |
| CH | CHASE SILTY CLAY LOAM, OCCASIONALLY FLOODED | 3 | 3 | 3 |
| CO | CONTRARY SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, ERODED | 3 | 1 | 1 |
| GA | GRUNDY SILT LOAM, 0 TO 2 PERCENT SLOPES | 3 | 3 | 3 |
| JU | JUDSON SILT LOAM, 2 TO 5 PERCENT SLOPES | 3 | 3 | 3 |
| KD | KENNEBEC SILT LOAM, CHANNELED | 3 | 3 | 3 |
| KE | KENNEBEC SILT LOAM, OCCASIONALLY FLOODED | 3 | 3 | 3 |
| KP | KIPSON-SOGN SILTY CLAY LOAMS, 5 TO 30 PERCENT SLOPES | 3 | 1 | 1 |
| M-W | MISCELLANEOUS WATER | | | |
| MA | MARSHALL SILT LOAM, 2 TO 5 PERCENT SLOPES | 3 | 3 | 3 |
| MB | MARSHALL SILTY CLAY LOAM, 5 TO 11 PERCENT SLOPES | 3 | 3 | 3 |
| MD | MARTIN SILTY CLAY LOAM, 1 TO 4 PERCENT SLOPES | 3 | 3 | 3 |
| MF | MARTIN SILTY CLAY LOAM, 4 TO 12 PERCENT SLOPES | 3 | 1 | 1 |
| MH | MAYBERRY CLAY LOAM, 2 TO 6 PERCENT SLOPES | 3 | 2 | 2 |
| MK | MONONA SILT LOAM, 2 TO 5 PERCENT SLOPES | 3 | 3 | 3 |
| MN | MONONA SILT LOAM, 5 TO 11 PERCENT SLOPES, MODERATELY ERODED | 3 | 1 | 1 |
| MT | MORRILL LOAM, 6 TO 12 PERCENT SLOPES | 3 | 1 | 1 |
| MW | MUSCOTAH SILT LOAM, OCCASIONALLY FLOODED, OVERWASH | 3 | 3 | 3 |
| MY | MUSCOTAH SILTY CLAY LOAM, OCCASIONALLY FLOODED | 3 | 3 | 3 |
| NO | NODAWAY SILT LOAM, OCCASIONALLY FLOODED | 3 | 3 | 3 |
| OM | OLMITZ LOAM, 2 TO 5 PERCENT SLOPES | 3 | 3 | 3 |
| OR | ORTHENTS, EARTHEN DAM | | | |
| PD | PADONIA-MARTIN SILTY CLAY LOAMS, 5 TO 9 PERCENT SLOPES | 3 | 1 | 1 |
| PE | PADONIA-MARTIN SILTY CLAY LOAMS, 9 TO 25 PERCENT SLOPES | 3 | 1 | 1 |
| PF | PADONIA-OSKA SILTY CLAY LOAMS, 5 TO 9 PERCENT SLOPES | 3 | 1 | 1 |
| PM | PAWNEE CLAY LOAM, 2 TO 6 PERCENT SLOPES | 3 | 2 | 2 |
| PN | PAWNEE CLAY LOAM, 6 TO 12 PERCENT SLOPES | 3 | 1 | 1 |
| PO | PAWNEE CLAY, 6 TO 12 PERCENT SLOPES, MODERATELY ERODED | 3 | 1 | 1 |
| PT | PITS, QUARRIES | | | |
| PW | POHOCCO-NETAWAKA SILT LOAMS, 11 TO 17 PERCENT SLOPES, ERODED | 3 | 1 | 1 |
| PX | POHOCCO-NETAWAKA SILT LOAMS, 17 TO 30 PERCENT | 3 | 1 | 1 |

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|---|---|---|---|---|
| | SLOPES, ERODED | | | |
| RE | READING SILT LOAM, MODERATELY WET, RARELY FLOODED | 3 | 3 | 1 |
| SG | SHELBY CLAY LOAM, 6 TO 12 PERCENT SLOPES | 3 | 1 | 1 |
| SM | SHELBY CLAY LOAM, 12 TO 18 PERCENT SLOPES, MODERATELY ERODED | 3 | 1 | 1 |
| WA | WABASH SILTY CLAY, OCCASIONALLY FLOODED | 3 | 1 | 1 |
| WE | WAMEGO SILTY CLAY LOAM, 3 TO 7 PERCENT SLOPES | 3 | 1 | 1 |
| WG | WAMEGO-VINLAND SILTY CLAY LOAMS, 3 TO 15 PERCENT SLOPES | 3 | 1 | 1 |
| WM | WYMORE SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES | 3 | 1 | 1 |
| WN | WYMORE SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES | 3 | 3 | 3 |

| HIGHLY ERODIBLE CODES | | DESCRIPTION |
|---|---|---|
| 1 | Highly Erodible Land | Soil meets the requirements for Highly Erodible Lands. |
| 2 | Potentially Highly Erodible | Range of soil characteristics for the soil as mapped fall are within and outside of the requirements for Highly Eroodible Land. |
| | Not Highly Erodible | Soil does not meet the requirements for Highly Erodible Lands. |