

SOIL LEGEND

Soil names followed by the superscript 1/ are broadly defined units. These units will be footnoted in the legend of the published soil survey as follows:

| SYMBOL | NAME | SYMBOL | NAME |
|--------|---|--------|--|
| 1 | Aledo gravelly clay loam, 3 to 8 percent slopes | 46 | Lewisville silty clay, 1 to 3 percent slopes |
| 2 | Aledo soils, hilly 1/ | 47 | Lewisville silty clay, 3 to 5 percent slopes |
| 3 | Altoga clay loam, 5 to 8 percent slopes | 48 | Lindy loam, 1 to 3 percent slopes |
| 4 | Aubrey fine sandy loam, 5 to 8 percent slopes | 49 | Lindy-Urban land complex, 1 to 3 percent slopes |
| 5 | Aubrey-Birome complex, 3 to 12 percent slopes | | |
| 6 | Aubrey-Birome-Urban land complex, 3 to 12 percent slopes | 50 | Mabank loam, 0 to 1 percent slopes |
| 7 | Aubrey soils, 3 to 8 percent slopes, severely eroded 1/ | 51 | Mabank loam, 1 to 3 percent slopes |
| 8 | Austin silty clay, 1 to 3 percent slopes | | |
| 9 | Austin silty clay, 3 to 5 percent slopes | 52 | Normangee clay loam, 1 to 4 percent slopes |
| 10 | Austin-Urban land complex, 1 to 5 percent slopes | 53 | Normangee clay loam, 4 to 8 percent slopes |
| | | 54 | Normangee-Urban land complex, 1 to 4 percent slopes |
| 11 | Bastrop loam, 0 to 1 percent slopes | 55 | Normangee soils, 3 to 8 percent slopes, severely eroded 1/ |
| 12 | Bastrop loam, 1 to 3 percent slopes | | |
| 13 | Bolar clay loam, 1 to 5 percent slopes | 56 | Okay fine sandy loam, 0 to 1 percent slopes |
| 14 | Bolar clay loam, 5 to 8 percent slopes | 57 | Oklared very fine sandy loam |
| 15 | Bolar-Aledo complex, 3 to 12 percent slopes | 58 | Oklared-Kiomatia complex, occasionally flooded |
| 16 | Bunyan and Whitesboro soils, frequently flooded 1/ | | |
| | | 59 | Pits |
| 17 | Callisburg fine sandy loam, 1 to 3 percent slopes | 60 | Purves clay loam, 1 to 5 percent slopes |
| 18 | Callisburg fine sandy loam, 2 to 5 percent slopes, eroded | | |
| 19 | Callisburg fine sandy loam, 5 to 8 percent slopes | 61 | Redlake clay, occasionally flooded |
| 20 | Callisburg soils, 3 to 8 percent slopes, severely eroded 1/ | | |
| 21 | Crockett loam, 0 to 1 percent slopes | 62 | Sanger clay, 1 to 3 percent slopes |
| 22 | Crockett loam, 1 to 3 percent slopes | 63 | Sanger clay, 3 to 5 percent slopes |
| 23 | Crockett loam, 2 to 5 percent slopes, eroded | 64 | Sanger stony clay, 3 to 8 percent slopes |
| 24 | Crockett-Urban land complex, 0 to 3 percent slopes | 65 | Speck Variant loam, 1 to 3 percent slopes |
| 25 | Crosstell fine sandy loam, 1 to 3 percent slopes | 66 | Stephen silty clay, 1 to 3 percent slopes |
| 26 | Crosstell fine sandy loam, 2 to 5 percent slopes, eroded | 67 | Stephen silty clay, 3 to 5 percent slopes |
| 27 | Crosstell-Urban land complex, 1 to 5 percent slopes | | |
| | | 68 | Trinity clay, occasionally flooded |
| 28 | Eddy gravelly clay loam, 5 to 12 percent slopes | | |
| 29 | Elbon clay, occasionally flooded | 69 | Urban land |
| 30 | Elbon soils, frequently flooded 1/ | | |
| | | 70 | Vertel clay, 1 to 3 percent slopes |
| 31 | Fairlie-Urban land complex, 1 to 5 percent slopes | 71 | Vertel clay, 3 to 5 percent slopes |
| 32 | Fairlie and Houston Black clays, 0 to 1 percent slopes 1/ | 72 | Vertel clay, 5 to 12 percent slopes |
| 33 | Fairlie and Houston Black clays, 1 to 3 percent slopes 1/ | 73 | Vertel clay, 5 to 8 percent slopes, severely eroded |
| | | 74 | Vertel-Urban land complex, 8 to 12 percent slopes |
| 34 | Gasil loamy fine sand, 1 to 5 percent slopes | | |
| 35 | Gasil loamy fine sand, 5 to 8 percent slopes | 75 | Whitesboro loam, occasionally flooded |
| 36 | Gasil-Urban land complex, 1 to 8 percent slopes | 76 | Whitewright-Eddy-Howe complex, 1 to 5 percent slopes |
| 37 | Gasil soils, 2 to 5 percent slopes, eroded 1/ | 77 | Whitewright-Eddy-Howe complex, 5 to 12 percent slopes |
| | | 78 | Whitewright-Gullied land complex 1/ |
| 38 | Heaton loamy fine sand, 1 to 5 percent slopes | 79 | Wilson silty clay loam, 0 to 1 percent slopes |
| 39 | Heiden clay, 1 to 3 percent slopes | 80 | Wilson silty clay loam, 1 to 3 percent slopes |
| 40 | Heiden clay, 3 to 5 percent slopes | | |
| 41 | Howe silty clay loam, 5 to 8 percent slopes | 81 | Zilaboy soils, frequently flooded 1/ |
| 42 | Konsil loamy fine sand, 1 to 5 percent slopes | | |
| 43 | Konsil fine sandy loam, 2 to 5 percent slopes | | |
| 44 | Konsil fine sandy loam, 5 to 8 percent slopes | | |
| 45 | Konsil fine sandy loam, 5 to 8 percent slopes, eroded | | |

1/ The composition of these units is more variable than that of the others in the survey area but has been controlled well enough to be interpreted for the expected use of the soils.

CONVENTIONAL AND SPECIAL SYMBOLS LEGEND

CULTURAL FEATURES

BOUNDARIES

| | |
|--|--|
| National, state or province | |
| County or parish | |
| Minor civil division | |
| Reservation (national forest or park, state forest or park, and large airport) | |
| Land grant | |
| Limit of soil survey (label) | |
| Field sheet matchline & neatline | |

AD HOC BOUNDARY (label)

| | |
|--|--|
| Small airport, airfield, park, oilfield, cemetery, or flood pool | |
|--|--|

STATE COORDINATE TICK

| |
|--|
| |
|--|

ROADS

| | |
|---|--|
| Divided (median shown if scale permits) | |
| Other roads | |
| Trail | |

ROAD EMBLEMS & DESIGNATIONS

| | |
|-----------------------|--|
| Interstate | |
| Federal | |
| State | |
| County, farm or ranch | |

RAILROAD

| |
|--|
| |
|--|

POWER TRANSMISSION LINE (normally not shown)

| |
|--|
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LEVEES

| | |
|---------------|--|
| Without road | |
| With road | |
| With railroad | |

DAMS

| | |
|------------------|--|
| Large (to scale) | |
| Medium or small | |

PITS

| | |
|----------------|--|
| Gravel pit | |
| Mine or quarry | |

MISCELLANEOUS CULTURAL FEATURES

| | |
|--|--|
| Farmstead, house (omit in urban areas) | |
| Church | |
| School | |
| Indian mound (label) | |
| Located object (label) | |
| Tank (label) | |
| Wells, oil or gas | |
| Windmill | |
| Kitchen midden | |

WATER FEATURES

DRAINAGE

| | |
|----------------------------|--|
| Perennial, double line | |
| Perennial, single line | |
| Intermittent | |
| Drainage end | |
| Canals or ditches | |
| Double-line (label) | |
| Drainage and/or irrigation | |

LAKES, PONDS AND RESERVOIRS

| | |
|--------------|--|
| Perennial | |
| Intermittent | |

MISCELLANEOUS WATER FEATURES

| | |
|-------------------|--|
| Marsh or swamp | |
| Spring | |
| Well, artesian | |
| Well, irrigation | |
| Wet spot | |
| Sanitary Landfill | |
| Oil Wasteland | |

SPECIAL SYMBOLS FOR SOIL SURVEY

SOIL DELINEATIONS AND SYMBOLS

ESCARPMENTS

| | |
|--|--|
| Bedrock (points down slope) | |
| Other than bedrock (points down slope) | |

SHORT STEEP SLOPE

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| |
|--|

GULLY

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DEPRESSION OR SINK

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|--|

SOIL SAMPLE SITE (normally not shown)

| |
|--|
| |
|--|

MISCELLANEOUS

| | |
|---|--|
| Blowout | |
| Clay spot | |
| Gravelly spot | |
| Gumbo, slick or scabby spot (sodic) | |
| Dumps and other similar non soil areas | |
| Prominent hill or peak | |
| Rock outcrop (includes sandstone and shale) | |
| Saline spot | |
| Sandy spot | |
| Severely eroded spot | |
| Slide or slip (tips point upslope) | |
| Stony spot, very stony spot | |

This Soil Survey includes areas of Bryan County, Oklahoma south of the Red River. Areas of Grayson County, Texas north of the Red River are included with the Bryan County, Oklahoma Soil Survey.