

Kansas Geological Abbreviations for Classification of Ledges and Sources for Samples

| Kansas Geologic Member Name | KDOT Geologic Identifier | Description/Rock Type | Notes/Comments/Remarks | Key to Rock Type |
|-----------------------------|--------------------------|-----------------------|----------------------------------------------------|---------------------------------|
| Aarde Sh. Mbr. | ARDE | SH | | LS = Limestone |
| Altamont Ls. Mbr. | ALMN | LS | | DO = Dolomite |
| Amazonia Ls. Mbr. | AMZN | LS | | GR = Granite |
| Americus Ls. Mbr. | AMRC | LS | | BA = Basalt |
| Amoret Ls. Mbr. | AMRT | LS | | RY = Rholite |
| Anna Sh. Mbr. | ANNA | SH | | SG = Sand and Gravel |
| Argentine Ls. Mbr. | ARGN | LS | | MISC = miscellaneous |
| Ash Hallow Mbr. | ASHL | MORTAR BED | <i>Member- cemeneted gravel, sand silt</i> | SQ = Sioux Quartzite |
| Aspinwall Ls. Mbr. | ASPL | LS | | NS = Nephelene Syenite |
| Auburn Sh. Fm. | ABRN | SH/LS/SS | | LW = Lightweight Aggregate |
| Avoca Ls. Mbr. | AVOC | LS | | Sh = Shale |
| Bachelor Creek Ls. Mbr. | BCKK | LS | | Conc = Concrete Pavement |
| Bader Ls. Fm. | BDER | LS | | CC = Calcite Cemented Aggregate |
| Bandera Quarry SS. Mbr. | BDRQ | SS | | CHALK=Chalk |
| Bandera Sh. Mbr. | BDRA | SH | | GYPSUM=Gypsum |
| Beattie Ls. Fm. | BTTI | LS | | COAL=Coal |
| Beil Ls. Fm. | BELL | LS | | SALT=Salt |
| Bennett Sh. Mbr. | BNNT | S | | |
| Bern Ls. Fm. | BERN | LS | | |
| Bethany Falls Ls. Mbr. | BFLS | LS | | |
| Bevier Coal Bed | BVIR | COAL | | |
| Big Basin Fm. | BGBS | SH/SS/Siltstone | <i>Formation-siltstones,shales, and sandstones</i> | |
| Big Springs Ls. Mbr. | BGSP | LS | | |
| Blackjack Creek Ls. Mbr. | BJCK | LS | | |
| Blaine Fm. | BLIN | GYPSUM/SH | <i>Formation-gypsum and shale</i> | |
| Block Ls. Mbr. | BLCK | LS | | |
| Blue Jacket Ss. Mbr. | BJKT | SS | | |
| Blue Hill Sh. Mbr. | BLHL | SH | | |
| Blue Rapids Sh. Fm. | BRPD | SH | | |
| Blue Springs Sh. Mbr. | BSPG | SH | | |
| Bonner Springs Sh. Mbr. | BNSG | SH | | |
| Breezy Hill Ls. Mbr. | BZHL | LS | | |
| Brownville Ls. Mbr. | BRVL | LS | | |
| Burlingame Ls. Mbr. | BLGM | LS | | |
| Burr Ls. Mbr. | BURR | LS | | |
| Cabaniss Fm. | CBNS | SH/SS | <i>Formation-shales,and sandstones</i> | |
| Calhoun Sh. Fm. | CLHN | SH | | |
| Captain Creek Ls. Mbr. | CPCK | LS | | |
| Canville Ls. Mbr. | CNVL | LS | | |
| Carlton Ls. Mbr. | CRLN | LS | | |
| Cedar Hills Ss. Fm. | CDHL | SS | | |
| Cedarvale Sh. Mbr. | CDVL | SH | | |
| Cedar Bluff Coal Bed | CBCB | COAL | | |
| Cement City Ls. Mbr. | CMCT | LS | | |
| Chanute Sh. Fm. | CHNT | SH | | |
| Checkerboard Fm. | CCKB | LS | <i>Formation-Limestone</i> | |
| Chelsea Ss. Mbr. | CHLS | SS | | |
| Cherryvale Sh. Fm. | CRVL | SH | | |

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| Cheyenne Ss. Fm. | <i>CYNN</i> | SS | | LS = Limestone |
| Chikaskia Ss. Mbr. | <i>CKSK</i> | SS | | DO = Dolomite |
| Church Ls. Mbr. | <i>CHRC</i> | LS | | GR = Granite |
| Clay Creek Ls. Mbr. | <i>CLCK</i> | LS | | BA = Basalt |
| Coal Creek Ls. Mbr. | <i>COCK</i> | LS | | RY = Rholite |
| Codell Sandstone Mbr. | <i>CDLL</i> | SS | | SG = Sand and Gravel |
| Corbin City Ls. Mbr. | <i>CRBC</i> | LS | | MISC = miscellaneous |
| Cottage Grove Sandstone | <i>CGGV</i> | SS | | SQ = Sioux Quartzite |
| Cottonwood Ls. Mbr. | <i>CTTN</i> | LS | | NS = Nephelene Syenite |
| Cresswell Ls. Mbr. | <i>CRSL</i> | LS | | LW = Lightweight Aggregate |
| Critzler Ls. Mbr | <i>CRZR</i> | LS | | Sh = Shale |
| Croweburg Coal Bed | <i>CRBG</i> | COAL | | Conc = Concrete Pavement |
| Crouse Ls. Fm. | <i>CRUS</i> | LS | | CC = Calcite Cemented Aggregate |
| Curson Ls. Mbr | <i>CRZN</i> | LS | | CHALK=Chalk |
| Dakota Fm. | <i>DKOT</i> | SH/SS/Siltstone | <i>Formation-shale,siltstone, sandstone</i> | GYPSUM=Gypsum |
| Day Creek Dolomite Fm. | <i>DCRK</i> | DO | | COAL=Coal |
| Deer Creek Ls. Fm. | <i>DRCK</i> | LS | | SALT=Salt |
| Dennis Ls. Fm. | <i>DNNS</i> | LS | | |
| Dewey Ls. Fm. | <i>DEWY</i> | LS | | |
| Dodds Creek Sandstone Mbr. | <i>DOCK</i> | SS | | |
| Dog Creek Fm. | <i>DGCK</i> | SH/SS/Siltstone | <i>Formation-shale,siltstone, sandstone</i> | |
| Doniphan Sh. Mbr. | <i>DNPN</i> | SH | | |
| Dover Ls. Mbr. | <i>DOVR</i> | LS | | |
| Doyle Sh. Fm. | <i>DOYL</i> | SH | | |
| Drum Ls. Mbr. | <i>DRUM</i> | LS | | |
| Dry Sh. Mbr. | <i>DRYZ</i> | SH | | |
| Dry Wood Sh. Mbr. | <i>DRYD</i> | SH | | |
| DuBois Ls. Mbr. | <i>DUBS</i> | LS | | |
| Easley Creek Sh. Fm. | <i>ELKC</i> | SH | | |
| Eiss Ls. Mbr. | <i>EISS</i> | LS | | |
| Elm Branch Sh. Fm. | <i>ELMB</i> | SH | | |
| Elmont Ls. Mbr. | <i>ELMM</i> | LS | | |
| Emporia Ls. Fm. | <i>EMPR</i> | LS | | |
| Englevale Ss. Mbr. | <i>EGLV</i> | SS | | |
| Ervine Creek Ls. Fm. | <i>EVCK</i> | LS | | |
| Eskridge Sh. Fm. | <i>EKDG</i> | SH | | |
| Eudora Sh. Mbr. | <i>EUDR</i> | SH | | |
| Exline Ls. Mbr. | <i>EXLN</i> | LS | | |
| Fairport Chalk Mbr. | <i>FRPR</i> | CHALK | | |
| Fall City Ls. Fm. | <i>FLSC</i> | LS | | |
| Farley Ls. Mbr. | <i>FRLY</i> | LS | | |
| Five Point Ls. Mbr. | <i>FVPN</i> | LS | | |
| Fleming Coal Bed | <i>FLMG</i> | COAL | | |
| Florena Sh. Mbr. | <i>FLRN</i> | SH | | |
| Florence Ls. Mbr. | <i>FLRC</i> | LS | | |
| Flower Pot Sh. Fm. | <i>FLRP</i> | SH | | |
| Fontana Sh. Mbr. | <i>FNTN</i> | SH | | |
| Foraker Ls. Fm. | <i>FRCK</i> | LS | | |

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| Fort Riley Ls. Mbr. | <i>FRRL</i> | LS | | |
| Fort Scott Ls. Fm. | <i>FRSC</i> | LS | | LS = Limestone |
| French Creek Ls. Mbr. | <i>FCKK</i> | LS | | DO = Dolomite |
| Friedrich Sh. Mbr. | <i>FDRC</i> | SH | | GR = Granite |
| Frisbie Ls. Mbr. | <i>FRSB</i> | LS | | BA = Basalt |
| Funston Ls. Fm. | <i>FNSN</i> | LS | | RY = Rholite |
| Gage Sh. Mbr. | <i>GAGE</i> | SH | | SG = Sand and Gravel |
| Galesburg Sh. Fm. | <i>GLBG</i> | SH | | MISC = miscellaneous |
| Glenrock Ls. Mbr. | <i>GLCK</i> | LS | | SQ = Sioux Quartzite |
| Graneros Sh. Fm. | <i>GRRS</i> | SH | | NS = Nepheline Syenite |
| Grandhaven Ls. Mbr. | <i>GRDV</i> | LS | | LW = Lightweight Aggregate |
| Grant Sh. Mbr. | <i>GRNT</i> | SH | | Sh = Shale |
| Grayhorse Ls. Mbr. | <i>GRHS</i> | LS | | Conc = Concrete Pavement |
| Greenhorn Ls. Fm. | <i>GRNR</i> | LS | | CC = Calcite Cemented Aggregate |
| Grenola Ls. Fm. | <i>GRNL</i> | LS | | CHALK=Chalk |
| Gretna Sh. Mbr. | <i>GRNA</i> | SH | | GYPSUM=Gypsum |
| Guthrie Mountain Sh. Mbr. | <i>GTMT</i> | SH | | COAL=Coal |
| Hamlin Sh. Mbr. | <i>HLMN</i> | SH | | SALT=Salt |
| Happy Hollow Ls. Mbr. | <i>HPHL</i> | LS | | |
| Harper Sandstone Fm. | <i>HRPR</i> | SS | | |
| Harveyville Sh. Mbr. | <i>HVVL</i> | SH | | |
| Hartford Ls. Mbr. | <i>HRFD</i> | LS | | |
| Hartland Sh. Mbr. | <i>HRLD</i> | SH | | |
| Haskell Ls. Mbr. | <i>HSKL</i> | LS | | |
| Haskew Gypsum Mbr. | <i>HSKW</i> | GYPSUM | | |
| Havensville Sh. Mbr. | <i>HAVL</i> | SH | | |
| Hawxby Sh. Mbr. | <i>HXBY</i> | SH | | |
| Hepler Fm. | <i>HLPR</i> | SS | | |
| Heebner Sh. Mbr. | <i>HBNR</i> | SH | | |
| Hertha Ls. Fm. | <i>HRTH</i> | LS | | |
| Herington Ls. Mbr. | <i>HRNG</i> | LS | | |
| Heumader Sh. Mbr. | <i>HMDR</i> | SH | | |
| Hickory Creek Sh. Mbr. | <i>HKCK</i> | SH | | |
| Higginsville Ls. Mbr. | <i>HGVL</i> | LS | | |
| Holdenville Fm. | <i>HLVD</i> | SH | | |
| Hollenberg Ls. Mbr. | <i>HLBG</i> | LS | | |
| Holmesville Sh. Mbr. | <i>HLMV</i> | SH | | |
| Hooser Sh. Mbr. | <i>HOSR</i> | SH | | |
| Holt Sh. Mbr. | <i>HOLT</i> | SH | | |
| Howe Ls. Mbr. | <i>HOWE</i> | LS | | |
| Howard Ls. Fm. | <i>HWRD</i> | LS | | |
| Hughes Creek Sh. Mbr. | <i>HGCK</i> | SH | | |
| Hushpuckney Sh. Mbr. | <i>HPCK</i> | SH | | |
| Hutchison Salt Mbr. | <i>HCNS</i> | SALT | | |
| Iatan Ls. Mbr. | <i>IATN</i> | LS | | |
| Idenbro Ls. Mbr. | <i>IDBR</i> | LS | | |
| Iola Ls. Fm. | <i>IOLA</i> | LS | | |
| Iowa Point Sh. Mbr. | <i>IPNT</i> | SH | | |

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| Ireland Sandstone Mbr. | <i>IRLD</i> | SS | | |
| Island Creek Sh. Mbr. | <i>IDCK</i> | SH | | |
| Jackson Park Sh. Mbr. | <i>JKPK</i> | SH | | LS = Limestone |
| Janesville Sh. Mbr. | <i>JSVL</i> | SH | | DO = Dolomite |
| Janssen Clay Mbr. | <i>JASN</i> | SH/SS/Siltstone | <i>Member-shale, mudstone, sandstone, lignite</i> | GR = Granite |
| Jetmore Chalk Mbr. | <i>JTMR</i> | CHALK | | BA = Basalt |
| Jim Creek Ls. Mbr. | <i>JMCK</i> | LS | | RY = Rholite |
| Johnson Sh. Fm. | <i>JNSN</i> | SH | | SG = Sand and Gravel |
| Jones Point Sh. Mbr. | <i>JNSP</i> | SH | | MISC = miscellaneous |
| Kanawaka Sh. Fm. | <i>KNWK</i> | SH | | SQ = Sioux Quartzite |
| Kereford Ls. Mbr. | <i>KRFD</i> | LS | | NS = Nepheline Syenite |
| Keokuk Ls Fm. | <i>KKUK</i> | LS | | LW = Lightweight Aggregate |
| Kiowa Fm. | <i>KIOW</i> | SH | <i>Formation-shale, minor limestone, sandstone</i> | Sh = Shale |
| Kimball Mbr. | <i>KMBL</i> | MISC | <i>Formation-sand, gravel, chert, caliche, minor LS</i> | Conc = Concrete Pavement |
| Kiger Sh. Mbr. | <i>KIGR</i> | SH | | CC = Calcite Cemented Aggregate |
| Kingman Sandstone Mbr. | <i>KNGM</i> | SS | | CHALK-Chalk |
| King Hill Sh. Mbr. | <i>KGHL</i> | SH | | GYPSUM=Gypsum |
| Kinney Ls. Mbr. | <i>KNNY</i> | LS | | COAL=Coal |
| Kitaki Ls. Mbr. | <i>KTKI</i> | LS | | SALT=Salt |
| Krider Ls. Mbr. | <i>KRDR</i> | LS | | |
| Krebs Subgroup | <i>KRBS</i> | SH | <i>Formation-shale, sandstone, limestone, coal</i> | |
| Laberdie Ls. Mbr. | <i>LBRD</i> | LS | | |
| Laberdie-Myrick Sta. | <i>LAMY</i> | LS | | |
| Labette Sh Fm. | <i>LBTT</i> | SH/SS/LS | <i>Formation-shale, sandstone, limestone, coal</i> | |
| Ladore Fm. | <i>LDOR</i> | SH/SS | <i>Formation-shale, and sandstone, minor coal</i> | |
| Lake Neosho Sh. | <i>LKNS</i> | SH | | |
| Lake Creek Sh. Mbr. | <i>LCKC</i> | SH | | |
| Lane Sh. Fm. | <i>LANE</i> | SH | | |
| Lane-Bonner Springs Sh. Mbr. | <i>LBSP</i> | SH | | |
| Larsh and Burroak Sh. Mbr. | <i>LBOK</i> | SH | | |
| Lawrence Fm. | <i>LRNC</i> | SH | | |
| Lecompton Ls. Fm. | <i>LCMP</i> | LS | | |
| Leavenworth Ls. Mbr. | <i>LVNR</i> | LS | | |
| Legion Sh. Mbr. | <i>LGON</i> | SH | | |
| Lenapah Ls. Fm. | <i>LNPH</i> | LS | | |
| Liberty Memorial Sh. | <i>LBML</i> | SH | | |
| Lincoln Ls. Mbr. | <i>LNCL</i> | LS | | |
| Little Kaw Ls. Mbr. | <i>LKAW</i> | LS | | |
| Little Osage Ls. Mbr. | <i>LLOG</i> | LS | | |
| Little Pawnee Sh. Mbr. | <i>LPWN</i> | SH | | |
| Long Creek Ls. Mbr. | <i>LGCK</i> | LS | | |
| Lower Farley Ls. | <i>LFRLY</i> | LS | | |
| Mantey Sh. Mbr. | <i>MNTY</i> | SH | | |
| Maple Hill Ls. Mbr. | <i>MPLH</i> | LS | | |
| Marlow Sandstone Mbr. | <i>MRLW</i> | SS | | |
| Matfield Sh. Fm. | <i>MFLD</i> | SH | | |
| Medicine Lodge Gypsum Mbr. | <i>MGLG</i> | GYPSUM | | |
| Merriam Ls. Mbr. | <i>MRRM</i> | LS | | |

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| Middleburg Ls. Mbr. | <i>MDBG</i> | LS | | |
| Middle Creek Ls. Mbr. | <i>MDCK</i> | LS | | |
| Milan Ls. Mbr. | <i>MILN</i> | LS | | |
| Mine Creek Sh. Mbr. | <i>MCRK</i> | SH | | LS = Limestone |
| Mineral Coal Bed | <i>MNRL</i> | COAL | | DO = Dolomite |
| Morrill Ls. Mbr. | <i>MRRL</i> | LS | | GR = Granite |
| Morrison Fm. | <i>MRSN</i> | SH | | BA = Basalt |
| Mound City Sh. Mbr. | <i>MNDC</i> | SH | | RY = Rholite |
| Mulberry Coal Bed | <i>MLBR</i> | COAL | | SG = Sand and Gravel |
| Mulky Coal Bed | <i>MLKY</i> | COAL | | MISC = miscellaneous |
| Muncie Creek Sh. Mbr. | <i>MCCK</i> | SH | | SQ = Sioux Quartzite |
| Myrick Station Ls. Mbr. | <i>MCKS</i> | LS | | NS = Nephelene Syenite |
| Nebraska City Ls. Mbr. | <i>NBCK</i> | LS | | LW = Lightweight Aggregate |
| Nellie Bly Fm. | <i>NBLY</i> | SH | <i>Nellie Bly Fm. is Oklahoma's equivalent of Cherryvale Sh</i> | Sh = Shale |
| Nescatunga Gypsum Mbr. | <i>NSCG</i> | GYPSUM | | Conc = Concrete Pavement |
| Neutral Coal Bed | <i>NTRL</i> | COAL | | CC = Calcite Cemented Aggregate |
| Neva Ls. Mbr. | <i>NEVA</i> | LS | | CHALK-Chalk |
| Niobrara Chalk Fm. | <i>NBRR</i> | CHALK | | GYPSUM=Gypsum |
| Ninnescah Sh. Fm. | <i>NNSC</i> | SH | | COAL=Coal |
| Nolans Ls. Fm. | <i>NLNS</i> | LS | | SALT=Salt |
| Norfleet Ls. Mbr. | <i>NRFT</i> | LS | | |
| Nowata Sh Fm. | <i>NOWT</i> | SH/SS | <i>Formation-shale and sandstone</i> | |
| Noxie Sandstone Mbr. | <i>NOXI</i> | SS | | |
| Odell Sh. Fm. | <i>ODEL</i> | SH | | |
| Ogallala Fm. | <i>OGLL</i> | MISC | <i>Formation-cemented sand, gravel, limestone, sandstone</i> | |
| Oketa Sh. Mbr. | <i>OKET</i> | SH | | |
| Onaga Sh. Mbr. | <i>ONAG</i> | SH | | |
| Oread Ls. Fm. | <i>ORED</i> | LS | | |
| Oskaloosa Sh. Mbr. | <i>OSKA</i> | SH | | |
| Ozawkie Ls. Mbr. | <i>OZWK</i> | LS | | |
| Paddock Sh. Mbr. | <i>PDCK</i> | SH | | |
| Paola Ls. Mbr. | <i>PAOL</i> | LS | | |
| Pawnee Ls Fm. | <i>PWNE</i> | LS/SH | <i>Formation-limestone, and shale</i> | |
| Perry Farm Sh. Mbr. | <i>PRFM</i> | SH | | |
| Pfeifer Sh. Mbr. | <i>PFRR</i> | SH | | |
| Pierre Sh. Fm. | <i>PIRR</i> | SH | | |
| Pillsbury Sh. Fm. | <i>PLBR</i> | SH | | |
| Plattsburg Ls. Fm. | <i>PLBG</i> | LS | | |
| Plattsmouth Ls. Mbr. | <i>PLSM</i> | LS | | |
| Plumb Sh. Mbr. | <i>PLMB</i> | SH | | |
| Pony Creek Sh. Mbr. | <i>PCRK</i> | SH | | |
| Queen Hill Sh. Mbr. | <i>QUHL</i> | SH | | |
| Quindaro Sh. Mbr. | <i>QNDR</i> | SH | | |
| Quivira Sh. Mbr. | <i>QUVR</i> | SH | | |
| Raytown Ls. Mbr. | <i>RYTN</i> | LS | | |
| Reading Ls. Mbr. | <i>RDNG</i> | LS | | |
| Red Eagle Ls. Fm. | <i>RDEG</i> | LS | | |
| Relay Creek Dolomite Mbr. | <i>RLCK</i> | DO | | |

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| Riverton Coal Bed | RVRN | COAL | | |
| Robbins Sh. Mbr. | RBNS | SH | | |
| Roca Sh. Mbr. | ROCA | SH | | |
| Rock Bluff Ls. Mbr. | RKBF | LS | | |
| Rock Lake Sh. Fm. | RCKL | SH | | LS = Limestone |
| Root Sh. Fm. | ROOT | SH | | DO = Dolomite |
| Rowe Coal Bed | ROWE | COAL | | GR = Granite |
| Runnymede Sandstone Mbr. | RNMD | SS | | BA = Basalt |
| Salem Point Sh. Mbr. | SLMP | SH | | RY = Rholite |
| Salt Grass Sh. Mbr. | SLGR | SH | | SG = Sand and Gravel |
| Salt Plain Fm. | SLPL | SH/Siltstone | <i>Formation-shale and siltstone</i> | MISC = miscellaneous |
| Sallyards Ls. Mbr. | SLRD | LS | | SQ = Sioux Quartzite |
| Scammon Coal Bed | SCMN | COAL | | NS = Nephelene Syenite |
| Schroyer Ls. Mbr. | SCRR | LS | | LW = Lightweight Aggregate |
| Scranton Sh. Fm. | SCRN | SH | | Sh = Shale |
| Severy Sh. Fm. | SVRY | SH | | CC = Calcite Cemented Aggregate |
| Sharon Springs Sh. Mbr. | SSPG | SH | | GYPSUM=Gypsum |
| Sheldon Ls. Mbr. | SLDN | LS | | COAL=Coal |
| Shimer Gypsum Mbr. | SHMR | GYPSUM | | SALT=Salt |
| Shoemaker Ls. Mbr. | SHMK | LS | | |
| Silver Lake Ls. Mbr. | SVLK | LS | | |
| Smoky Hill Chalk Mbr. | SKMH | CHALK | | |
| Sniabar Ls. Mbr. | SNBR | LS | | |
| Snyderville Sh. Mbr. | SDLV | SH | | |
| Soldier Creek Sh. Mbr. | SDCK | SH | | |
| South Mound Sh. Mbr. | SMND | SH | | |
| South Bend Ls. Fm. | SBND | LS | | |
| Speiser Sh. Fm. | SPSR | SH | | |
| Spring Branch Ls. Mbr. | SPGP | LS | | |
| Spring Hill Ls. Mbr. | SPGH | LS | | |
| Stanton Ls. Fm. | STNN | LS | | |
| Stark Sh. Mbr. | STRK | SH | | |
| Stearns Sh. Fm. | SRNS | SH | | |
| Stone Coral Fm. | SCRL | DO/SALT/GYPSUM | <i>Formation-dolomite, gypsum and salt</i> | |
| Stoner Ls. Mbr. | STNR | LS | | |
| Stotler Ls. Fm. | STLR | LS | | |
| Stovall Ls. Fm. | STVL | LS | | |
| Stranger Fm. | SRGR | LS/SH/SS | <i>Fomration-limestone, shale and sandstone</i> | |
| Stull Sh. Mbr. | STLL | SH | | |
| Summit Coal Bed | SMMT | COAL | | |
| Swope Ls. Fm. | SWOP | LS | | |
| Tacket Fm. | TCKT | SH/LS/SS | <i>Fomration-shale, limestone, and sandstone</i> | |
| Tarkio Ls. Mbr. | TRKO | LS | | |
| Tecumseh Sh. Fm. | TCMS | SH | | |
| Terra Cotta Clay Mbr. | TRCT | SH/Siltstone | <i>Formation-shale, siltstone, mudstone</i> | |
| Thayer Coal Bed | THYR | COAL | | |
| Threemile Ls. Mbr. | TRML | LS | | |
| Tiawah Ls. Bed | TIWH | LS | | |

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|-----------------------------|--------------------------|-----------------------|-------------------------------------------------------|---------------------------------|
| Tonganoxie Sandstone Mbr. | TGNX | SS | | |
| Topeka Ls. Mbr. | TOPK | LS | | |
| Toronto Ls. Mbr. | TRNT | LS | | |
| Towanda Ls. Mbr. | TWND | LS | | |
| Towle Sh. Mbr. | TOWL | SH | | |
| Turner Creek Sh. Mbr. | TNCK | SH | | LS = Limestone |
| Utopia Ls. Mbr. | UTOP | LS | | DO = Dolomite |
| Upper Farley Ls. Mbr | UFRLY | LS | | GR = Granite |
| Upper Sibley Coal Bed | USBLY | COAL | | BA = Basalt |
| Valentine Mbr. | VLNN | MORTAR BED/SS | Formation-cemented sands and gravel, and sandstone | RY = Rholite |
| Vinland Sh. Mbr. | VNLD | SH | | SG = Sand and Gravel |
| Vilas Sh. Fm. | VILS | SH | | MISC = miscellaneous |
| Verdigris Ls. Mbr. | VRDG | LS | | SQ = Sioux Quartzite |
| Wakarusa Ls. Mbr. | WKRS | LS | | NS = Nephelene Syenite |
| Wamego Sh. Mbr. | WMGO | SH | | LW = Lightweight Aggregate |
| Walter Johnson Ss. Mbr. | WLRJ | SS | | Sh = Shale |
| Warner Ss. Mbr. | WRNR | SS | | Conc = Concrete Pavement |
| Warsaw Ls. Fm. | WRSW | LS | | CC = Calcite Cemented Aggregate |
| Wea Sh. Mbr. | WEAZ | SH | | CHALK-Chalk |
| Wellington Fm. | WLNG | SH | | GYPSUM=Gypsum |
| Weskan Sh. Mbr. | WSKN | SH | | COAL=Coal |
| Weir-Pittsburg Coal Bed | WPBG | COAL | | SALT=Salt |
| West Branch Sh. Mbr. | WBRC | SH | | |
| Westphalia Ls. Mbr. | WSPL | LS | | |
| Westerville Ls. Mbr. | WRVL | LS | | |
| Weston Sh. Mbr. | WSTN | SH | | |
| White Cloud Sh. Mbr. | WCLD | SH | | |
| Whitehorse Fm. | WTRS | SS/Siltstone/SH | Formation-sandstone, siltstone, shale, minor dolomite | |
| Willard Sh. Fm. | WLRD | SH | | |
| Williamsburg Coal Bed | WMBG | COAL | | |
| Winterset Ls. Mbr. | WNRS | LS | | |
| Winfield Ls. Fm. | WFLD | LS | | |
| Wood Siding Fm. | WDSG | LS/SH | Formation-limestone and shale | |
| Worland Ls. Mbr. | WRLD | LS | | |
| Wreford Ls. Fm. | WRFD | LS | | |
| Wymore Sh. Mbr. | WYMR | SH | | |
| Wyandotte Ls. Mbr. | WNDT | LS | | |
| Zeandale Ls. Fm. | ZNDL | LS | | |
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