

GIS Unit			Age and general lithology	Wyoming state map unit	Wyoming stratigraphic unit				Washakie and Little Snake River basins	Great Divide Basin	Colorado stratigraphic unit	Utah stratigraphic unit	2007 Wyoming Statewide Framework Water Plan - Aquifer classification
Wyoming	Colorado	Utah			Western GRB and southern Overthrust Belt	Northern GRB and northern Overthrust Belt	Eastern GRB and Rock Springs Uplift	CENOZOIC UNITS					
Water	Water	Water	surface water	Water (surface)	Water (surface)	Water (surface)	Water (surface)	Water (surface)	Water (surface)	Water (surface)	Water (surface)	not classified	
Ice	Ice	Ice	glacial ice	Glacial ice	Glacial ice	Glacial ice	Glacial ice	Glacial ice	Glacial ice	Glacial ice	Glacial ice	not classified	
Qa	Qa	Qa	Pleistocene-Holocene: alluvium & colluvium deposits	Alluvium and colluvium	Alluvium and colluvium	Alluvium and colluvium	Alluvium and colluvium	Alluvium and colluvium	Alluvium and colluvium	Modern alluvium	Surficial alluvium and colluvium	Major Aquifer - Alluvial	
Qls	Ql	Qls	Pleistocene-Holocene: landslide & glacial drift deposits	Landslide deposits	Landslide deposits	Landslide deposits	Landslide deposits	Landslide deposits	Landslide deposits	Landslide deposits	Surficial landslide deposits	Minor Aquifer	
Qs	Qe	Qe	Holocene: dune sand & loess deposits	Dune sand/loess (eolian) deposits	Dune sand/loess (eolian) deposits	Dune sand/loess (eolian) deposits	Dune sand/loess (eolian) deposits	Dune sand/loess (eolian) deposits	Dune sand/loess (eolian) deposits	Eolian deposits	Surficial eolian deposits	Minor Aquifer	
Ql	--	--	Pleistocene-Holocene: playa lake (non-glacial) deposits	Playa lake/other lacustrine deposits	--	--	Playa lake/other lacustrine deposits	Playa lake/other lacustrine deposits	Playa lake/other lacustrine deposits	--	--	Minor Aquifer	
Qg	Qg	Qg	Pleistocene-Holocene: glacial deposits	Glacial deposits	Glacial deposits	Glacial deposits	Glacial deposits	Glacial deposits	--	Gravels/alluvium/older glacial drift	Surficial glacial deposits	Minor Aquifer	
Qi	--	--	Pleistocene: alkali extrusive and intrusive igneous rocks	Alkali extrusive/intrusive igneous rocks	--	--	Alkali extrusive/intrusive igneous rocks (Lenticle Hills)	--	--	--	--	Unclassified	
Qt	Qgo	Qao	Pleistocene-Holocene: unconsolidated gravel deposit	Gravel, pediment, & fan deposits	Gravel, pediment, & fan deposits	Gravel, pediment, & fan deposits	Gravel, pediment, & fan deposits	Gravel, pediment, & fan deposits	Gravel, pediment, & fan deposits	Gravel, pediment, & fan deposits	Older gravels and alluviums	Minor Aquifer	
Qu	--	Qg	Pleistocene-Holocene: alluvium & colluvium deposits	Undivided surficial deposits	Undivided surficial deposits	--	--	--	--	--	Surficial glacial deposits/Bishop Conglomerate	Minor Aquifer	
QTg	--	Qg	Pliocene-Pleistocene: gravel deposit	Terrace gravel	Terrace gravel	--	Terrace gravel	--	--	--	Surficial glacial deposits/Bishop Conglomerate	Minor Aquifer	
--	Tui	--	Miocene-Pliocene: granitoid & basalt	Intrusive & extrusive igneous rocks	Intrusive & extrusive igneous rocks	--	--	--	--	Upper Tertiary intrusive rocks	--	Unclassified	
Tmu	--	--	Upper Miocene: sandstone & claystone	Upper Miocene rocks (undivided)	--	--	Upper Miocene rocks (undivided)	--	--	--	--	Minor Aquifer	
Tm	Tbp	T5	Miocene: sandstone & conglomerate	Miocene rocks (undivided)	--	--	Miocene rocks (undivided)	Miocene rocks (undivided)	Miocene rocks (undivided)	Miocene rocks (undivided)	Browns Park Formation	Minor Aquifer	
Tbf	Tv	Tui	Miocene: basalt	Basalt flows/intrusive igneous rocks	--	--	--	Basalt flows/intrusive igneous rocks	--	Volcanic rocks NW Colorado/intrusive rocks	--	Unclassified	
Tbi	Tos	T4	Oligocene: conglomerate	Bishop Conglomerate	Bishop Conglomerate	--	Bishop Conglomerate	--	--	White River Fm/Bishop Conglomerate	Bishop Conglomerate	Minor Aquifer	
Twru	--	--	Oligocene: medium-grained mixed clastic & conglomerate	White River Fm: Upper conglomerate member	--	--	White River Fm: Upper conglomerate member	--	--	--	--	Minor Aquifer	
Twr	--	--	Oligocene: fine- & medium-grained mixed clastic	White River Formation	--	--	--	--	White River Formation	--	--	Minor Aquifer	
Toe	--	--	Eocene-Oligocene: mixed clastic/volcanic & medium-grained mixed clastic	Oligocene/Upper-Middle Eocene rocks	--	--	Oligocene/Upper-Middle Eocene rocks	--	--	--	--	Minor Aquifer	
Tip	--	--	Eocene: conglomerate	Ice Point Conglomerate	--	--	--	--	Ice Point Conglomerate	--	--	Minor Aquifer	
Twa	--	--	Eocene: medium- & fine-grained mixed clastic	Washakie Formation	--	--	--	Washakie Formation	--	--	--	Minor Aquifer	
Tb	Tb	T3	Eocene: fine-grained mixed clastic & mixed clastic/volcanic	Bridger Formation	Bridger Formation	Bridger Formation	Bridger Formation	--	--	Bridger Formation	Bridger Formation	Major Aquifer - Sandstone	
Tcg	--	--	Eocene: conglomerate	Crooks Gap Conglomerate	--	--	--	--	Crooks Gap Conglomerate	--	--	Minor Aquifer	
Tgl	Tglm	--	Eocene: oil shale & mixed clastic/carbonate	Green River Fm: Laney Member	Green River Fm: Laney Member	Green River Fm: Laney Member	Green River Fm: Laney Member	Green River Fm: Laney Member	Green River Fm: Laney Member	Green River Fm: Laney Member	Green River Fm: Laney Member	Major Confining Unit	
Tgw	--	--	Eocene: fine-grained mixed clastic & mixed clastic/carbonate	Green River Fm: Wilkins Peak Member	Green River Fm: Wilkins Peak Member	--	Green River Fm: Wilkins Peak Member	Green River Fm: Wilkins Peak Member	--	--	--	Marginal Aquifer	
Tgwt	Tgt	--	Eocene: mixed clastic/carbonate & fine-grained clastic	Green River Fm: Wilkins Peak Mbr & Tipton Shale Mbr/Tongue	--	--	Green River Fm: Wilkins Peak Mbr & Tipton Shale Mbr/Tongue	Green River Fm: Wilkins Peak Mbr & Tipton Shale Mbr/Tongue	--	Green River Fm: Tipton Tongue	--	Marginal Aquifer	
Tgt	Tgt	--	Eocene: oil shale & mixed clastic/carbonate	Green River Fm: Tipton Shale Member/Tongue	--	--	--	Green River Fm: Tipton Shale Member/Tongue	Green River Fm: Tipton Shale Member/Tongue	Green River Fm: Tipton Shale Member/Tongue	--	Major Confining Unit	
Tglu	Tglu	--	Eocene: fine-grained mixed clastic & oil shale	Green River Fm: Luman Tongue	--	--	--	Green River Fm: Luman Tongue	Green River Fm: Luman Tongue	Green River Fm: Luman Tongue	--	Major Confining Unit	
Tgrw	--	--	Eocene: mudstone & sandstone	Green River & Wasatch Formations	Green River & Wasatch Formations	--	--	--	--	--	--	Major Aquifer - Sandstone (Wasatch Formation)	
Twe	Twe	T1	Eocene: fine- & medium-grained mixed clastic	Wasatch Fm: Cathedral Bluffs Tongue	Wasatch Fm: Cathedral Bluffs Tongue	Wasatch Fm: Cathedral Bluffs Tongue	Wasatch Fm: Cathedral Bluffs Tongue	Wasatch Fm: Cathedral Bluffs Tongue	--	Wasatch Fm: Cathedral Bluffs Tongue	Fort Union & Wasatch Fms	Minor Aquifer	
Twn	Twn	T1	Eocene: sandstone & shale	Wasatch Fm: Niland Tongue	Wasatch Fm: Niland Tongue	--	--	Wasatch Fm: Niland Tongue	Wasatch Fm: Niland Tongue	Wasatch Fm: Niland Tongue	Fort Union & Wasatch Fms	Minor Aquifer	
Twd	--	--	Eocene: elastic & medium-grained mixed clastic	Wasatch Fm: Diamictite & sandstone	Wasatch Fm: Diamictite & sandstone	Wasatch Fm: Diamictite & sandstone	Wasatch Fm: Diamictite & sandstone	--	--	--	--	Major Aquifer - Sandstone	
Twc	--	--	Paleocene-Eocene: mudstone & conglomerate	Wasatch Fm: La Barge & Chappo Members	Wasatch Fm: La Barge & Chappo Members	--	--	--	--	--	--	Major Aquifer - Sandstone	
Twg	--	--	Eocene: fine-grained mixed clastic & mixed clastic/carbonate	Wasatch & Green River Fms: New Fork Tongue of Wasatch Fm & Fontenelle Tongue of Green River Fm	--	--	Wasatch & Green River Fms: New Fork Tongue of Wasatch Fm & Fontenelle Tongue of Green River Fm	--	--	--	--	Major Aquifer - Sandstone	
Twm	Tw	T1	Eocene: sandstone & fine-grained mixed clastic	Wasatch Fm: Main body	Wasatch Fm: Main body	Wasatch Fm: Main body	Wasatch Fm: Main body	Wasatch Fm: Main body	Wasatch Fm: Main body	Wasatch Formation	Fort Union & Wasatch Fms	Major Aquifer - Sandstone	
Tw	Tw	T1	Eocene: mudstone & sandstone	Wasatch Fm: Main body	Wasatch Fm: Main body	Wasatch Fm: Main body	--	--	--	Wasatch Formation	Fort Union & Wasatch Fms	Major Aquifer - Sandstone	
Tba	--	--	Paleocene-Eocene: conglomerate	Battle Spring Formation	--	--	--	--	Battle Spring Formation	--	--	Major Aquifer - Sandstone	
Tp	--	--	Eocene: conglomerate & medium-grained mixed clastic	Pass Peak Formation & equivalents	--	--	Pass Peak Formation & equivalents	--	--	--	--	Minor Aquifer	
Tep	--	--	Paleocene-Eocene: conglomerate	Conglomerate of Roaring Creek	--	--	Conglomerate of Roaring Creek	--	--	--	--	Minor Aquifer	
Th	--	--	Paleocene: medium- & fine-grained mixed clastic	Hoback Formation	--	--	Hoback Formation	--	--	--	--	Minor Aquifer	
Tdb	--	--	Paleocene: medium- & fine-grained mixed clastic	Devils Basin Formation	--	--	Devils Basin Formation	--	--	--	--	Minor Aquifer	
Tfu	Tf	T1	Paleocene: sandstone & shale	Fort Union Formation	Fort Union Formation	Fort Union Formation	Fort Union Formation	Fort Union Formation	Fort Union Formation	Fort Union Formation	Fort Union & Wasatch Fms	Major Aquifer - Sandstone	
TKo	--	--	Upper Cretaceous-Paleocene: conglomerate & sandstone	Pinyon Conglomerate	--	--	Pinyon Conglomerate	--	--	--	--	Minor Aquifer	
TKe	--	--	Upper Cretaceous-Paleocene: siltstone & sandstone	Evanston Formation	Evanston Formation	--	--	--	--	--	--	Minor Aquifer	
MESOZOIC UNITS													
Kl	Kl	K3	Upper Cretaceous: sandstone & shale	Lance Formation	--	--	Lance Formation	Lance Formation	Lance Formation	Lance Formation	Mesaverde Group/Lewis Shale/Fox Hills Sandstone/Lance Fm	Minor Aquifer	
Kfh	--	--	Upper Cretaceous: sandstone & shale	Fox Hills Sandstone	--	--	Fox Hills Sandstone	Fox Hills Sandstone	Fox Hills Sandstone	--	--	Minor Aquifer	
Kfl	--	--	Upper Cretaceous: sandstone & shale	Fox Hills Sandstone & Lewis Shale	--	--	Fox Hills Sandstone & Lewis Shale	Fox Hills Sandstone & Lewis Shale	Fox Hills Sandstone & Lewis Shale	--	--	Minor Aquifer (Fox Hills Sandstone)	
Kla	Kla	K3	Upper Cretaceous: shale & sandstone	Lewis Shale	--	--	Lewis Shale	Lewis Shale	Lewis Shale	Lewis Shale	Mesaverde Group/Lewis Shale/Fox Hills Sandstone/Lance Fm	Major Confining Unit	
Kmv	Kmv	K3	Upper Cretaceous: sandstone & shale	Mesaverde Group	Mesaverde Group	Mesaverde Group	Mesaverde Group	Mesaverde Group	Mesaverde Group	Mesaverde Group	Mesaverde Group (undivided)	Major Aquifer - Sandstone	
Kal	--	--	Upper Cretaceous: sandstone & shale	Almond Fm of Mesaverde Group	--	--	Almond Formation of Mesaverde Group	Almond Formation of Mesaverde Group	Almond Formation of Mesaverde Group	--	--	Minor Aquifer	
Ke	--	--	Upper Cretaceous: sandstone & conglomerate	Ericson Sandstone of Mesaverde Group	--	--	Ericson Sandstone of Mesaverde Group	--	--	--	--	Major Aquifer - Sandstone	
Kr	--	--	Upper Cretaceous: sandstone & mudstone	Rock Springs Fm of Mesaverde Group	--	--	Rock Springs Fm of Mesaverde Group	--	--	--	--	Minor Aquifer	
Kbl	--	--	Upper Cretaceous: sandstone & shale	Blair Fm of Mesaverde Group	--	--	Blair Fm of Mesaverde Group	--	--	--	--	Minor Aquifer	
Kav	--	--	Upper Cretaceous: sandstone & fine-grained mixed clastic	Adaville Formation	Adaville Formation	--	--	--	--	--	--	Minor Aquifer	
Kh	--	--	Upper Cretaceous: mudstone	Hillard Shale	Hillard Shale	--	--	--	--	--	--	Major Confining Unit	
Kbb	--	--	Upper Cretaceous: medium-grained & fine-grained mixed clastic	Blind Bull Formation	--	--	Blind Bull Formation	--	--	--	--	Minor Aquifer	
Ksb	--	--	Upper Cretaceous: sandstone & coal	Sohare Fm/Bacon Ridge Sandstone	--	--	Sohare Fm/Bacon Ridge Sandstone	--	--	--	--	Minor Aquifer	
Kba	--	--	Upper Cretaceous: shale & sandstone	Baxter Shale	--	--	Baxter Shale	--	--	--	--	Major Confining Unit	
Kc	Km	--	Upper Cretaceous: shale & sandstone	Cody Shale	--	--	Cody Shale	--	--	Cody Shale	Mancos Shale (Lower-Upper Cretaceous)	Major Confining Unit	
Ksn	Km	K2	Upper Cretaceous: shale & mixed clastic/volcanic	Steele Shale/Niobrara Fm	--	--	--	Steele Shale/Niobrara Fm	Steele Shale/Niobrara Fm	Mancos Shale/Frontier Sandstone/Mowry Shale/ Members of the Mancos Shale/Dakota Sandstone	Mancos Shale/Mowry Shale/Frontier Fm/Blair Fm/Hillard Shale/Adaville Fm	Major Confining Unit	
Ks	--	--	Upper Cretaceous: shale & mixed clastic/volcanic	Steele Shale	--	--	--	Steele Shale	--	--	--	Major Confining Unit	
Kn	--	--	Upper Cretaceous: limestone & fine-grained mixed clastic	Niobrara Formation	--	--	--	Niobrara Formation	--	--	--	Major Confining Unit	
Kf	Km	K2	Upper Cretaceous: sandstone & shale	Frontier Formation	Frontier Formation	Frontier Formation	Frontier Formation	Frontier Formation	Frontier Formation	Frontier Formation	Mancos Shale	Minor Aquifer	
Kfl	--	--	Upper-Lower Cretaceous: sandstone & shale	Frontier Fm/Mowry Shale/Thermopolis Shale	--	--	Frontier Fm/Mowry Shale/Thermopolis Shale	Frontier Fm/Mowry Shale/Thermopolis Shale	Frontier Fm/Mowry Shale/Thermopolis Shale	--	--	Major Confining Unit and Minor/Marginal Aquifer (Frontier Formation and Muddy Sandstone)	
Kss	--	K1	Lower Cretaceous: mudstone & sandstone	Sage Junction/Quealy/Cokeville/Thomas Fork-Smiths Fms	Sage Junction/Quealy/Cokeville/Thomas Fork-Smiths Fms	--	--	--	--	--	Dakota Fm/Cedar Mountain Fm/Sage Junction Fm/Aspen Shale	Minor Aquifer	
Ka	--	K2	Lower Cretaceous: mudstone & mixed clastic/volcanic	Aspen Shale	--	--	Aspen Shale	--	--	--	Mancos Shale/Mowry Shale/Frontier Fm/Blair Fm/Hillard Shale/Adaville Fm	Major Confining Unit	
Kbr	--	--	Lower Cretaceous: shale & sandstone	Bear River Formation	Bear River Formation	Bear River Formation	Bear River Formation	--	--	--	--	Marginal Aquifer	
Kmt	Km	K2	Lower Cretaceous: shale & sandstone	Mowry Shale/Thermopolis Shale	--	--	Mowry/Thermopolis Shale	Mowry Shale/Thermopolis Shale	Mowry Shale/Thermopolis Shale	Mowry Shale/Thermopolis Shale	Mancos Shale/Frontier Sandstone/Mowry Shale/ Members of the Mancos Shale/Dakota Sandstone	Major Confining Unit (Mowry Shale and Thermopolis Shale)	
Kg	--	K1	Lower Cretaceous: mudstone & sandstone	Gannett Group	Gannett Group	Gannett Group	Gannett Group	--	--	--	Dakota Fm/Cedar Mountain Fm/Sage Junction Fm/Aspen Shale	Minor Aquifer	
KJ	--	--	Jurassic-Lower Cretaceous: sandstone & claystone	Cloverly/Morrison Formations	--	--	Cloverly/Morrison Formations	Cloverly/Morrison Formations	Cloverly/Morrison Formations	Cloverly/Morrison Formations	--	Major Aquifer - Sandstone (Cloverly Formation)	
KJd	KJds	J1	Middle Jurassic-Lower Cretaceous: fine-grained clastic and medium-grained mixed clastic	Cloverly/Morrison/Sundance Fms	--	--	--	Cloverly/Morrison/Sundance Fms	Cloverly/Morrison/Sundance Fms	Dakota/Morrison/Sundance Fms	Stump Fm/Entrada Sandstone/Carmel Fm/Curtis Fm/Morrison Fm	Major Aquifer - Sandstone (Cloverly Formation)	
KJg	KJds	J1	Middle Jurassic-Lower Cretaceous: fine-grained clastic and medium-grained mixed clastic	Cloverly/Morrison/Sundance/ Gypsum Spring Fms	Cloverly/Morrison/Sundance/ Gypsum Spring Fms	Cloverly/Morrison/Sundance/ Gypsum Spring Fms	Cloverly/Morrison/Sundance/ Gypsum Spring Fms	--	--	Cloverly/Morrison/Sundance/ Gypsum Spring Fms	Stump Fm/Entrada Sandstone/Carmel Fm/Curtis Fm/Morrison Fm	Major Aquifer - Sandstone (Cloverly Formation)	
--	Jm	--	Jurassic: sandstone and shale/mudstone	--	--	--	--	--	--	--	Morrison Formation (Colorado unit only)	Marginal Aquifer	
Jsg	--	J1	Middle Jurassic-Lower Cretaceous: sandstone and shale	Sundance/Gypsum Spring Fms	Sundance/Gypsum Spring Fms	Sundance/Gypsum Spring Fms	Sundance/Gypsum Spring Fms	--	--	Sundance/Gypsum Spring Fms	--	Marginal Aquifer	
Jfn	Jfmg	Jg	Triassic(?) Jurassic: sandstone	Nugget Sandstone	Nugget Sandstone	Nugget Sandstone	Nugget Sandstone	Nugget Sandstone	Nugget Sandstone	Nugget Sandstone	Morrison Curtis/Entrada/Glen Canyon Fms	Glen Canyon Sandstone/Nugget (Navajo) Sandstone/Chinle Fm	Major Aquifer - Sandstone
Jfnd	Jfmg	Jg	Lower Triassic-Jurassic: siltstone and sandstone	Nugget Sandstone/Ankareh Fm/Thaynes Limestone/Woodside Shale/Dinwoody Fm	Nugget Sandstone/Ankareh Fm/Thaynes Limestone/Woodside Shale/Dinwoody Fm	Nugget Sandstone/Ankareh Fm/Thaynes Limestone/Woodside Shale/Dinwoody Fm	--	--	--	--	Morrison/Curtis/Entrada/Glen Canyon Fms	Triassic and Jurassic rocks (undivided)	Minor Aquifer (Thaynes Limestone) and Marginal Aquifer (Woodside Formation and Dinwoody Formation)
Jat	--	J1	Middle-Upper Jurassic: fine-grained mixed clastic and limestone	Stump Fm/Preuss Sandstone or Redbeds/Twin Creek Limestone	Stump Fm/Preuss Sandstone or Redbeds/Twin Creek Limestone	Stump Fm/Preuss Sandstone or Redbeds/Twin Creek Limestone	--	--	--	--	--	--	Minor Aquifer (Twin Creek Limestone)
Jad	--	T1	Lower-Upper Triassic: mixed clastic/carbonate and fine-grained mixed clastic	Ankareh Fm/Thaynes Limestone/Woodside Shale/Dinwoody Fm	Ankareh Fm/Thaynes Limestone/Woodside Shale/Dinwoody Fm	Ankareh Fm/Thaynes Limestone/Woodside Shale/Dinwoody Fm	--	--	--	--	--	Dinwoody Fm/Woodside Shale/Thaynes Limestone & other fms	Minor Aquifer (Thaynes Limestone) and Marginal Aquifer (Woodside Formation and Dinwoody Formation)
Jco	--	T1	Lower-Upper Triassic: siltstone and shale	Chugwater Formation	Chugwater Formation	Chugwater Formation	Chugwater Formation	Chugwater Formation	Chugwater Formation	Chugwater Formation	--	Dinwoody Fm/Woodside Shale/Thaynes Limestone & other fms	Marginal Aquifer (Woodside Formation and Dinwoody Formation) and Minor Aquifer (Thaynes Limestone)
Jed	Tp	Tp	Lower-Upper Triassic: mudstone and limestone	Chugwater/Dinwoody Fms	Chugwater/Dinwoody Fms	Chugwater/Dinwoody Fms	Chugwater/Dinwoody Fms	--	--	--	Chinle/Moenkopi Park City Fms: Nugget/Jelm/Popo Agie/Chugwater/Red Peak/Forelle, Satanka & Goose Egg Fms	Dinwoody Fm/Woodside Shale/Thaynes Limestone & other fms	Marginal Aquifer (Dinwoody Formation)
PALEOZOIC UNITS													
MzPz	--	--	Upper Mississippian-Lower Cretaceous: sedimentary rock units and clastic	Mesozoic & Paleozoic rocks (undivided)	--	--	--	Mesozoic & Paleozoic (undivided)	Mesozoic & Paleozoic (undivided)	--	--	Minor Aquifer	
Pp	--	P2	Permian: shale and phosphorite	Phosphoria Formation & related rocks	Phosphoria Formation & related rocks	Phosphoria Formation & related rocks	Phosphoria Formation & related rocks	Goose Egg Formation/Group	Goose Egg Formation/Group	--	Park City Formation & related rocks	Minor Aquifer	
PPMa	--	PP	Upper Mississippian-Permian: limestone and sandstone	Phosphoria/Wells/Amnsden Fms	Phosphoria/Wells/Amnsden Fms	Phosphoria/Wells/Amnsden Fms	--	--	--	--	Weber Sandstone	Minor Aquifer	
PM	PPw	PP	Upper Mississippian-Permian: sandstone and carbonate	Tensleep Sandstone/Amnsden Fm	Tensleep Sandstone/Amnsden Fm	Tensleep Sandstone/Amnsden Fm	Tensleep Sandstone/Amnsden Fm	Tensleep Sandstone/Amnsden Fm	Tensleep Sandstone/Amnsden Fm	Tensleep Sandstone/Amnsden Fm	Minturn or Morgan Fms/Weber Sandstone & Maroon Fm	Major Aquifer - Limestone (Tensleep Sandstone)	
Pzr	Mcm	--	Paleozoic: Cambrian-Permian rock units	Paleozoic rocks (undivided)	--	--	--	Paleozoic rocks (undivided)	Paleozoic rocks (undivided)	--	Madison Limestone & Ludlow Fm	Major Aquifer - Limestone (Madison Limestone)	
Mm	Mm	M1	Lower-Upper Mississippian: limestone and dolomite	Madison Limestone or Group	Madison Limestone or Group	Madison Limestone or Group	Madison Limestone or Group	Madison Limestone or Group	Madison Limestone or Group	Madison Limestone or Group	Madison Limestone	Major Aquifer - Limestone (Madison Limestone)	
MD	--	M2	Upper Devonian-Upper Mississippian: limestone and dolomite	Madison Limestone/Darby Fm	Madison Limestone/Darby Fm	Madison Limestone/Darby Fm	--	--	--	--	Doughnut Shale Fm/Hunburg Fm/Madison Limestone	Major Aquifer - Limestone (Madison Limestone)	
OC	--	--	Middle Cambrian-Upper Ordovician: limestone and dolomite	Bighorn Dolomite/Gallatin Limestone/Gros Ventre Fm	Bighorn Dolomite/Gallatin Limestone/Gros Ventre Fm	Bighorn Dolomite/Gallatin Limestone/Gros Ventre Fm	Bighorn Dolomite/Gallatin Limestone/Gros Ventre Fm	--	--	--	--	Major Aquifer - Limestone (Bighorn Dolomite)	
Cr	Cl	C1	Middle-Upper Cambrian: limestone and sandstone	Cambrian rocks (undivided)	Cambrian rocks (undivided)	Cambrian rocks (undivided)	Cambrian rocks (undivided)	Cambrian rocks (undivided)	Cambrian rocks (undivided)	Cambrian rocks (undivided)	Lodere Formation & Sawatch Quartzite	Major Aquifer - Limestone (Flathead Sandstone)	
PRECAMBRIAN UNITS													
--	Yu	PCs	Middle Proterozoic: quartzite and conglomerate	--	--	--	--	--	--	--	Uinta Mountain Group	Minor Aquifer	
Xsv	Xfh	--	Early Proterozoic: metasedimentary & metavolcanic rock	Metasedimentary/metavolcanic rocks	--	--	--	Metasedimentary/metavolcanic rocks	--	--	Precambrian Interlayered Felsic- and Hornblende Gneisses	Major Confining Unit (Precambrian)	
Xlc	--	--	Early Proterozoic: metasedimentary rock	Metasedimentary rocks - Libby Creek Group	--	--	--	Metasedimentary rocks - Libby Creek Group	--	--	--	Major Confining Unit (Precambrian)	
Xdl	--	--											