

Depth	Stratigraphic Units						Rock Color	Lithology Rock Column	Grainsize	Fossils	Porosity Type	Porosity	Remarks
	Members	Formations	Subgroup	Stage	Series	System							
1300													1300 1320 LS: tan-white pred dense micro-fine xln w/ poor
													1320 1338 SH: black carb & very carb & gray & green
													1338 1360 LS: white-tan-gray micro-fine xln very rare medium-coarse Crystals 2nd
													1360 1377 LS: tan-gray-white dense micro-fine xln some
													1377 1387 LS: tan-gray-white
1400													1387 1410 SH: abundant dark gray-black some carb some pyritic
													1410 1427 SH: dark gray-black some carb micaceous
													1427 Oread Limestone
		Oread Limestone											1444 1461 LS: cream-tan micro-medium xln some 2nd
	Heebner Shale												1461 1466 LS: gray-brown dense
													1470 1475 LS: gray-brown
1500													1480 1500 LS: cream-buff micro-medium xln Re-XLN some
													1500 Douglas
													1517 Douglas Sand
													1526 1539 SILT: gray &
													1539 1565 SH: pred dark gray-black some pyritic
													1565 1581 SH: pred dark gray-black some pyritic SS-SD
													1581 1591 LS: dark gray & light
1600													1591 1634 SAND CLUSTER: light gray very fine-fine grain pred well cemented & silty some sub friable micaceous poor-very poor porosity NS
													1634 1670 SH: dark gray
													1670 1695 SH: gray-black some light gray SILT
1700													1695 1708 LS: cream-gray-tan
													1708 1727 SILT: light gray-medium gray some very
													1727 1745 LS: cream-tan-gray micro-fine xln very rare
													1745 1778 SH: dark gray-black some carb
													1778 Lansing
1800													1830 1838 LS: gray dense
													1838 1850 LS: gray-tan-white
													1850 1880 LS: gray-tan-white some granular packstone w/ poor-fair porosity w/ spotted substat FLE & trace SFO & Cut
													1880 1906 LS: tan-gray-brown & white some mottled pred dense mudstone & micro-fine xln w
1900													1906 1926 SH: black carb-very carb & gray-black some pyritic
													1926 1951 SH: gray-black some limy & calc
													1951 1955 LS: gray-tan dense
2000													1995 2005 SH medium gray-dark
													2005 2023 SH: gray some dense calc slightly pyritic
													2023 2038 SH: dark gray-medium gray some calc slightly pyritic
													2038 Kansas City
													2049 2057 LS: cream-tan
													2057 2062 LS: gray dense &
2100													2082 2093 LSL cream-tan dense
													2093 2099 LS: white-tan part
													2124 2132 LS: tan-white
													2132 2156 LS: tan-gray micro-fine xln very rare medium crystals some argillaceous &
	Stark Shale												2156 Stark Shale
2200													2186 Hushpuckney Shale
													2200 2212 LS: medium gray-dark
													2212 2224 LS: dark gray
													2224 2233 SH: dark gray-black
													2233 2245 LS: tan-white & gray
													2245 2248 LS: brown dense
													2259 2276 SH: gray-black increase carb & pyritic - very
													2276 Checkerboard Limestone
2300													2291 Hepler Sand
													2301 2322 SH: greenish gray some pyritic slightly micaceous
													2322 Altamont Limestone
													2334 2336 SH: black carb-very
													2343 2363 SH: greenish gray & grayish black some black carb
													2363 Pawnee
													2377 2389 LS: gray dense
													2389 Cherokee
2400													2400 2404 SH: greenish gray &
													2410 2430 SILTY SS: greenish gray & buff-tan STM very fine
													2430 2440 SILT & SH: light
													2440 2446 SH: gray & some
													2452 2461 SH: gray-black some
2500													2461 2474 SH: gray-black-brown

Primary Rock Lithology

Secondary Rock Lithology

Fossils

Fresh Water

Brackish Water

Marine

(A) Few

(B) Many

(C) Broken

⊕ - Macrofossils

✱ - Microfossils

Porosity Type

✕ - Intergranular

⊞ - Interparticle

⊕ - Interskeletal

⊞ - Intercrystalline

⊞ - Mouldic

⊞ - Vuggy

⊞ - Pinpoint