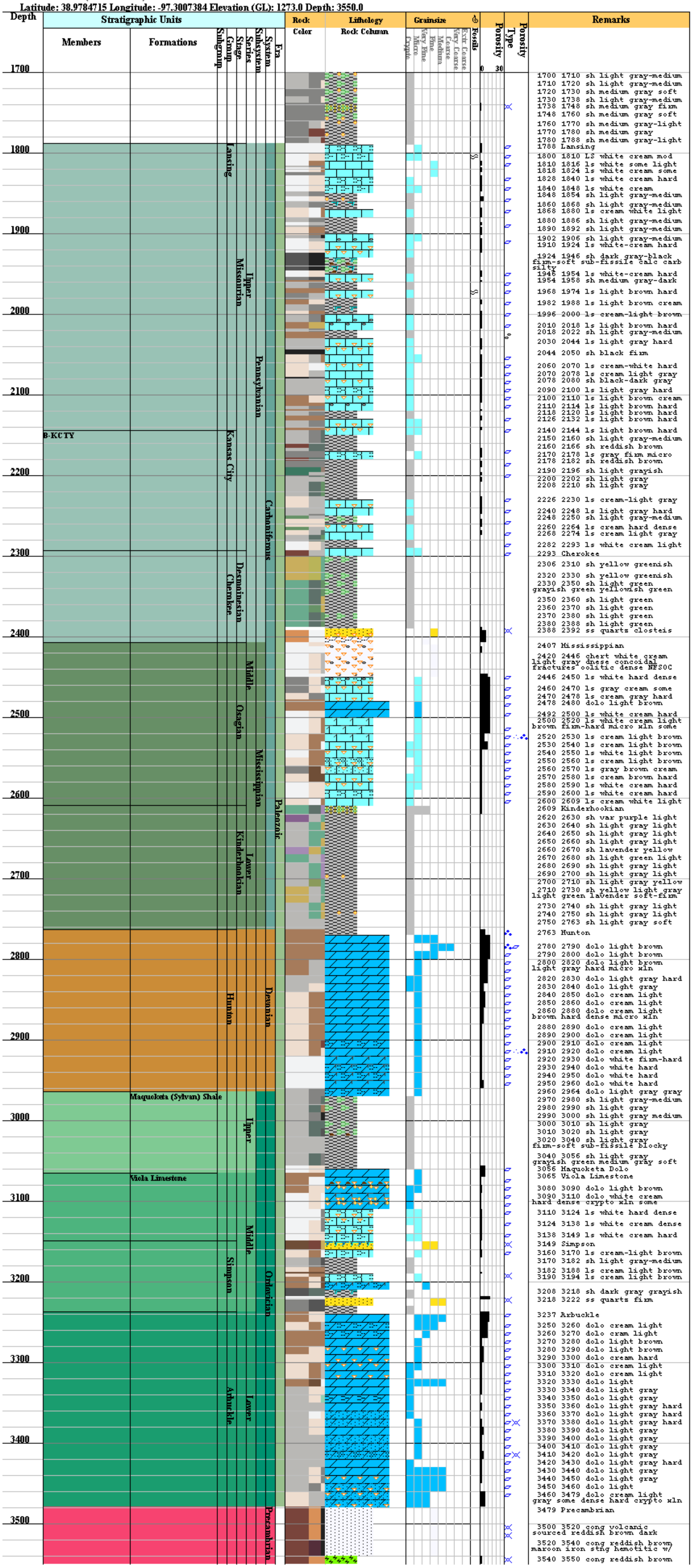
M. Freeman 1-27 (15-041-20122) T: 12S R: 1E S: 27
Latitude: 38.9784715 Longitude: -97.3007384 Elevation (GL): 1273.0 Depth: 3550.0



1700 1710 sh light gray-medium
1710 1720 sh light gray-medium
1720 1730 sh medium gray soft
1730 1738 sh light gray-medium
1738 1748 sh medium gray firm
1748 1760 sh medium gray soft
1760 1770 sh medium gray-light
1770 1780 sh medium gray
1780 1788 sh medium gray-light
1788 Lansing
1800 1810 LS white cream mod
1810 1816 ls white some light
1818 1824 ls white cream some
1828 1840 ls white cream hard
1840 1848 ls white cream
1848 1854 sh light gray-medium
1860 1868 sh light gray-medium
1868 1880 ls cream white light
1880 1886 sh light gray-medium
1890 1892 sh light gray-medium
1902 1906 sh light gray-medium
1910 1924 ls white-cream hard
1924 1946 sh dark gray-black
firm-soft sub-fissile calc carb
silty
1946 1954 ls white-cream hard
1954 1958 sh medium gray-dark
1968 1974 ls light brown hard
1982 1988 ls light brown cream
1996 2000 ls cream-light brown
2010 2018 ls light brown hard
2018 2022 sh light gray-medium
2030 2044 ls light gray hard
2044 2050 sh black firm
2060 2070 ls cream-white hard
2070 2078 ls cream light gray
2078 2080 sh black-dark gray
2090 2100 ls light gray hard
2100 2110 ls light brown cream
2110 2114 ls light brown hard
2118 2120 ls light brown hard
2126 2132 ls light brown hard
2140 2144 ls light brown hard
2150 2160 sh light gray-medium
2160 2166 sh reddish brown
2170 2178 ls gray firm micro
2178 2182 sh reddish brown
2190 2196 sh light grayish
2200 2202 sh light gray
2208 2210 sh light gray
2226 2230 ls cream-light gray
2240 2248 ls light gray hard
2248 2250 sh light gray-medium
2260 2264 ls cream hard dense
2268 2274 ls cream light gray
2282 2293 ls white cream light
2293 Cherokee
2306 2310 sh yellow greenish
2320 2330 sh yellow greenish
2330 2350 sh light green
grayish green yellowish green
2350 2360 sh light green
2360 2370 sh light green
2370 2380 sh light green
2380 2388 sh light green
2388 2392 ss quartz closteis
2407 Mississippian
2420 2446 chert white cream
light gray dnese concoidal
fractures oolitic dense NFSOC
2446 2450 ls white hard dense
2460 2470 ls gray cream some
2470 2478 ls cream gray hard
2478 2480 dolo light brown
2492 2500 ls white cream hard
2500 2520 ls white cream light
brown firm-hard micro xln some
2520 2530 ls cream light brown
2530 2540 ls cream light brown
2540 2550 ls white light brown
2550 2560 ls cream light brown
2560 2570 ls gray brown cream
2570 2580 ls cream brown hard
2580 2590 ls white cream hard
2590 2600 ls white cream hard
2600 2609 ls cream white light
2609 Kinderhookian
2620 2630 sh var purple light
2630 2640 sh light gray light
2640 2650 sh light gray light
2650 2660 sh light gray light
2660 2670 sh lavender yellow
2670 2680 sh light green light
2680 2690 sh light gray light
2690 2700 sh light gray light
2700 2710 sh light gray yellow
2710 2730 sh yellow light gray
light green lavender soft-firm
2730 2740 sh light gray light
2740 2750 sh light gray light
2750 2763 sh light gray soft
2763 Hunton
2780 2790 dolo light brown
2790 2800 dolo light brown
2800 2820 dolo light brown
light gray hard micro xln
2820 2830 dolo light gray hard
2830 2840 dolo light gray
2840 2850 dolo cream light
2850 2860 dolo cream light
2860 2880 dolo cream light
brown hard dense micro xln
2880 2890 dolo cream light
2890 2900 dolo cream light
2900 2910 dolo cream light
2910 2920 dolo cream light
2920 2930 dolo white firm-hard
2930 2940 dolo white hard
2940 2950 dolo white hard
2950 2960 dolo white hard
2960 2964 dolo light gray gray
2970 2980 sh light gray-medium
2980 2990 sh light gray
2990 3000 sh light gray medium
3000 3010 sh light gray
3010 3020 sh light gray
3020 3040 sh light gray
firm-soft sub-fissile blocky
3040 3056 sh light gray
grayish green medium gray soft
3056 Maquoketa Dolo
3065 Viola Limestone
3080 3090 dolo light brown
3090 3110 dolo white cream
hard dense crypto xln some
3110 3124 ls white hard dense
3124 3138 ls white cream dense
3138 3149 ls white cream hard
3149 Simpson
3160 3170 ls cream-light brown
3170 3182 sh light gray-medium
3182 3188 ls cream light brown
3190 3194 ls cream light brown
3208 3218 sh dark gray grayish
3218 3222 ss quartz firm
3237 Arbuckle
3250 3260 dolo cream light
3260 3270 dolo cram light
3270 3280 dolo light brown
3280 3290 dolo light brown
3290 3300 dolo cream hard
3300 3310 dolo cream light
3310 3320 dolo cream light
3320 3330 dolo light
3330 3340 dolo light gray
3340 3350 dolo light gray
3350 3360 dolo light gray hard
3360 3370 dolo light gray hard
3370 3380 dolo light gray hard
3380 3390 dolo light gray
3390 3400 dolo light gray
3400 3410 dolo light gray
3410 3420 dolo light gray
3420 3430 dolo light gray hard
3430 3440 dolo light gray
3440 3450 dolo light gray
3450 3460 dolo light
3460 3479 dolo cream light
gray some dense hard crypto xln
3479 Precambrian
3500 3520 cong volcanic
sourced reddish brown dark
3520 3540 cong reddish brown
maroon iron stng hemotitic w/
3540 3550 cong reddish brown

Primary Rock Lithology

- Shale
- Sand, Sandstone
- Chert
- Limestone
- Dolomite
- Quartz
- Olivine

Secondary Rock Lithology

- Clayey, Argillaceous, clay
- Shaly, shale
- Silty, Silt
- Sandy, sand
- Cherty, chert
- Carbonaceous, Carbonized
- Pyritic, pyrite
- oolitic
- Calcareous
- Dolomitic

Fossils

- Fresh Water
- Brackish Water
- Marine
- Few
- Many
- Broken
- Trace Fossils

Porosity Type

- Intergranular
- Intercrystalline
- Mouldic
- Fracture
- Vuggy
- Pinpoint
- Oolitic