

## CAMBRIAN AND LOWER ORDOVICIAN ROCKS IN OHIO

2710 - 2760	brown, microcrystalline; in large part pelletal (very fine-grained, grain-supported) Dolomite as above, minor. Dolomite, light- to medium-brown, microcrystalline to finely crystalline	3300 - 3310	dolomitic Sandstone as above. Sandstone, light-brown and pinkish-brown, very fine- and fine-grained
2760 - 2770	Sandstone, light-brownish-gray, very fine- and fine-grained, dolomitic. KERBEL FORMATION at 2760 feet	3310 - 3320	As above. Dolomite, medium-brown, microcrystalline, pelletal and oolitic (fine-grained, grain-supported), sandy (very fine- and fine-grained sand); minor
2770 - 2790	Dolomite, very light- and light-brown, microcrystalline, sandy to very sandy (very fine- and fine-grained sand). Dolomite, very light-brownish-gray, microcrystalline; trace	3320 - 3380	Sandstone, very light-grayish-brown to light-pinkish-yellow, very fine- and fine-grained; few scattered medium and coarse grains. Dolomite, light-gray and medium-brown, pelletal, oolitic, sandy; minor. MT. SIMON SANDSTONE at 3320 feet
2790 - 2800	Sandstone as in sample from 2760 to 2770 feet, very light brownish gray to grayish brown, very dolomitic	3380 - 3400	Dolomite, pinkish-yellow, light-gray and grayish-brown, fine- and medium-grained (predominantly medium); glauconitic and argillaceous; trace to heavy trace
2800 - 2810	Sandstone as above, dolomitic. Sand, very fine- to coarse-grained (predominantly very fine and fine)	3400 - 3410	No samples
2810 - 2850	Sandstone as above, very fine-grained. Shale, medium-gray; in streaks. EAU CLAIRE FORMATION at 2810 feet	3410 - 3420	Sandstone as above, predominantly fine grained. Dolomite as above, trace
2850 - 2890	Sandstone as above. Siltstone, light- and medium-grayish-brown, dolomitic. Shale as above. Dolomite, light- and medium-brown, microcrystalline, silty, sandy	3420 - 3460	Sandstone, pinkish-yellow, light-gray and brownish-gray, fine- to coarse-grained (predominantly fine). Dolomite as above, trace
2890 - 2940	As above, slightly glauconitic	3460 - 3470	Sandstone as above, predominantly pinkish yellow
2940 - 2980	Shale, dark-gray, silty. Siltstone and very fine-grained sandstone, light- and medium-grayish-brown and medium-brown; dolomitic in part	3470 - 3490	Sandstone as above, scattered coarse grains, rounded and frosted
2980 - 2990	As above. Dolomite, very light-gray to light-brown, microcrystalline and very finely crystalline, silty. ROME tongue at 2985 feet	3490 - 3570	Sandstone as above. Sand, very coarse-grained, rounded and frosted
2990 - 3010	Dolomite as above, glauconitic; fine and medium grained in part. Siltstone, very light-grayish-brown, dolomitic, glauconitic; shale partings	3570 - 3620	Conglomeratic sand
3010 - 3020	Dolomite as above, minor. Siltstone, pinkish-brown, very light- to medium-grayish-brown, slightly glauconitic. Shale, medium-gray, silty; minor	3620 - 3644	Diorite. PRECAMBRIAN at 3620 feet TD 3644 feet
3020 - 3050	Siltstone as above. Shale as above, heavy trace		
3050 - 3080	Sandstone, light-brown, very fine-grained, dolomitic		
3080 - 3100	Sandstone as above. Shale, dark-greenish-gray, micaceous; trace		
3100 - 3110	As above. Dolomite, light-brown, microcrystalline; very silty and sandy (very fine- and fine-grained sand) in part; minor		
3110 - 3140	As above, sandstone in part glauconitic		
3140 - 3190	Sandstone, light-brownish-gray, gray, pinkish-yellow, very fine-grained, glauconitic. Shale, medium- and dark-gray, very silty, micaceous; minor		
3190 - 3200	As above, scattered medium- and coarse-grained sand in sandstone		
3200 - 3220	Sandstone as in sample from 3140 to 3190 feet		
3220 - 3230	Sandstone as above. Dolomite, light-yellowish-gray, microcrystalline (dolomicrite); very sandy (very fine- and fine-grained sand) in part; minor		
3230 - 3250	Dolomite as above, in part grading into very fine- to medium-grained sandstone. Sandstone as in sample from 3140 to 3190 feet; minor. Shale, dark-gray, trace		
3250 - 3270	Sandstone as above, light yellowish gray, very fine to coarse grained (predominantly medium), very dolomitic in part		
3270 - 3280	Sandstone as above, predominantly fine grained		
3280 - 3290	Sandstone, very light-brownish-gray, very fine- and fine-grained, dolomitic		
3290 - 3300	Shale, dark-brown, silty; minor. Sandstone, medium- to dark-brown, very fine-grained,		
		Clermont County	Continental Oil Co. #1
		Stonelick Township	Wikoff
		VMSL 681	Permit No. 3
			Sample No. 939
			Elevation (KB) 817 feet
		Depth (ft)	
		1050 - 1100	Limestone, very light-brown and gray, lithographic (dolomicrite). Shale, medium-gray, calcareous(?); trace. Very fine sample
		1100 - 1150	Limestone as above, part of limestone containing patches of crystalline dolomite; ostracod in sample from 1140 to 1150 feet
		1150 - 1160	Limestone as above. Shale, medium-gray, calcareous; trace
		1160 - 1168	Limestone as above. Shale as above, minor. Dolomite, very light-greenish-gray, microcrystalline (dolosilrite), silty. Shale, bentonitic; trace
		1168 - 1170	As above. Shale, medium-grayish-green; trace
		1170 - 1180	Limestone as above. Shale, medium-grayish-green; minor. Dolomite as above, trace
		1180 - 1185	As above. Shale, bentonitic; trace
		1185 - 1195	Limestone, very light- to medium-brown, lithographic and sublithographic, fossiliferous; dolomitic in part. Shale, medium-grayish-green; minor. Shale, bentonitic; trace. Dolomite, very light-brown, micrograined, silty; subequal to minor
		1195 - 1205	Dolomite as above. Shale as above, minor
		1205 - 1210	Dolomite, very light-brownish-gray to very light-brown, micrograined, silty
		1210 - 1215	Dolomite as above. Shale, medium- and dark-greenish-gray and grayish-green; minor
		1215 - 1220	As above. Shale, slightly sandy (rounded fine-grained sand)
		1220 - 1230	As above. Sandstone, colorless, very fine- and fine-grained, siliceous; much bentonitic shale; sand grains in large part angular through secondary crystallization; few frosted and rounded grains; minor to heavy trace
		1230 - 1235	As above. Dolomite, very light-brown, micro-

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	crystalline (dolosiltite); trace. KNOX DOLOMITE at 1220 feet (GRN)				brown, microcrystalline (dolosiltite) to coarsely crystalline
1235 - 1260	Dolomite as above, slightly sandy in part (fine-grained sand) to 1240 feet	1580 - 1585			Dolomite as above. Chert as above, trace
1260 - 1265	Dolomite as above. Dolomite, very light-gray; in part dolomicrite	1585 - 1605			Dolomite as above, predominantly very finely and finely crystalline; sucrosic to 1595 feet
1265 - 1270	Misplaced sample	1605 - 1615			Dolomite as above, silty in part. Chert, white; trace
1270 - 1295	Dolomite, very light-brown, microcrystalline (dolosiltite)	1615 - 1620			Dolomite, very light-yellowish-brown to light-grayish-brown, microcrystalline (dolomicrite) and very finely and finely crystalline, very slightly sandy (fine-grained sand). Chert, white; trace
1295 - 1305	Dolomite as above, slightly silty				
1305 - 1310	Dolomite as above. Chert, white; heavy trace				
1310 - 1315	Dolomite, light-brown, very finely crystalline				
1315 - 1330	Dolomite as above. Dolomite, very light- and light-brown, microcrystalline (dolosiltite)	1620 - 1630			Dolomite, very light- and light-brown, finely crystalline, cherty to siliceous, very slightly sandy. Chert, white to light-yellowish-brown; oolitic in part; recrystallized in part; containing calcite or dolomite molds; minor
1330 - 1345	As above. Chert, white; trace	1630 - 1640			Dolomite, light-brown, very finely and finely crystalline. Chert as above, trace
1345 - 1355	Dolomite, very light-brown and gray, microcrystalline (dolomicrite and dolosiltite). Chert, white; trace	1640 - 1655			Dolomite as above. Dolomite, light-brown, microcrystalline (dolosiltite); probably pelletal; pinpoint porosity. Chert as above, trace
1355 - 1365	Dolomite as above	1655 - 1670			Dolomite, pelletal(?) as above to 1660 feet. Dolomite, light-yellowish-brown and light-brown, microcrystalline (dolomicrite) to finely crystalline
1365 - 1385	Dolomite as above. Chert, white; trace	1670 - 1675			Dolomite, light- to medium-brown, microcrystalline (dolosiltite) and very finely crystalline; sucrosic in part; pelletal and/or oolitic in part (medium-grained); slightly sandy (very fine-grained sand)
1385 - 1390	Dolomite, very light-yellowish-brown, microcrystalline (dolomicrite). Dolomite, very light-brown and gray, microcrystalline (microsucrosic dolosiltite); matrix in part replaced partially or completely with chert	1675 - 1680			As above, with good pinpoint porosity
1390 - 1395	Dolomite, light-brown and very light-gray, very finely crystalline, sucrosic; varying amounts of chert in matrix	1680 - 1690			Dolomite as above. Dolomite, very light-yellowish-brown, microcrystalline (dolosiltite); minor
1395 - 1400	Dolomite as above, in part microcrystalline (microsucrosic dolosiltite). Chert, white; heavy trace	1690 - 1695			Dolomite, very light-grayish-brown to yellowish-brown, microcrystalline (dolosiltite)
1400 - 1430	Dolomite as above. Chert, white; trace	1695 - 1700			Dolomite, light-yellowish-brown, very finely crystalline; pelletal and/or oolitic as sample from 1670 to 1675 feet; some sand nuclei visible; oolites or pellets dissolved in part and dolomite subsequently recrystallized to become porous with sucrosic voids. Chert, white and medium-brown, oolitic (and zoned pelletal, medium- and coarse-grained); minor
1430 - 1435	Dolomite, very light- and light-brown, very finely crystalline, sucrosic. Sand, fine- and medium-grained, rounded; trace	1700 - 1705			Dolomite as above. Dolomite as in sample from 1690 to 1695 feet. Chert as above, trace
1435 - 1440	Dolomite as above, microcrystalline (dolosiltite) in part	1705 - 1710			Dolomite as above, pelletal and/or oolitic, good pinpoint porosity
1440 - 1455	Dolomite as above, very sandy in part (very fine- to medium-grained sand)	1710 - 1715			Dolomite, light-yellowish-gray to light-yellowish-brown, microcrystalline (dolomicrite and dolosiltite), sandy to very sandy (fine- to coarse-grained, rounded), oolitic (sand grain nuclei)
1455 - 1475	Dolomite, very light- and light-brown and yellowish-brown, microcrystalline (dolosiltite); some medium-grained sand to 1460 feet	1715 - 1720			As above, very slightly sandy
1475 - 1485	Dolomite, very light- and light-brown to yellowish-brown, microcrystalline (dolomicrite and dolosiltite). Chert, white, oolitic and colorless, recrystallized; trace. Sand, fine- and medium-grained; trace	1720 - 1725			Dolomite, light-brown, microcrystalline (dolosiltite)
1485 - 1500	Dolomite as above. Quartz (recrystallized chert), trace. Dolomite crystals, heavy trace	1725 - 1730			Dolomite as above. Dolomite, light-yellowish-brown; pelletal(?) in part. Chert, very light-brown; trace
1500 - 1515	Dolomite, very light-yellowish-brown to yellowish-gray, microcrystalline (dolosiltite). Pyrite, trace	1730 - 1735			Dolosiltite as above, with scattered oolites. Dolomite, white, microcrystalline (dolomicrite). Chert, white- to very light-brown, oolitic (medium-grained); heavy trace
1515 - 1530	Dolomite, very light-yellowish-brown, microcrystalline (dolosiltite); cherty to siliceous in part, with chert oolites. Chert, white, oolitic; botryoidal in part; heavy trace	1735 - 1740			Dolomite, very light-grayish-brown, microcrystalline (dolosiltite), very silty
1530 - 1540	Dolomite, very light-gray and yellowish-brown, microcrystalline to coarsely crystalline, slightly glauconitic, sandy to very sandy (very fine- to medium-grained sand). Siltstone, very light-brown, dolomitic, glauconitic; trace	1740 - 1746			Dolomite, light-yellowish-brown, microcrystalline (dolomicrite), pelletal. Chert, white- to very light-yellowish-brown, oolitic.
1540 - 1545	Dolomite as above, nonsandy	1746 - 1755			Dolomite, light-brown to yellowish-brown, microcrystalline (dolosiltite); core chips
1545 - 1550	Dolomite as above. Dolomite, very light- and light-brown, medium- and coarsely crystalline; vuggy porosity; trace	1755 - 1765			Dolomite, very light-yellowish-brown, microcrystalline (dolomicrite)
1550 - 1565	As above, mostly medium and coarsely crystalline, pink in part, slightly sandy in part (fine- and medium-grained sand)	1765 - 1775			Dolomite as above. Dolomite, light- to medium-brown, microcrystalline (dolosiltite), pelletal
1565 - 1570	Dolomite as above. Dolomite, light-brown to grayish-brown, microcrystalline (dolosiltite), silty; trace				
1570 - 1575	As in sample from 1550 to 1565 feet				
1575 - 1580	Chert, white and light-gray; heavy trace. Dolomite, very light-yellowish-brown to light-				

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	or oolitic (medium-grained); minor				in part
1775 - 1785	Dolomite, white- to very light-grayish-brown and yellowish-brown, microcrystalline (dolosiltite). Chert, white; trace	2130 - 2145	Dolomite, light-brown, microcrystalline (dolosiltite)		
1785 - 1790	Dolomite as above. Dolomite, light-yellowish-brown to brown. Chert, white, pelletal (ovoid in part); trace	2145 - 2150	Dolomite, white, microcrystalline (dolosiltite)		
1790 - 1805	Dolomite as above	2150 - 2160	Dolomite as above. Dolomite, white, coarsely crystalline; trace		
1805 - 1825	Dolomite as above, good pinpoint porosity in part; sucrosic in part; probably pelletal and/or oolitic	2160 - 2165	Dolomite, light-brown, microcrystalline (dolosiltite)		
1825 - 1840	Dolomite as above. Chert, white; recrystallized in part; trace	2165 - 2170	Dolomite as above. Dolomite, light-brown, very finely and finely crystalline		
1840 - 1850	Dolomite, light-yellowish-brown, microcrystalline (dolosiltite)	2170 - 2175	Dolomite, very light-brown and yellowish-brown, microcrystalline (dolomicrite). Dolomite as above, minor		
1850 - 1855	Dolomite as above, light-yellowish-gray to light-yellowish-brown	2175 - 2180	Dolomite, light-brown, microcrystalline (dolomicrite). Dolomite, white, coarsely crystalline, slightly glauconitic; trace		
1855 - 1870	Dolomite as above, very finely crystalline in part	2180 - 2185	Dolomite, white, finely and medium-crystalline. Dolomite, very light-brown, microcrystalline (dolomicrite). Sand, medium- and coarse-grained, angular to rounded; heavy trace. Igneous and metamorphic rock fragments and pink chert; trace (overburden?)		
1870 - 1880	Dolomite as above, very finely crystalline	2185 - 2190	Dolomite, white, as above; recrystallized and with vuggy porosity in part		
1880 - 1885	Dolomite as above, very finely to medium crystalline	2190 - 2195	Dolomite, white and very light-pinkish-brown, microcrystalline (dolomicrite)		
1885 - 1895	Dolomite, light-yellowish-gray to light-brown, microcrystalline (dolosiltite) to very finely crystalline	2195 - 2200	Dolomite, very light-grayish-brown to light-brown, microcrystalline (dolomicrite)		
1895 - 1905	Dolomite as above, microcrystalline to coarsely crystalline	2200 - 2205	Dolomite, light-grayish-brown, microcrystalline (dolosiltite)		
1905 - 1910	Dolomite as above, microcrystalline to finely crystalline	2205 - 2215	Dolomite as above, minor. Dolomite, white and very light-brownish-gray, finely and medium-crystalline, silty, slightly glauconitic		
1910 - 1915	Dolomite, light-brown, microcrystalline (predominantly dolomicrite). Chert, white; trace	2215 - 2225	Dolomite, light-brown, finely and medium-crystalline		
1915 - 1920	Dolomite, very light-brown to light-grayish-brown and brown, microcrystalline (dolomicrite) and very finely crystalline	2225 - 2235	Dolomite as above, microcrystalline (dolosiltite) in part, fair vuggy porosity in sample from 2230 to 2235 feet		
1920 - 1935	Dolomite as above, microcrystalline to medium crystalline; some vuggy porosity	2235 - 2240	Dolomite as above. Dolomite, light-gray, microcrystalline (dolomicrite); trace		
1935 - 1950	Dolomite as above, microcrystalline to finely crystalline; pinpoint porosity	2240 - 2250	Dolomite as in sample from 2215 to 2225 feet		
1950 - 1960	Dolomite, very light-yellowish-brown to light-brown, microcrystalline (dolosiltite) to medium-crystalline; some vuggy and pinpoint porosity	2250 - 2255	Dolomite, light-brown to yellowish-brown, microcrystalline (dolosiltite)		
1960 - 1970	Dolomite, very light- to medium-brown, microcrystalline to very finely crystalline	2255 - 2280	Dolomite as in sample from 2215 to 2225 feet, becoming very light yellowish brown in part at 2265 feet		
1970 - 1975	Dolomite, very light-yellowish-brown, microcrystalline (dolomicrite)	2280 - 2305	Dolomite as above, in part microcrystalline (dolosiltite)		
1975 - 1990	Dolomite, light-brown, very finely crystalline. Dolomite as above	2305 - 2310	Dolomite, light-yellowish-gray to light-yellowish-brown and brown, microcrystalline (dolosiltite) to medium-crystalline; recrystallized in part		
1990 - 2000	Dolomite, light- to medium-brown, microcrystalline (dolosiltite)	2310 - 2315	Dolomite, light-yellowish-gray to very light-yellowish-brown, microcrystalline and very finely crystalline (matrix dolosiltite with scattered very fine crystals)		
2000 - 2025	Dolomite as above. Dolomite, light-yellowish-gray, microcrystalline (dolomicrite)	2315 - 2330	Dolomite as above, finely and medium crystalline in part		
2025 - 2030	Dolomite, light- to medium-brown, microcrystalline (dolosiltite)	2330 - 2345	Dolomite as above, predominantly finely and medium crystalline. Dolomite, very light-gray to greenish-gray, medium-crystalline, slightly glauconitic; trace		
2030 - 2055	Dolomite as in sample from 2000 to 2025 feet	2345 - 2355	As above, dolomicrite through microcrystalline		
2055 - 2060	Dolomite as above. Dolomite, medium- to dark-brown, microcrystalline (dolosiltite), silty, pyritic, micaceous; heavy trace	2355 - 2375	Dolomite, very light-yellowish-brown, microcrystalline (dolomicrite and dolosiltite)		
2060 - 2065	Dolomite as in sample from 2000 to 2025 feet	2375 - 2385	As above, in part recrystallized		
2065 - 2070	Dolomite, light-brown, microcrystalline (dolosiltite) and very finely crystalline. Chert, white; trace	2385 - 2390	As above. Pyrite, trace		
2070 - 2080	Dolomite, light- to medium-brown, very finely crystalline. Dolomite, light-yellowish-gray, microcrystalline (dolosiltite)	2390 - 2395	Dolomite as above. Pyrite, trace. Dolomite, medium-brown, finely crystalline, trace		
2080 - 2085	Dolomite, light-brown, microcrystalline (dolosiltite). Chert, white; trace	2395 - 2400	Dolomite, white, microcrystalline (dolomicrite and dolosiltite), very slightly glauconitic; pinpoint and vuggy porosity		
2085 - 2090	Dolomite as above, very finely crystalline in part	2400 - 2405	Dolomite, light-yellowish-gray, light-brown and grayish-brown, microcrystalline (dolomicrite and dolosiltite), slightly silty; dis-		
2090 - 2095	Dolomite, white- to very light-gray, very finely and finely crystalline, sucrosic; pinpoint and vuggy porosity				
2095 - 2110	Dolomite as above, microcrystalline (dolosiltite) in part; vuggy porosity; trace				
2110 - 2130	Dolomite as above, very light yellowish brown				

	seminated very fine pyrite. Dolomite, medium-brown, microcrystalline (dolosiltite), silty; a few pellets or oolites; trace	2570 - 2575	As above. Siltstone, light-brown, calcareous; heavy trace
2405 - 2410	Dolomite, very light-yellowish-brown to medium-brown, microcrystalline (dolosiltite) to medium-crystalline, slightly silty. Dolomite, light-brownish-gray, microcrystalline (dolosiltite); minor	2575 - 2585 2585 - 2605 2605 - 2610	Limestone as above No samples Siltstone, light-yellowish-brown, glauconitic, micaceous, slightly calcareous or dolomitic. Shale, dark-gray, micaceous; minor. EAU CLAIRE FORMATION at 2584 feet (GRN)
2410 - 2415	As above. Siltstone, light-gray and dark-brown, laminated, slightly glauconitic; trace	2610 - 2635	Siltstone as above, very slightly glauconitic. Shale as above, streaks
2415 - 2420	Dolomite as above, pinpoint porosity in medium-brown dolomite	2635 - 2665	As above, shale in part dark reddish brown. Dolomite, light-brown, microcrystalline (dolosiltite); trace to 2640 feet
2420 - 2425	Dolomite as above. Siltstone, dark-brown; trace	2665 - 2675	Siltstone, light-brown and yellowish-brown to very light-grayish-brown, fossiliferous, micaceous
2425 - 2435	Dolomite, medium- to dark-brown, microcrystalline (dolosiltite), silty	2675 - 2695	Siltstone as above. Shale, dark-gray; micaceous in part. Limestone, light-gray and brown, micrograined (dolomicrite and calcisiltite), silty; micaceous in part
2435 - 2455	Dolomite as above, with a few oolites and pellets to 2440 feet; pellets with dark-gray matrix with much disseminated silt-sized pyrite	2695 - 2715	As above, predominantly limestone, in part fossiliferous
2455 - 2460	Dolomite, medium- and dark-brown, microcrystalline (dolosiltite), silty. Dolomite, medium-brown, microcrystalline (dolosiltite); excellent pinpoint porosity. Shale, very dark-gray; as partings in dolomite; trace	2715 - 2720	Shale, medium-gray. Limestone, light-brown and gray and brownish-gray, micrograined (dolomicrite and calcisiltite); silty in part. Dolomite, light-brown to light-yellowish-gray, very finely crystalline; trace
2460 - 2470	Dolomite, medium- to dark-brown, as above	2720 - 2725	No samples
2470 - 2480	Dolomite as above, light brown	2725 - 2730	As above, limestone micaceous in part
2480 - 2500	Dolomite as above. Dolomite, very light-gray, microcrystalline (dolosiltite), oolitic (fine- and medium-grained dark-brown oolites, ovoid in part); pinpoint porosity	2730 - 2735	Limestone as above. Siltstone, medium-brown, argillaceous, micaceous; minor
2500 - 2505	Dolomite, medium- to dark-brown, microcrystalline (dolosiltite), silty. Dolomite, very light-gray, microcrystalline (dolomicrite and dolosiltite), slightly silty; patches and elongated areas of very finely crystalline dolomite (fossils?); dolomite oolites (may be pellets in part) as above	2735 - 2740 2740 - 2750	No samples Limestone as above, very dolomitic and very silty. Siltstone as above. Shale, medium-gray
2505 - 2510	Dolomite, fossiliferous? as above; trace. Dolomite, very light- and light-brown, microcrystalline (dolosiltite), silty	2750 - 2775	Siltstone, light- and medium-gray, light-brown, slightly glauconitic, micaceous; calcareous in part. Shale, medium-gray and brownish-gray; minor. Limestone as above, trace
2510 - 2520	Dolomite (dolosiltite) as above. Limestone, light- and medium-brown, micrograined (dolomicrite). Dolomite, fossiliferous? as above, trace. Shale, dark-grayish-brown, dolomitic, silty; trace	2775 - 2785	As above, siltstone in part sandy (very fine-grained sand)
2520 - 2525	Dolomite, medium- to dark-brown, microcrystalline (dolosiltite), silty, argillaceous; minor. Limestone, very light- to medium-brown, dolomicrite to bioclastic or fossiliferous; oolitic (medium-grained, radial structure) in part	2785 - 2800	Siltstone, light-pinkish-brown to light-brown and grayish-brown, slightly micaceous, slightly dolomitic. Shale as above, micaceous; trace
2525 - 2540	Limestone as above. Shale, dark-gray and brown; oolites (and pellets?); minor	2800 - 2815	Siltstone as above, in part pinkish red; slightly glauconitic. Shale, medium-gray and reddish-brown, micaceous; trace to heavy trace
2540 - 2545	Limestone as above, trace. Dolomite, white to very light-yellowish-brown, very finely and finely crystalline; fossiliferous? as in sample from 2500 to 2505 feet	2815 - 2890	As above. Dolomite as in sample from 2500 to 2505 feet, glauconitic; trace
2545 - 2550	Dolomite as above. Limestone, light-brown, micrograined (dolomicrite and calcisiltite)	2890 - 2910	Siltstone, pinkish-yellow and pinkish-brown, micaceous, slightly glauconitic. Shale, reddish-brown and medium-gray, silty, micaceous; trace
2550 - 2555	Dolomite, very light-gray and brown, microcrystalline (dolosiltite), silty. Limestone as above, several chips showing the sharp contact between dolomite and limestone; limestone containing very fine euhedral dolomite crystals which project, with sharp boundaries, into dolomite matrix	2910 - 2915 2915 - 2925	Siltstone as above. Shale as above Siltstone as above. Shale as above. Dolomite, very light-brown, microcrystalline (dolosiltite). Dolomite, white, medium-crystalline
2555 - 2560	Siltstone, medium-brown, glauconitic, slightly dolomitic; shaly partings; trace. Limestone, very light- to medium-brown, micrograined, coarsely bioclastic; oolitic in part (both mud- and grain-supported medium- and coarse-grained oolites). Shale, medium-gray; minor	2925 - 2945 2945 - 3005	Siltstone as above. Shale as above, minor. Dolomite as above, trace Siltstone, pinkish-yellow and pinkish-brown, micaceous, glauconitic. Shale, medium-gray to greenish-gray; minor. Dolomite as above, in streaks
2560 - 2570	Limestone as above. Shale, medium- and dark-gray; minor	3005 - 3010 3010 - 3020 3020 - 3030 3030 - 3040 3040 - 3045	Siltstone as above. Shale as above, minor. Sandstone, fine- and medium-grained; grains subangular and subrounded; trace Siltstone and shale as above. Sand, fine- to coarse-grained, subrounded and rounded; trace. Sandstone as above, trace Sandstone, pinkish-yellow, very fine- and fine-grained; in small part poorly sorted, fine- to coarse-grained, siliceous. Shale, medium-gray; minor Sandstone as above Sandstone, light- and medium-gray, pinkish-

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	yellow, very fine- and fine-grained, silty, siliceous; argillaceous in part; glauconitic in part. Shale, medium-gray	1730 - 1740	brown, microsugrosic Limestone, very light-brown, lithographic. Shale, very light-green; trace
3045 - 3050	Sandstone, pinkish-yellow, very fine- and fine-grained, silty, siliceous. Shale as above, minor	1740 - 1750	Limestone, light-brown, lithographic. Shale, light- and medium-green, dolomitic; minor
3050 - 3055	Sandstone as above, pink in part; glauconitic to very glauconitic. Shale as above	1750 - 1760	Limestone as above. Shale, light-green, dolomitic; heavy trace
3055 - 3070	Siltstone, pinkish-yellow and light- and medium-gray, glauconitic, siliceous, fossiliferous (brachiopod); argillaceous in part. Shale, medium-gray; minor. Sand, fine- to coarse-grained; floating in siltstone; trace	1760 - 1770	Shale, dark-green, dolomitic. Dolomite, very light-brown to brownish-gray, very slightly sugrosic. Wells Creek Dolomite
3070 - 3075	Sandstone, pinkish-yellow and light- and medium-gray, very fine- and fine-grained, silty, siliceous; some medium-grained sand; glauconitic in part; argillaceous in part. Shale, medium-gray; minor	1770 - 1790	Sandstone, very light-brown, very fine-grained, very dolomitic. Dolomite as above, minor
3075 - 3090	Sandstone, pinkish-yellow, very fine- and fine-grained, slightly glauconitic, silty; a few medium-sized sand grains	1790 - 1800	Dolomite, very light-brown, microcrystalline to very finely sugrosic. KNOX DOLOMITE at 1790 feet
3090 - 3100	As above. Shale, medium-gray; trace	1800 - 1810	Dolomite, very light-gray and brown, microcrystalline and very finely sugrosic; very slightly glauconitic in part. Sand, fine- and medium-grained, subrounded to rounded and frosted; heavy trace
3100 - 3110	Sandstone as above. Siltstone, pinkish-gray, slightly glauconitic. Sand, fine- and medium-grained, subrounded. Dolomite, very light-gray, microcrystalline (dolomiticite), oolitic (fine- to coarse-grained, sand-centered); trace	1810 - 1820	Dolomite, very light-gray, microcrystalline (finely sugrosic in part)
3110 - 3115	Sand, medium-grained, subrounded and rounded	1820 - 1830	Dolomite, very light-brownish-gray, microcrystalline (dolosiltite), microsugrosic. Chert, very light-gray; trace. Shale, dark-green, pyritic; trace
3115 - 3120	Sandstone, pink, very fine-grained	1830 - 1840	Dolomite, very light-brown, microcrystalline. Chert, very light-gray, sandy (fine-grained sand). Shale, light-green, dolomitic. Sand as in sample from 1800 to 1810 feet, heavy trace
3120 - 3125	Sandstone as above, slightly glauconitic. Siltstone, pinkish-gray. Shale, medium-gray; minor	1840 - 1850	Dolomite, very light-brown, microcrystalline (dolosiltite), microsugrosic. Sand as above, trace
3125 - 3130	As above. Sand, fine- to coarse-grained, subangular to rounded; heavy trace	1850 - 1860	Dolomite as in sample from 1830 to 1840 feet. Chert as in sample from 1830 to 1840 feet, minor. Shale and sand as above, trace
3130 - 3135	As above; more than half of sample poorly sorted colorless sand and sandstone	1860 - 1870	Dolomite, light-gray and brown, microcrystalline. Shale cavings
3135 - 3140	Sand, colorless to pink, coarse- to very coarse-grained, rounded, frosted. MT. SIMON SANDSTONE at 3135 feet	1870 - 1880	No samples
3140 - 3145	Sand as above, fine and medium (minor) and coarse to very coarse grained	1880 - 1920	Dolomite as above, microcrystalline to medium crystalline. Cavings
3145 - 3180	Sand, medium- to very coarse-grained, rounded, frosted	1920 - 1970	Dolomite, very light-gray to light-brown, microcrystalline to medium crystalline (predominantly microcrystalline). Shale cavings
3180 - 3194	Sand as above. Sandstone, white to red and colorless, fine- and medium-grained, siliceous	1970 - 2010	Dolomite as above. Chert, white, pelletal (fine- and medium-grained) and medium-brown pelletal (silicified dolomite); heavy trace
3194 - 3220	As above, sandstone fine to coarse grained	2010 - 2060	Cavings
3220 - 3255	Sand, coarse- and very coarse-grained, rounded, frosted; broken(?) in part	2060 - 2070	Dolomite, very light-brown, microcrystalline (dolosiltite), in large part pelletal (fine- and medium-grained, grain-supported in part)
3255 - 3260	As above. Siltstone, very light-brownish-gray; minor. Shale, red, silty; heavy trace	2070 - 2100	Dolomite, very light-gray to light-brown, microcrystalline (dolosiltite). Chert, white; trace to heavy trace
3260 - 3295	Sand as above. Shale as above, trace. Sandstone, white, fine- and medium-grained, siliceous	2100 - 2140	Dolomite as above, light brown
3295 - 3300	As above, sandstone conglomeratic	2140 - 2160	Cavings
3300 - 3310	As above. Shale as above, to 3305 feet; minor	2160 - 2170	Dolomite, light-brown, microcrystalline (dolosiltite); fine- and medium-grained in part, grains may be scattered pellets
3310 - 3330	As above. "Granite wash"?, heavy trace	2170 - 2190	Dolomite as above, microcrystalline and very finely crystalline
3330 - 3340	Rhyolite, red (red aphanitic rock; red may be stain)	2190 - 2240	Dolomite as above. Dolomite, very light-gray, microcrystalline (dolosiltite)
3340 - 3345	As above. Sandstone and siltstone (quartzite? in part)	2240 - 2250	Dolomite, light-brown, microcrystalline (dolosiltite) and very finely crystalline
3345 - 3435	Rhyolite, amygdaloidal. PRECAMBRIAN at 3435 feet TD 3435 feet	2250 - 2260	Dolomite as above. Dolomite, very light-gray, microcrystalline (dolosiltite); minor
		2260 - 2270	As above. Dolomite, light-brown; finely sugrosic in part; fair pinpoint porosity
		2270 - 2280	As above, a few pellets in light-brown dolomite
		2280 - 2290	Dolomite, very light- to medium-brown, very finely and finely crystalline
		2290 - 2310	Dolomite as above, microcrystalline to finely crystalline
Clinton County	Kewanee Oil Co. #1 McVey		
Wayne Township	Permit No. 7		
VMSL 808	Sample No. 837		
	Elevation (CM) 1087 feet		
Depth (ft)			
1700 - 1710	Limestone, very light- and light-brown, lithographic. Shale, light-green, dolomitic; trace		
1710 - 1720	Limestone as above		
1720 - 1730	Limestone as above. Dolomite, very light-		

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