



APPENDIX A - SAMPLE DESCRIPTIONS

	dolosiltite). Shale, very dark-brown, silty; trace		
2227 - 2252	Dolomite, very light-grayish-brown to medium-brown, microcrystalline (dolosiltite) and very finely crystalline, silty	2613 - 2622	lithographic, dolomitic, silty; 20% Shale as above, 50%. Limestone as above, 50%
2252 - 2270	Siltstone, light-grayish-brown, dolomitic, slightly sandy (very fine-grained sand), slightly glauconitic	2622 - 2631	Limestone as above, 50%. Shale, medium-brownish-gray, red, dark-brownish-red; very micaceous in part; 50%
2270 - 2289	Dolomite, light- to medium-brown, slightly grayish, finely crystalline, granular-looking, silty, very slightly glauconitic	2631 - 2640	As above, limestone in part fine grained
2289 - 2340	Dolomite as above, nonsilty, nonglauconitic	2640 - 2648	Siltstone, light-brown, very slightly micaceous and glauconitic; 80%. Shale as above, 20%. Limestone as above, trace
2340 - 2358	Dolomite as above, silty in part, becoming predominantly microcrystalline (dolomicrite) at 2352 feet	2648 - 2657	Siltstone, light grayish brown in part, grading into siltstone, 70%. Shale as above, 30%
2358 - 2376	Dolomite, light- and medium-brown, predominantly microcrystalline (dolomicrite and dolosiltite); rust stained to 2362 feet	2657 - 2675	Sandstone, light-brown, pinkish-brown, very fine-grained, siliceous, glauconitic, slightly micaceous. Shale, limestone, and dolomite as above, trace
2376 - 2386	Dolomite, very light- to medium-brown, microcrystalline (dolosiltite) and very finely crystalline	2675 - 2694	Sandstone as above
2386 - 2412	Dolomite, very light- to medium-brown, predominantly microcrystalline (dolomicrite and dolosiltite)	2694 - 2723	Sandstone as above, very glauconitic in part. Shale, reddish-brown; trace. Dolomite, light-gray, finely crystalline, glauconitic; trace
2412 - 2421	Dolomite, light- and medium-brown, microcrystalline (dolosiltite) and very finely crystalline, slightly silty	2723 - 2744	Sandstone as above, with laminations of very silty red and greenish-gray shale
2421 - 2435	Dolomite, light-grayish-brown, microcrystalline (dolosiltite), slightly glauconitic and micaceous; grading into siltstone	2744 - 2753	Sandstone as above. Limestone and dolomite, light-gray, finely crystalline, glauconitic, hematitic; trace
2435 - 2451	Siltstone and very fine-grained sandstone, very light- and light-grayish-brown, slightly dolomitic, glauconitic; argillaceous in part	2753 - 2802	As in sample from 2723 to 2744 feet
2451 - 2465	Siltstone as above	2802 - 2821	Sandstone, light-pinkish-brown, very fine-grained, glauconitic, slightly micaceous; 60%. Shale, dark-brownish-red, light- and medium-greenish-gray to gray, micaceous, very silty; 40%. Dolomite, light- and medium-gray, medium- and coarsely crystalline, glauconitic, sandy; trace
2465 - 2469	Dolomite, medium-brown, very finely and finely crystalline. Limestone, light-brown, lithographic; trace. Siltstone as above, trace. Chert, white; pinkish cast; trace	2821 - 2859	Sandstone as above. Sandstone, light- and medium-gray, very fine- and fine-grained, glauconitic; grading into dolomite. Shale as above, heavy trace. Dolomite, bioclastic; trace
2469 - 2479	Limestone, light-brown, lithographic, fossiliferous, dolomitic; grading into dolomite. Siltstone as above. Shale, medium- and dark-brown, silty	2859 - 2871	Sandstone, light- and medium-gray, greenish-gray, very fine- and fine-grained, very glauconitic; 60%. Shale, dark-red, medium-greenish-gray, very glauconitic, silty; 40%
2479 - 2489	Siltstone, light-brown, dolomitic; 90%. Limestone as above, micrograined in part, 10%. Shale, dark-grayish-brown; trace. Chert, white; trace	2871 - 2878	Sandstone as above, light pinkish brown in part, 70%. Shale as above, predominantly nonglauconitic, 30%
2489 - 2497	Dolomite, light-brown, microcrystalline to finely crystalline, "ribbed," fossiliferous or bioclastic, very slightly glauconitic. Siltstone or very fine-grained sandstone, light-pinkish-brown, siliceous, very slightly glauconitic. Shale, dark-grayish-brown; trace	2878 - 2889	As in sample from 2859 to 2871 feet, shale slightly sandy (very fine- and fine-grained sand)
2497 - 2509	Sandstone as above, 40%. Shale, dark-gray to greenish-gray; 30%. Limestone and dolomite as in sample from 2479 to 2497 feet, 30%. EAU CLAIRE FORMATION at 2504 feet (GRN)	2889 - 2910	Sandstone, light-pinkish-brown, glauconitic, light-gray, very fine- and fine-grained; much angular medium- and coarse-grained sand (broken in part). Shale as above, heavy trace
2509 - 2528	Shale, dark-gray; 50%. Siltstone, light-brown to pinkish-brown, micaceous, very slightly glauconitic; 50%. Limestone and dolomite as above, trace	2910 - 2921	Sandstone, very fine- to coarse-grained, glauconitic, very friable; broken in part
2528 - 2562	Siltstone as above and very fine-grained sandstone, 70%. Shale as above, 30%	2921 - 2942	Sandstone, predominantly fine- and medium-grained, glauconitic, very friable; broken grains. Shale, medium-gray, dark-brownish-red; trace
2562 - 2577	Siltstone as above, micaceous, 80%. Shale, red, greenish-gray, micaceous; 20%	2942 - 2975	Sandstone, very light-gray, light-pinkish-yellow, very fine- to medium-grained, slightly glauconitic, friable; some coarse-grained sand
2577 - 2585	Siltstone as above, in part grading into micaceous shale, 80%. Shale as above, 20%. Limestone, reddish-gray, bioclastic, hematitic; trace	2975 - 2995	Sandstone as above, nonglauconitic
2585 - 2594	Siltstone as above, 80%. Shale as above, red to brownish red, 20%	2995 - 3008	Sandstone as above, light gray and slightly glauconitic in part. Shale, medium-gray, silty; heavy trace
2594 - 2613	Shale, dark-brown, reddish-brown; very micaceous in part; 60%. Siltstone as above, 20%. Limestone, light-brownish-gray, very light-gray, light-grayish-brown, predominantly	3008 - 3020	Sand, very fine- to medium-grained, angular to rounded and frosted
		3020 - 3045	Sand as above, fine to coarse grained, coarse grains predominantly rounded and frosted. MT. SIMON SANDSTONE at 3008 feet
		3045 - 3060	Sand as above, predominantly medium grained
		3060 - 3068	Sand, fine- and medium-grained, angular to rounded and frosted
		3068 - 3095	Sand as above, fine to very coarse grained
		3095 - 3117	Sand as above, predominantly coarse grained
		3117 - 3126	Sand as above, predominantly medium and

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