

**Richard A. Heyman Wastewater Treatment Plant
City of Key West, Florida
Exploratory Well EW-1
Lithologic Description**

Date	Depth (ft. bpl)		Observer's Description
	From	To	
10/6/1999	0	10	Oolitic Limestone, white (N 9), medium sand grained, very low porosity, well consolidated
10/6/1999	10	20	Limestone, white (N 9), very fine sand to medium sand grained, low to moderate porosity, well consolidated
10/6/1999	20	30	Oolitic Limestone, white (N 9), medium sand grained, low porosity, well consolidated
10/6/1999	30	40	Same as above
10/6/1999	40	50	Skeletal Limestone (60%), white (N 9), medium sand to coarse sand grained, moderate to high porosity, well consolidated; recrystallized skeletal limestone (40%), light gray (N 7), medium sand to coarse sand grained, low porosity, well consolidated
10/6/1999	50	60	Same as above, increase recrystallized skeletal limestone to 70%
10/6/1999	60	70	Limestone, white (N 9), fine sand grained, high porosity, moderately consolidated
10/6/1999	70	80	Same as above, with recrystallized lime mudstone (50%), low porosity, well consolidated
10/6/1999	80	90	Limestone, white (N 9), fine sand grained, high porosity, moderately consolidated
10/6/1999	90	100	Same as above
10/6/1999	100	110	Same as above, except moderate porosity
10/7/1999	110	120	Limestone, white (N 9), fine sand grained, trace of phosphate, moderate porosity, moderately consolidated
10/7/1999	120	130	Same as above
10/7/1999	130	140	Same as above
10/7/1999	140	150	Same as above
10/7/1999	150	160	Same as above
10/7/1999	160	170	Same as above, except high porosity
10/7/1999	170	180	Limestone, yellowish gray (5 Y 8/1), medium sand to coarse sand grained, high porosity, trace of phosphate, poorly consolidated
10/7/1999	180	190	Same as above
10/7/1999	190	200	Same as above, with skeletal limestone (10%), white, medium sand to coarse sand grained, moderate porosity, moderately consolidated
10/7/1999	200	210	Limestone, yellowish gray (5 Y 8/1), medium sand to coarse sand grained, high porosity, trace of phosphate, poorly consolidated
10/7/1999	210	220	Limestone, pinkish gray (5 YR 8/1), fine sand to medium sand grained, high porosity, well consolidated
10/7/1999	220	230	Same as above
10/7/1999	230	240	Limestone, yellowish gray (5 Y 8/1), medium sand to coarse sand grained, high porosity, trace of phosphate, poorly consolidated
10/7/1999	240	250	Same as above
10/7/1999	250	260	Same as above
10/7/1999	260	270	Limestone, pinkish gray (5 YR 8/1), fine sand to medium sand grained, high porosity, well consolidated
10/7/1999	270	280	Same as above
10/7/1999	280	290	Same as above
10/7/1999	290	300	Same as above
10/22/1999	300	310	Same as above
10/22/1999	310	320	Same as above
10/22/1999	320	330	Same as above, except moderately consolidated
10/22/1999	330	340	Limestone, yellowish gray (5 Y 8/1), medium sand to coarse sand grained, high porosity, trace of phosphate, poorly consolidated
10/22/1999	340	350	Limestone (80%), yellowish gray (5 Y 8/1), fine sand to medium sand grained, high porosity, poor to moderately consolidated; calcareous sandstone (20%), yellowish gray (5 Y 8/1), medium to coarse sand grained, high porosity, trace of phosphate, poorly consolidated

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	From	To	
10/22/1999	350	360	Limestone, yellowish gray (5 Y 8/1), medium sand to coarse sand grained, high porosity, trace of phosphate, poorly consolidated
10/22/1999	360	370	Same as above
10/22/1999	370	380	Same as above
10/22/1999	380	390	Same as above
10/22/1999	390	400	Same as above
10/22/1999	400	410	Same as above
10/22/1999	410	420	Same as above
10/22/1999	420	430	Same as above
10/22/1999	430	440	Same as above
10/22/1999	440	450	Limestone, yellowish gray (5 Y 7/2), medium sand grained, moderate to high porosity, trace of phosphate and clay, poorly consolidated
10/22/1999	450	460	Same as above
10/22/1999	460	470	Same as above
10/22/1999	470	480	Same as above
10/22/1999	480	490	Same as above
10/22/1999	490	500	Same as above
10/23/1999	500	510	Same as above
10/23/1999	510	520	Same as above
10/23/1999	520	530	Limestone, yellowish gray (5 Y 7/2), medium sand grained, moderate to high porosity, trace of phosphate, about 5% clay, poorly consolidated
10/23/1999	530	540	Same as above
10/23/1999	540	550	Limestone, yellowish gray (5 Y 7/2), medium sand grained, high porosity, trace of phosphate, poorly consolidated
10/23/1999	550	560	Same as above
10/23/1999	560	570	Same as above
10/23/1999	570	580	Limestone, yellowish gray (5 Y 7/2), medium sand grained, high porosity, trace of phosphate, poorly consolidated
10/23/1999	580	590	Same as above
10/23/1999	590	600	Limestone, yellowish gray (5 Y 7/2), medium sand grained, high porosity, trace of phosphate and clay, poorly consolidated
10/23/1999	600	610	Limestone, yellowish gray (5 Y 7/2), fine sand grained, high porosity, trace of phosphate, poorly consolidated
10/23/1999	610	620	Same as above
10/23/1999	620	630	Same as above
10/23/1999	630	640	Same as above
10/23/1999	640	650	Same as above
10/23/1999	650	660	Same as above
10/23/1999	660	670	Same as above
10/23/1999	670	680	Same as above
10/23/1999	680	690	Same as above
10/23/1999	690	700	Limestone, yellowish gray (5 Y 7/2), fine sand grained, moderate porosity, slight trace of phosphate, poor to moderately consolidated
10/23/1999	700	710	Same as above
10/23/1999	710	720	Same as above
10/23/1999	720	730	Same as above
10/23/1999	730	740	Same as above
10/23/1999	740	750	Same as above
10/23/1999	750	760	Limestone, yellowish gray (5 Y 7/2), fine sand grained, moderate porosity, slight trace of phosphate, poor to moderately consolidated
10/23/1999	760	770	Limestone, yellowish gray (5 Y 7/2), fine sand grained, moderate porosity, slight trace of phosphate, poor to moderately consolidated
10/23/1999	770	780	Same as above
10/23/1999	780	790	Same as above
10/23/1999	790	800	Same as above

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Date	Depth (ft. bpl)		Observer's Description
	From	To	
10/23/1999	800	810	Same as above
10/23/1999	810	820	Same as above
10/23/1999	820	830	Same as above
10/23/1999	830	840	Same as above
10/23/1999	840	850	Limestone, pinkish gray (5 YR 8/1), fine sand to medium sand grained, moderate porosity, well consolidated
10/23/1999	850	860	Same as above
10/23/1999	860	870	Same as above
10/23/1999	870	880	Limestone, yellowish gray (5 Y 7/2), fine sand to medium sand grained, moderate porosity, trace of phosphate, poor to moderately consolidated
10/23/1999	880	890	Same as above
10/23/1999	890	900	Same as above
10/23/1999	900	910	Same as above
10/23/1999	910	920	Same as above
10/23/1999	920	930	Same as above
10/23/1999	930	940	Limestone, olive gray (5 Y 4/1), fine sand to coarse sand grained, 20% phosphate, poorly consolidated
10/23/1999	940	950	Same as above
10/23/1999	950	960	Same as above
10/23/1999	960	970	Limestone, olive gray (5 Y 4/1), fine sand grained, moderate porosity, 5% phosphate, poor to moderately consolidated
10/23/1999	970	980	Same as above
10/23/1999	980	990	Same as above
			Limestone, olive gray (5 Y 4/1), fine sand to coarse sand grained, moderate to high porosity, 15% phosphate, poor to moderately consolidated
10/23/1999	990	1000	Same as above
10/23/1999	1000	1010	Same as above
10/26/1999	1010	1020	Same as above
10/26/1999	1020	1030	Limestone, light olive gray (5 Y 5/2), fine sand grained, moderate porosity, trace of phosphate, poor to moderately consolidated
10/26/1999	1030	1040	Same as above
10/26/1999	1040	1050	Limestone, yellowish gray (5 Y 7/2), recrystallized, low porosity, slight trace of phosphate, well consolidated
10/26/1999	1050	1060	Limestone, yellowish gray (5 Y 8/1), fine sand grained, moderate porosity, trace of phosphate, poor to moderately consolidated
10/26/1999	1060	1070	Same as above
10/26/1999	1070	1080	Same as above
10/26/1999	1080	1090	Same as above
10/26/1999	1090	1100	Limestone, yellowish gray (5 Y 7/2), recrystallized, low porosity, well consolidated
10/26/1999	1100	1110	Limestone, yellowish gray (5 Y 8/1), fine sand grained, moderate porosity, trace of phosphate, poor to moderately consolidated
10/26/1999	1110	1120	Limestone (70%), yellowish gray (5 Y 8/1), fine sand grained, moderate porosity, trace of phosphate, poor to moderately consolidated; dolomite (30%), dark yellowish brown (10 YR 4/2), low porosity, well consolidated
10/26/1999	1120	1130	Same as above
10/26/1999	1130	1140	Same as above
10/26/1999	1140	1150	Limestone, yellowish gray (5 Y 8/1), fine sand grained, moderate porosity, trace of phosphate, poorly consolidated
10/26/1999	1150	1160	Same as above
10/26/1999	1160	1170	Same as above
10/26/1999	1170	1180	Limestone, yellowish gray (5 Y 7/2), recrystallized, low porosity, well consolidated
10/26/1999	1180	1190	Same as above

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	From	To	
10/26/1999	1190	1200	Limestone (90%), yellowish gray (5 Y 7/2), fine sand grained, low porosity, moderately consolidated; dolomite (10%), dark yellowish brown (10 YR 4/2), low porosity, well consolidated
10/26/1999	1200	1210	Same as above
11/18/1999	1210	1220	No sample
11/18/1999	1220	1230	No sample
11/18/1999	1230	1240	Limestone, very pale orange (10 YR 8/2), silt to fine sand grained with frequent larger sized shell fragments, moderate porosity, well consolidated
11/18/1999	1240	1250	Same as above, except moderate to high porosity
11/18/1999	1250	1260	Same as above
11/18/1999	1260	1270	Limestone, yellowish gray (5 Y 7/2), silt to very fine sand grained with abundant larger sized gastropod casts, frequent gastropod molds, moderate porosity, well consolidated
11/18/1999	1270	1280	Same as above
11/18/1999	1280	1290	Same as above
11/18/1999	1290	1300	Limestone, very pale orange (10 YR 8/2), skeletal fragments range in size from fine to coarse sand, sparry cement, frequent foraminifera, moderate porosity, poor to moderately consolidated
11/18/1999	1300	1310	Same as above, except poorly consolidated
11/18/1999	1310	1320	Limestone, very pale orange (10 YR 8/2), silt sized grains with occasional foraminifera and shell fragments, low to high porosity, poor to moderately consolidated
11/18/1999	1320	1330	Same as above
11/18/1999	1330	1340	Same as above
11/18/1999	1340	1350	Same as above
11/18/1999	1350	1360	Same as above
11/18/1999	1360	1370	Same as above
11/18/1999	1370	1380	Same as above
11/18/1999	1380	1390	Same as above
11/18/1999	1390	1400	Same as above
11/18/1999	1400	1410	Same as above
11/18/1999	1410	1420	Same as above
11/18/1999	1420	1430	Same as above, except moderately consolidated
11/18/1999	1430	1440	Micritic Limestone, very pale orange (10 YR 8/2), occasional shell fragment, low to moderate porosity, poor to moderately consolidated
11/18/1999	1440	1450	Same as above
11/18/1999	1450	1460	Same as above
11/18/1999	1460	1470	Same as above
11/18/1999	1470	1480	Limestone, yellowish gray (5 Y 7/2), fine to medium sand grained, frequent foraminifera, moderate porosity, poorly consolidated
11/18/1999	1480	1490	Same as above
11/18/1999	1490	1500	Limestone, very pale orange (10 YR 8/2), fine to medium sand grained, frequent foraminifera, moderate porosity, well consolidated
11/18/1999	1500	1510	Micritic Limestone, pinkish gray (5 YR 8/1), occasional fossil mold, low porosity, well consolidated
11/18/1999	1510	1520	Same as above
11/18/1999	1520	1530	Limestone, very pale orange (10 YR 8/2), fine to medium sand grained, abundant foraminifera, moderate porosity, poorly consolidated
11/18/1999	1530	1540	Same as above
11/18/1999	1540	1550	Limestone, very light gray (N 6), fine to medium sand grained, frequent foraminifera, moderate porosity, poorly consolidated
11/18/1999	1550	1560	Same as above, except moderately consolidated
11/18/1999	1560	1570	Recrystallized Limestone, light gray (N 7), abundant medium sand grain sized planktonic foraminifera, low porosity, well consolidated

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	From	To	
11/18/1999	1570	1580	Recrystallized Limestone (50%), light gray (N 7), abundant medium sand grain sized planktonic foraminifera, low porosity, well consolidated; limestone (50%), pinkish gray (5 YR 8/1), fine to medium sand grained, abundant foraminifera, moderate porosity, poor to moderately consolidated
11/18/1999	1580	1590	Limestone, very pale orange (10 YR 8/2), fine sand grained, moderate porosity, moderately consolidated
11/18/1999	1590	1600	Limestone, pinkish gray (5 YR 8/1), fine sand grained, moderate to high porosity, well consolidated
11/18/1999	1600	1610	Limestone, very pale orange (10 YR 8/2), fine to medium sand grained with larger foraminifera, moderate porosity, poorly consolidated
11/18/1999	1610	1620	Same as above, except moderately consolidated
11/18/1999	1620	1630	Limestone, very pale orange (10 YR 8/2), fine to medium sand grained with larger foraminifera, moderate porosity, poorly consolidated
11/18/1999	1630	1640	Limestone (60%), very pale orange (10 YR 8/2), fine to medium sand grained with larger foraminifera, moderate porosity, poorly consolidated; limestone (40%), light olive gray (5 Y 6/1), medium sand grained, high porosity, well consolidated
11/18/1999	1640	1650	Same as above
11/18/1999	1650	1660	Same as above
11/18/1999	1660	1670	Same as above
11/18/1999	1670	1680	Limestone, very pale orange (10 YR 8/2), fine sand grained, moderate porosity, moderately consolidated
11/18/1999	1680	1690	Same as above
11/18/1999	1690	1700	Same as above
11/19/1999	1700	1710	Same as above
11/19/1999	1710	1720	Same as above
11/19/1999	1720	1730	Limestone, very pale orange (10 YR 8/2), fine sand grained, moderate porosity, moderately to well consolidated
11/19/1999	1730	1740	Same as above
11/19/1999	1740	1750	Same as above
11/19/1999	1750	1760	Same as above
11/19/1999	1760	1770	Same as above
11/19/1999	1770	1780	Same as above
11/19/1999	1780	1790	Limestone, very pale orange (10 YR 8/2), fine sand grained, moderate porosity, moderately consolidated
11/19/1999	1790	1800	Same as above
11/19/1999	1800	1810	Limestone, very pale orange (10 YR 8/2), fine sand grained, low to moderate porosity, moderately consolidated
11/19/1999	1810	1820	Same as above
11/19/1999	1820	1830	Limestone, very pale orange (10 YR 8/2), fine sand grained, low to moderate porosity, well consolidated
11/19/1999	1830	1840	Same as above
11/19/1999	1840	1850	Same as above, except moderately consolidated
11/19/1999	1850	1860	Limestone, very pale orange (10 YR 8/2), fine sand grained, moderate porosity, poorly consolidated
11/19/1999	1860	1870	Same as above
11/19/1999	1870	1880	Same as above
11/19/1999	1880	1890	Limestone (80%), very pale orange (10 YR 8/2), fine sand grained, moderate porosity, poorly consolidated; micritic limestone (20%), pinkish gray (5 YR 8/1), low to moderate porosity
11/19/1999	1890	1900	Same as above, except decrease micritic limestone to 10%
11/19/1999	1900	1910	Limestone, pinkish gray (5 YR 8/1), fine sand grained, moderate to high porosity, moderately consolidated
11/19/1999	1910	1920	Same as above
11/20/1999	1920	1930	Same as above

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Date	Depth (ft. bpl)		Observer's Description
	From	To	
11/21/1999	1930	1940	Same as above
11/21/1999	1940	1950	Same as above
11/22/1999	1950	1960	Same as above
11/22/1999	1960	1970	Same as above
11/23/1999	1970	1980	Same as above
11/23/1999	1980	1990	Same as above
11/23/1999	1990	2000	Same as above
11/23/1999	2000	2010	Limestone (90%), pinkish gray (5 YR 8/1), fine sand grained, moderate to high porosity, well consolidated; micritic limestone (10%), pinkish gray (5 YR 8/1), low porosity, well consolidated
11/23/1999	2010	2020	Same as above, except increase micritic limestone to 20%
11/23/1999	2020	2030	Same as above
11/23/1999	2030	2040	Same as above
11/29/1999	2040	2050	Micritic Limestone, pinkish gray (5 YR 8/1), occasional foraminifera mold, low porosity, well consolidated
11/29/1999	2050	2060	Limestone, pinkish gray (5 YR 8/1), fine sand grained, moderate to high porosity, moderately consolidated
11/29/1999	2060	2070	Same as above
11/29/1999	2070	2080	Same as above, except well consolidated
11/29/1999	2080	2090	Limestone, pinkish gray (5 YR 8/1), fine sand grained, moderate to high porosity, moderately consolidated
11/29/1999	2090	2100	Same as above
11/29/1999	2100	2110	Same as above
11/29/1999	2110	2120	Limestone, pinkish gray (5 YR 8/1), fine sand grained, moderate to high porosity, poorly consolidated
11/29/1999	2120	2130	Same as above
11/29/1999	2130	2140	Limestone (60%), pinkish gray (5 YR 8/1), fine to medium sand grained, high porosity, well consolidated; limestone (40%), medium gray (N 5), moderate porosity, well consolidated
11/29/1999	2140	2150	Limestone, light olive gray (5 Y 5/2), medium sand grained, abundant foraminifera, moderate to high porosity, moderately consolidated
11/29/1999	2150	2160	Limestone (60%), pinkish gray (5 YR 8/1), fine to medium sand grained, high porosity, well consolidated; dolomitic limestone (40%), medium gray (N 5), moderate porosity, well consolidated
11/29/1999	2160	2170	Limestone, pinkish gray (5 YR 8/1), fine sand grained, moderate porosity, moderately consolidated
11/29/1999	2170	2180	Same as above
11/29/1999	2180	2190	Same as above
11/29/1999	2190	2200	Same as above
11/30/1999	2200	2210	Limestone (70%), pinkish gray (5 YR 8/1), fine sand grained, moderate porosity, moderately consolidated; recrystallized limestone (30%), light gray (N 7), very fine grained, very low porosity, well consolidated
11/30/1999	2210	2220	Limestone, pinkish gray (5 YR 8/1), fine to medium sand grained, moderate porosity, moderately consolidated
11/30/1999	2220	2230	Limestone, pinkish gray (5 YR 8/1), fine sand grained, low to moderate porosity, moderately consolidated
11/30/1999	2230	2240	Limestone (80%), pinkish gray (5 YR 8/1), fine sand grained, low to moderate porosity, moderately consolidated; micritic limestone (20%), light olive gray (5 Y 6/1), very low porosity, well consolidated
11/30/1999	2240	2250	Limestone, pinkish gray (5 YR 8/1), fine to medium sand grained, moderate porosity, moderately consolidated
11/30/1999	2250	2260	Same as above
11/30/1999	2260	2270	Same as above
11/30/1999	2270	2280	Same as above
11/30/1999	2280	2290	Same as above

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Exploratory Well EW-1
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	From	To	
11/30/1999	2290	2300	Limestone, pinkish gray (5 YR 8/1), fine sand grained, low to moderate porosity, moderately to well consolidated
12/1/1999	2300	2310	Same as above
12/1/1999	2310	2320	Limestone, pinkish gray (5 YR 8/1), fine to medium sand grained, high porosity, poorly consolidated
12/1/1999	2320	2330	Same as above
12/1/1999	2330	2340	Same as above
12/1/1999	2340	2350	Limestone (80%), pinkish gray (5 YR 8/1), fine to medium sand grained, high porosity, poorly consolidated; micritic limestone (20%), pinkish gray (5 YR 8/1), low porosity, well consolidated
12/1/1999	2350	2360	Limestone, pinkish gray (5 YR 8/1), medium sand grained, high porosity, poorly consolidated
12/1/1999	2360	2370	Same as above
12/1/1999	2370	2380	Limestone, pinkish gray (5 YR 8/1), fine sand grained, high porosity, well consolidated
12/1/1999	2380	2390	Limestone, pinkish gray (5 YR 8/1), fine to medium sand grained, high porosity, well to poorly consolidated
12/2/1999	2390	2400	Limestone, pinkish gray (5 YR 8/1), fine to medium sand grained, high porosity, poorly consolidated
12/2/1999	2400	2410	Micritic Limestone, white (N 9), low porosity, well consolidated
12/2/1999	2410	2420	Same as above
12/3/1999	2420	2430	
12/3/1999	2430	2440	Micritic Limestone, medium light gray (N 6), low porosity, well consolidated Limestone (60%), pinkish gray (5 YR 8/1), medium sand grained, high porosity, poorly consolidated; micritic limestone (40%), medium light gray (N 6), low porosity, well consolidated
12/3/1999	2440	2450	Limestone, pinkish gray (5 YR 8/1), fine to medium sand grained, high porosity, poorly consolidated
12/3/1999	2450	2460	Same as above
12/3/1999	2460	2470	Same as above
12/3/1999	2470	2480	Same as above
12/11/1999	2480	2490	Same as above
12/11/1999	2490	2500	Same as above
12/11/1999	2500	2510	Same as above
12/11/1999	2510	2520	Limestone (90%), pinkish gray (5 YR 8/1), fine to medium sand grained, high porosity, poorly consolidated; micritic limestone (10%), low porosity, well consolidated
12/11/1999	2520	2530	Same as above
12/12/1999	2530	2540	Same as above, except increase micritic limestone to 30%
12/12/1999	2540	2550	Micritic Limestone (60%), pinkish gray (5 YR 8/1), low porosity, well consolidated; limestone (40%), pinkish gray (5 YR 8/1), medium sand grained, high porosity, moderately consolidated
12/12/1999	2550	2560	Limestone, pinkish gray (5 YR 8/1), fine to medium sand grained, high porosity, poorly consolidated
12/12/1999	2560	2570	Same as above
12/12/1999	2570	2580	Same as above
12/12/1999	2580	2590	Same as above
12/12/1999	2590	2600	Same as above
12/12/1999	2600	2610	Limestone, pinkish gray (5 YR 8/1), fine to medium sand grained, moderate porosity, poorly consolidated
12/12/1999	2610	2620	Same as above
12/12/1999	2620	2630	Same as above
12/12/1999	2630	2640	Same as above
12/12/1999	2640	2650	Same as above
12/12/1999	2650	2660	Same as above

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	From	To	
12/12/1999	2660	2670	Same as above
12/12/1999	2670	2680	Same as above
12/12/1999	2680	2690	Same as above
12/12/1999	2690	2700	Same as above
12/12/1999	2700	2710	Same as above
12/12/1999	2710	2720	Same as above
12/12/1999	2720	2730	Same as above
12/12/1999	2730	2740	Same as above
12/12/1999	2740	2750	Same as above
12/12/1999	2750	2760	Dolomite (90%), dark yellowish brown (10 YR 4/2), microcrystalline to medium sand grained, low to high porosity, moderately to well consolidated; limestone (10%), pinkish gray (5 YR 8/1), fine to medium sand grained, moderate porosity, moderately consolidated
12/13/1999	2760	2770	Dolomite, dark yellowish brown (10 YR 4/2), microcrystalline, low porosity, well consolidated
12/14/1999	2770	2780	Same as above
12/14/1999	2780	2790	Same as above
12/14/1999	2790	2800	Dolomite (90%), dark yellowish brown (10 YR 4/2), medium sand grained, sucrosic, high porosity, well consolidated, brittle; limestone (10%), white (N 9), fine sand grained, low porosity, moderately consolidated
12/14/1999	2800	2810	Same as above, except 50% dolomite and 50% limestone
12/14/1999	2810	2820	Dolomite, dark yellowish brown (10 YR 4/2), microcrystalline, low porosity, well consolidated
12/14/1999	2820	2830	Same as above
12/14/1999	2830	2840	Same as above
12/14/1999	2840	2850	Same as above
12/14/1999	2850	2860	Same as above
12/14/1999	2860	2870	Dolomite (90%), dark yellowish brown (10 YR 4/2) to dusky yellowish brown (10 YR 2/2), microcrystalline, low porosity, well consolidated; dolomite (10%), pale yellowish brown (10 YR 6/2), medium sand grained, sucroisic, high porosity, well consolidated
12/14/1999	2870	2880	Dolomite, dark yellowish brown (10 YR 4/2), microcrystalline, low porosity, well consolidated
12/14/1999	2880	2890	Dolomite (60%), dark yellowish brown (10 YR 4/2) to dusky yellowish brown (10 YR 2/2), microcrystalline, low porosity, well consolidated; dolomite (40%), pale yellowish brown (10 YR 6/2), medium sand grained, sucroisic, high porosity, well consolidated
12/14/1999	2890	2900	Dolomite, dark yellowish brown (10 YR 4/2), microcrystalline, low porosity, well consolidated
12/14/1999	2900	2910	Dolomite (60%), pale yellowish brown (10 YR 6/2), medium sand grained, sucroisic, high porosity, well consolidated; dolomite, dark yellowish brown (10 YR 4/2), microcrystalline, low vugular porosity, well consolidated
12/14/1999	2910	2920	Same as above
12/14/1999	2920	2930	Dolomite, dark yellowish brown (10 YR 4/2), microcrystalline, low porosity, well consolidated
12/14/1999	2930	2940	Same as above
12/14/1999	2940	2950	Same as above
12/14/1999	2950	2960	Same as above
12/14/1999	2960	2970	Dolomite, pale yellowish brown (10 YR 6/2), medium sand grained, sucroisic, high porosity, well consolidated
12/15/1999	2970	2980	Dolomite, dark yellowish brown (10 YR 4/2), microcrystalline, moderate vugular porosity, well consolidated
12/15/1999	2980	2990	Same as above
12/15/1999	2990	3000	Same as above

**Richard A. Heyman Wastewater Treatment Plant
City of Key West, Florida
Exploratory Well EW-1
Lithologic Description**

Date	Depth (ft. bpl)		Observer's Description
	From	To	
ft. bpl = feet below pad level			