

**Florida Power & Light Company**  
**Okeechobee Clean Energy Center**  
**Exploratory Well EW-1**  
**Lithologic Description**



Date	Depth (ft. bpl)		Observer's Description
	From	To	
3/4/2016	0	10	Sand and Organic Matter: Sand, 95%, yellowish gray (5Y 8/1), fine grained, sub-angular and sub-rounded, poorly sorted; Organic Matter, 5%, grass, roots, and woody material.
3/4/2016	10	20	Sand and Shell: Sand, 95%, pale yellowish brown (10YR 6/2), fine grained, slightly silty, sub-angular and sub-rounded; Shell and Shell Fragments, 5%, 1mm to 10mm.
3/4/2016	20	30	Shell, Marlstone and Clay: Shell and Shell Fragments, 40%, 1mm to 20mm, mostly mollusk; Marlstone, 30%, medium dark gray (N4), very hard, blocky fracturing; Clay, 30%, grayish olive green (5GY 3/2), calcareous, moderately indurated.
3/4/2016	30	40	Shell and Clay: Shell and Shell Fragments, 60%, 1mm to 20mm, mostly mollusk; Clay, 40%, grayish olive green (5GY 3/2), calcareous, moderately indurated.
4/7/2016	40	50	Shell and Cement: Shell and Shell Fragments, 70%, 1mm to 20mm, mostly mollusk; Cement, 30%, neat cement from casing pit installation.
4/7/2016	50	60	Same as above.
4/9/2016	60	70	Sand and Shell Fragments: Sand, 90%, yellowish gray (5Y 8/1), fine grained, calcareous; Shell fragments, 20%, 1mm to 5mm; Phosphate, trace.
4/9/2016	70	80	Shell, Limestone and Clay: Shell Fragments, 70%, 1mm to 5mm; Limestone, 20%, yellowish gray (5Y 8/1), fine grained, moderately indurated, intergranular porosity; Clay, 10%, yellowish gray (5Y 8/1), silty, calcareous, poorly indurated; Phosphate, trace.
4/9/2016	80	90	Shell and Sand: Shell Fragments, 60%, 1mm to 5mm; Sand, 40%, yellowish gray (5Y 8/1), fine to medium grained, quartz, sub-angular; Clay, trace, yellowish gray (5Y 8/1), silty, calcareous, poorly indurated; Phosphate, trace.
4/9/2016	90	100	Clay and Shell Fragments: Clay, 80%, light olive gray (5Y 6/1), sandy, moderately well indurated, very phosphatic; Shell Fragments, 20%, 1mm to 5mm.
4/9/2016	100	110	Clay: 100%, dusky yellowish green (5GY 5/2), silty, well indurated, slightly phosphatic; Shell Fragments, trace, 1mm to 5mm.
4/9/2016	110	120	Clay: 100%, dusky yellowish green (5GY 5/2), silty, well indurated, slightly phosphatic; Sand, trace; Shell Fragments, trace, 1mm to 5mm.
4/9/2016	120	130	Clay: 100%, dusky yellowish green (5GY 5/2), silty, moderately well indurated; Phosphate, trace.
4/9/2016	130	140	Same as above.
4/9/2016	140	150	Clay and Shell Fragments: 80%, grayish olive green (5GY 3/2), silty, very well indurated, plastic; Shell Fragments, 20%, 5mm to 30mm, mollusks.
4/9/2016	150	160	Same as above.
4/9/2016	160	170	Clay, 100%, silty, moderately indurated; Shell Fragment, 1mm, trace.
4/9/2016	170	180	Clay and Shell Fragments: 80%, grayish olive green (5GY 3/2), moderately well indurated; Shell Fragments, 20%, 5mm to 30mm, mollusks.
4/9/2016	180	190	Clay: 100%, grayish olive green (5GY 3/2), sandy, quartz, slightly phosphatic, well indurated; Shell and Shell Fragment, trace, 1mm to 10mm.
4/9/2016	190	200	Same as above.
4/9/2016	200	210	Clay and Limestone: Clay, 80%, grayish olive green (5GY 3/2), very phosphatic, moderately well indurated; Limestone, fine grained, moderately well indurated.
4/9/2016	210	220	Same as above.
4/9/2016	220	230	Clay: 100%, grayish olive green (5GY 3/2), very phosphatic, moderately well indurated.
4/9/2016	230	240	Clay and Limestone: 70%, grayish olive green (5GY 3/2), very phosphatic, poorly indurated; Limestone, 30%, yellowish gray (5Y 8/1) to white (N9), micritic, poorly indurated.
4/9/2016	240	250	Same as above.
4/9/2016	250	255	Same as above.

**Florida Power & Light Company**  
**Okeechobee Clean Energy Center**  
**Exploratory Well EW-1**  
**Lithologic Description**



Date	Depth (ft. bpl)		Observer's Description
	From	To	
4/20/2016	255	260	Sand and Clay: Sand, 70%, yellowish gray (5Y 8/1), fine grained, quartz, rounded, poorly sorted, very phosphatic; Clay: 30%, light olive gray (5Y 5/2), poorly indurated; Cement cuttings noted in sample.
4/20/2016	260	270	Same as above.
4/20/2016	270	280	Sand and Clay: Sand, 90%, yellowish gray (5Y 8/1), fine grained, quartz, rounded, poorly sorted, very phosphatic; Clay: 10%, light olive gray (5Y 5/2), poorly indurated; Cement cuttings noted in sample.
4/20/2016	280	290	Same as above.
4/20/2016	290	300	Same as above.
4/20/2016	300	310	Clay: 100%, grayish olive green (5GY 3/2), phosphatic, very plastic, well indurated.
4/20/2016	310	320	Clay and dolomite: 90%, grayish olive green (5GY 3/2), phosphatic, very plastic, well indurated; Dolomite, 10%, medium gray (N5), very fine grain, moderately well indurated, very low moldic porosity.
4/20/2016	320	330	Same as above.
4/20/2016	330	340	Clay: 100%, grayish olive green (5GY 3/2), phosphatic, very plastic, well indurated; Shell, trace, mullusk.
4/20/2016	340	350	Same as above.
4/20/2016	350	360	Clay and Dolomite: Clay, 60%, olive gray (5Y 4/1), silty, very soft, slightly cohesive, phosphatic; Dolomite, 40%, yellowish gray (5Y 8/1) to greenish gray (5GY 6/1) and medium light gray (N6), very fine grain, moderately well indurated, low porosity.
4/20/2016	360	370	Limestone and Clay: Limestone, 60%, yellowish gray (5Y 8/1), medium grain, intergranular porosity, very fossiliferous; Clay, 40%, olive gray (5Y 4/1), silty, phosphatic.
4/20/2016	370	380	Same as above.
4/20/2016	380	390	Limestone and Clay: Limestone, 80%, yellowish gray (5Y 8/1), medium grain, poorly indurated, intergranular porosity, very fossiliferous; Clay, 20%, olive gray (5Y 4/1), silty, phosphatic.
4/20/2016	390	400	Same as above.
4/20/2016	400	410	Limestone: 100%, yellowish gray (5Y 8/1), medium grained, soft, poorly indurated, intergranular porosity, fossiliferous.
4/20/2016	410	420	Limestone: 100%, yellowish gray (5Y 8/1), medium to coarse grained, moderately soft, moderately well indurated, intergranular porosity, fossiliferous, phosphatic.
4/20/2016	420	430	Same as above.
4/20/2016	430	440	Limestone: 100%, yellowish gray (5Y 8/1), medium to coarse grained, soft, poorly indurated, intergranular porosity, fossiliferous, phosphatic.
4/21/2016	440	453	Same as above.
5/1/2016	453	460	Dolomitic Limestone: 100%, grayish orange (10YR 7/4), coarse grained, soft, poorly indurated, intergranular porosity, fossiliferous; Cement cuttings noted in sample.
5/1/2016	460	470	Limestone: 100%, yellowish gray (5Y 8/1), medium to coarse grained, soft, poorly indurated, intergranular porosity, fossiliferous.
5/1/2016	470	480	Limestone: 100%, yellowish gray (5Y 8/1), medium to coarse grained, soft, moderately indurated, intergranular porosity, fossiliferous.
5/1/2016	480	490	Dolomitic Limestone: 100%, pale yellowish brown (10YR 6/2) and medium gray (N5), fine crystalline, sucrosic, moderately soft, poorly indurated, intergranular and vuggy porosity, fossiliferous.
5/1/2016	490	500	Same as above.
5/1/2016	500	510	Dolomite: 100%, pale yellowish brown (10YR 6/2) and yellowish gray (5Y 7/2), fine crystalline, sucrosic, hard, well indurated, intercrystalline and vuggy porosity.

**Florida Power & Light Company**  
**Okeechobee Clean Energy Center**  
**Exploratory Well EW-1**  
**Lithologic Description**



Date	Depth (ft. bpl)		Observer's Description
	From	To	
5/1/2016	510	520	Dolomite and Limestone: Dolomite, 70%, moderate yellowish brown (10YR 5/4) and medium gray (N5), fine to medium crystalline, hard, well indurated, low porosity; Limestone, 30%, very pale orange (10YR 8/2), micritic, soft, moderately well indurated, low intergranular porosity.
5/1/2016	520	530	Dolomite: 100%, pale yellowish brown (10YR 6/2), fine crystalline, sucrosic, hard, moderately well indurated, intercrystalline porosity.
5/1/2016	530	540	Limestone, 100%, yellowish gray (5Y 8/1), fine to coarse grained, moderately soft, moderately well indurated, moldic and intergranular porosity.
5/1/2016	540	550	Same as above.
5/1/2016	550	560	Limestone, 100%, yellowish gray (5Y 8/1), fine grained, soft, poorly indurated, intergranular porosity.
5/1/2016	560	570	Same as above.
5/1/2016	570	580	Dolomitic Limestone and Limestone: 90%, pale yellowish brown (10YR 6/2), fine to coarse grained, soft, poorly indurated, intergranular porosity; Limestone, 10%, yellowish gray (5Y 8/1), fine grained, soft, poorly indurated, fossiliferous (Fallotella floridana) intergranular porosity.
5/1/2016	580	590	Dolomitic Limestone and Limestone: 70%, pale yellowish brown (10YR 6/2), fine to coarse grained, soft, poorly indurated, intergranular porosity; Limestone, 30%, yellowish gray (5Y 8/1), fine grained, soft, poorly indurated, fossiliferous (Fallotella floridana) intergranular porosity.
5/1/2016	590	600	Limestone and Dolomite: 70%, pale yellowish gray (5Y 8/1) and medium gray (N5), fine grained, soft, moderate induration, intergranular porosity; Dolomite, 30%, gray (N5), fine crystalline, hard, moderately well indurated, intercrystalline porosity.
5/1/2016	600	610	Limestone and Dolomite: 50%, pale yellowish gray (5Y 8/1) and medium gray (N5), fine grained, soft, moderate induration, intergranular porosity; Dolomite, 50%, gray (N5), fine crystalline, hard, moderately well indurated, intercrystalline porosity.
5/1/2016	610	620	Limestone, 100%, yellowish gray (5Y 8/1), fine grained, soft, poorly indurated, fossiliferous, intergranular porosity.
5/1/2016	620	630	Dolomite: 100%, pale yellowish brown (10YR 6/2) and medium light gray (N6), fine crystalline, sucrosic, hard, moderately indurated, low moldic porosity; Limestone, trace, as above.
5/1/2016	630	640	Dolomite: 100%, pale yellowish brown (10YR 6/2) and medium light gray (N6), fine crystalline, sucrosic, hard, moderately indurated, low moldic porosity.
5/1/2016	640	650	Dolomite: 100%, pale yellowish gray (5Y 8/1), fine crystalline, sucrosic, moderately hard, moderately indurated, low porosity.
5/1/2016	650	660	Dolomite: 100%, pale yellowish gray (5Y 8/1), fine crystalline, sucrosic, medium light gray (N6) intraclast, moderately hard, moderately well indurated, low porosity.
5/1/2016	660	670	Dolomite: 100%, pale yellowish brown (10YR 6/2) and medium light gray (N6), fine crystalline, sucrosic, hard, poorly indurated, low moldic porosity.
5/1/2016	670	680	Same as above.
5/1/2016	680	690	Limestone and Dolomite: 80%, very pale orange (10YR 8/2), very fine to fine grained, soft, moderately well indurated, fossiliferous, low intergranular porosity; Dolomite, 20%, pale yellowish brown (10YR 6/2), fine crystalline, hard, moderately well indurated, low moldic and intercrystalline porosity.
5/1/2016	690	697	Limestone: 100%, very pale orange (10YR 8/2), very fine to fine grained, soft, moderately well indurated, fossiliferous, low intergranular porosity.
5/2/2016	697	700	Dolomite: 100%, pale yellowish brown (10YR 6/2), moderate yellowish brown (10YR 5/4), and dark yellowish brown (10YR 4/2), microcrystalline, very hard, well indurated, few small vugs, vuggy porosity.
5/2/2016	700	710	Dolomite: 100%, dark yellowish brown (10YR 4/2), microcrystalline, very hard, well indurated, low porosity.

**Florida Power & Light Company**  
**Okeechobee Clean Energy Center**  
**Exploratory Well EW-1**  
**Lithologic Description**



Date	Depth (ft. bpl)		Observer's Description
	From	To	
5/2/2016	710	720	Dolomitic Limestone and Dolomite: Dolomitic Limestone, 90%, very pale orange (10YR 8/2) and light gray (N7), very fine grained, soft, moderately indurated, intergranular porosity; Dolomite, 10%, dark yellowish brown (10YR 4/2), microcrystalline, very hard, well indurated, low porosity.
5/2/2016	720	730	Dolomitic Limestone: 100%, pale yellowish brown (10YR 6/2), fine to coarse grained, soft, poorly indurated, fossiliferous, intergranular porosity.
5/2/2016	730	740	Dolomitic Limestone and Dolomite: Dolomitic Limestone, 50%, pale yellowish brown (10YR 6/2), fine to coarse grained, soft, poorly indurated, fossiliferous, intergranular porosity; Dolomite, 50%, dark yellowish brown (10YR 4/2) and medium gray (N5), microcrystalline, very hard, well indurated, low porosity.
5/2/2016	740	750	Dolomite: 90%, pale yellowish brown (10YR 6/2), fine to coarse grained, soft, poorly indurated, fossiliferous, intercrystalline porosity; Dolomite, 10%, pale yellowish brown (10YR 6/2), microcrystalline, very hard, well indurated, low porosity.
5/2/2016	750	760	Dolomite: 60%, pale yellowish brown (10YR 6/2), fine to coarse grained, soft, poorly indurated, fossiliferous, intercrystalline porosity; Dolomite, 40%, pale yellowish brown (10YR 6/2), microcrystalline, very hard, well indurated, slightly vuggy, low porosity.
5/2/2016	760	770	Dolomite: 100%, moderate yellowish brown (10YR 5/4), medium grained, moderately soft, poorly indurated, fossiliferous, intercrystalline porosity.
5/2/2016	770	780	Dolomite, 60%, pale yellowish brown (10YR 6/2), microcrystalline, very hard, well indurated, slightly vuggy, low porosity; Dolomite: 40%, moderate yellowish brown (10YR 5/4), medium grained, moderately soft, poorly indurated, fossiliferous, intercrystalline porosity.
5/2/2016	780	790	Dolomitic Limestone: 100%, pale yellowish brown (10YR 6/2), medium gray (N5), and yellowish gray (5Y 8/1), fine grained, micritic, moderately soft, moderately indurated, some thin bands of lignite, intergranular porosity; Dolomite, trace, as above.
5/2/2016	790	800	Limestone: 100%, yellowish gray (5Y 8/1), fine grained, micritic, moderately soft, moderately indurated, intergranular porosity.
5/2/2016	800	810	Same as above.
5/3/2016	810	820	Same as above.
5/3/2016	820	830	Same as above.
5/3/2016	830	840	Dolomite and Limestone; Dolomite, 60%, dark yellowish brown (10YR 4/2), fine crystalline, moderately hard, moderately well indurated, slightly vuggy, low porosity; Limestone: 40%, yellowish gray (5Y 8/1), fine grained, micritic, moderately soft, moderately indurated, intergranular porosity.
5/3/2016	840	850	Dolomite: 100%, moderate yellowish brown (10 YR 5/4) to dark yellowish brown (10YR 4/2), fine crystalline, very hard, well indurated, slightly vuggy, low porosity.
5/3/2016	850	860	Dolomite: 100%, moderate yellowish brown (10 YR 5/4) to dark yellowish brown (10YR 4/2), microcrystalline, very hard, well indurated, low porosity.
5/3/2016	860	870	Dolomite: 100%, moderate yellowish brown (10 YR 5/4), fine crystalline, very hard, well indurated, thin bands of lignite, low porosity.
5/3/2016	870	880	Same as above.
5/3/2016	880	890	Dolomite: 100%, moderate yellowish brown (10 YR 5/4) to dark yellowish brown (10YR 4/2), microcrystalline, very hard, well indurated, low porosity.
5/3/2016	890	900	Same as above.
5/3/2016	900	910	Same as above.
5/3/2016	910	920	Same as above.
5/3/2016	920	930	Dolomitic Limestone: 100%, yellowish gray (5Y 8/1), micritic, moderately soft, moderately indurated, intergranular porosity; Clay, trace.
5/3/2016	930	940	Dolomitic Limestone: 100%, yellowish gray (5Y 8/1), fine crystalline, moderately hard well indurated, low porosity.
5/3/2016	940	950	Same as above.

**Florida Power & Light Company**  
**Okeechobee Clean Energy Center**  
**Exploratory Well EW-1**  
**Lithologic Description**



Date	Depth (ft. bpl)		Observer's Description
	From	To	
5/3/2016	950	960	Same as above.
5/3/2016	960	970	Dolomitic Limestone and Clay: Dolomitic Limestone, 95%, yellowish gray (5Y 8/1), micritic, moderately soft, moderately indurated, intergranular porosity: Clay, 5%, yellowish gray (5Y 8/1), silty, moderately indurated.
5/3/2016	970	980	Dolomitic Limestone: 100%, yellowish gray (5Y 8/1), fine crystalline, moderately hard well indurated, low porosity.
5/3/2016	980	990	Same as above.
5/3/2016	990	1,000	Same as above.
5/3/2016	1,000	1,010	Same as above.
5/3/2016	1,010	1,020	Dolomitic Limestone: 100%, yellowish gray (5Y 8/1), micritic, moderately soft, moderately indurated, intergranular porosity.
5/3/2016	1,020	1,030	Same as above.
5/3/2016	1,030	1,040	Same as above.
5/3/2016	1,040	1,050	Dolomitic Limestone: 100%, yellowish gray (5Y 8/1), very fine grained, moderately soft, moderately indurated, fossiliferous, intergranular porosity.
5/3/2016	1,050	1,060	Dolomitic Limestone and Dolomite: Dolomitic Limestone, 80%, grayish orange (10YR 7/4), very fine grained, moderately soft, moderately indurated, fossiliferous, intergranular porosity; Dolomite, 20%, moderate yellowish brown (10 YR 5/4) to dark yellowish brown (10YR 4/2), fine crystalline, very hard, well indurated, slightly vuggy, intercrystalline and vuggy porosity.
5/4/2016	1,060	1,070	Dolomitic Limestone: 100%, grayish orange (10YR 7/4), very fine grained, moderately soft, moderately indurated, fossiliferous, intergranular porosity.
5/4/2016	1,070	1,080	Dolomitic Limestone and Dolomite: Dolomitic Limestone, 90%, grayish orange (10YR 7/4), very fine grained, moderately soft, moderately indurated, fossiliferous, intergranular porosity; Dolomite, 10%, moderate yellowish brown (10 YR 5/4) to dark yellowish brown (10YR 4/2), fine crystalline, very hard, well indurated, slightly vuggy, intercrystalline and vuggy porosity.
5/4/2016	1,080	1,090	Dolomitic Limestone: 100%, grayish orange (10YR 7/4), very fine grained, soft, poorly indurated, fossiliferous, intergranular porosity.
5/4/2016	1,090	1,100	Dolomitic Limestone and Dolomite: Dolomitic Limestone, 50%, grayish orange (10YR 7/4), very fine grained, moderately soft, moderately indurated, fossiliferous, intergranular porosity; Dolomite, 50%, moderate yellowish brown (10 YR 5/4) to dark yellowish brown (10YR 4/2), fine crystalline, very hard, well indurated, slightly vuggy, intercrystalline and vuggy porosity.
5/4/2016	1,100	1,110	Dolomitic Limestone and Dolomite: Dolomitic Limestone, 70%, grayish orange (10YR 7/4), very fine grained, moderately soft, poorly indurated, fossiliferous, intergranular porosity; Dolomite, 30%, pale yellowish brown (10YR 6/2), moderate yellowish brown (10 YR 5/4), and dark yellowish brown (10YR 4/2), fine crystalline, very hard, well indurated, slightly vuggy, intercrystalline and vuggy porosity.
5/4/2016	1,110	1,120	Dolomitic Limestone and Dolomite: Dolomitic Limestone, 90%, grayish orange (10YR 7/4), very fine grained, moderately soft, poorly indurated, fossiliferous, intergranular porosity; Dolomite, 10%, pale yellowish brown (10YR 6/2), moderate yellowish brown (10 YR 5/4), and dark yellowish brown (10YR 4/2), fine crystalline, very hard, well indurated, intercrystalline porosity.
5/4/2016	1,120	1,130	Dolomite: 100%, pale yellowish brown (10YR 6/2) and moderate yellowish brown (10 YR 5/4), fine crystalline, very hard, well indurated, intercrystalline porosity.
5/4/2016	1,130	1,140	Same as above.
5/4/2016	1,140	1,150	Dolomite: 100%, pale yellowish brown (10YR 6/2), moderate yellowish brown (10 YR 5/4) and dark yellowish brown (10YR 4/2), fine crystalline, very hard, well indurated, slightly vuggy, low porosity.



**Florida Power & Light Company  
Okeechobee Clean Energy Center  
Exploratory Well EW-1  
Lithologic Description**



Date	Depth (ft. bpl)		Observer's Description
	From	To	
5/4/2016	1,150	1,160	Dolomite and Dolomitic Limestone: Dolomite, 70%, moderate yellowish brown (10 YR 5/4), fine crystalline, very hard, moderately well indurated, slightly vuggy, intercrystalline porosity; Dolomitic Limestone, 30%, very pale orange (10YR 8/2), fine grained, moderately soft, moderately indurated, fossiliferous, intergranular porosity.
5/4/2016	1,160	1,170	Dolomite: 100%, pale yellowish brown (10YR 6/2) and grayish orange (10YR 7/4), fine crystalline, very hard, well indurated, slightly vuggy, intercrystalline and vuggy porosity.
5/4/2016	1,170	1,180	Dolomite: 100%, moderate yellowish brown (10YR 5/4), fine crystalline, very hard, moderately well indurated, slightly vuggy, intercrystalline and vuggy porosity.
5/4/2016	1,180	1,190	Dolomite: 100%, moderate yellowish brown (10YR 5/4) and dark yellowish brown (10YR 4/2), fine crystalline, very hard, well indurated, slightly vuggy, intercrystalline and vuggy porosity.
5/4/2016	1,190	1,200	Dolomite: 100%, moderate yellowish brown (10YR 5/4), fine crystalline, very hard, well indurated, vuggy, low porosity.
5/4/2016	1,200	1,210	Dolomitic Limestone and Dolomite: Dolomitic Limestone, 80%, very pale orange (10YR 8/2), fine grained, moderately soft, moderately indurated, intergranular porosity; Dolomite: 20%, dark yellowish brown (10YR 4/2), fine crystalline, moderately hard, moderately indurated, intercrystalline porosity.
5/4/2016	1,210	1,220	Dolomite: 100%, moderate yellowish brown (10YR 5/4), fine crystalline, hard, well indurated, intercrystalline and vuggy porosity.
5/4/2016	1,220	1,230	Dolomite: 100%, moderate yellowish brown (10YR 5/4), fine crystalline, hard, poorly indurated, intercrystalline porosity
5/4/2016	1,230	1,240	Same as above.
5/4/2016	1,240	1,250	Dolomite: 100%, moderate yellowish brown (10YR 5/4), fine crystalline, very hard, well indurated, intercrystalline and vuggy porosity.
5/4/2016	1,250	1,260	Same as above.
5/4/2016	1,260	1,270	Dolomite: 100%, moderate yellowish brown (10YR 5/4) and dark yellowish brown (10YR 4/2), fine crystalline, very hard, well indurated, intercrystalline and vuggy porosity.
5/4/2016	1,270	1,280	Dolomite: 100%, moderate yellowish brown (10YR 5/4) and dark yellowish brown (10YR 4/2), fine crystalline, hard, poorly indurated, intercrystalline and vuggy porosity.
5/4/2016	1,280	1,290	Same as above.
5/4/2016	1,290	1,300	Dolomite: 100%, dark yellowish brown (10YR 4/2), fine crystalline, hard, poorly to moderately indurated, vuggy.
5/4/2016	1,300	1,310	Dolomite: 100%, moderate yellowish brown (10YR 5/4) and dark yellowish brown (10YR 4/2), fine crystalline, very hard, well indurated, vuggy porosity.
5/4/2016	1,310	1,320	Same as above.
5/4/2016	1,320	1,330	Dolomite: 100%, moderate yellowish brown (10YR 5/4), pale yellowish brown (10YR 6/2) and dark yellowish brown (10YR 4/2), fine crystalline, very hard, well indurated, casts/molds, vuggy.
5/5/2016	1,330	1,340	Dolomite: 100%, moderate yellowish brown (10YR 5/4), fine crystalline, very hard, well indurated, casts/molds, vuggy.
5/5/2016	1,340	1,350	Dolomite: 100%, moderate yellowish brown (10YR 5/4) and pale yellowish brown (10YR 6/2), fine crystalline, very hard, moderately well indurated, vuggy.
5/5/2016	1,350	1,360	Same as above.
5/5/2016	1,360	1,370	Same as above.
5/5/2016	1,370	1,380	Dolomite: 100%, moderate yellowish brown (10YR 5/4), fine crystalline, hard, moderately indurated, vuggy.

**Florida Power & Light Company  
Okeechobee Clean Energy Center  
Exploratory Well EW-1  
Lithologic Description**



Date	Depth (ft. bpl)		Observer's Description
	From	To	
5/5/2016	1,380	1,390	Dolomite: 100%, dark yellowish brown (10YR 4/2), fine crystalline, very hard, well indurated, vuggy porosity.
5/5/2016	1,390	1,400	Dolomite: 100%, grayish orange (10YR 7/4), fine crystalline, hard, moderately indurated, vuggy.
5/5/2016	1,400	1,410	Dolomite: 100%, moderate yellowish brown (10YR 5/4), pale yellowish brown (10YR 6/2) and medium gray (N5), fine crystalline, hard, moderately indurated, vuggy.
5/5/2016	1,410	1,420	Dolomite: 100%, moderate yellowish brown (10YR 5/4), fine crystalline, hard, moderately indurated, vuggy.
5/5/2016	1,420	1,430	Dolomite: 100%, dark yellowish brown (10YR 4/2), fine crystalline, hard, well indurated, vuggy porosity.
5/5/2016	1,430	1,440	Dolomite: 100%, moderate yellowish brown (10YR 5/4) and pale yellowish brown (10YR 6/2), fine crystalline, hard, moderately indurated, vuggy.
5/5/2016	1,440	1,450	Dolomite: 100%, moderate yellowish brown (10YR 5/4) and pale yellowish brown (10YR 6/2), fine crystalline, hard, poorly indurated.
5/5/2016	1,450	1,460	Same as above.
5/5/2016	1,460	1,470	Dolomite: 100%, dark yellowish brown (10YR 4/2), microcrystalline, hard, well indurated, vuggy porosity.
5/5/2016	1,470	1,480	Dolomite: 100%, grayish orange (10YR 7/4), microcrystalline, hard, well indurated, casts/molds, vuggy porosity.
5/5/2016	1,480	1,490	Same as above.
5/5/2016	1,490	1,500	Same as above.
5/5/2016	1,500	1,510	Dolomite: 100%, pale yellowish brown (10YR 6/2), microcrystalline, very hard, very well indurated, vuggy porosity.
5/5/2016	1,510	1,520	Dolomite: 100%, pale yellowish brown (10YR 6/2) and light gray (N7), microcrystalline, hard, poorly indurated.
5/5/2016	1,520	1,530	Limestone: 100%, very pale orange (10YR 8/2), medium to coarse grained, moderately soft, moderately indurated, very fossiliferous, intergranular porosity.
5/6/2016	1,530	1,540	Same as above.
5/6/2016	1,540	1,550	Same as above.
5/6/2016	1,550	1,560	Limestone: 100%, very pale orange (10YR 8/2), medium to coarse grained, moderately soft, poorly indurated, very fossiliferous, intergranular porosity.
5/6/2016	1,560	1,570	Same as above.
5/6/2016	1,570	1,580	Same as above.
5/6/2016	1,580	1,590	Same as above.
5/6/2016	1,590	1,600	Same as above.
5/6/2016	1,600	1,610	Same as above.
5/6/2016	1,610	1,620	Dolomite and Limestone: Dolomite, 80%, moderate yellowish brown (10YR 5/4), fine to medium crystalline, hard, well indurated, intercrystalline porosity; Limestone, 20%, very pale orange (10YR 8/2), medium to coarse grained, moderately soft, moderately indurated, very fossiliferous, intergranular porosity.
5/6/2016	1,620	1,630	Dolomite: 100%, moderate yellowish brown (10YR 5/4), fine to medium crystalline, hard, well indurated, intercrystalline porosity.
5/6/2016	1,630	1,640	Dolomite: 100%, moderate yellowish brown (10YR 5/4) and dark yellowish brown (10YR 4/2), microcrystalline, very hard, well indurated, low porosity.
5/6/2016	1,640	1,650	Same as above.
5/6/2016	1,650	1,660	Same as above.
5/6/2016	1,660	1,670	Dolomite and Limestone: Dolomite, 80%, moderate yellowish brown (10YR 5/4) and dark yellowish brown (10YR 4/2), fine crystalline, hard, well indurated, few small vugs, intercrystalline porosity; Limestone, 20%, very pale orange (10YR 8/2), medium to coarse grained, moderately soft, moderately indurated, fossiliferous, intergranular porosity.

**Florida Power & Light Company  
Okeechobee Clean Energy Center  
Exploratory Well EW-1  
Lithologic Description**



Date	Depth (ft. bpl)		Observer's Description
	From	To	
5/6/2016	1,670	1,680	Dolomite: 100%, moderate yellowish brown (10YR 5/4), fine to medium crystalline, hard, well indurated, vuggy, intercrystalline porosity; Limestone, trace, as above.
5/6/2016	1,680	1,690	Limestone and Dolomite: Limestone, 90%, very pale orange (10YR 8/2), medium to coarse grained, moderately soft, moderately indurated, fossiliferous, intergranular porosity; Dolomite, 10%, moderate yellowish brown (10YR 5/4), fine to medium crystalline, hard, well indurated, vuggy, intercrystalline and vuggy porosity.
5/6/2016	1,690	1,700	Limestone and Dolomite: Limestone, 50%, very pale orange (10YR 8/2), medium to coarse grained, moderately soft, moderately indurated, fossiliferous, intergranular porosity; Dolomite, 50%, moderate yellowish brown (10YR 5/4), fine to medium crystalline, hard, well indurated, vuggy, intercrystalline and vuggy porosity.
5/6/2016	1,700	1,710	Dolomite and Dolomitic Limestone: Dolomite, 60%, moderate yellowish brown (10YR 5/4) and dark yellowish brown (10YR 4/2), fine crystalline, hard, well indurated, few small vugs, intercrystalline and vuggy porosity; Dolomitic Limestone, 40%, grayish orange (10YR 7/4), fine to medium grained and fine crystalline, moderately soft, moderately well indurated, slightly fossiliferous, intergranular porosity.
5/6/2016	1,710	1,720	Dolomite and Dolomitic Limestone: Dolomite, 70%, moderate yellowish brown (10YR 5/4) and dark yellowish brown (10YR 4/2), fine crystalline, hard, well indurated, few small vugs, intercrystalline and vuggy porosity; Dolomitic Limestone, 30%, grayish orange (10YR 7/4), fine to medium grained and fine crystalline, moderately soft, moderately well indurated, slightly fossiliferous, intergranular porosity.
5/6/2016	1,720	1,730	Same as above.
5/6/2016	1,730	1,740	Dolomitic Limestone: 100%, pale yellowish brown (10YR 6/2), fine grained to fine crystalline, moderately hard, moderately well indurated, slightly fossiliferous, intergranular porosity.
5/6/2016	1,740	1,750	Same as above.
5/7/2016	1,750	1,760	Same as above.
5/7/2016	1,760	1,770	Same as above.
5/7/2016	1,770	1,780	Same as above.
5/7/2016	1,780	1,790	Same as above.
5/7/2016	1,790	1,800	Limestone: 100%, very pale orange (10YR 8/2), fine to medium grained, soft, poorly indurated, fossiliferous, intergranular porosity.
5/7/2016	1,800	1,810	Dolomitic Limestone: 100%, pale yellowish brown (10YR 6/2), fine grained to fine crystalline, soft, poorly indurated, slightly fossiliferous, intergranular porosity.
5/7/2016	1,810	1,820	Dolomitic Limestone: 100%, very pale orange (10YR 8/2) to pale yellowish brown (10YR 6/2), micritic, moderately soft, moderately indurated, very fossiliferous, casts/molds (Helicostegina gyralis), intergranular porosity; Chert, trace, light olive gray (5Y 6/1).
5/7/2016	1,820	1,830	Same as above.
5/7/2016	1,830	1,840	Dolomitic Limestone and Chert: 90%, yellowish gray (5Y 7/2) and medium light gray (N6), micritic, moderately soft to hard, moderately well indurated, very fossiliferous, casts/molds (Helicostegina gyralis), intergranular porosity; Chert, 10%, brownish gray (5YR 4/1).
5/7/2016	1,840	1,850	Same as above.
5/7/2016	1,850	1,860	Same as above.
5/7/2016	1,860	1,870	Dolomite: 100%, moderate yellowish brown (10YR 5/4) to dark yellowish brown (10YR 4/2), fine to medium crystalline, moderately hard, well indurated, intercrystalline porosity; Chert, trace, brownish gray (5YR 4/1).
5/7/2016	1,870	1,880	Limestone: 100%, yellowish gray (5Y 7/2), micritic, chalky, soft, moderately indurated.
5/7/2016	1,880	1,890	Limestone: 100%, yellowish gray (5Y 7/2), micritic, chalky, soft, moderately indurated; Chert, trace, brownish gray (5YR 4/1).



**Florida Power & Light Company**  
**Okeechobee Clean Energy Center**  
**Exploratory Well EW-1**  
**Lithologic Description**



Date	Depth (ft. bpl)		Observer's Description
	From	To	
5/7/2016	1,890	1,900	Dolomite and Limestone: Dolomite, 80%, pale yellowish brown (10YR 6/2), microcrystalline, hard; Limestone, 20%, micritic, chalky, soft, poorly indurated, intergranular porosity.
5/7/2016	1,900	1,910	Limestone: 100%, yellowish gray (5Y 7/2), micritic, chalky, soft, moderately indurated, intergranular porosity.
5/7/2016	1,910	1,920	Limestone: 100%, yellowish gray (5Y 7/2), micritic, chalky, soft, poorly indurated, intergranular porosity; Clay, trace, medium dark gray (N4), soft.
5/7/2016	1,920	1,930	Dolomite and Limestone: Dolomite, 80%, moderate yellowish brown (10YR 5/4), fine to medium crystalline, moderately hard, well indurated, intercrystalline porosity; Limestone, 20%, yellowish gray (5Y 7/2), micritic, chalky, soft, poorly indurated, intergranular porosity; Clay, trace, medium dark gray (N4), soft.
6/22/2016	1,930	1,940	Limestone: 100%, yellowish gray (5Y 7/2), fine to coarse grained, moderately soft, moderately well indurated, mulluskan fossil fragments, glauconitic, intergranular porosity.
6/22/2016	1,940	1,950	Same as above.
6/22/2016	1,950	1,960	Same as above.
5/7/2016	1,960	1,970	Limestone: 100%, yellowish gray (5Y 7/2), micritic to fine grained, moderately soft, poorly indurated, intergranular porosity; Dolomite, trace.
5/7/2016	1,970	1,980	Limestone and Dolomite: Limestone, 70%, yellowish gray (5Y 7/2), micritic, soft, poorly indurated, intergranular porosity; Dolomite, 30%, moderate yellowish brown (10YR 5/4), fine to medium crystalline, moderately hard, well indurated, intercrystalline porosity.
5/7/2016	1,980	1,990	Limestone: Limestone: 100%, very pale orange (10YR 8/2), micritic, soft, poorly indurated, intergranular porosity; Clay, trace, medium dark gray (N4), soft; Dolomite, trace.
5/7/2016	1,990	2,000	Limestone and Dolomite: Limestone, 60%, very pale orange (10Y 8/2), micritic, soft, poorly indurated, intergranular porosity; Dolomite, 40%, moderate yellowish brown (10YR 5/4), fine to medium crystalline, moderately hard, well indurated, intercrystalline porosity.
6/24/2016	2,000	2,010	Limestone and Chert: Limestone, 90%, very pale orange (10Y 8/2) to yellowish gray (5Y 8/1), micritic, moderately soft, moderately well indurated, slightly fossiliferous, intergranular porosity; Chert, 10%, brownish black (5YR 2/1), medium dark gray (N4), and olive gray (5Y 4/1), cryptocrystalline, very hard, brittle, sharp edges.
6/25/2016	2,010	2,020	Same as above.
6/26/2016	2,020	2,030	Same as above.
6/27/2016	2,030	2,040	Limestone: 100%, very pale orange (10Y 8/2) to yellowish gray (5Y 8/1), micritic, moderately soft, moderately well indurated, slightly fossiliferous, intergranular porosity.
6/27/2016	2,040	2,050	Dolomite: 100%, light olive gray (5Y 5/2) to olive gray (5Y 3/2), black mineral speckled throughout, fine crystalline, moderately hard, well indurated, slightly vuggy.
6/27/2016	2,050	2,060	Limestone and Dolomite: Limestone, 60%, yellowish gray (5Y 8/1) to white (N9), micritic, moderately hard, moderately well indurated, glauconitic, intergranular porosity; Dolomite: 40%, light olive gray (5Y 5/2) to olive gray (5Y 3/2), black mineral speckled throughout, fine crystalline, moderately hard, well indurated, slightly vuggy.
6/27/2016	2,060	2,070	Limestone and Dolomite: Limestone, 50%, yellowish gray (5Y 8/1) to white (N9), micritic, moderately hard, moderately well indurated, glauconitic, intergranular porosity; Dolomite: 50%, light olive gray (5Y 6/1), black mineral speckled throughout, fine to medium crystalline, moderately hard, moderately well indurated, slightly vuggy, intercrystalline porosity.

**Florida Power & Light Company**  
**Okeechobee Clean Energy Center**  
**Exploratory Well EW-1**  
**Lithologic Description**



Date	Depth (ft. bpl)		Observer's Description
	From	To	
6/27/2016	2,070	2,080	Limestone and Dolomite: Limestone, 70%, yellowish gray (5Y 8/1) to white (N9), micritic, moderately hard, moderately well indurated, fossiliferous, intergranular porosity; Dolomite: 30%, light olive gray (5Y 6/1) and medium light gray (N6), fine crystalline, moderately hard, moderately well indurated, slightly vuggy, intercrystalline porosity.
6/27/2016	2,080	2,090	Dolomite: 100%, very pale orange (10YR 8/2), fine grained to fine crystalline, moderately hard, moderately well indurated, fossiliferous, intergranular porosity.
6/28/2016	2,090	2,100	Dolomite: 100%, very pale orange (10YR 8/2), pale yellowish brown (10YR 6/2) and medium gray (N5), fine grained to fine crystalline, moderately hard, well indurated, slightly vuggy, intergranular porosity; Trace, organic matter, black (N1).
6/28/2016	2,100	2,110	Same as above.
6/28/2016	2,110	2,120	Same as above.
6/29/2016	2,120	2,130	Same as above.
6/29/2016	2,130	2,140	Limestone: very pale orange (10YR 8/2) to grayish orange (10YR 7/4), fine grained, moderately soft, moderately indurated, fossiliferous (pelletal), intergranular porosity.
6/29/2016	2,140	2,150	Same as above.
6/29/2016	2,150	2,160	Dolomite and Limestone: Dolomite, 70%, very pale orange (10YR 8/2) to pale yellowish brown (10YR 6/2), fine crystalline, moderately hard, well indurated, slightly vuggy, intercrystalline and vuggy porosity; Limestone, 30%, very pale orange (10YR 8/2) to grayish orange (10YR 7/4), fine grained, moderately soft, moderately indurated, fossiliferous (pelletal), intergranular porosity.
6/29/2016	2,160	2,170	Dolomite and Limestone: Dolomite, 50%, very pale orange (10YR 8/2) to pale yellowish brown (10YR 6/2), fine crystalline, moderately hard, well indurated, slightly vuggy, intercrystalline and vuggy porosity; Limestone, 50%, very pale orange (10YR 8/2) to grayish orange (10YR 7/4), fine grained, moderately soft, moderately indurated, fossiliferous (pelletal), intergranular porosity.
6/29/2016	2,170	2,180	Limestone: 100%, very pale orange (10YR 8/2), very fine grained, moderately soft, moderately indurated, fossiliferous, intergranular porosity.
6/29/2016	2,180	2,190	Same as above.
6/29/2016	2,190	2,200	Dolomitic Limestone: 100%, pale yellowish brown (10YR 6/2), very fine grained to fine crystalline, moderately soft, moderately indurated, vuggy, slightly fossiliferous, intercrystalline and vuggy porosity.
6/29/2016	2,200	2,210	Dolomitic Limestone: 100%, pale yellowish brown (10YR 6/2) and grayish orange (10YR 7/4), very fine grained to fine crystalline, moderately soft, moderately well indurated, vuggy, slightly fossiliferous, intercrystalline and vuggy porosity.
6/30/2016	2,210	2,220	Same as above.
6/30/2016	2,220	2,230	Same as above.
6/30/2016	2,230	2,240	Same as above.
6/30/2016	2,240	2,250	Same as above.
6/30/2016	2,250	2,260	Dolomite: 100%, dark yellowish brown (10YR 4/2), fine crystalline, very hard, well indurated, slightly vuggy, low intercrystalline porosity.
6/30/2016	2,260	2,270	Same as above.
7/2/2016	2,270	2,280	Same as above.
7/2/2016	2,280	2,290	Same as above.
7/2/2016	2,290	2,300	Dolomite: 100%, dark yellowish brown (10YR 4/2), dusky yellowish brown (10YR 2/2), and moderate yellowish brown (10YR 5/4), fine crystalline to microcrystalline, very hard, well indurated, rittle, slightly vuggy, low intercrystalline porosity.
7/2/2016	2,300	2,310	Same as above.
7/2/2016	2,310	2,320	Dolomite: 100%, dark yellowish brown (10YR 4/2) and dusky yellowish brown (10YR 2/2), some grayish black (N2) banding, microcrystalline, very hard, well indurated, low intercrystalline porosity.

**Florida Power & Light Company**  
**Okeechobee Clean Energy Center**  
**Exploratory Well EW-1**  
**Lithologic Description**



Date	Depth (ft. bpl)		Observer's Description
	From	To	
7/2/2016	2,320	2,330	Same as above.
7/2/2016	2,330	2,340	Dolomite: 100%, dark yellowish brown (10YR 4/2), dusky yellowish brown (10YR 2/2), and moderate yellowish brown (10YR 5/4), microcrystalline, very hard, very well indurated, brittle, low intercrystalline porosity.
7/2/2016	2,340	2,350	Same as above.
7/4/2016	2,350	2,360	Dolomite: 100%, moderate yellowish brown (10YR 5/4), fine crystalline, hard, moderately indurated, intercrystalline porosity.
7/4/2016	2,360	2,370	Dolomite: 100%, dark yellowish brown (10YR 4/2) and moderate yellowish brown (10YR 5/4), fine crystalline to microcrystalline, very hard, well indurated, brittle, intercrystalline porosity.
7/4/2016	2,370	2,380	Dolomite: 100%, dark yellowish brown (10YR 4/2) and dusky yellowish brown (10YR 2/2), some small (1 to 2mm) black inclusions, fine crystalline to microcrystalline, very hard, very well indurated, low intercrystalline porosity.
7/4/2016	2,380	2,390	Dolomite: 100%, dark yellowish brown (10YR 4/2) and moderate yellowish brown (10YR 5/4), fine crystalline to microcrystalline, very hard, well indurated, brittle, intercrystalline porosity.
7/4/2016	2,390	2,400	Same as above.
7/4/2016	2,400	2,410	Dolomite: 100%, dark yellowish brown (10YR 4/2) and moderate yellowish brown (10YR 5/4), fine crystalline to microcrystalline, very hard, well indurated, intercrystalline
7/4/2016	2,410	2,420	Dolomite: 100%, pale yellowish brown (10YR 6/2), dark yellowish brown (10YR 4/2) and moderate yellowish brown (10YR 5/4), some small black specks, microcrystalline, very hard, well indurated, intercrystalline porosity.
7/4/2016	2,420	2,430	Dolomite: 100%, pale yellowish brown (10YR 6/2), dark yellowish brown (10YR 4/2) and moderate yellowish brown (10YR 5/4), some very thin black veining, microcrystalline, very hard, well indurated, intercrystalline porosity.
7/4/2016	2,430	2,440	Dolomite: 100%, dark yellowish brown (10YR 4/2) and moderate yellowish brown (10YR 5/4), microcrystalline, very hard, fairly well indurated, brittle, intercrystalline porosity.
7/5/2016	2,440	2,450	Dolomite: 100%, pale yellowish brown (10YR 6/2), dark yellowish brown (10YR 4/2) and moderate yellowish brown (10YR 5/4), microcrystalline, very hard, well indurated, intercrystalline porosity.
7/5/2016	2,450	2,460	Same as above.
7/5/2016	2,460	2,470	Dolomite: 100%, moderate yellowish brown (10YR 5/4), microcrystalline, hard, moderately well indurated, intercrystalline porosity.
7/5/2016	2,470	2,480	Dolomite: 100%, dark yellowish brown (10YR 4/2) and moderate yellowish brown (10YR 5/4), microcrystalline, hard, moderately well indurated, intercrystalline porosity.
7/5/2016	2,480	2,490	Dolomite: 100%, pale yellowish brown (10YR 6/2), microcrystalline, hard, moderately well indurated, intercrystalline porosity.
7/6/2016	2,490	2,500	Same as above.
7/8/2016	2,500	2,510	Dolomite: 100%, pale yellowish brown (10YR 6/2), dark yellowish brown (10YR 4/2) and moderate yellowish brown (10YR 5/4), microcrystalline, very hard, well indurated, slightly vuggy, intercrystalline and vuggy porosity; Anhydrite, trace, very light gray (N8) to medium light gray (N6).
7/8/2016	2,510	2,520	Dolomite: 100%, dark yellowish brown (10YR 4/2) and moderate yellowish brown (10YR 5/4), microcrystalline, hard, moderately well indurated, intercrystalline porosity.
7/8/2016	2,520	2,530	Same as above.
7/10/2016	2,530	2,540	Dolomite: 100%, dark yellowish brown (10YR 4/2) and moderate yellowish brown (10YR 5/4), microcrystalline, very hard, fairly well indurated, brittle, intercrystalline
7/10/2016	2,540	2,550	Same as above.
7/10/2016	2,550	2,560	Same as above.

**Florida Power & Light Company**  
**Okeechobee Clean Energy Center**  
**Exploratory Well EW-1**  
**Lithologic Description**



Date	Depth (ft. bpl)		Observer's Description
	From	To	
7/12/2016	2,560	2,570	Dolomite: 100%, moderate yellowish brown (10YR 5/4), microcrystalline, very hard, fairly well indurated, brittle, mold filling anhydrite, intercrystalline porosity.
7/12/2016	2,570	2,580	Same as above.
7/12/2016	2,580	2,590	Dolomite and Anhydrite: dolomite, 95%, dark yellowish brown (10YR 4/2) and moderate yellowish brown (10YR 5/4), microcrystalline, very hard, fairly well indurated, brittle, intercrystalline porosity; Anhydrite, 5%, very light gray (N8) to medium light gray (N6).
7/12/2016	2,590	2,600	Dolomite: 100%, grayish black (N2), microcrystalline, very hard, well indurated, intercrystalline porosity; Anhydrite, trace.
7/12/2016	2,600	2,610	Dolomite: 100%, dark yellowish brown (10YR 4/2) to moderate yellowish brown (10YR 5/4), microcrystalline, very hard, well indurated, brittle, intercrystalline porosity; Lignite, trace.
7/12/2016	2,610	2,620	Dolomite: 100%, pale yellowish brown (10YR 6/2) to dark yellowish brown (10YR 4/2), microcrystalline, very hard, fairly well indurated, brittle, intercrystalline porosity; Anhydrite, trace.
7/12/2016	2,620	2,630	Dolomite: 100%, dark yellowish brown (10YR 4/2) to moderate yellowish brown (10YR 5/4), microcrystalline, very hard, well indurated, brittle, intercrystalline porosity; Lignite, trace.
7/12/2016	2,630	2,640	Dolomitic Limestone: 100%, pale yellowish brown (10YR 6/2), coarse grained, subangular, poorly sorted, moderately well indurated, slightly fossiliferous, intergranular porosity.
7/12/2016	2,640	2,650	Dolomitic Limestone: 100%, pale yellowish brown (10YR 6/2), fine to medium grained, subrounded, well sorted, moderately well indurated, intergranular porosity.
7/12/2016	2,650	2,660	Same as above.
7/12/2016	2,660	2,670	Missed Sample.
7/12/2016	2,670	2,680	Missed Sample.
7/12/2016	2,680	2,690	Dolomitic Limestone: 100%, light gray (N7) to white (N9), very fine to fine grained, subrounded, moderate to poorly sorted, moderately indurated, slightly fossiliferous, intergranular porosity.
7/12/2016	2,690	2,700	Same as above.
7/12/2016	2,700	2,710	Same as above.
7/12/2016	2,710	2,720	Dolomitic Limestone: 100%, very pale orange (10YR 8/2), medium to coarse grained, moderately well sorted, poorly indurated, fossiliferous, intergranular porosity.
7/12/2016	2,720	2,730	Same as above.
7/12/2016	2,730	2,740	Same as above.
7/12/2016	2,740	2,750	Same as above.
7/13/2016	2,750	2,760	Dolomite: 100%, yellowish gray (5Y 7/2) to light olive gray (5Y 5/2), fine grained to fine crystalline, small voids filled with anhydrite/gypsum (speckled appearance), moderately indurated, intergranular porosity.
7/13/2016	2,760	2,770	Dolomite: 100%, pale yellowish brown (10YR 6/2), fine grained to fine crystalline, sub-rounded, well sorted, moderately indurated, slight vuggy, intergranular porosity; Anhydrite, trace.
7/13/2016	2,770	2,780	Same as above.
7/13/2016	2,780	2,790	Same as above.
7/13/2016	2,790	2,800	Same as above.
7/13/2016	2,800	2,810	Same as above.
7/13/2016	2,810	2,820	Same as above.
7/13/2016	2,820	2,830	Dolomite and Anhydrite: Dolomite, 95%, pale yellowish brown (10YR 6/2), fine grained, sub-rounded, well sorted, moderately indurated, slight vuggy, intergranular porosity; Anhydrite, 5%, white, slightly translucent .

**Florida Power & Light Company**  
**Okeechobee Clean Energy Center**  
**Exploratory Well EW-1**  
**Lithologic Description**



Date	Depth (ft. bpl)		Observer's Description
	From	To	
7/13/2016	2,830	2,840	Dolomite and Anhydrite: Dolomite, 95%, light olive gray (5Y 6/1), fine crystalline, moderately indurated, intercrystalline porosity; Anhydrite, 5%, white and light bluish gray (5B 7/1), slightly translucent, some small nodules and clasts.
7/13/2016	2,840	2,850	Same as above.
7/13/2016	2,850	2,860	Same as above.
7/13/2016	2,860	2,870	Same as above.
7/13/2016	2,870	2,880	Same as above.
7/13/2016	2,880	2,890	Dolomite: 100%, light olive gray (5Y 5/2), fine crystalline, moderately indurated, intercrystalline porosity; Anhydrite, trace, white and light bluish gray (5B 7/1), slightly translucent, some small nodules.
7/13/2016	2,890	2,900	Same as above.
7/13/2016	2,900	2,910	Dolomite: 100%, pale yellowish brown (10YR 6/2) and light olive gray (5Y 5/2), fine crystalline, moderately indurated, intercrystalline porosity; Anhydrite, trace.
7/14/2016	2,910	2,920	Dolomite and Anhydrite: Dolomite, 80%, pale yellowish brown (10YR 6/2), fine crystalline, moderately indurated, intercrystalline porosity; Anhydrite, 20%, white and light bluish gray (5B 7/1), slightly translucent, some small nodules.
7/14/2016	2,920	2,930	Same as above.
7/14/2016	2,930	2,940	Dolomite: 100%, light olive gray (5Y 5/2), fine crystalline, moderately indurated, intercrystalline porosity; Anhydrite, trace, white and light bluish gray (5B 7/1), slightly translucent, some small nodules and clasts.
7/14/2016	2,940	2,950	Same as above.
7/14/2016	2,950	2,960	Same as above.
7/14/2016	2,960	2,970	Same as above.
7/14/2016	2,970	2,980	Same as above.
7/14/2016	2,980	2,990	Dolomite: 100%, light olive gray (5Y 5/2), fine crystalline, slightly brittle, moderately indurated, intercrystalline porosity; Anhydrite, trace, white and light bluish gray (5B 7/1), slightly translucent, some small nodules and clasts.
7/14/2016	2,990	3,000	Dolomite: 100%, very light gray (N8) to medium light gray (N5) and light olive gray (5Y 5/2), fine crystalline to microcrystalline, slightly brittle, moderately indurated, intercrystalline porosity; Anhydrite, trace, white and light bluish gray (5B 7/1), slightly translucent, clasts.
7/14/2016	3,000	3,010	Same as above.
7/14/2016	3,010	3,020	Same as above.
7/14/2016	3,020	3,030	Dolomite: 100%, light olive gray (5Y 5/2), medium to coarse crystalline, moderately hard, moderately indurated, intercrystalline porosity; Anhydrite, trace, white and light bluish gray (5B 7/1), slightly translucent, small nodules and clasts.
7/14/2016	3,030	3,040	Same as above.
7/14/2016	3,040	3,050	Dolomite and Anhydrite: Dolomite, 80%, pale yellowish brown (10YR 6/2) and medium light gray (N6), microcrystalline, moderately indurated, intercrystalline porosity; Anhydrite, 20%, white and light bluish gray (5B 7/1), slightly translucent, some small nodules.
7/15/2016	3,050	3,060	Dolomite and Anhydrite: Dolomite, 95%, pale yellowish brown (10YR 6/2) and medium light gray (N6), microcrystalline, moderately indurated, intercrystalline porosity; Anhydrite, 5%, white and light bluish gray (5B 7/1), slightly translucent, some small nodules.
7/15/2016	3,060	3,070	Dolomite and Anhydrite: Dolomite, 90%, very light gray (N8) to medium light gray (N5) and pale yellowish brown (10YR 6/2), fine crystalline to microcrystalline, slightly brittle, moderately indurated, intercrystalline porosity; Anhydrite, 10%, white and light bluish gray (5B 7/1), slightly translucent, clasts.
7/15/2016	3,070	3,080	Same as above.



**Florida Power & Light Company  
Okeechobee Clean Energy Center  
Exploratory Well EW-1  
Lithologic Description**



Date	Depth (ft. bpl)		Observer's Description
	From	To	
7/15/2016	3,080	3,090	Dolomite and Anhydrite: Dolomite, 90%, very light gray (N8) to medium light gray (N5) and pale yellowish brown (10YR 6/2), fine crystalline to microcrystalline, moderately indurated, intercrystalline porosity; Anhydrite, 10%, white and light bluish gray (5B 7/1), slightly translucent, clasts.
7/15/2016	3,090	3,100	Dolomite and Anhydrite: Dolomite, 70%, pale yellowish brown (10YR 6/2) and medium light gray (N6), microcrystalline, moderately indurated, intercrystalline porosity; Anhydrite, 30%, white and light bluish gray (5B 7/1), slightly translucent, some small nodules.
7/15/2016	3,100	3,110	Dolomite and Anhydrite: Dolomite, 95%, pale yellowish brown (10YR 6/2), microcrystalline, moderately indurated, intercrystalline porosity; Anhydrite, 5%, white and light bluish gray (5B 7/1), slightly translucent, some small nodules.
7/15/2016	3,110	3,120	Dolomite: 100%, light olive gray (5Y 5/2), microcrystalline, moderately hard, moderately indurated, intercrystalline porosity; Anhydrite, trace, white and light bluish gray (5B 7/1), slightly translucent, small nodules and clasts.
7/15/2016	3,120	3,130	Dolomite and Anhydrite: Dolomite, 80%, pale yellowish brown (10YR 6/2), very pale orange (10YR 8/2) and dark gray (N3), microcrystalline, well indurated, intercrystalline porosity; Anhydrite, 20%, white and light bluish gray (5B 7/1), slightly translucent, some small nodules and clasts.
7/15/2016	3,130	3,140	Dolomite: Dolomite 90%, light olive gray (5Y 5/2), microcrystalline, moderately hard, moderately well indurated, intercrystalline porosity; Anhydrite, 10%, white and light bluish gray (5B 7/1), slightly translucent, small nodules and clasts.
7/15/2016	3,140	3,150	Dolomite: Dolomite 80%, light olive gray (5Y 5/2), microcrystalline, hard, well indurated, intercrystalline porosity; Anhydrite, 20%, white and light bluish gray (5B 7/1), slightly translucent, small nodules and clasts.
7/15/2016	3,150	3,160	Same as above.
7/15/2016	3,160	3,170	Dolomite: Dolomite 80%, light olive gray (5Y 5/2) and very pale orange (10YR 8/2), microcrystalline, moderately hard, moderately well indurated, intercrystalline porosity; Anhydrite, 20%, white and light bluish gray (5B 7/1), slightly translucent, small nodules and clasts.
7/15/2016	3,170	3,180	Dolomite: Dolomite 90%, medium gray (N5), light olive gray (5Y 5/2) and very pale orange (10YR 8/2), microcrystalline, moderately hard, moderately well indurated, intercrystalline porosity; Anhydrite, 10%, white and light bluish gray (5B 7/1), slightly translucent, small nodules and clasts.
7/15/2016	3,180	3,190	Same as above.
7/16/2016	3,190	3,200	Dolomite: Dolomite 70%, medium gray (N5) and light olive gray (5Y 5/2), microcrystalline, moderately hard, moderately well indurated, intercrystalline porosity; Anhydrite, 30%, white and light bluish gray (5B 7/1), slightly translucent, small nodules and clasts.

ft. bpl = feet below pad level