

Lithologic Log
SFWMD L-65 Canal Test Well MF-37
Martin County, Florida

Depth in Feet (bpl)

From	To	Lithologic Description MF-37
0	10	No Samples
10	17	Shell bed, 10% limestone, lt. Grey to white, hard
17	19	Limestone, lt. Grey, very hard, poor intergranular and moldic porosity
19	42	Shell bed, 10% limestone, lt. Grey to white, mod. Hard, moderate loss of circulation at 28' bpl
42	45	Limestone, lt. Grey, very hard, poor intergranular and moldic porosity
45	118	Shell bed, 10% limestone, lt. Grey to white, mod. Hard, moderate loss of circulation at 28' bpl
118	146	Limestone, lt. Grey to white, hard, 40% shell fragments, 20% clay, lt. olive green, loose, 20% phosphate
146	181	Greenish grey wackestone, sticky, 40% allochems, 30% phosphate, < 5% limestone
181	200	Greenish grey wackestone, v. sticky, 15% allochems, 30% phosphate
200	210	Greenish grey wackestone, slightly sticky, 25% allochems, 30% phosphate
210	223	Greenish grey mudstone, v. sticky, 30% phosphate, < 5% allochems
223	265	Greenish grey mudstone, v. sticky, 20% phosphate
265	278	Greenish grey mudstone, v. sticky, 20% phosphate, 10% allochems and limestone *drilling speed increased from 265 to 275 ft. bpl..
278	414	Greenish grey mudstone, v. sticky, 25% phosphate, 5% allochems and limestone *drilling speed increased from 355 to 370 ft. bpl..
414	430	Greenish grey mudstone, v. sticky, 30% phosphate, 10% allochems and limestone
430	499	Greenish grey wackestone, v. sticky, 30% phosphate, 20% allochems and limestone
499	530	Greenish grey wackestone, v. sticky, 60% phosphate, 20% allochems and limestone
530	665	Greenish grey wackestone, v. sticky, 60% phosphate, 25% allochems and limestone
665	703	Light grey wackestone, sticky, 50% phosphate, 30% allochems and limestone
703	761	Light grey packstone, sticky, 50% phosphate, 40% allochems, and 30% clay
761	765	Dark grey to grey packstone (limestone), hard, 30% clay, 5% allochems, phosphatic, good to poor intergranular porosity.
765	778	Dark grey to light grey grainstone (limestone), hard, 5% allochems, <5% phosphate, good intergranular porosity
778	809	Pinkish grey grainstone (limestone), friable, mod. to well indurated, 10% allochems, <5% phosphate, good intergranular and moldic porosity.
809	847	Pinkish grey grainstone (limestone), friable, mod. To well indurated, 25% allochems, good intergranular and moldic porosity.
847	852	Same as above with thin layers of light grey clay, loose, poor to moderate intergranular and moldic porosity.
852	880	Pinkish grey grainstone (limestone), friable, mod. to well indurated, 35% allochems, good intergranular and moldic porosity.
880	884	Same as above with thin layers of light grey clay, loose, poor to moderate intergranular and moldic porosity.

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884	910	Pinkish grey grainstone (limestone), friable, mod. to well indurated, 35% allochems, good intergranular and moldic porosity.
910	931	Pinkish grey to grey grainstone (limestone), friable to hard, mod. to well indurated, 35% allochems, good intergranular and moldic porosity.
931	972	Pinkish grey to medium grey grainstone (limestone), friable to moderately hard, very well indurated, 35% allochems, 15% sand, good moldic porosity.
972	980	Light grey to brown grainstone (dolomitic limestone), moderately hard, 10% allochems, 5% sand, moderately good intergranular porosity.
980	991	Brown grainstone (dolomite), very hard, well indurated, 10% allochems, poor intergranular porosity.
991	1023	Light grey to brown grainstone (dolomitic limestone), moderately hard, well indurated, 15% allochems, moderately good intergranular porosity.
1023	1036	White to light grey grainstone (limestone), friable, micritic, 10% allochems, 10% dolomite, good intergranular porosity.
1036	1086	White to light grey grainstone (limestone), friable, micritic, 10% allochems, good intergranular porosity.
1086	1117	White to light grey grainstone (limestone), friable, micritic, 5% allochems, good intergranular porosity.
1117	1176	White to light grey packstone (limestone), friable, micritic, 35% allochems, low intergranular porosity.
1176	1186	White to light grey packstone (limestone), friable, micritic, 50% allochems, low intergranular porosity.
1186	1191	White to grey mudstone (limestone), friable, micritic, 5-10% allochems, low intergranular porosity.
1191	1342	Tan to grey mudstone/wackestone (limestone), friable, micritic, 5-10% allochems, 5% dolomite, low intergranular porosity.
1342	1357	Tan to grey wackestone (limestone), friable, micritic, 15% allochems, 10% dolomite, low intergranular porosity.
1357	1362	Tan to grey mudstone/wackestone (limestone), friable, micritic, 5-10% allochems, 5% dolomite, low intergranular porosity.