

GEOLOGIC LOG OF TEST/PRODUCTION WELL
CITY OF BOCA RATON, FLORIDA

<u>Depth (Ft.)</u>	<u>Geologic Description</u>
0 - 10	Sand - grey, medium to fine grained, quartz, trace of organic material.
10 - 20	Sand - off-white, fine to medium grained, round to subround, quartz; 5% sand, amber, medium grained, angular, quartz.
20 - 30	Sand - light tan, fine to medium grained, well rounded, quartz; traces of ilmenite; trace of calcareous shell fragments.
30 - 40	Sand - tan, medium grained, round to subround, clear quartz; trace of shell fragments.
40 - 50	Sand - light tan, medium to coarse grained, round to subround, clear quartz, frosted grains.
50 - 60	Sand - light tan, medium to fine grained, round to subangular, clear quartz, frosted grains, some amber quartz.
60 - 73	Sand - light tan, medium to fine grained, subround to subangular, clear quartz.
73 - 78	Sand - medium to fine grained, subround, clear and milky quartz; trace amount of clay, grey.
78 - 85	Sand - light tan, medium to fine grained, subround, quartz.
85 - 94	Sand - light tan, medium to fine grained, subround, quartz; trace amount of limestone; trace amount of clay.
94 - 95	Calcareous sandstone - grey, medium to fine grained, good induration, quartz grains, cavernous, trace amount of ilmenite, calcite crystals; trace amount of phosphate, black, pebbles.
95 - 100	Calcarous sandstone - grey, medium to fine grained, quartz grains, fair induration, porous; 50% sand, medium to fine grained, subround, quartz.

<u>Depth (Ft.)</u>	<u>Geologic Description</u>
100 - 110	Calcareous sandstone - medium to fine grained, subround to subangular, quartz grains, good induration, porous; 50% sand, medium to fine grained, quartz.
110 - 120	Sand - medium to fine grained, well rounded, quartz; 30% sandstone, fine grained, fair to poor induration, friable.
120 - 125	Sand - medium to fine grained, well rounded, quartz; 20% sandstone, fine grained, fair to poor induration, friable.
125 - 138	Calcareous sandstone - grey, medium to fine grained, some coarse grains, good induration, vugular; limited amount of sand.
138 - 145	Calcarous sandstone - grey, medium to fine grained, good induration, porous; limited amount of sand, medium to fine grained, quartz.
145 - 150	Calcareous sandstone - grey, medium to fine grained, quartz grains, calcareous cement, good induration, porous; 50% sand, fine to medium grained, subround, quartz.
150 - 155	Calcareous sandstone - grey, medium to fine grained, quartz grains, calcareous cement, calcite crystals, good porosity.
155 - 170	Calcareous sandstone - grey, medium to fine grained, quartz grains, calcareous cement, calcite crystals, good porosity; limited amount of sand.
170 - 180	Calcareous sandstone - medium to fine grained, quartz grains, good induration, good porosity, vugular; limited amount of sand.
180 - 190	Calcareous sandstone - medium to fine grained, quartz grains, poor induration, friable, vugular; sand.
190 - 210	Calcareous sandstone - medium to fine grained, quartz grains, fair to poor induration.

Total depth of well is 210 feet bls.