



EXPLANATION

Hydrogeologic unit

- Surficial aquifer system
- Intermediate confining unit
- Upper Floridan aquifer
- Middle semiconfining unit
- Avon Park permeable zone
- Lower Floridan aquifer uppermost major permeable zone
- Lower Floridan aquifer confining unit

Lithostratigraphic and sequence stratigraphic unit upper boundaries

- Arcadia Formation
- Lower Arcadia Formation
- Arcadia sequences 1 and 2
- Avon Park Formation
- Upper middle Avon Park Formation
- Lower middle Avon Park Formation
- Lower Avon Park Formation

Primary lithology

- Quartz sand
- Quartz sandstone
- Limestone
- Lime mudstone
- Rudstone
- Floatstone
- Wackestone
- Shell bed
- Dolomite
- Clay
- Packstone
- No sample
- Claystone
- Grainstone
- No data or lithologic description not used

Accessory lithologic components or modifiers

- Sandy
- Silty
- Fossils or fossiliferous
- Succrosic
- Crystals or crystalline
- Phosphatic

Salinity boundary

- Base of brackish groundwater

EXPLANATION FOR BOREHOLE GEOPHYSICAL DATA CURVES

Abbreviation for geophysical tool or device	Description	Unit of measure	Description
CAL1-6 ¹	Calliper	in.	Inch
GR (Ispicad) ²	Gamma ray	GAPI	American Petroleum Institute Standard Units
GAMM	Gamma ray	cps	Counts per second
DPH	Density porosity	percent	Porosity as a percent
RLV ³	Resistivity long normal (AM electrode spacing - 64 inches)	ohm-m	Dhm-meter
RSN ³	Resistivity short normal (AM electrode spacing - 16 inches)	ohm-m	Dhm-meter
RIL ³	Resistivity induction deep (deep radius of investigation)	ohm-m	Dhm-meter
RILM ³	Resistivity induction medium (medium radius of investigation)	ohm-m	Dhm-meter
RILP ³	Resistivity laterolog 3 (shallow focused resistivity)	ohm-m	Dhm-meter
RIL	Resistivity from slim hole induction tool (40 centimeter radius of investigation)	ohm-m	Dhm-meter
Sonic DT	Sonic interval transit time or delta t (compensated)	µsec/ft	Microseconds per foot
XCAL, YCAL	X-calliper and Y-calliper (both on same tool and 90 degrees apart)	in.	Inch

Flow zones evaluated in open hole intervals using borehole flowmeter and fluid properties geophysical data and shown in the flow zones column

- Interval not evaluated for flow
- Open hole interval over which no flow zones were identified
- Flow zone interpreted from borehole flowmeter and fluid properties geophysical data
- Open hole interval over which no flow zones were identified
- Deeper interval not evaluated for flow

EXPLANATION FOR BOREHOLE GEOPHYSICAL DATA CURVES

Number indicates data collection interval number.
Ispicad indicates more than one data collection interval is included. If intervals overlap, splicing was done at the deepest depth of the upper interval.
¹Devices run on electrical resistivity tool.
²Devices run on dual-induction and shallow resistivity tool.

Stratigraphic and Hydrogeologic Cross Sections A-A'

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