

Altitude, in feet below NGVD 1929

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### 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 confining unit

#### Hydrogeologic unit boundaries

- Surficial aquifer system
- Upper Floridan aquifer--dashed where location is uncertain
- Avon Park permeable zone--dashed where location is uncertain
- Lower Floridan aquifer, uppermost major permeable zone--dashed where location is uncertain

#### Lithology

- Quartz sand
- Grainstone
- Dolomite
- Quartz sandstone
- Packstone
- Calcareous dolomite
- Clay or claystone
- Wackestone
- Dolomitic limestone
- Shell bed
- Mudstone
- Dolosilt

#### Accessory lithologic components or modifiers

- Sandy
- Fossils or fossiliferous
- Dolomitic
- Silty
- Phosphatic (trace or minor)
- Vuggy porosity
- Clayey
- Phosphate (common or abundant; greater than 10%)
- Anhydrite
- Calcareous
- Sucrosic
- Shells
- Chert

#### Flow zones evaluated in open-hole intervals using borehole flowmeter and fluid properties geophysical data and shown in flow zone 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
- Flow zone interpreted based on increase in flow during drilling, borehole fluid temperature data, and other borehole geophysical data that indicate formation fracturing
- Open-hole interval over which no flow zones were identified
- Deeper interval not evaluated for flow

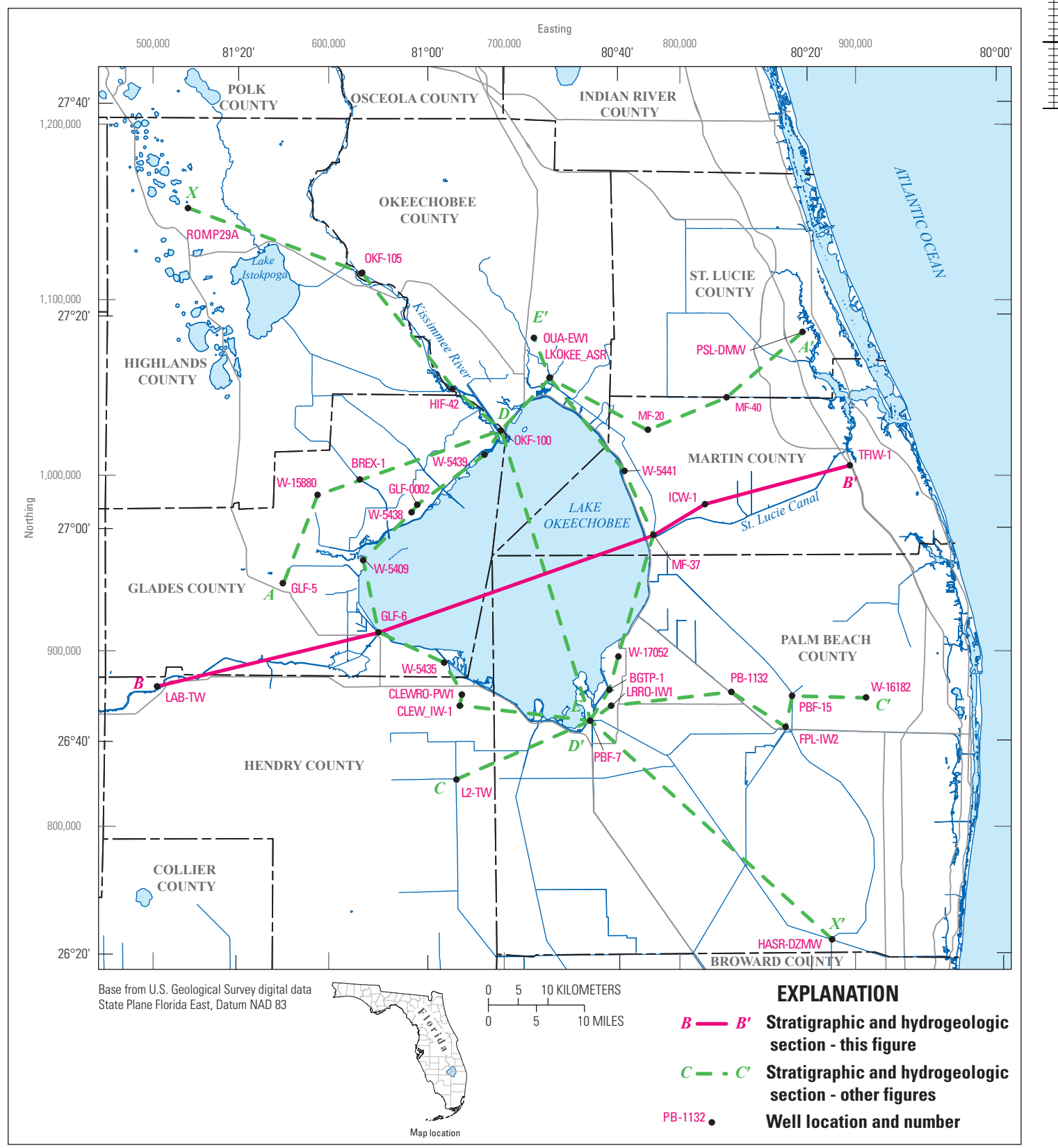
#### Hydraulic test data shown on left side of well plots

- Packer test interval and result. Test is done using drill pipe. SC is specific capacity, in gallons per minute per foot of drawdown.
- Aquifer test interval and result. Test is done of open interval below casing. K is hydraulic conductivity, in feet per day. Values are calculated from transmissivity and thickness of open interval in production well.

#### Borehole geophysical data curves

Abbreviation for geophysical tool or device	Description	Unit of measure	Description
GR (spliced) <sup>1</sup>	Gamma ray	GAPI	American Petroleum Institute Standard Units
GAMM	Gamma ray	cps	Counts per second
CAL	Caliper	in.	Inch
XCAL-1 <sup>2</sup> and YCAL-1 <sup>2</sup>	X-caliper and Y-caliper (both on same tool and 90 degrees apart)	in.	Inch

<sup>1</sup> (Spliced) indicates more than one data collection interval is included in the curve. If intervals overlap, splicing was done at the greatest depth of the upper interval.  
<sup>2</sup> Number indicates separate data collection intervals with number increasing with depth.



## Stratigraphic and hydrogeologic section B-B'

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