

EXPLANATION

Borehole geophysical data curves			
Abbreviation for geophysical tool or device	Description	Unit of measure	Description
GR (spliced) ¹	Gamma ray	GAPI	American Petroleum Institute Standard Units
GAMM	Gamma ray	cps	Counts per second
CAL or HCAL	Caliper	in.	Inch
XCAL-1 ² and YCAL-1 ²	X-caliper and Y-caliper (both on same tool and 90 degrees apart)	in.	Inch
C1 and C2	Calipers from formation microscanner tool (90 degrees apart)	in.	Inch

¹ (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.
² Number indicates separate data collection intervals with number increasing with depth.

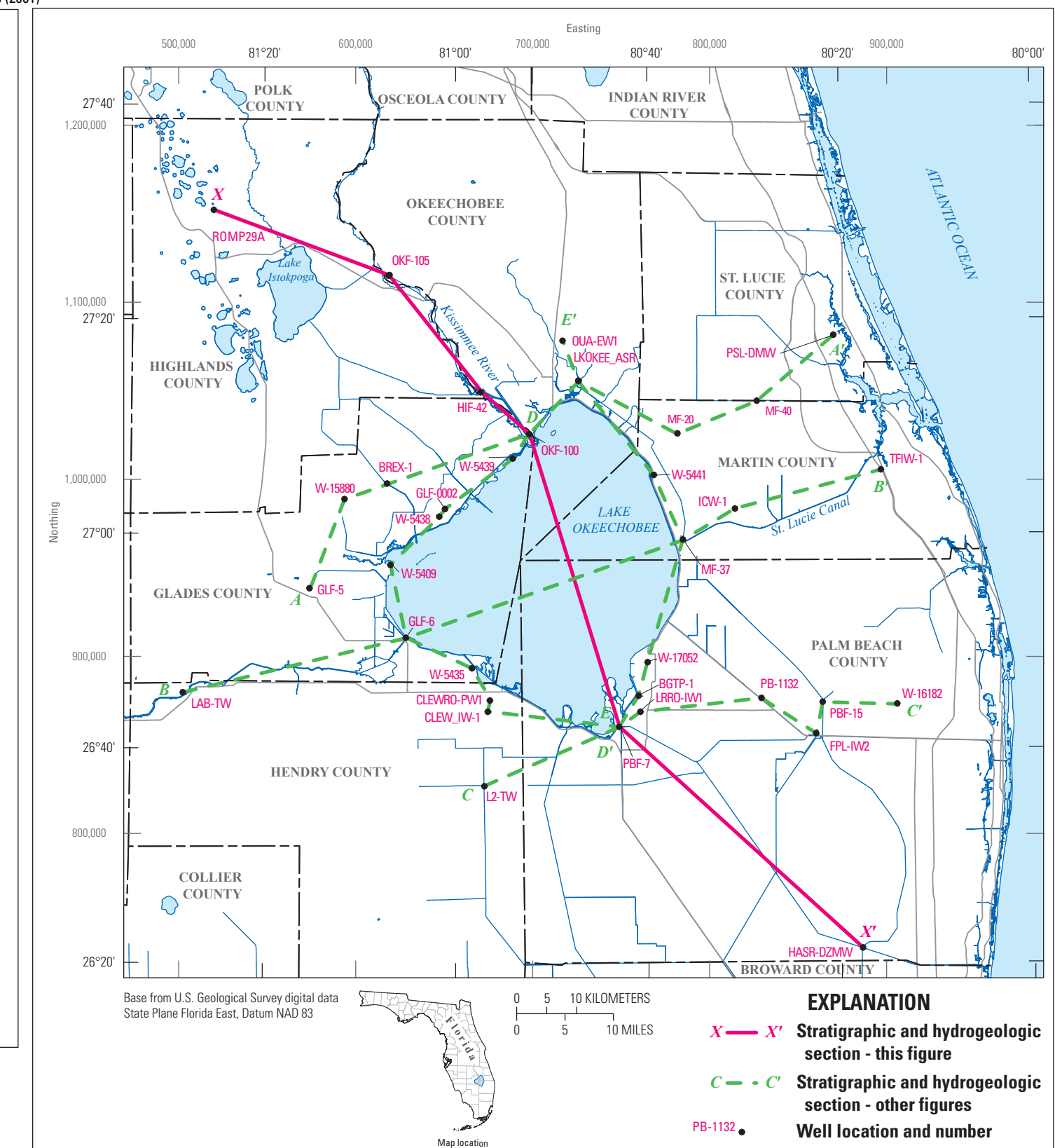
Hydrogeologic unit			
[Symbol]	Surficial aquifer system	[Symbol]	Upper Floridan aquifer - presence of groundwater production uncertain
[Symbol]	Intermediate confining unit	[Symbol]	Middle semiconfining unit
[Symbol]	Upper Floridan aquifer	[Symbol]	Section of fractured limestone that may not be connected to permeable zone below
[Symbol]	Avon Park permeable zone	[Symbol]	Lower Floridan aquifer - uppermost major permeable zone
[Symbol]	Lower Floridan aquifer - uppermost major permeable zone	[Symbol]	Lower Floridan confining unit

Hydrogeologic unit boundaries			
[Symbol]	Surficial aquifer system	[Symbol]	Avon Park permeable zone - dashed where location is uncertain
[Symbol]	Upper Floridan aquifer - dashed where location is uncertain	[Symbol]	Lower Floridan aquifer, uppermost major permeable zone - dashed where location is uncertain
[Symbol]	Middle semiconfining unit	[Symbol]	Lower Avon Park Formation marker horizon
[Symbol]	Lower Floridan aquifer, uppermost major permeable zone - dashed where location is uncertain	[Symbol]	Avon Park Formation
[Symbol]	Lower Avon Park Formation marker horizon	[Symbol]	Lower Avon Park Formation marker horizon

Lithology			
[Symbol]	Quartz sand	[Symbol]	Silt or siltstone
[Symbol]	Quartz sandstone	[Symbol]	Limestone
[Symbol]	Floatstone	[Symbol]	Packstone
[Symbol]	Grainstone	[Symbol]	Wackestone
[Symbol]	Dolomite	[Symbol]	Dolomitic limestone
[Symbol]	Calcareous dolomite	[Symbol]	Dolosilt
[Symbol]	No sample	[Symbol]	No data or lithologic description not used
[Symbol]	Arcadia Formation - dashed where location is uncertain	[Symbol]	Clayey
[Symbol]	Lower Arcadia Formation marker horizon	[Symbol]	Dolomitic
[Symbol]	Suwannee Limestone - dashed where location is uncertain	[Symbol]	Gypsum
[Symbol]	Ocala Limestone - dashed where location is uncertain	[Symbol]	Anhydrite
[Symbol]	Avon Park Formation	[Symbol]	Micritic
[Symbol]	Lower Avon Park Formation marker horizon	[Symbol]	Phosphatic (trace or minor)
[Symbol]		[Symbol]	Phosphate (common or abundant; greater than 10%)
[Symbol]		[Symbol]	Glaucanite
[Symbol]		[Symbol]	Crystals or crystalline
[Symbol]		[Symbol]	Fractures
[Symbol]		[Symbol]	Moldic porosity
[Symbol]		[Symbol]	Vuggy porosity
[Symbol]		[Symbol]	Sandy
[Symbol]		[Symbol]	Silty
[Symbol]		[Symbol]	Fossils or fossiliferous
[Symbol]		[Symbol]	Shells
[Symbol]		[Symbol]	Sucrosic
[Symbol]		[Symbol]	Breccia

Flow zones evaluated in open-hole intervals using borehole flowmeter and fluid properties geophysical data and shown in flow zone column	
[Symbol]	Interval not evaluated for flow
[Symbol]	Open-hole interval over which no flow zones were identified
[Symbol]	Flow zone interpreted from borehole flowmeter and fluid properties geophysical data
[Symbol]	Open-hole interval over which no flow zones were identified
[Symbol]	Flow zone interpreted based on increase in flow during drilling or a packer hydraulic test or both
[Symbol]	Open-hole interval over which no flow zones were identified
[Symbol]	Deeper interval not evaluated for flow

Hydraulic test data shown on left side of well plots	
[Symbol]	Packer test interval and result. Test is done using drill pipe. SC is specific capacity, in gallons per minute per foot of drawdown.
[Symbol]	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.



Stratigraphic and hydrogeologic section X-X'

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