U.S. Department of the Interior
U.S. Geological Survey

Groundwater Resources Program

Professional Paper 1807
Plate 21 of 23

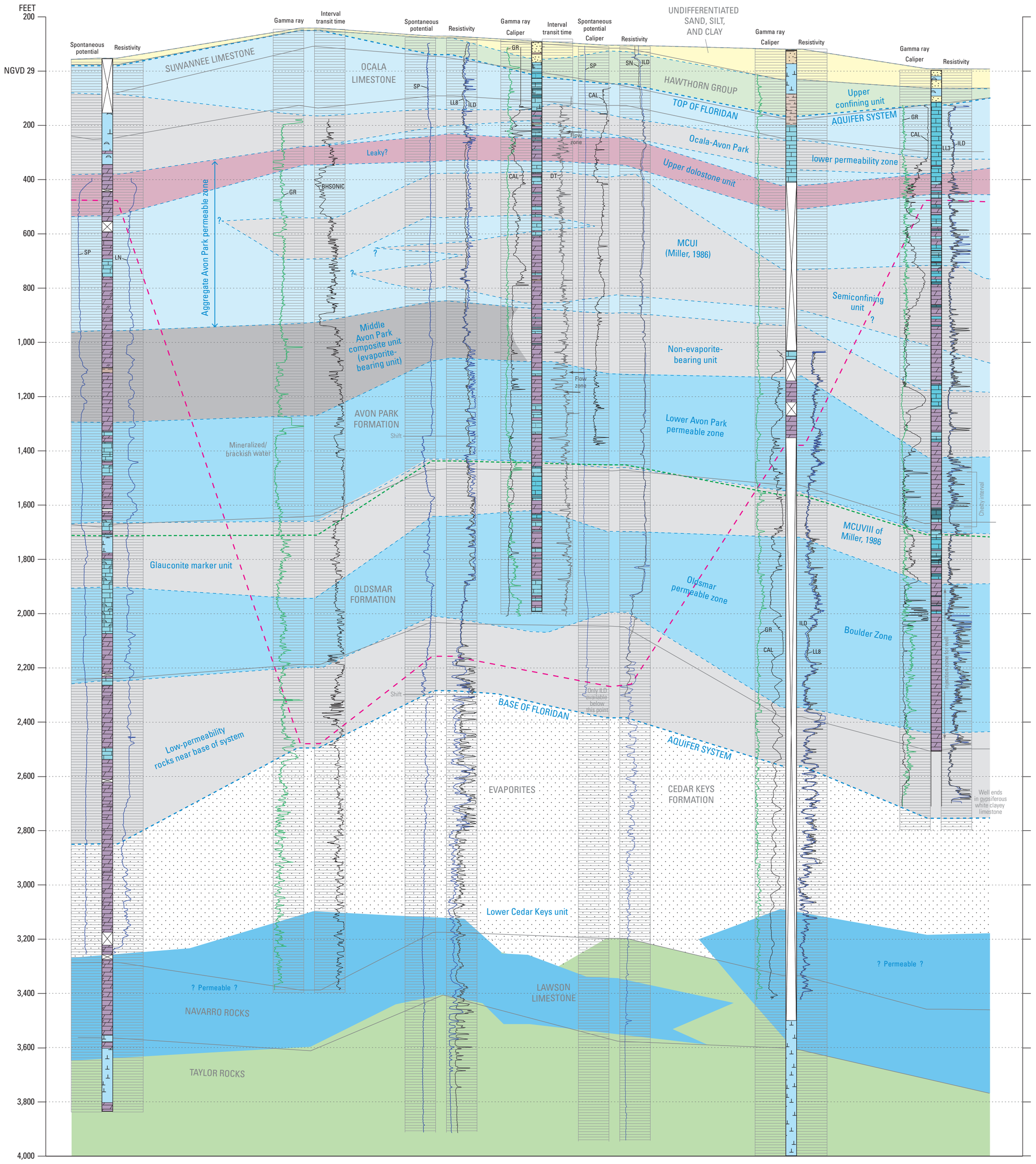
WEST
O

EAST
O′

P1	P743	P629	ORF-60	SdLkRd_IW	P441	BR0444
HEASCO CORP #1 THE OHIO OIL COMPANY	THE LARKIN CO #8-4 AMOCO PRODUCTION CO	ARNOLD INDUSTRIES INC #1 AMOCO PRODUCTION CO	REEDY CREEK IMPROVEMENT DISTRICT LOWER FLORIDAN TEST WELL	SandLakeRd InjectionWell	DESERET FARMS OF FLORIDA INC #1 TEXACO INC	BR1217/W-16226 MERRITT ISLAND
Kelly bushing 47 feet Total depth 8,472 feet	Kelly bushing 19 feet Total depth 7,148 feet	Kelly bushing 127 feet Total depth 5,778 feet	Kelly bushing 85 feet Total depth 2,100 feet	Kelly bushing 90 feet Total depth 6,193 feet	Kelly bushing 75 feet Total depth 7,119 feet	Kelly bushing 4 feet Total depth 2,698 feet

SECTION *J–J′* · SECTION *K–K′* · SECTION *L–L′* · SECTION *M–M′*

28 miles · 18.5 miles · 15.8 miles · 10.0 miles · 24.5 miles · 21.5 miles



EXPLANATION

LITHOLOGY
- Limestone
- Grainstone
- Packstone
- Wackestone
- Mudstone
- Chalk
- Coquina
- Dolostone
- Dolomitic limestone
- Silt-sized dolostone
- Anhydrite dolostone
- Sand
- Clay
- Clayey sand

ADDITIONAL SYMBOLOGY
- Phosphate
- Gypsum bearing
- Chalk or chalky
- Sandy
- Clayey
- Shells or shelly
- Calcareous
- Chert

HYDROGEOLOGIC UNITS OR PROPERTIES
- Surficial aquifer system
- Other aquifers and confining units
  - Aquifer
  - Confining unit
- Upper confining unit of Floridan aquifer system
- Floridan aquifer system
  - Upper Floridan aquifer
  - Lower Floridan aquifer
  - Leaky? dolostone
  - Semiconfining
  - Confining

CONTACT
- Hydrogeologic unit
- Time-stratigraphic unit (Miller, 1986)

APPROXIMATE BOUNDARY OF 10,000-MILLIGRAMS-PER-LITER TOTAL DISSOLVED SOLIDS CONCENTRATION

GLAUCONITE MARKER

WELL AND GEOPHYSICAL LOGS

BHSONIC, borehole compensated sonic log
CAL, caliper
DT, interval transit time log (sonic)
GR, gamma-ray log
ILD, induction log deep
LL3, laterolog 3
LL8, laterolog 8
LN, long-normal resistivity
SN, short-normal resistivity
SP, spontaneous potential

Generalized Hydrogeologic Cross Section *O–O′* from Hernando County to Orange County, Florida

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2015

Digital files available at *http://pubs.usgs.gov/pp/1807/*.

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