

APT ANALYSIS

SITE: Hobe Groves

Section 33 Township 39 S Range 41 E

270223
801448
994400N
745300E

REPORT: USGS Pump Test

GEOLOGIC DATA: pg. 60, Hydro & Geo Data from UECPA, SoEast Fla 79-1543

WELL NUMBER OF WELL DESCRIBED: M-1075

DEPTH (LSD)	LITHOLOGY
0-5	sand, clayey, yellow brown
5-10	sand, clayey, gray & shell
10-35	shells and some clay
35-54	shells, sandstone & dark limestone
54-86	sandstone & shells, hard
86-100	shells, fine grained sand, and clay

Producing zone interval: 35-90 (lsd) _____ (msl)

Aquifer name: _____

Static Water Level at the site is approximately _____ ft. msl.

WELL DESCRIPTIONS:

Well	Diam. (in)	Total Depth	Cased Depth	Scr/Open Intervl	Slot Size	Radius
M1063 PW		89				0
M1074 OB1		100				50
M1075 OB2		100				150

INFLUENCING FACTORS:

APT: pg. _____

Started: 2/25/75

Duration: _____

Discharge: 600 gpm

Recovery: _____

Comments:

1) _____

2) _____

3) _____

CONSULTANT'S ANALYSIS: pg. _____

Method: _____

Results:

Well	Transmissivity (GPD/FT)	S or Sy	Leakance (d^{-1})
<u>OB1</u>	<u>186,000</u>	<u>.1689</u>	<u>.397</u>
<u>OB2</u>	<u>208,000</u>	<u>.0200</u>	<u>.049</u>

Comments: leakance uses 20' aquifer thickness (55' is probably more accurate)

Method: _____

Results:

Well	Transmissivity (GPD/FT)	S or Sy	Leakance ()
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Comments: _____

Method: _____

Results:

Well	Transmissivity (GPD/FT)	S or Sy	Leakance ()
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Comments: _____

REANALYSIS:

Method: Neuman (GWAP)
Results:

Well	Transmissivity (GPD/FT)	S or Sy	Leakance ()
<u>0B2</u>	<u>52,154</u>	<u>1.88×10^{-3}</u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>

Comments: _____

Method: _____
Results:

Well	Transmissivity (GPD/FT)	S or Sy	Leakance ()
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>

Comments: _____

RECOMMENDED VALUES:

Transmissivity (GPD/FT)	Specific Yield or Storage	Leakance
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

REFERENCES: