

APT ANALYSIS

23

SITE: Roschman Enterprises

Section Hanson Grant Township 38 S Range 41 E

REPORT: Groundwater Availability at the Roschman Enterprises
Property Stuart, Florida Nov. 1978 by Geraghty & Miller

749250
1022950

GEOLOGIC DATA: pg. _____, _____

WELL NUMBER OF WELL DESCRIBED: B1

DEPTH (LSD)	LITHOLOGY
0-3.5	sand, gray to lt tan, fine, minor organics
3.5-4.0	Dk brown, cemented, slightly silty, fine sand
4-29.5	sand, tan gray to brown, fine
29.5-35.5	sand, gray, fine with shell fragm & weathered limestone
35.5-42	sand, olive gray, fine, silty, trace shell fragm.
42-46.5	sand, gray, very fine, trace shell fragm.
46.5-50	sand, gray, fine, some loosely cemented sandy limestone nodules
50-57.5	sand, lt gray, cemented, sandy limestone, trace shell fragm.
57.5-62	sand, slightly cemented, gray, fine, trace shell
62-70	sand, gray, fine and limestone nodules, weathered, trace shell

Producing zone interval: 42-? (0-140) (lsd) _____ (msl)

Aquifer name: _____

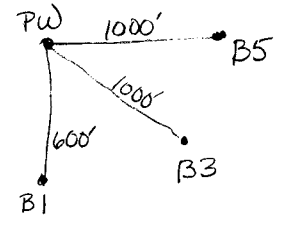
Static Water Level at the site is approximately 10.4' ft. msl.

WELL DESCRIPTIONS:

Well	Diam. (in)	Total Depth	Cased Depth	Scr/Open Intervl	Slot Size	Radius
PW	8	70	62	62-70	OH	0
B1	1 1/2	69	66	64-69	#40	600'
B3	1 1/2	69	66	64-69	#40	1000'
B5	1 1/2	63	60	58-63	#40	1000'
A1	2	73	68	68-73	.040	198
A3	2	68	63	63-68	.040	199
A4	2	71	66	66-71	.040	399

INFLUENCING FACTORS:

APT: pg. _____
 Started: Sept. 19, 1978
 Duration: 71 hrs 55 min
 Discharge: 300 gpm
 Recovery: _____
 Comments: _____



- 1) _____
- 2) _____
- 3) _____

CONSULTANT'S ANALYSIS: pg. 17 Table 2

Method: Prickett
 Results: _____

Well	Transmissivity (GPD/FT)	S or Sy	Leakance ()
B1	181,000	3.3×10^{-4}	
B3	149,000	2.6×10^{-4}	
B5	164,000	1.2×10^{-4}	

Comments: _____

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
Results: _____

Well	Transmissivity (GPD/FT)	S or Sy	Leakance ()
A1	146,298	4.7×10^{-4}	
A4	125,018	2.6×10^{-3}	

Comments: _____

Method: _____
Results: _____

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

Comments: _____

RECOMMENDED VALUES:

Transmissivity (GPD/FT)	Specific Yield or Storage	Leakance

REFERENCES: