

APT ANALYSIS

SITE: Alban-Gould
 Section 28 Township 42 S Range 28 E

REPORT: Murray-Melton

GEOLOGIC DATA: pg. 1

DEPTH (LSD)	LITHOLOGY
0-10	sand
10-15	sandy clay
15-17	limestone
17-21	clay limestone
21-30	limestone
30-40	sandy clay minor limestone
40-46	sandy clay
46-75	clay

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

Base of the aquifer at the site is estimated at _____ ft. msl.

WELL DESCRIPTIONS:

Well	Diam. (in)	Total Depth	Cased Depth	Screen/Open	Plane Coords.		
					r	X	Y
TPW	12	32	13	open	-		
1	4	27	11	↓	100		
2	2	27	12	↓	300		
3	2	45	13	↓	100		

INFLUENCING FACTORS:

water cascading into T.P.W from below casing during test
no recovery data - rainfall event

APT: pg. _____

Started: 1/27/87
Duration: 64 h
Discharge: 180 gpm
Recovery: NA

Comments:

- 1) water cascading into TPW from below casing during APT
- 2) rainfall events
- 3) discharge to pond ^{within} 600' away thru lined ditch
- 4) _____

CONSULTANT'S ANALYSIS: pg. 11

Method: Walton
Results: _____

Well	Transmissivity (GPD/FT)	S	Sy	K' / b'
1	14,734	/	.1590	/
2	14,734		.0535	
3	18,752		.0557	

Comments:

Method: GWAP
Results: _____

Well	Transmissivity (GPD/FT)	S	Sy	K' / b'
1	17,158 14,272	1.59×10^{-4}	.159	/
2	12,430 27,187	1.59×10^{-4}	.0137	
3	17,966 18,807	2.92×10^{-4}	.0679	
	each time	delayed yield		

Comments:

Method: WHIP
Results: _____

Well	Transmissivity (GPD/FT)	S	Sy	K' / b'
1	46,876	5.54×10^{-6}		/
2	56,227	5.49×10^{-5}		
3	52,734	2.85×10^{-5}		
All	45,890	3.52×10^{-5}		

Comments:

REANALYSIS:

Method: _____

Results: _____

Well	Transmissivity (GPD/FT)	S	Sy	K'/b'
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Comments:

Method: _____

Results: _____

Well	Transmissivity (GPD/FT)	S	Sy	K'/b'
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Comments:

RECOMMENDED VALUES:

Transmissivity (GPD/FT)	Storage	Sy	Leakance
15,000	/	.1	/
_____	_____	_____	_____

REFERENCES:

A_g K = 100 ft/d

WT

*A_g T 30
B 10
Th 20*

*location X Y 333600
895250*