

NAME	LOCATION	AQUIFER	GEOLOGY	FORMATION	SAMPLED (m)	DATE (D/M/Y)	Ca (mg/L)	Mg (mg/L)	Na (mg/L)	K (mg/L)	Fe (mg/L)	Mn (mg/L)	Cu (mg/L)	Pb (mg/L)	Zn (mg/L)	HCO <sub>3</sub> (mg/L)	CO <sub>3</sub> (mg/L)	SO <sub>4</sub> (mg/L)	Cl (mg/L)	NO <sub>3</sub> -NO <sub>2</sub> (mg/L-N)	F (mg/L)	B (mg/L)	SiO <sub>2</sub> (mg/L)	HARDNESS (CaCO <sub>3</sub> )	ALKAL (mg/L)	E.C. (µm/cm)	pH	TDS (mg/L)	TEMP (°C)
P.F.R.-1	SW 27-23-05W	LS	S	DAV	12-31	27/05/83	53.5	69.8	6.94	LT 5	LT 0.02	LT 0.02	LT 0.01	LT 0.008	0.04	420	0	17	12	0.05	0.16	0.06	12.2	421	344	689	7.75	430	8
Private Well	SW 23-24-05W	LS	ORR	14-37	28/05/83	68	68	68	68	68	68	68	68	68	68	437	0	181	72	0.08	0.37	—	—	420	388	1060	7.8	709	8
Private Well	SW 26-24-05W	LS	ORR	13-44	28/05/83	60	68	68	68	68	68	68	68	68	68	437	0	181	72	0.08	0.37	—	—	420	388	1060	7.8	709	8
Private Well	SE 36-34-05W	LS	ORR	13-44	28/05/83	60	68	68	68	68	68	68	68	68	68	437	0	181	72	0.08	0.37	—	—	420	388	1060	7.8	709	8
Private Well	NE 22-23-05W	LS	S	DAV	11-28	27/05/83	68	68	68	68	68	68	68	68	68	437	0	181	72	0.08	0.37	—	—	420	388	1060	7.8	709	8
Private Well	SW 23-24-05W	LS	S	DAV	11-28	27/05/83	68	68	68	68	68	68	68	68	68	437	0	181	72	0.08	0.37	—	—	420	388	1060	7.8	709	8
Private Well	SW 23-24-05W	LS	S	DAV	11-28	27/05/83	68	68	68	68	68	68	68	68	68	437	0	181	72	0.08	0.37	—	—	420	388	1060	7.8	709	8
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**PROVINCE OF MANITOBA  
DEPARTMENT OF NATURAL RESOURCES  
WATER RESOURCES BRANCH  
GROUNDWATER AVAILABILITY STUDY**

## CHEMICAL ANALYSES OF WATER

### TABLE 1

**EXPLANATION OF ABBREVIATIONS**

- not analysed
- LT — less than
- ND — not detected
- TR — trace
- LS — limestone &/or dolomite
- S & G — sand and gravel
- SS — sandstone
- SH — shale

\*see FIGURE 2 for abbreviations of Formation names

**Prepared by: R.N. Betcher, 1986**