

# **APPENDIX B**

Water Well Records

DRAFT



Well Computer Print Out Data as of November 27 2008

TOWNSHIP CONCESSION (LOT)	UTM <sup>1</sup>	DATE <sup>2</sup> CNTR <sup>3</sup>	CASING DIA <sup>4</sup>	WATER <sup>5,6</sup> DETAIL	STAT LVL/PUMP LVL <sup>7</sup> RATE <sup>8</sup> /TIME HR:MIN	WATER USE <sup>9</sup>	SCREEN INFO <sup>10</sup>	WELL # (AUDIT#) WELL TAG # DEPTHS TO WHICH FORMATIONS EXTEND <sup>5,11</sup>
NEWCASTLE TOWN (DARL BF (025))	17 681539 4860251 <sup>W</sup>	1967/08 2615	36	FR 0005	007 / 002 / :0	ST		1901119 ( ) BLCK LOAM 0001 BRWN CLAY 0005 BRWN CLAY GRVL 0023 BLUE CLAY 0025
NEWCASTLE TOWN (DARL BF (026))	17 680840 4860616 <sup>L</sup>	1997/11 2662	06 06	FR 0104	020 / 145 / 0:0	CO		1913543 (180689) BRWN CLAY 0006 GREY CLAY STNS 0028 BRWN SILT SAND 0035 GREY SILT CLAY 0051 BRWN SILT SAND 0060 GREY CLAY 0100 BRWN SILT SAND 0103 BLCK SHLE 0104 BRWN LMSN 0145
NEWCASTLE TOWN (DARL BF (026))	17 680840 4860616 <sup>L</sup>	1999/01 2662	06	FR 0053	031 / 039 005 / 1:0	DO		1914269 (198422) BRWN SAND GRVL CLAY 0041 BRWN SAND GRVL WBRG 0053 GREY LMSN 0055
NEWCASTLE TOWN (DARL BF (027))	17 680695 4860303 <sup>W</sup>	1958/04 2615	36	FR 0035	034 / / :0	DO		1901121 ( ) LOAM GRVL 0002 CLAY STNS 0035 MSND 0039
NEWCASTLE TOWN (DARL BF (027))	17 680575 4860323 <sup>W</sup>	1957/08 2113	06	FR 0106	020 / 100 002 / 2:0	ST DO		1901120 ( ) FILL 0001 GREY CLAY MSND 0060 BLUE CLAY 0106 LMSN 0107
NEWCASTLE TOWN (DARL BF (027))	17 680600 4860103 <sup>W</sup>	2004/06 1413	36					1917172 (Z06784)
NEWCASTLE TOWN (DARL BF (027))	17 680489 4860083 <sup>W</sup>	2004/07 1413	00		005 / / :0	NU		1917203 (Z06804) 0015
NEWCASTLE TOWN (DARL BF (027))	17 680405 4860037 <sup>W</sup>	2004/07 1413	00		004 / / :0	NU		1917202 (Z06805) 0020
NEWCASTLE TOWN (DARL BF (027))	17 680544 4860078 <sup>W</sup>	2004/06 1413	36 06					1917171 (Z06785)
NEWCASTLE TOWN (DARL BF (027))	17 680446 4860521 <sup>L</sup>	2004/04 6874	30	FR 0033	031 / / :0	DO		1917081 (Z02874) UNKN 0042
NEWCASTLE TOWN (DARL BF (027))	17 680449 4860521 <sup>L</sup>	1997/11 1413	11 06	FR 0037	002 / 029 003 / 4:0	IN	0030 07	1913507 (178140) BRWN CLAY HARD 0020 BRWN SAND GRVL LOOS 0037
NEWCASTLE TOWN (DARL BF (027))	17 680449 4860521 <sup>L</sup>	1997/03 1413	06	FR 0036	002 / 027 006 / 1:0	IN	0033 03	1913174 (178049) BRWN CLAY HARD 0010 GREY CLAY STNS HARD 0032 GREY GRVL CGRD CLN 0036
NEWCASTLE TOWN (DARL BF (027))	17 680449 4860521 <sup>L</sup>	1997/03 1413	06			IN		1913173 (178048) BRWN CLAY HARD 0010 GREY CLAY GRVL LOOS 0035 GREY CLAY STNS HARD 0060 GREY CLAY DNSE 0075
NEWCASTLE TOWN (DARL BF (027))	17 680449 4860521 <sup>L</sup>	1997/03 1413	06			IN		1913172 (178045) BRWN CLAY DNSE 0007 BRWN SILT SAND LOOS 0030 BRWN GRVL SILT CMTD 0037 GREY CLAY STNS LYRD 0070 GREY SILT STNS SOFT 0071 GREY SAND SILT SOFT 0073 GREY CLAY DNSE 0075
NEWCASTLE TOWN (DARL BF (027))	17 680449 4860521 <sup>L</sup>	1997/02 1413	06 06			IN		1913170 (178043) BRWN CLAY SAND SOFT 0016 GREY CLAY STNS HPAN 0055 GREY CLAY DNSE 0108 BLCK SHLE HARD 0117

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NEWCASTLE TOWN (DARL BF (027))	17 680475 4860903 <sup>N</sup>	1978/01 2214	30	FR 0031	020 / 025 006 / 0:30	CO		1905036 () BRWN CLAY STNS PCKD 0015 BLUE CLAY STNS CMTD 0031 GRVL WBRG LOOS 0033
NEWCASTLE TOWN (DARL BF (027))	17 680115 4861223 <sup>N</sup>	1978/06 2104	06	FR 0043	012 / 030 015 / 5:30	DO	0043 04	1905057 () BRWN CLAY STNS 0025 GREY CLAY GRVL 0043 BRWN MSND GRVL 0046 GREY CLAY 0047
NEWCASTLE TOWN (DARL BF (027))	17 680055 4861203 <sup>N</sup>	1978/10 2104	06	FR 0035	015 / 025 020 / 4:30	IN	0034 04	1905173 () BRWN CLAY STNS 0015 GREY CLAY GRVL HARD 0035 BRWN SAND GRVL LOOS 0037 GREY CLAY 0043
NEWCASTLE TOWN (DARL BF (027))	17 680195 4861203 <sup>N</sup>	1982/04 1572	06	UK 0170	040 / 100 010 / 2:0	IN		1906356 () BRWN LOAM SOFT 0002 GREY CLAY BLDR HARD 0074 GREY CLAY HARD VERY 0110 GREY STNS HARD VERY 0180
NEWCASTLE TOWN (DARL BF (027))	17 680195 4861203 <sup>N</sup>	1983/08 2214	30	FR 0020	015 / 018 007 / 0:30	IN		1906827 () BRWN CLAY PCKD 0010 BLUE CLAY STNS PCKD 0020 BLUE CLAY SAND LYRD 0031
NEWCASTLE TOWN (DARL BF (027))	17 680385 4861271 <sup>N</sup>	1986/09 2104	06	UK 0109 UK 0107	035 / 090 008 / 4:0	CO		1907908 () BRWN CLAY STNS MGRD 0020 GREY CLAY GRVL MGRD 0107 BLCK SHLE LYRD 0109
NEWCASTLE TOWN (DARL BF (027))	17 680380 4861273 <sup>N</sup>	1986/09 2104	06			NU		1907909 () GREY CLAY GRVL MGRD 0110 BLCK SHLE MGRD 0115 BRWN LMSN LYRD HARD 0143
NEWCASTLE TOWN (DARL BF (027))	17 680449 4860521 <sup>L</sup>	1988/09 3129	30	FR 0032	015 / 023 008 / 1:0	DO		1909292 () LOAM 0001 BRWN CLAY 0026 BLUE CLAY 0043 GREY SAND GRVL 0045
NEWCASTLE TOWN (DARL BF (027))	17 680278 4861213 <sup>N</sup>	1989/01 2104	06	UK 0110	040 / 119 001 / 21:0	CO		1909578 () BRWN CLAY MGRD 0030 GREY CLAY MGRD 0108 BLCK LMSN MGRD 0120 BLCK LMSN MGRD 0135
NEWCASTLE TOWN (DARL BF (027))	17 680033 4861102 <sup>N</sup>	1989/01 2104	06	UK 0024	005 / 025 003 / 2:0	CO		1909579 () BRWN CLAY MGRD 0008 BRWN CLAY GRVL MGRD 0020 GREY CLAY GRVL MGRD 0024 BLCK SAND GRVL WBRG 0027
NEWCASTLE TOWN (DARL BF (027))	17 680449 4860521 <sup>L</sup>	1988/11 2214	30	FR 0020 FR 0028	020 / 022 004 / 1:0	DO		1909658 () BLCK LOAM 0001 BRWN CLAY BLDR CMTD 0015 GREY CLAY PCKD 0020 BLUE CLAY SNDY WBRG 0025 BLUE CLAY STNS CMTD 0028 BRWN SAND GRVL WBRG 0035 BRWN SHST WBRG 0037
NEWCASTLE TOWN (DARL BF (027))	17 680267 4861212 <sup>N</sup>	1989/05 1413				CO		1909887 () BRWN CLAY STNS SNDY 0011 BRWN CLAY GRVL LOOS 0019 GREY CLAY STNS SNDY 0026 GREY CLAY STNS PCKD 0035 BRWN SAND GRVL PCKD 0046 GREY CLAY PCKD 0109 BLCK SHLE HARD 0109
NEWCASTLE TOWN (DARL BF (027))	17 680285 4861204 <sup>N</sup>	1989/05 1413				CO		1909889 () BRWN CLAY SAND LOOS 0005 BRWN CLAY GRVL LOOS 0019 BRWN SAND GRVL LOOS 0031 GREY CLAY STNS SNDY 0045 GREY CLAY STNS PCKD 0060

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NEWCASTLE TOWN (DARL BF (027))	17 680340 4861202 <sup>N</sup>	1989/07 2214	18	FR 0026	005 / 028 014 / 1:40	CO		1910026 () BRWN CLAY STNS PCKD 0005 BRWN CLAY STNS CMTD 0015 GREY CLAY PCKD HARD 0026 GREY SAND WBRG PCKD 0034 GREY CLAY STNS CMTD 0036
NEWCASTLE TOWN (DARL BF (027))	17 680316 4861175 <sup>N</sup>	1989/07 2214	30	FR 0039	006 / 029 014 / 1:10	CO		1910027 () SAND GRVL PCKD 0010 SAND GRVL CMTD 0018 GREY SAND SILT HARD 0023 GREY SILT SNDY PCKD 0028 GREY CLAY SILT PCKD 0042
NEWCASTLE TOWN (DARL BF (027))	17 680326 4861212 <sup>N</sup>	1988/06 2214	18	FR 0022	007 / 027 / :0	DO CO		1910028 () CLAY STNS PCKD 0005 BRWN CLAY STNS CMTD 0015 GREY CLAY STNS PCKD 0022 GREY STNS WBRG PCKD 0034 BRWN CLAY STNS CMTD 0036
NEWCASTLE TOWN (DARL BF (027))	17 680336 4861196 <sup>N</sup>	1989/07 2214	30	FR 0030 FR 0018	011 / 028 014 / :45	CO		1910029 () BRWN CLAY PCKD 0008 BRWN CLAY SNDS CMTD 0022 BRWN CLAY SNDS LYRD 0030 BRWN SAND WBRG 0035
NEWCASTLE TOWN (DARL BF (027))	17 680449 4860521 <sup>L</sup>	1991/08 2214	24 18	FR 0028 FR 0043	015 / 036 005 / 1:0	DO		1911249 () BLCK LOAM 0002 BRWN CLAY STNS 0020 GREY CLAY STNS CMTD 0028 BLCK SAND WBRG 0029 GREY CLAY STNS CMTD 0042 BLCK SAND GRVL WBRG 0045
NEWCASTLE TOWN (DARL BF (027))	17 680492 4860935 <sup>N</sup>	1993/08 3129	06 06	FR 0022 GS 0108	008 / 071 003 / 4:0	CO	0108 06	1911762 () BRWN LOAM 0005 GREY CLAY STNS 0022 GREY CLAY SNDS WBRG 0034 GREY CLAY STNS HARD 0068 GREY CLAY STNS SOFT 0106 GREY GRVL SNDY WBRG 0108 GREY STNS CLAY SNDY 0113 SHLE ROCK 0113
NEWCASTLE TOWN (DARL BF (027))	17 680449 4860521 <sup>L</sup>	1997/02 1413	06			IN		1913169 (178042) BRWN CLAY DNSE HARD 0014 GREY CLAY SAND HARD 0057 GREY CLAY SAND LYRD 0062 GREY CLAY DNSE 0075
NEWCASTLE TOWN (DARL BF (028))	17 679775 4860683 <sup>N</sup>	1963/05 2801	07	FR 0032	012 / 019 014 / 8:0	DO	0032 04	1901122 () LOAM 0001 CLAY GRVL 0014 GRVL CLAY 0025 CLAY SILT GRVL 0032 MSND GRVL CLAY 0044 CLAY GRVL 0053 GRVL SHLE CLAY 0059 CLAY GRVL 0081 BLUE CLAY GRVL 0092 SHLE 0096
NEWCASTLE TOWN (DARL BF (028))	17 680029 4860455 <sup>L</sup>	1986/07 4814	06	FR 0100	005 / 094 004 / 10:0	CO		1908319 () BRWN CLAY STNS 0014 GREY CLAY STNS 0038 GRVL SNDY 0046 GREY CLAY STNS SNDY 0060 GREY CLAY STNS 0068 GREY SHLE CLAY GRVL 0096 GREY CGVL CLYY 0100 CGVL FGRD 0104
NEWCASTLE TOWN (DARL BF (029))	17 680055 4860693 <sup>N</sup>	1955/09 5454	04	FR 0038	020 / 032 002 / 4:0	DO		1901123 () LOAM MSND 0001 CLAY 0011 BLUE CLAY 0022 BLUE CLAY GRVL 0038 CSND GRVL 0040
NEWCASTLE TOWN (DARL BF (029))	17 679615 4860673 <sup>N</sup>	1963/05 2801				NU		1901125 () LOAM 0001 BRWN CLAY BLDR GRVL 0006 GREY CLAY GRVL 0030 CLAY GRVL 0037 GRVL CLAY 0038 CLAY GRVL 0059 SHLE 0067

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NEWCASTLE TOWN (DARL BF (029)	17 679595 4860963 <sup>N</sup>	1956/10 4107	06	FR 0049	015 / 036 008 / 2:0	DO		1901124 ( ) PRDG 0034 BLUE CLAY 0038 MSND 0046 GRVL 0049
NEWCASTLE TOWN (DARL CON 01(026)	17 679918 4861189 <sup>N</sup>	1989/07 1413	06	FR 0052	014 / 004 / 5:30	DO	0049 03	1910033 ( ) BRWN CLAY STNS SNDY 0018 BRWN GRVL CLAY CGRD 0020 GREY CLAY STNS SOFT 0028 BRWN GRVL CLAY CGRD 0034 GREY CLAY STNS SNDY 0040 BRWN GRVL SAND CLN 0052
NEWCASTLE TOWN (DARL CON 01(028)	17 680257 4861218 <sup>N</sup>	1994/03 3136	06 06	FR 0109	032 / 150 003 / 1:0	IN		1911949 (24160) BRWN LOAM 0002 GREY CLAY SAND STNS 0025 GREY CLAY SAND SLTY 0109 BLCK ROCK LYRD 0157
NEWCASTLE TOWN (DARL CON 01(028)	17 679692 4861182 <sup>N</sup>	1957/11 2113	06 06	FR 0039	036 / 049 005 / 6:0	DO ST	0039 10	1901183 ( ) PRDG 0038 GRVL MSND 0048 GREY CLAY MSND STNS 0071 GREY CLAY STNS 0102 GREY CLAY 0112
NEWCASTLE TOWN (DARL 01(006)	17 680423 4860262 <sup>N</sup>	2007/10 4102			/ / :0			7053112 (Z67907)
NEWCASTLE TOWN (DARL ( )	17 680115 4861148 <sup>N</sup>	2008/03 3030	36	FR 0022 0030 0045	017 / 004 / 1:0			7103759 (Z68288) A072506 BRWN CLAY FILL 0003 BRWN CLAY 0022 GREY SILT STNS HARD 0030 GREY SILT SAND LYRD 0050
BROCK TOWNSHIP (THOR CON 07(010)	17 680405 4860036 <sup>N</sup>	2004/08 1413	36		010 / / :0			1917263 (Z06806)
BOWMANVILLE TOWN ( )	17 681410 4860966 <sup>N</sup>	2008/03 6809						7104714 (M01171) A071803
WHITBY TOWN 01(006)	17 680505 4860297 <sup>N</sup>	2007/10 4102			/ / :0			7053102 (Z67906)
MANVERS TOWNSHIP CON 08(024)	17 680405 4860036 <sup>N</sup>	2004/07 1413	06	FR 0062	010 / 049 016 / 1:0	DO	0060 04	6417757 (Z06802) A006672 BRWN SAND 0040 BRWN SAND 0064

- Notes:
1. UTM in Zone, Easting, Northing and Datum is NAD83; L: UTM estimated from Centroid of Lot; W: UTM not from Lot Centroid
  2. Date Work Completed
  3. Well Contractor Licence Number
  4. Casing diameter in inches
  5. Unit of Depth in Feet
  6. See Table 4 for Meaning of Code
  7. STAT LVL: Static Water Level in Feet ; PUMP LVL: Water Level After Pumping in Feet
  8. Pump Test Rate in GPM, Pump Test Duration in Hour : Minutes
  9. See Table 3 for Meaning of Code
  10. Screen Depth and Length in feet
  11. See Table 1 and 2 for Meaning of Code

1. Core Material and Descriptive terms										
Code	Description	...	Code	Description	...	Code	Description	...	Code	Description
BLDR	BOULDERS		FCRD	FRACTURED		IRFM	IRON FORMATION		PORS	POROUS
									SOFT	SOFT
BSLT	BASALT		FGRD	FINE-GRAINED		LIMY	LIMY		PRDG	PREVIOUSLY DUG
									SPST	SOAPSTONE
CGRD	COARSE-GRAINED		FGVL	FINE GRAVEL		LMSN	LIMESTONE		PRDR	PREV. DRILLED
									STKY	STICKY
CGVL	COARSE GRAVEL		FILL	FILL		LOAM	TOPSOIL		QRTZ	QUARTZITE
									STNS	STONES
CHRT	CHERT		FLDS	FELDSPAR		LOOS	LOOSE		QSND	QUICKSAND
									STNY	STONEY
CLAY	CLAY		FLNT	FLINT		LTCL	LIGHT-COLOURED		QTZ	QUARTZ
									THIK	THICK
CLN	CLEAN		FOSS	FOSILIFEROUS		LYRD	LAYERED		ROCK	ROCK
									THIN	THIN
CLYY	CLAYEY		FSND	FINE SAND		MARL	MARL		SAND	SAND
									TILL	TILL
CMTD	CEMENTED		GNIS	GNEISS		MGRD	MEDIUM-GRAINED		SHLE	SHALE
									UNKN	UNKNOWN TYPE
CONG	CONGLOMERATE		GRNT	GRANITE		MGVL	MEDIUM GRAVEL		SHLY	SHALY
									VERY	VERY
CRYS	CRYSTALLINE		GRSN	GREENSTONE		MRBL	MARBLE		SHRP	SHARP
									WBRG	WATER-BEARING
CSND	COARSE SAND		GRVL	GRAVEL		MSND	MEDIUM SAND		SHST	SCHIST
									WDFR	WOOD FRAGMENTS
DKCL	DARK-COLOURED		GRWK	GREYWACKE		MUCK	MUCK		SILT	SILT
									WTHD	WEATHERED
DLMT	DOLOMITE		GVLY	GRAVELLY		OBDN	OVERBURDEN		SLTE	SLATE
DNSE	DENSE		GYPS	GYP SUM		PCKD	PACKED		SLTY	SILTY
DRTY	DIRTY		HARD	HARD		PEAT	PEAT		SNDS	SANDSTONE
DRY	DRY		HPAN	HARDPAN		PGVL	PEA GRAVEL		SNDY	SANDY

2. Core Color	
Code	Description
WHIT	WHITE
GREY	GREY
BLUE	BLUE
GREN	GREEN
YLLW	YELLOW
BRWN	BROWN
RED	RED
BLCK	BLACK
BLGY	BLUE-GREY

3. Water Use			
Code	Description	Code	Description
DO	Domestic	OT	Other
ST	Livestock	TH	Test Hole
IR	Irrigation	DE	Dewatering
IN	Industrial	MO	Monitoring
CO	Commercial		
MN	Municipal		
PS	Public		
AC	Cooling And A/C		
NU	Not Used		

4. Water Detail			
Code	Description	Code	Description
FR	Fresh	GS	Gas
SA	Salty	IR	Iron
SU	Sulphur		
MN	Mineral		
UK	Unknown		

