

REGIONAL GROUNDWATER ASSESSMENT IN COUNTY OF WARNER NO. 5

Appendix A – List of Water Wells Recommended for Field Verification

WELLID	Location	Owner	Depth (m)	Date Installed	Formation
164323	SE-27-001-12 W4M	ROLFE, GORDON	15.24	16-Mar-84	Surficial Deposits
151269	16-36-001-13 W4M	ALBERTA RECREATION & PARKS	7.92	04-Jan-90	Surficial Deposits
164632	NW-07-001-17 W4M	KUKUCSKA, A.	30.48	01-Aug-88	Surficial Deposits
292902	NE-31-001-18 W4M	DOUGLAS, CLARANCE	24.69	24-Nov-99	Surficial Deposits
153856	SE-04-002-13 W4M	TURNER, DOUGLAS	26.21	13-Dec-88	Surficial Deposits
165733	NE-04-002-15 W4M	GOV'T OF CANADA RD #16	33.83	29-Jun-88	Surficial Deposits
165737	NE-04-002-15 W4M	GOV'T OF CANADA RD #18	30.78	12-Jul-88	Surficial Deposits
165758	16-05-002-15 W4M	ALTA ENV #1	53.95	11-Jan-85	Surficial Deposits
165770	NE-06-002-15 W4M	GOLD SPRING PARK	33.53	20-Dec-86	Surficial Deposits
165316	00-07-002-15 W4M	COUNTY OF WARNER TH#4: Milk River East Test Obs Well #4	36.58	06-Jun-89	Surficial Deposits
165293	00-07-002-15 W4M	COUNTY OF WARNER TH#1: Milk River East Test Obs Well #1	54.86	26-May-89	Surficial Deposits
165318	00-07-002-15 W4M	COUNTY OF WARNER TH#6: Milk River East Test Obs Well #6	37.19	12-Jun-89	Surficial Deposits
165303	00-07-002-15 W4M	COUNTY OF WARNER #1PROD.WELL: Milk River East PW1 - Deep S/G Unit	35.97	05-Jul-89	Surficial Deposits
165309	00-07-002-15 W4M	COUNTY OF WARNER: Milk River East TH#08	41.15	07-Jul-89	Surficial Deposits
165317	00-07-002-15 W4M	COUNTY OF WARNER TH#2: Milk River East Test Obs Well #2	49.68	31-May-89	Surficial Deposits
165319	00-07-002-15 W4M	COUNTY OF WARNER TH#5: Milk River East Test Obs Well #5	47.24	08-Jun-89	Surficial Deposits
165315	00-07-002-15 W4M	COUNTY OF WARNER TH#7: Milk River East Test Obs Well #7	24.08	04-Jul-89	Surficial Deposits
157787	04-07-002-15 W4M	COUNTY OF WARNER C/O UMA ENG.: Milk River East PW2 - Shallow S/G Unit	25.60	14-Dec-89	Surficial Deposits
165772	SW-07-002-15 W4M	GOV'T OF CANADA RD #25	37.80	22-Aug-88	Surficial Deposits
165775	SE-08-002-15 W4M	GOV'T OF CANADA RD #6	21.95	07-Jun-88	Surficial Deposits
165777	SE-09-002-15 W4M	GOV'T OF CANADA RD #12	32.92	17-Jun-88	Surficial Deposits
220764	SE-12-002-15 W4M	NETT, CHRIS	12.19	24-Nov-88	Surficial Deposits
165800	SE-09-002-16 W4M	SWANSON, R	54.86	21-Aug-86	Surficial Deposits
165808	NE-10-002-16 W4M	BACZUK, TERRY	42.67	19-Aug-83	Surficial Deposits
165810	NW-11-002-16 W4M	GOVERNMENT OF CANADA RD#13	35.97	21-Jun-88	Surficial Deposits
165320	00-12-002-16 W4M	COUNTY OF WARNER TH#3: Milk River East Test Obs Well #3	53.34	02-Jun-89	Surficial Deposits
196248	16-12-002-16 W4M	ALTA AG #2479E: AENV-OBS Milk River 2479E	25.91	10-Dec-87	Surficial Deposits
220772	NW-13-002-16 W4M	MILLER, K.	30.48	25-Jul-87	Surficial Deposits
220778	SE-14-002-16 W4M	GOVT OF CANADA	41.76	28-Aug-88	Surficial Deposits
220893	SW-14-002-16 W4M	GOVT OF CANADA RD#24	35.66	16-Aug-88	Surficial Deposits
220910	01-15-002-16 W4M	DOBROCANE, JOHN	36.58	28-Oct-71	Surficial Deposits
220919	NW-15-002-16 W4M	BELLEW, L.	29.26	22-Jun-85	Surficial Deposits
165865	SW-16-002-16 W4M	HOYTOS, LES	26.82	15-Jul-88	Surficial Deposits
165900	NE-20-002-16 W4M	CUNNINGHAM, WARREN	24.38	26-Aug-80	Surficial Deposits
288079	NW-21-002-16 W4M	GARBER, ALLAN/PRBM RPT.	32.00	02-Dec-96	Surficial Deposits



REGIONAL GROUNDWATER ASSESSMENT IN COUNTY OF WARNER NO. 5

APPENDIX A – LIST OF WATER WELLS RECOMMENDED FOR FIELD VERIFICATION

WELLID	Location	Owner	Depth (m)	Date Installed	Formation
165905	SE-21-002-16 W4M	MURPHY OIL	27.43	03-Jul-87	Surficial Deposits
151574	SE-30-002-16 W4M	SNOW, GEORGE	18.29	23-Apr-90	Surficial Deposits
109951	NE-21-002-17 W4M	WARNER, COUNTY OF	10.06	02-May-94	Surficial Deposits
220957	SE-25-002-17 W4M	U.M.A. ENGINEERING #1: Milk River West TH#1	31.09	01-Nov-88	Surficial Deposits
220959	SE-25-002-17 W4M	U.M.A. ENGINEERING (SITE #4): Milk River West TH#4	30.48	05-Nov-88	Surficial Deposits
220965	SE-25-002-17 W4M	GOVT OF CANADA #15	32.92	27-Jun-88	Surficial Deposits
220966	SE-25-002-17 W4M	GOVT OF CANADA #RD-17	32.00	25-Jul-88	Surficial Deposits
220968	SE-25-002-17 W4M	U.M.A. ENGINEERING #7: Milk River West TH#7 - Standby (PW2)	29.57	17-Dec-88	Surficial Deposits
220953	SE-25-002-17 W4M	U.M.A. ENGINEERING #5: Milk River West TH#5 - Main (PW1)	29.87	17-Nov-88	Surficial Deposits
221067	00-20-003-17 W4M	NORRIS, BILL #2997-T	18.59	13-Jun-83	Surficial Deposits
221047	16-20-003-17 W4M	GOVT OF CAN	8.53	09-Jun-82	Surficial Deposits
221101	SE-30-003-17 W4M	MINION, LEE #3115-T	6.40	10-Aug-83	Surficial Deposits
221109	16-33-003-17 W4M	GOVT OF CAN	10.97	08-Jun-82	Surficial Deposits
221025	03-04-003-18 W4M	CONRAD CATTLE CO	33.83	15-Aug-81	Surficial Deposits
221031	16-17-003-18 W4M	CONRAD CATTLE CO	30.48	07-Jun-84	Surficial Deposits
221033	14-18-003-18 W4M	CONRAD CATTLE CO	13.72	14-Aug-81	Surficial Deposits
221035	14-18-003-18 W4M	CONRAD CATTLE CO	19.20	03-Aug-83	Surficial Deposits
117430	02-36-003-19 W4M	MIAMI COLONY	24.99	04-Jun-84	Surficial Deposits
118519	16-21-004-17 W4M	PETERSON, HAL DEAN	15.85	12-Apr-85	Surficial Deposits
118533	NW-28-004-17 W4M	PETERSON, MILTON	12.19	28-Apr-85	Surficial Deposits
159530	NW-29-004-17 W4M	PYNE, ROBERT	15.54	20-Sep-88	Surficial Deposits
118548	NW-04-004-18 W4M	SUNNYSIDE COLONY	31.09	27-Mar-85	Surficial Deposits
118564	16-17-004-18 W4M	SUNNYSIDE COLONY	38.71	09-Oct-81	Surficial Deposits
118626	13-15-004-20 W4M	OK COLONY	41.15		Surficial Deposits
118635	NE-20-004-20 W4M	BROWN, MORRIS	56.39	01-Nov-71	Surficial Deposits
118634	NE-20-004-20 W4M	BROWN, MORRIS	54.86	01-Jun-74	Surficial Deposits
118636	06-24-004-20 W4M	SCHMIDT, ED	36.58	05-Nov-77	Surficial Deposits
118646	NE-30-004-20 W4M	COPPIETERS, PETER	47.24	22-Sep-88	Surficial Deposits
118643	SE-30-004-20 W4M	COPPEITERS, PETER	54.86	23-Oct-74	Surficial Deposits
118642	SE-30-004-20 W4M	COPPETERS, PETER	45.72	01-Jul-74	Surficial Deposits
196722	00-06-005-15 W4M	COOPER, KEVIN	27.43	10-Oct-84	Surficial Deposits
119542	NW-08-005-17 W4M	CHINOOK FARMS LTD	36.27	01-May-73	Surficial Deposits
119679	NE-35-005-20 W4M	HALL, BERT	16.46	14-Oct-89	Surficial Deposits
119677	NE-35-005-20 W4M	HALL, BERT R.	17.07	01-Jul-74	Surficial Deposits
119682	NW-36-005-20 W4M	SCOVILLE, GORDON	18.29	19-Oct-89	Surficial Deposits
119680	NW-36-005-20 W4M	SCOVILLE, GORDON	18.29	01-Jul-74	Surficial Deposits
289526	SW-29-006-16 W4M	CELLONI, GIANUGO	18.29	12-Jun-98	Surficial Deposits
120746	SE-06-006-17 W4M	ANDERSON, FLOYD	24.38	24-Nov-78	Surficial Deposits
156171	SE-30-006-17 W4M	HERSCHE, RONALD	10.97	07-May-91	Surficial Deposits
120784	13-32-006-17 W4M	OWEN, CLIFF	33.53	02-Nov-83	Surficial Deposits
287150	SW-06-006-19 W4M	HEATWOLE, JOHN	33.53	04-Sep-97	Surficial Deposits
120852	14-19-006-19 W4M	HARDY, C.R.	18.29	13-May-58	Surficial Deposits
120865	12-30-006-19 W4M	WILDE, LARRY	9.75	27-Jun-76	Surficial Deposits
120886	13-09-006-20 W4M	BERRY, BRYANT	19.81	05-Apr-84	Surficial Deposits
120903	02-16-006-20 W4M	BAKER FEEDERS LTD	18.90	18-Jul-81	Surficial Deposits
121741	WH-23-007-17 W4M	HIRSCHE, KEN	22.86	15-Oct-84	Surficial Deposits
121803	00-04-007-19 W4M	KIENTOPP, ERVIN	22.86	14-Sep-84	Surficial Deposits
218792	NW-06-007-20 W4M	ALTA AG	42.98	30-Sep-91	Surficial Deposits
118590	NE-04-004-19 W4M	MATSNO, H.	39.62	18-Aug-77	Bearpaw

REGIONAL GROUNDWATER ASSESSMENT IN COUNTY OF WARNER NO. 5

APPENDIX A – LIST OF WATER WELLS RECOMMENDED FOR FIELD VERIFICATION

WELLID	Location	Owner	Depth (m)	Date Installed	Formation
118591	SE-07-004-19 W4M	WALTER, G & J FARMS	33.53	02-May-89	Bearpaw
118619	SW-04-004-20 W4M	COPPEITERS, PETER	24.38	24-Jun-88	Bearpaw
221027	02-05-003-18 W4M	CONRAD CATTLE CO	13.72	10-Aug-81	Oldman
118550	NE-04-004-18 W4M	SUNNYSIDE COLONY	54.86		Oldman
118551	NE-05-004-18 W4M	SUNNY SITE COLONY	33.53	20-Jul-71	Oldman
118552	NE-06-004-18 W4M	SUNNY SITE HUTTERIAN COLONY	36.58	16-Jul-88	Oldman
118589	SW-01-004-19 W4M	SUNNYSITE COLONY	67.06	21-Jul-88	Oldman
118593	SW-17-004-19 W4M	WOLF CREEK CHURCH	48.77	13-Jul-88	Oldman
118600	SE-19-004-19 W4M	VAN DEURZEN, JOHN	60.96	27-Sep-89	Oldman
118609	NW-28-004-19 W4M	JENSEN, H. EVAN	21.95	08-Mar-89	Oldman
118648	NE-31-004-20 W4M	SNOW, GORDON	48.77	25-Mar-78	Oldman
118651	11-34-004-20 W4M	OK COLONY	60.96		Oldman
119604	SE-28-005-18 W4M	CRONKHITE, T.F. FARM LTD	30.48	26-Mar-81	Oldman
119608	SW-32-005-18 W4M	KENT, STAN	22.86	18-Sep-84	Oldman
241382	04-08-005-20 W4M	DEPEW, JIM	33.53	03-Sep-94	Oldman
119651	NW-13-005-20 W4M	TAKAGUCHI, YOST	47.24	28-Aug-67	Oldman
119669	16-30-005-20 W4M	DOHL, C.A.	46.33	30-Apr-82	Oldman
119683	SE-03-005-21 W4M	HUTTERVILLE COLONY	36.58	16-Jul-85	Oldman
120797	WH-06-006-18 W4M	CHRISTENSEN #3695T	22.86	17-Sep-84	Oldman
120825	NW-04-006-19 W4M	NELSON, F.A. RANCHES	30.48	31-Dec-83	Oldman
286153	NW-07-006-19 W4M	STRAAT, KELLY	16.76	17-Oct-96	Oldman
120831	13-08-006-19 W4M	HOFER, S.	36.58	17-Jun-81	Oldman
166510	SW-08-006-19 W4M	STRAAT, JOHN	18.29	22-Apr-92	Oldman
120847	04-17-006-19 W4M	HOFER FARMS	50.90	11-Mar-83	Oldman
120853	16-19-006-19 W4M	NELSON, F.A. RANCHES	29.87	18-Mar-80	Oldman
120856	15-20-006-19 W4M	KUPECZ, ANDY	18.29	23-Mar-83	Oldman
120857	NE-20-006-19 W4M	KUPECZ, ANDY	42.67	25-Jul-88	Oldman
120855	NE-20-006-19 W4M	KUPECZ, ANDY	42.98	31-Dec-82	Oldman
120863	00-29-006-19 W4M	LYCKMAN, W.	21.34	20-Jun-83	Oldman
120861	NE-29-006-19 W4M	JAMIESON, DOUG	30.48	01-Jul-81	Oldman
120867	12-30-006-19 W4M	WILDE, L.	30.48	23-Aug-79	Oldman
120884	SE-07-006-20 W4M	ATWOOD, DALIN	43.28	24-Jan-80	Oldman
120888	NE-09-006-20 W4M	BAKKER, REINDERT	42.67	26-Oct-83	Oldman
120891	SE-11-006-20 W4M	STIRLING MENNONITE CHURCH	60.96	10-Apr-84	Oldman
120900	NE-15-006-20 W4M	QUINTON, DON	42.67	06-Jan-83	Oldman
120899	NW-15-006-20 W4M	WALKER, FAY	42.67	15-Jan-83	Oldman
120922	NW-22-006-20 W4M	SCHNEIDER, P.F.	18.29	17-Feb-76	Oldman
120921	NW-22-006-20 W4M	WILDE, IVAN D.	28.65	25-Nov-81	Oldman
120927	10-23-006-20 W4M	HOFER, JOHN T.	42.67	27-Mar-84	Oldman
120926	SW-23-006-20 W4M	HOFER, GEO	97.54	17-Jun-78	Oldman
120933	02-27-006-20 W4M	SCHEFTER FARMS	31.09	03-Dec-81	Oldman
120932	02-27-006-20 W4M	SCHEFTER, HERMAN	23.16	09-Mar-78	Oldman
120936	16-27-006-20 W4M	HOFER BROS	54.86	20-Mar-78	Oldman
120944	16-32-006-20 W4M	HORVATH, JOE	36.58	20-Jan-83	Oldman
120980	14-36-006-21 W4M	MEEKS, RICHARD	39.62	04-Jun-77	Oldman
128744	SE-06-007-20 W4M	SVENSON, GLEN	33.53	05-Oct-89	Oldman
217519	SW-06-007-20 W4M	KEARNS, MARK/LISA	42.67	07-Aug-93	Oldman
164885	SW-17-001-17 W4M	RACZ, J.	83.82	26-Mar-83	Foremost
164893	NE-20-001-17 W4M	HOLT, R.	48.77	16-Apr-87	Foremost
164932	NE-21-001-17 W4M	LINDEMAN, L.	91.44	01-Sep-71	Foremost
164963	NE-28-001-17 W4M	SCHOORL, HENRY	96.01	02-Jun-83	Foremost
164961	NE-28-001-17 W4M	SCHROD, HANK	64.01	20-Oct-76	Foremost
164958	SE-28-001-17 W4M	OBBAGY, J.	67.06	29-Oct-85	Foremost

Stantec

REGIONAL GROUNDWATER ASSESSMENT IN COUNTY OF WARNER NO. 5

APPENDIX A – LIST OF WATER WELLS RECOMMENDED FOR FIELD VERIFICATION

WELLID	Location	Owner	Depth (m)	Date Installed	Formation
164965	SE-32-001-17 W4M	HOWITT, JIM	85.34	20-Aug-88	Foremost
164966	SW-32-001-17 W4M	BALOG, R.C.	36.58	06-Aug-88	Foremost
164968	SW-34-001-17 W4M	BACZUK, L.	42.67	19-Jul-77	Foremost
164786	NW-10-001-18 W4M	MILK RIVER CO-OP GRAZING ASSOC	36.58	07-Aug-85	Foremost
164797	SE-16-001-18 W4M	SWANSON, RAY	54.86	04-Aug-88	Foremost
164803	SW-19-001-18 W4M	SWANSON, HARRY	79.25	27-Jun-85	Foremost
220990	NE-20-002-15 W4M	WINTERS, H.	32.00	30-Jun-82	Foremost
165981	NE-30-002-16 W4M	HOFER, LLOYD	60.96	26-Aug-81	Foremost
288077	SE-32-002-16 W4M	LINDEMAN, WILL	24.38	04-Dec-96	Foremost
166003	SW-02-002-17 W4M	BALOG, ROBERT	30.48	03-Aug-84	Foremost
292539	EH-04-002-17 W4M	BALOG, WILL	60.96	09-Sep-99	Foremost
166006	SE-04-002-17 W4M	SPROED, BEN	28.96	07-Nov-72	Foremost
166010	SW-06-002-17 W4M	SWANSON, WRAY	67.06	22-Aug-88	Foremost
220850	SE-29-002-18 W4M	FLETCHER, CY	67.06	22-Jul-88	Foremost
220851	SW-30-002-18 W4M	FLETCHER, CY	67.06	28-Jul-88	Foremost
220853	NE-32-002-18 W4M	PERRA, HUGH	44.50	16-Sep-88	Foremost
220852	NE-32-002-18 W4M	PERRA, HUGH	45.11	14-Sep-88	Foremost
220857	09-03-003-16 W4M	SWANSON, RAY	71.63	26-Oct-82	Foremost
220947	13-21-003-16 W4M	MILLER, M.F.	13.72	03-Aug-70	Foremost
220955	SW-22-003-16 W4M	BERRINGER, G.	60.96	09-Sep-76	Foremost
220951	SW-22-003-16 W4M	BERRINGER, ED	60.96	12-Nov-88	Foremost
220994	14-31-003-16 W4M	PITTMAN, HAROLD	103.63	09-Sep-81	Foremost
221016	SE-03-003-17 W4M	MILLHAEM, RALPH	137.16	12-Jul-88	Foremost
221017	NE-10-003-17 W4M	MILLHAEM, RALPH	109.73	28-Jun-88	Foremost
221024	12-16-003-17 W4M	GOVT OF CAN: Salinity Study RD-6	102.11	02-Jun-82	Foremost
221073	00-20-003-17 W4M	NORRIS, BILL #2986-T	18.29	07-Jun-83	Foremost
221028	01-20-003-17 W4M	GOVT OF CAN: Salinity Study RD-13	51.82	21-Jun-82	Foremost
221056	16-20-003-17 W4M	GOVT OF CAN	12.50	20-May-82	Foremost
221050	16-20-003-17 W4M	GOVT OF CAN: Salinity Study RD-5	55.47		Foremost
221084	NE-24-003-17 W4M	ALTA ENV #6897-H	18.90	23-Feb-83	Foremost
221096	NW-26-003-17 W4M	ALTA ENV #3004T	18.29	15-Jun-83	Foremost
221095	SW-26-003-17 W4M	ALTA ENV #3003-T	18.59	15-Jun-83	Foremost
221106	NE-31-003-17 W4M	MORTON RANCH	11.89	12-Sep-88	Foremost
221112	16-33-003-17 W4M	GOVT OF CAN	16.46	04-Jun-83	Foremost
221115	16-33-003-17 W4M	GOVT OF CAN: Salinity Study RD-1	48.46	05-Mar-83	Foremost
221124	15-35-003-17 W4M	NORRIS, W.	73.15	21-Oct-80	Foremost
118100	13-08-004-16 W4M	TETZLAFF, HARVEY	73.15	05-Apr-83	Foremost
118099	SE-08-004-16 W4M	TETZLAFF, H. #3757T	22.86	11-Oct-84	Foremost
118118	NW-26-004-16 W4M	GRAHAM, G.	7.92	11-Oct-84	Foremost
242122	NE-31-004-16 W4M	ELM SPRING HUTTERITE COLONY	90.53	04-Feb-80	Foremost
118490	NE-10-004-17 W4M	CHINOOK FARMS LTD	60.96		Foremost
118486	SW-10-004-17 W4M	CHINOOK FARMS LTD	60.96		Foremost
118499	03-13-004-17 W4M	TETZLAFF, ROY	54.86	05-Nov-83	Foremost
118500	15-15-004-17 W4M	GOVT OF CAN: Salinity Study RD-12	36.58	22-Jun-82	Foremost
118524	04-23-004-17 W4M	SWANSON, H.	128.02	27-Mar-85	Foremost
118523	04-23-004-17 W4M	SWANSON, H.	60.96	04-Dec-79	Foremost
118522	04-23-004-17 W4M	SWANSON, H.	21.34	20-Jul-78	Foremost
118526	14-23-004-17 W4M	GOVT OF CAN: Salinity Study RD-3	92.96	19-May-83	Foremost
118525	14-23-004-17 W4M	GOVT OF CAN	14.63	11-Jun-82	Foremost
270002	NW-25-004-17 W4M	DOENZ RANCHES LTD	54.86	12-Aug-93	Foremost
118530	04-26-004-17 W4M	MANDELL, JOE	30.48	24-Jun-86	Foremost
118545	11-01-004-18 W4M	ATKINS, J.	28.65	29-Apr-65	Foremost
196737	NE-06-005-15 W4M	NOTTINGHAM, E.W.	73.15	04-Mar-84	Foremost

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APPENDIX A – LIST OF WATER WELLS RECOMMENDED FOR FIELD VERIFICATION

WELLID	Location	Owner	Depth (m)	Date Installed	Formation
196754	NW-09-005-15 W4M	LEBELT, LAWRENCE	73.15	08-Jun-78	Foremost
119519	00-11-005-16 W4M	STRINGHAM, MORGAN	21.34	19-Sep-84	Foremost
119518	04-11-005-16 W4M	STRINGAM, MORGAN	85.34	09-Nov-79	Foremost
119522	NE-15-005-16 W4M	WARNER DISTRICT	17.07	12-Apr-83	Foremost
119521	SE-15-005-16 W4M	NEW DAYTON DISTRICT #6915-H	11.89	07-Mar-83	Foremost
119535	01-01-005-17 W4M	GOV'T OF CANADA: Salinity Study RD-2	83.52	13-May-82	Foremost
158078	NW-04-005-17 W4M	VANDEURZEN, JOHN/CHINOOK FARM	30.48	02-Dec-89	Foremost
119558	SE-26-005-17 W4M	FLETCHER, CY	62.48	30-Nov-88	Foremost
119594	SE-14-005-18 W4M	CRONKHITE, T.F. FARM LTD	45.11	21-Apr-89	Foremost
119611	NW-33-005-18 W4M	ANDERSON, FLOYD	56.39	01-Jan-72	Foremost
197090	NW-12-006-15 W4M	FAIRLANE COLONY	85.34	30-Jul-84	Foremost
120747	SE-06-006-17 W4M	ANDERSON, FLOYD	55.47	12-Dec-88	Foremost
120790	16-34-006-17 W4M	ERICKSON, D.	54.86	24-Feb-68	Foremost
120802	03-13-006-18 W4M	ANDERSON, FLOYD	91.44	02-Nov-79	Foremost
120812	NW-20-006-18 W4M	NEW ROCKPORT HUTTERIAN COLONY	36.58	10-Jun-70	Foremost
120869	05-32-006-19 W4M	KANEWICHER, J.	45.72	29-Aug-83	Foremost
120872	NW-32-006-19 W4M	DE DEV, JEFF	48.77	31-Mar-81	Foremost
197489	NE-11-007-15 W4M	SMITH, PAUL	54.86	21-Jun-85	Foremost
121777	NE-03-007-18 W4M	MCGLENN, DAVID	97.54	14-Aug-79	Foremost
154597	NW-09-001-11 W4M	BIANCHI, RICHARD	14.94	15-Dec-83	Pakowki
164089	SW-09-001-11 W4M	BIANCHI, RICHARD #3239-T	11.89	24-Nov-83	Pakowki
164943	SW-25-001-17 W4M	OBBAGY, LES	24.38	05-Sep-85	Pakowki
155183	SW-17-002-15 W4M	PITTMAN, LYLE	54.86	23-Dec-88	Pakowki
220902	NE-14-002-16 W4M	MILLER, KEN	41.15	22-Nov-79	Pakowki
165914	NW-22-002-16 W4M	KUHL, F.	54.86	03-Aug-83	Pakowki
165938	NW-28-002-16 W4M	O'DONNELL, J.	17.07	02-Nov-72	Pakowki
165937	NW-28-002-16 W4M	O'DONNELL, J.	21.34	02-Aug-71	Pakowki
165975	SE-30-002-16 W4M	SNOW, GEORGE S.	73.15	07-Dec-85	Pakowki
220856	09-03-003-16 W4M	SWANSON, RAY	128.02	20-Dec-83	Pakowki
158079	SE-31-004-16 W4M	ELM SPRINGS COLONY	146.30	28-Oct-89	Pakowki
152327	NW-09-001-11 W4M	BIANCHI, RICHARD	105.77	25-Feb-90	Milk River
164094	SW-10-001-11 W4M	DANGERFIELD, FRED	73.15	22-Nov-77	Milk River
169436	SW-11-001-11 W4M	GRAIN COMMUNITY HALL	115.82	17-Sep-92	Milk River
164559	03-15-001-11 W4M	DANGERFIELD, FRED	76.20	29-Nov-77	Milk River
152328	SE-17-001-11 W4M	HULIT, ROBERT	91.44	02-Mar-90	Milk River
164605	NE-23-001-11 W4M	GAEHRING, JUDITH K.	73.15	17-Oct-81	Milk River
164606	NE-23-001-11 W4M	GAEHRING, JUDITH K.	82.30	15-Oct-88	Milk River
164608	NW-24-001-11 W4M	BIANCHI, TOM	91.44	29-Sep-86	Milk River
164619	NW-35-001-11 W4M	GAEHRING, G.C.	67.06	22-Jun-74	Milk River
164279	SE-07-001-12 W4M	WADELL, JOHN	164.59	16-Sep-61	Milk River
164302	NE-13-001-12 W4M	LIPPA, TONY	73.15	01-Sep-88	Milk River
164313	NW-21-001-12 W4M	ERICKSON, E.	50.90	25-Jan-75	Milk River
164351	SE-12-001-13 W4M	NATE, KENNETH 3135-T	15.24	07-Sep-83	Milk River
164409	SE-28-001-14 W4M	OLLSON, ALMA	30.48	19-Oct-67	Milk River
164437	NE-32-001-14 W4M	ROCK LAKE COLONY	62.48	24-Nov-82	Milk River
164463	NE-04-001-15 W4M	DEPT. OF PUBLIC WORKS	39.01	08-Feb-72	Milk River
164458	NW-04-001-15 W4M	DEPT. PUBLIC WORKS OF CANADA	39.01	07-Feb-72	Milk River
164474	SE-07-001-15 W4M	SHERRETT GORDON MINES	48.77	28-May-85	Milk River
164488	SW-13-001-15 W4M	CARR, FRANK	103.63	24-Sep-81	Milk River
164501	SW-23-001-15 W4M	PETERSON, GORDON C.	42.67	01-Sep-76	Milk River
164508	SW-27-001-15 W4M	BETTS, JIM	30.48	08-Oct-81	Milk River
164537	04-33-001-15 W4M	ALTA AG #2491E	42.98	08-Jun-88	Milk River

REGIONAL GROUNDWATER ASSESSMENT IN COUNTY OF WARNER NO. 5
APPENDIX A – LIST OF WATER WELLS RECOMMENDED FOR FIELD VERIFICATION

WELLID	Location	Owner	Depth (m)	Date Installed	Formation
164645	NE-28-001-16 W4M	SWANSON, B	42.67	05-Feb-83	Milk River
164643	SE-28-001-16 W4M	SWANSON, B	54.86	16-Aug-85	Milk River
164649	NE-32-001-16 W4M	SWANSON, BERT	67.06	12-May-88	Milk River
164662	NE-34-001-16 W4M	SWANSON, W	67.06	08-Nov-85	Milk River
164656	SE-34-001-16 W4M	SWANSON, BERT	97.54	26-Jun-85	Milk River
164660	SH-34-001-16 W4M	ALTA ENV #3052-T	21.64	19-Jul-83	Milk River
164659	SH-34-001-16 W4M	ALTA ENV	18.29	14-Jul-83	Milk River
164877	SE-12-001-17 W4M	BALOG, G.	73.15	20-May-88	Milk River
164887	NE-17-001-17 W4M	RATZ, JIM	188.98	01-Jul-73	Milk River
164974	NW-35-001-17 W4M	LINDEMAN, W.	48.77	18-Jun-85	Milk River
290491	15-26-002-12 W4M	HALMRAST, ERNIE	174.35	15-Aug-98	Milk River
165615	NE-30-002-12 W4M	BERG, H.	48.77	19-May-83	Milk River
165626	SE-34-002-12 W4M	HALMRAST, F.	181.05	26-Jul-88	Milk River
165635	SE-03-002-13 W4M	O'HARA, ALLEN	146.30	20-Oct-88	Milk River
153857	SE-04-002-13 W4M	TURNER, ED	36.58	19-Dec-88	Milk River
165644	SE-15-002-13 W4M	STELTON, RALPH	42.67	05-Jun-75	Milk River
165663	12-28-002-13 W4M	LODERMEIER, WES	60.96	23-Oct-84	Milk River
165664	NE-28-002-13 W4M	MASINASIN SCHOOL/CTY OF WARNER	140.21	07-Oct-77	Milk River
165668	SE-31-002-13 W4M	SCHMITT, G.	60.96	12-Sep-81	Milk River
165672	SW-31-002-13 W4M	RUSSELL, G.	67.06	05-Aug-76	Milk River
165676	16-34-002-13 W4M	WEHLAGE, CHRIS	68.28	12-Oct-82	Milk River
165679	07-36-002-13 W4M	HANSEN, GRIS	67.06	19-Aug-76	Milk River
165684	SE-06-002-14 W4M	MELLAFONT, L.	88.39	20-Jul-77	Milk River
165693	NE-20-002-14 W4M	HARTY, A.T.	67.06	07-Jun-76	Milk River
165695	SW-21-002-14 W4M	JOHNSTON, CHARLES A.	79.25	09-Oct-86	Milk River
165699	NE-24-002-14 W4M	THIELEN, R.	67.06	09-Jul-76	Milk River
165701	NE-24-002-14 W4M	THIELEN, M.	67.06	05-Jul-84	Milk River
165704	NE-26-002-14 W4M	HARDY, M.	67.06	06-Jul-76	Milk River
168928	SE-29-002-14 W4M	ALTA AGRICULTURE	95.71	21-Sep-91	Milk River
165710	04-30-002-14 W4M	THIELEN, RAYMOND	60.35	05-Dec-65	Milk River
165719	NE-33-002-14 W4M	HIERATH, RON	67.06	05-Oct-87	Milk River
165722	NE-34-002-14 W4M	MILLER, BERNARD	67.06	05-Oct-76	Milk River
165721	NE-34-002-14 W4M	MILLER, BERNARD	213.36	30-Aug-77	Milk River
165728	SE-35-002-14 W4M	SCHMIDT, RAY	67.06	16-Jul-76	Milk River
165730	01-01-002-15 W4M	ALTA AG #2501E	55.78	07-Jul-88	Milk River
165749	NE-04-002-15 W4M	GOV'T OF CANADA RD #20	42.06	20-Jul-88	Milk River
165765	02-06-002-15 W4M	ALTA AG #2492E	77.72	14-Jun-88	Milk River
165764	02-06-002-15 W4M	ALTA AG #2493E	53.95	15-Jun-88	Milk River
165763	02-06-002-15 W4M	ALTA AG #2494E	31.09	16-Jun-88	Milk River
217156	05-09-002-15 W4M	ALTA AG #2500E	42.98	05-Jul-88	Milk River
217157	05-09-002-15 W4M	ALTA AG #2499E	83.52	05-Jul-88	Milk River
220954	SE-18-002-15 W4M	BEARD, RALPH E.	67.06	10-Feb-89	Milk River
220995	12-22-002-15 W4M	ANDERSON, H.	71.63	31-Mar-75	Milk River
221009	05-23-002-15 W4M	BAIR, A.C.	73.15	28-Nov-79	Milk River
221034	15-23-002-15 W4M	WELSH, KEN	68.58	21-Sep-74	Milk River
221058	SW-24-002-15 W4M	HARTY, A.T.	121.92	04-Jun-76	Milk River
165785	01-03-002-16 W4M	ALTA AG #2503E	59.13	07-Jul-88	Milk River
196295	16-12-002-16 W4M	ALTA AG #2480E	70.10	11-Dec-87	Milk River
196255	16-12-002-16 W4M	ALTA AG #2495E	39.01	16-Jun-88	Milk River
220943	SW-13-002-16 W4M	SNOW, GORDON	32.00	10-Jul-73	Milk River
165896	10-17-002-16 W4M	ALTA AG #2496E	88.09	22-Jun-88	Milk River
165895	10-17-002-16 W4M	ALTA AG #2497E	42.98	22-Jun-88	Milk River
165887	10-17-002-16 W4M	ALTA AG #2498E	39.01	23-Jun-88	Milk River

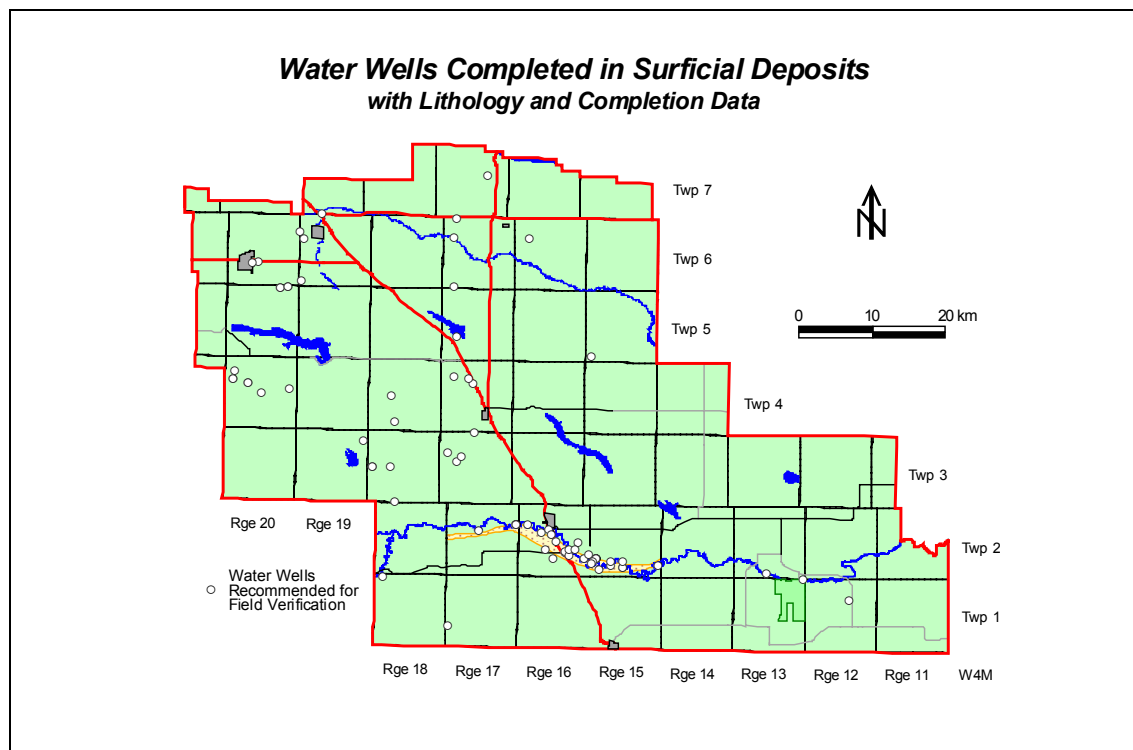
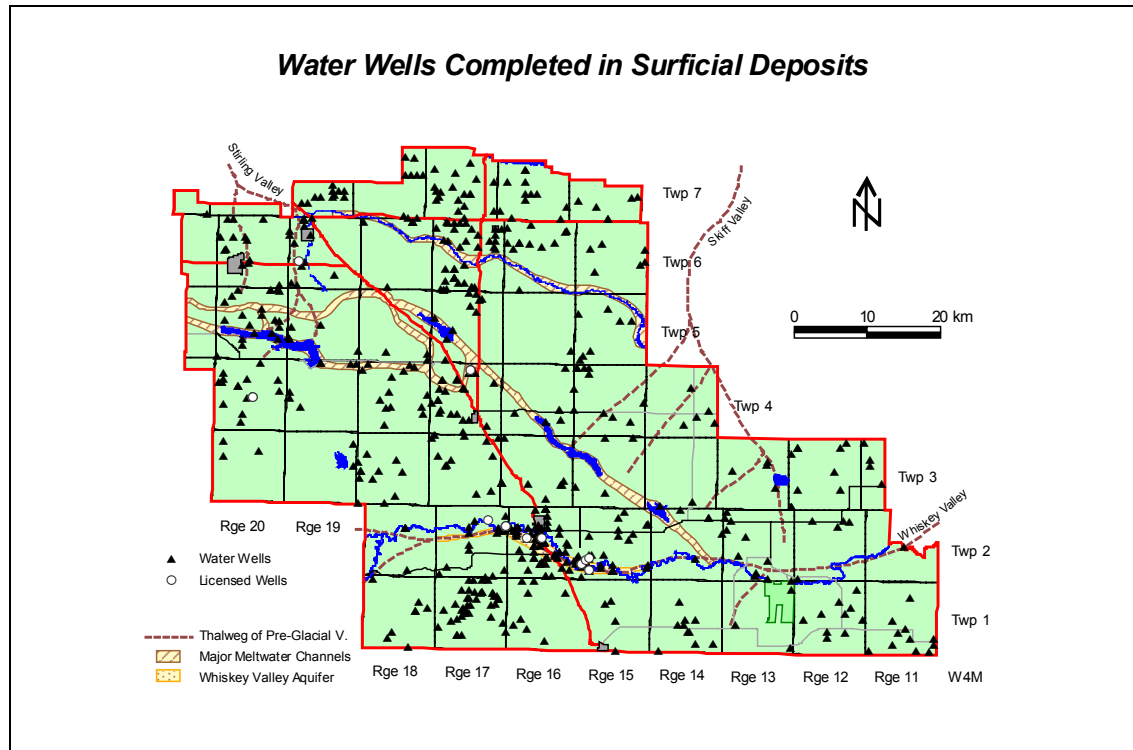
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REGIONAL GROUNDWATER ASSESSMENT IN COUNTY OF WARNER NO. 5
APPENDIX A – LIST OF WATER WELLS RECOMMENDED FOR FIELD VERIFICATION

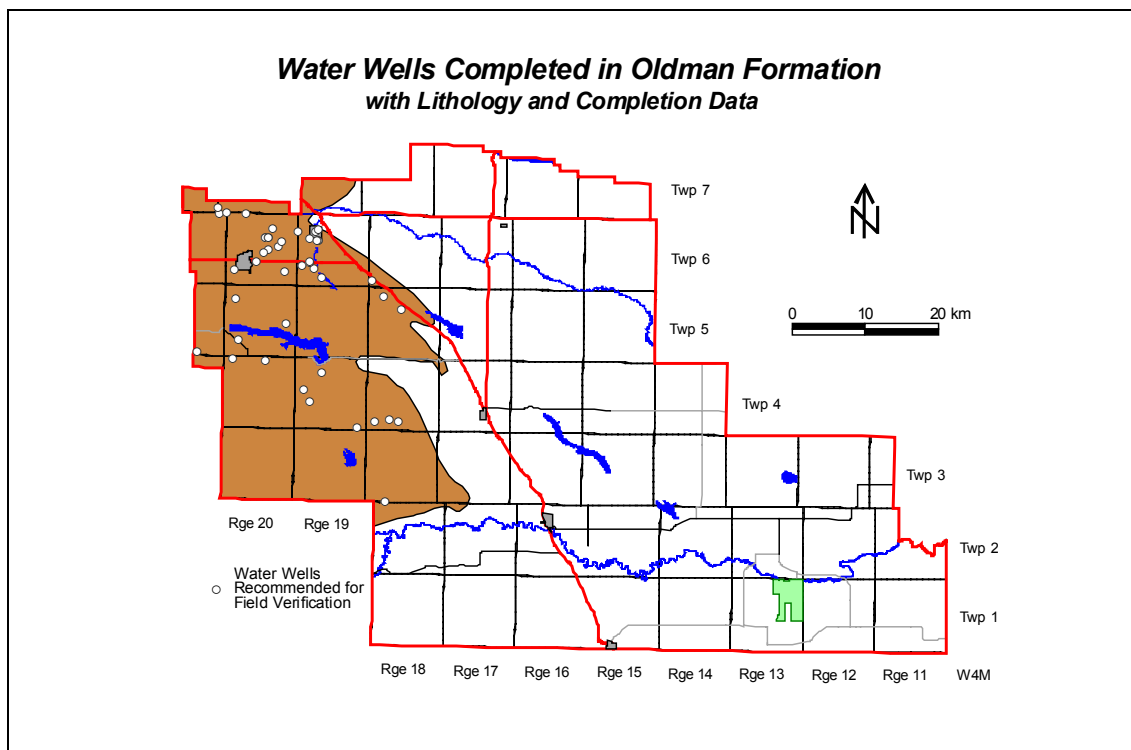
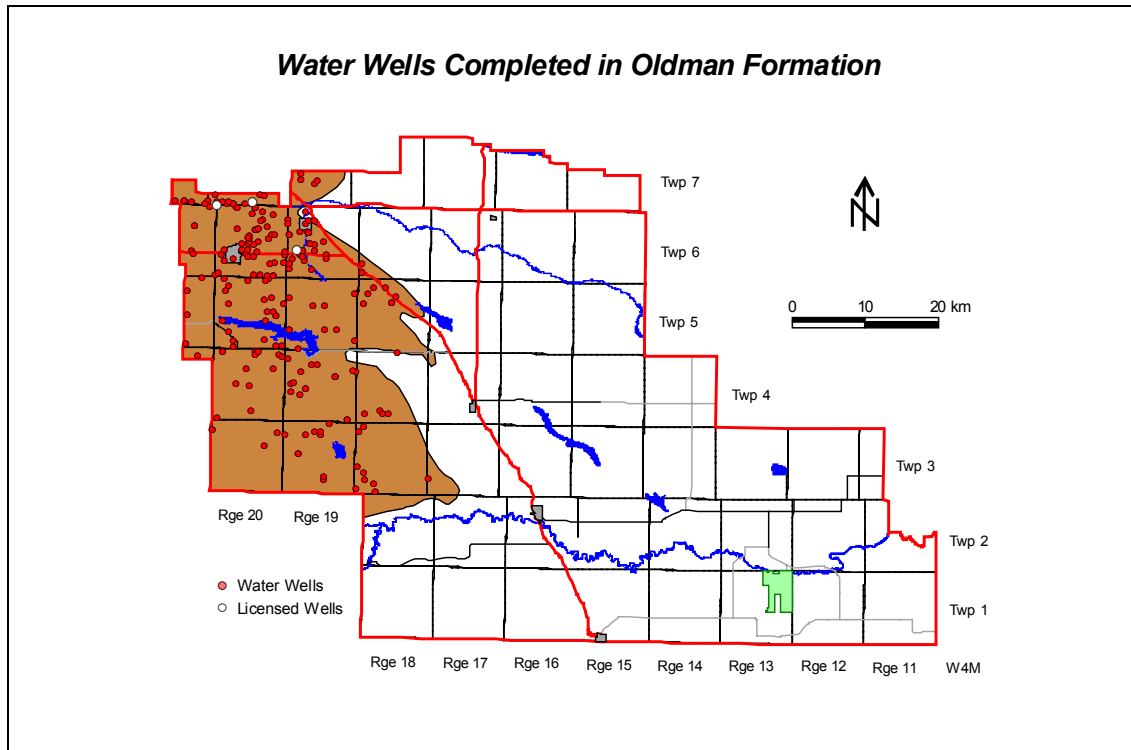
WELLID	Location	Owner	Depth (m)	Date Installed	Formation
165992	WH-33-002-16 W4M	O'DONNELL, JOE	97.54	15-Nov-85	Milk River
152329	NE-05-003-11 W4M	O'HARA, LES	183.79	30-Sep-89	Milk River
196534	SW-06-003-11 W4M	HARTY, FRANK	154.84	16-Aug-88	Milk River
196542	13-07-003-11 W4M	BROWNLEE, ELMER LEROY	276.76	01-Nov-65	Milk River
186291	NW-11-003-12 W4M	BERYS, HAROLD	143.26	17-Jun-77	Milk River
186301	SE-22-003-12 W4M	CONWAY, BOYD	228.60	10-Oct-88	Milk River
186322	SE-28-003-12 W4M	LOSEY, ALAN	256.03	14-Oct-88	Milk River
150700	NE-30-003-12 W4M	HOLLINGWORTH, ERNIE	204.22	12-Mar-90	Milk River
186329	NE-33-003-12 W4M	WALSH, DON	256.03	04-Oct-88	Milk River
186336	01-35-003-12 W4M	CONWAY, JAMES ALBERT	234.70	01-Nov-67	Milk River
186338	NE-36-003-12 W4M	STORTEVANT, DARRIS	231.65	27-Sep-88	Milk River
186359	SW-20-003-13 W4M	ANGYAL FARMS	61.87	02-Aug-75	Milk River
150701	SE-23-003-13 W4M	COVERDALE, RICHARD	134.11	27-Mar-90	Milk River
186375	NW-34-003-13 W4M	HORGUS, JIM	79.25	05-Jun-84	Milk River
202660	NE-04-003-14 W4M	WENSMAN FARMS LTD.	76.20	25-Sep-87	Milk River
202662	08-05-003-14 W4M	WENSMANN, PERRY	60.96	02-Oct-84	Milk River
202665	SW-17-003-14 W4M	STELTON, R.	79.25	13-Mar-86	Milk River
202749	12-07-003-15 W4M	DOENZ, FRANK	128.02	20-Dec-84	Milk River
202757	08-09-003-15 W4M	MADGE, FRANK	98.15	30-Jun-77	Milk River
202816	16-33-003-15 W4M	SCHOEN, TONY	134.11	01-Jun-73	Milk River
202830	14-35-003-15 W4M	ORCUTT, FLOYD	152.40	01-Dec-71	Milk River
220917	12-17-003-16 W4M	DICKSON, H	143.26	16-Apr-60	Milk River
220924	SW-18-003-16 W4M	BARON, WM. BLAKE	128.02	14-Feb-86	Milk River
220964	13-23-003-16 W4M	MCCOY, KEN R.	137.16	16-Mar-75	Milk River
220972	13-23-003-16 W4M	MCCOY, KEN R.	140.21	17-May-84	Milk River
220982	01-25-003-16 W4M	HUMMEL, ROY	146.30	01-Jul-73	Milk River
220984	12-26-003-16 W4M	O'DONNELL, J.	164.59	08-May-85	Milk River
221007	13-33-003-16 W4M	HERBST, MATT	195.07	28-Jun-69	Milk River
196233	01-06-004-14 W4M	NEMETH, EDWARD JOSEPH	146.30	01-Jan-68	Milk River
196250	SW-13-004-14 W4M	DOUGLAS, CLARENCE	165.20	30-Mar-87	Milk River
151818	13-17-004-14 W4M	MILTOW COLONY	173.74	05-Mar-90	Milk River
150703	NW-26-004-14 W4M	NIGGLI, TOM	176.78	17-Mar-90	Milk River
196443	04-28-004-15 W4M	OTTO, JOHN	176.78	02-Oct-72	Milk River
196492	12-31-004-15 W4M	OLSEN, ERLING	201.17	06-Mar-75	Milk River
196452	SW-31-004-15 W4M	OLSON, ERLING	195.07		Milk River
238815	NE-31-004-16 W4M	ELM SPRING COLONY	307.85	07-May-86	Milk River
238817	04-16-004-17 W4M	COVERDALE, TODD	271.27	06-Oct-89	Milk River
238818	SE-19-004-17 W4M	MCKENZIE HERFORD FARM LTD	262.13	30-Jul-86	Milk River
118561	SE-16-004-18 W4M	DOUGLAS, WALTER	260.60	20-Feb-69	Milk River
238820	NE-26-004-18 W4M	SCHMID, BERNIE	268.22	28-Sep-89	Milk River
196757	SE-14-005-15 W4M	KAZ TAJIRI PRODUCE LTD	140.21	17-Sep-84	Milk River
197084	13-12-006-15 W4M	FAIRLANE COLONY	249.94	19-Jul-88	Milk River
120836	NW-12-006-19 W4M	FAIRLANE COLONY	241.40	27-Feb-86	Milk River
288114	SW-02-007-15 W4M	PRAIRIE HOME COLONY/PRBM RPT.	249.94	30-Apr-96	Milk River
288113	SW-02-007-15 W4M	PRAIRIE HOME COLONY/PRBM RPT	249.94	25-Oct-96	Milk River
288116	SW-03-007-15 W4M	PRAIRIE HOME/PRBM RPT.	249.94	30-Apr-96	Milk River
288115	SW-03-007-15 W4M	PRAIRIE HOME COLONY/PRBM RPT.	249.94	25-Oct-96	Milk River
290510	SW-03-007-15 W4M	PRAIRIE HOME COLONY #2	248.41	06-Apr-95	Milk River
151387	NW-13-007-15 W4M	OWEN, RICHARD	172.82	26-Mar-90	Milk River



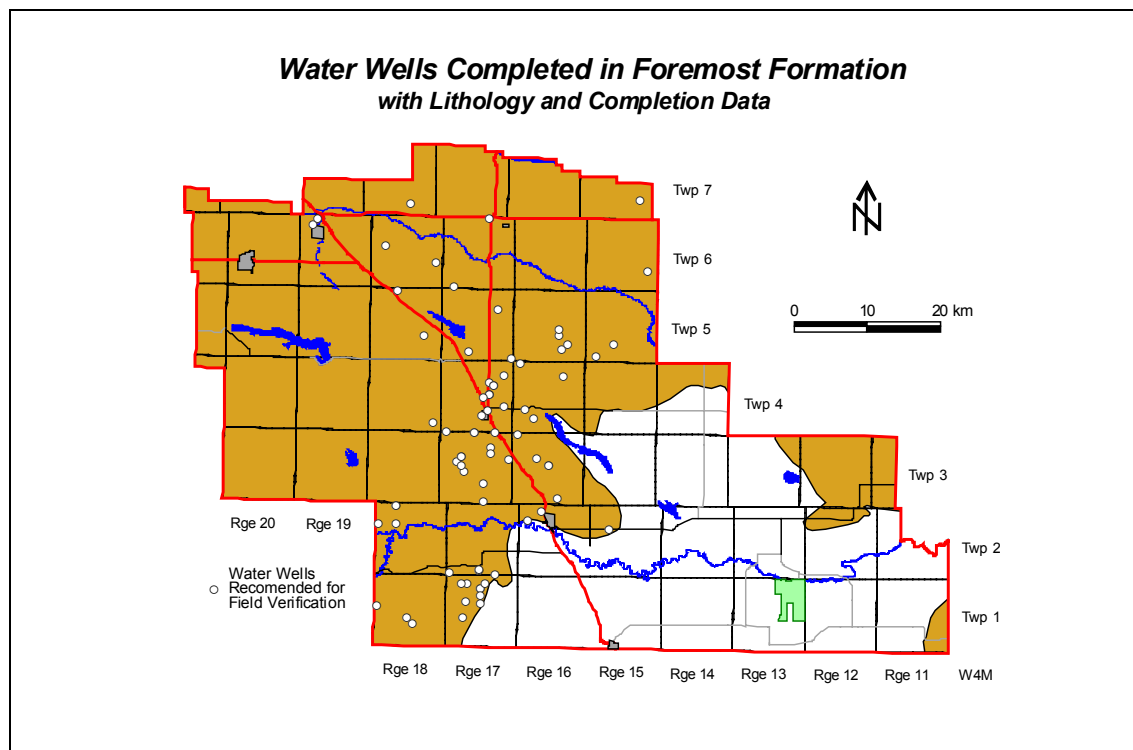
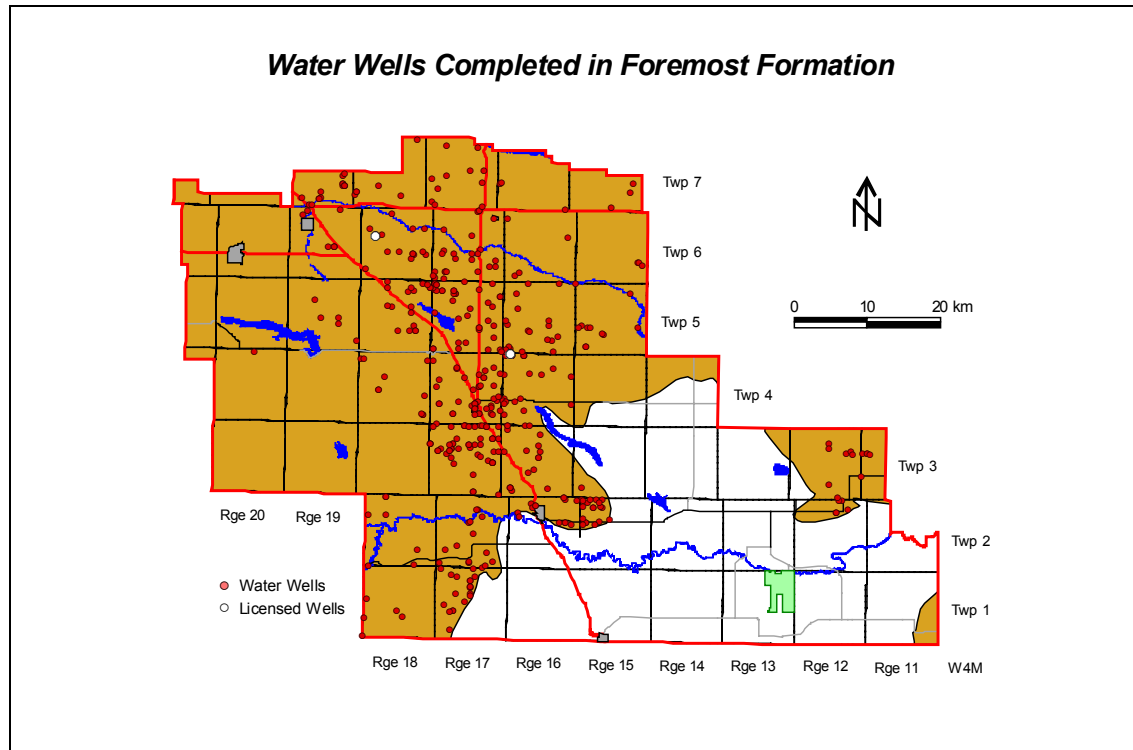
REGIONAL GROUNDWATER ASSESSMENT IN COUNTY OF WARNER NO.5
APPENDIX A – LIST OF WATER WELLS RECOMMENDED FOR FIELD VERIFICATION



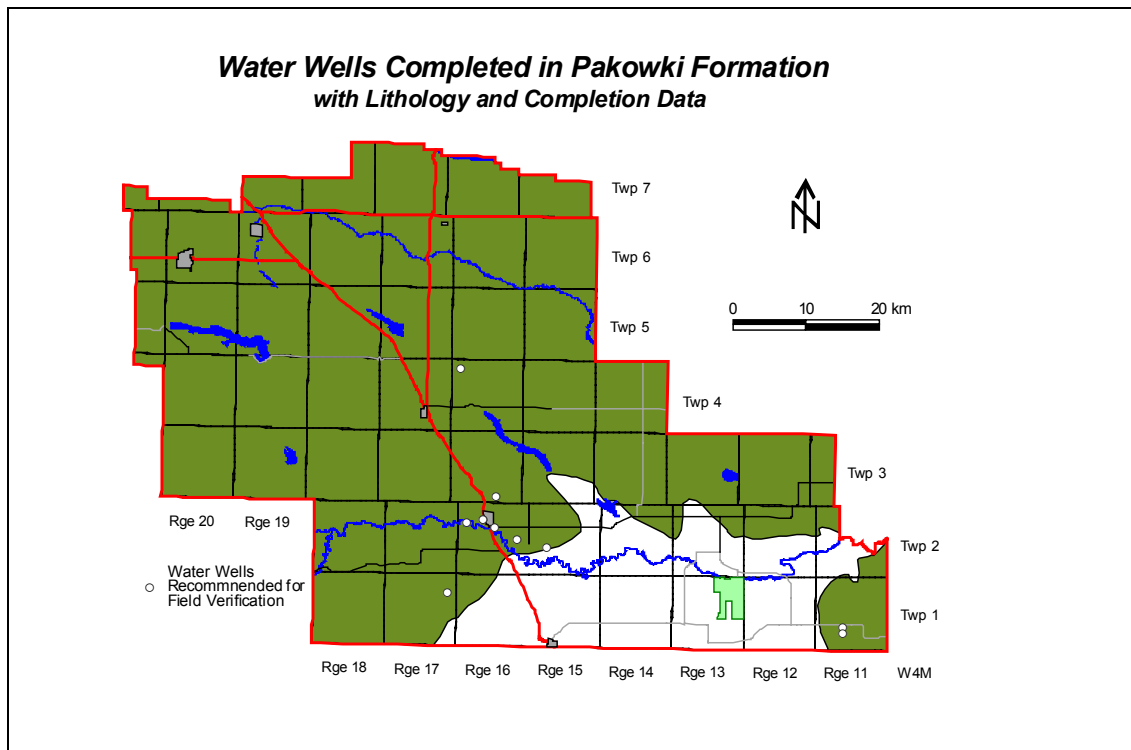
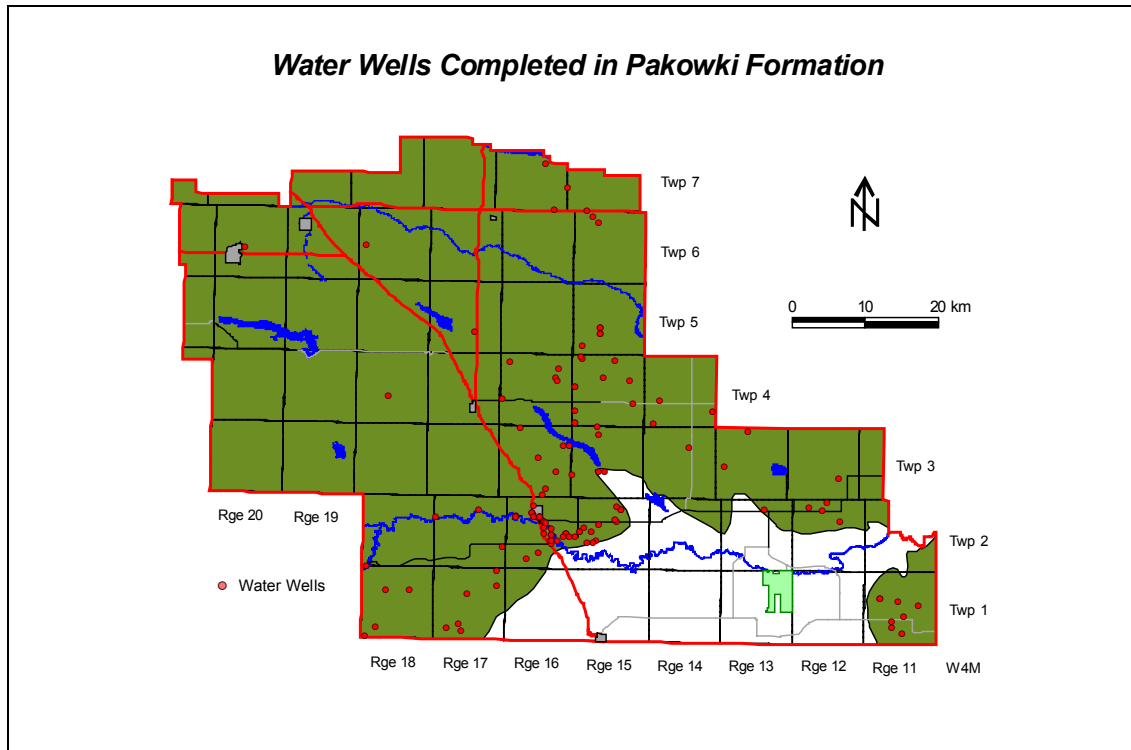
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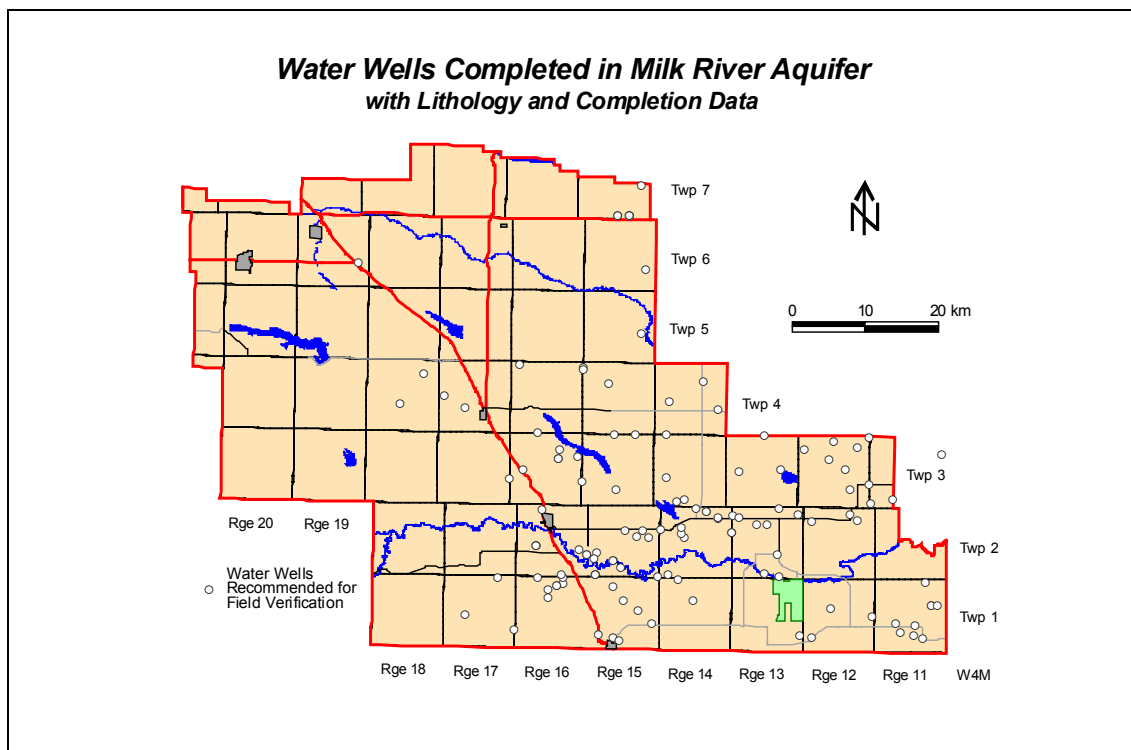
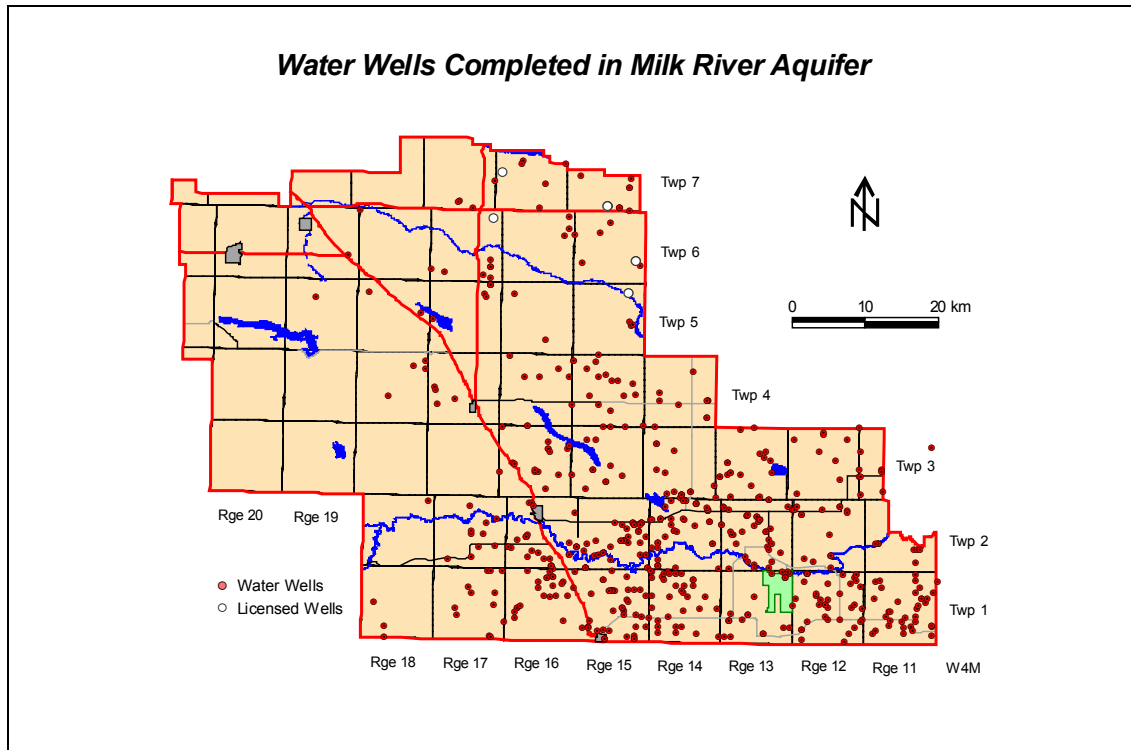
REGIONAL GROUNDWATER ASSESSMENT IN COUNTY OF WARNER NO.5
APPENDIX A – LIST OF WATER WELLS RECOMMENDED FOR FIELD VERIFICATION



REGIONAL GROUNDWATER ASSESSMENT IN COUNTY OF WARNER NO.5
APPENDIX A – LIST OF WATER WELLS RECOMMENDED FOR FIELD VERIFICATION



REGIONAL GROUNDWATER ASSESSMENT IN COUNTY OF WARNER NO.5
APPENDIX A – LIST OF WATER WELLS RECOMMENDED FOR FIELD VERIFICATION



Appendix B – List of Maps and Figures Included in the CD-ROM

1. *General Information*

- County of Warner No. 5
- Location of Water Wells
- Location of Licensed Water Wells
- Location of Special Wells
- Location of Water Wells with Lithologs
- Depth of Water Wells
- Surface Casing Types for Water Wells
- Drilling Methods for Water Wells
- Year Water Wells were Completed
- Depth to Base of Groundwater Protection (after AEUB)
- Depth to Base of Groundwater Protection (modified)
- Surface Topography

2. *Regional Geology*

- Geologic Column
- Geological Map
- Cross-Section A-A'
- Cross-Section B-B'
- Cross-Section C-C'
- Cross-Section D-D'
- Cross-Section E-E'
- Cross-Section F-F'
- Important Features in Surficial Deposits
- Bedrock Topography
- Depth to Top of Colorado Formation
- Structure Top of Colorado Formation

3. *Surficial Deposits*

- Water Wells Completed in Surficial Deposits
- Thickness of Surficial Deposits
- Non-Pumping Water Levels
- Apparent Yield
- Recharge/Discharge Conditions
- Quality of Groundwater from Surficial Deposits
 - Total Hardness → Total Dissolved Solids
 - Sulphate → Chloride
 - Fluoride → Nitrate plus Nitrite (as N)
 - Piper Diagram

4. Oldman Formation

- Water Wells Completed in Oldman Formation
- Depth to Top of Oldman Formation
- Structure Top of Oldman Formation
- Thickness of Oldman Formation
- Non-Pumping Water Levels
- Apparent Yield
- Recharge/Discharge Areas
- Quality of Groundwater from Oldman Formation
 - Total Hardness → Total Dissolved Solids
 - Sulphate → Chloride
 - Fluoride → Nitrate plus Nitrite (as N)
 - Piper Diagram

5. Foremost Formation

- Water Wells Completed in Foremost Formation
- Depth to Top of Foremost Formation
- Structure Top of Foremost Formation
- Thickness of Foremost Formation
- Non-Pumping Water Levels
- Apparent Yield
- Recharge/Discharge Areas
- Quality of Groundwater from Foremost Formation
 - Total Hardness → Total Dissolved Solids
 - Sulphate → Chloride
 - Fluoride → Nitrate plus Nitrite (as N)
 - Piper Diagram

6. Pakowki Formation

- Water Wells Completed in Pakowki Formation
- Depth to Top of Pakowki Formation
- Structure Top of Pakowki Formation
- Thickness of Pakowki Formation
- Non-Pumping Water Levels
- Apparent Yield
- Recharge/Discharge Areas
- Quality of Groundwater from Pakowki Formation
 - Total Hardness → Total Dissolved Solids
 - Sulphate → Chloride
 - Fluoride → Nitrate plus Nitrite (as N)
 - Piper Diagram

7. Milk River Aquifer

- Water Wells Completed in Milk River Aquifer
- Water Wells Completed in Milk River Sandstone
- Depth to Top of Milk River Formation
- Structure Top of Milk River Formation
- Structure Top of Milk River Sandstone
- Thickness of Milk River Formation
- Thickness of Milk River Sandstone
- Non-Pumping Water Levels
- Cross-section for Flow Calculations
- Apparent Yield – Regional Trend
- Apparent Yield – Contours
- Recharge/Discharge Areas
- Quality of Groundwater from Milk River Aquifer
 - Total Hardness → Total Dissolved Solids
 - Sulphate → Chloride
 - Fluoride → Nitrate plus Nitrite (as N)
 - Piper Diagram
- Piper Diagram for Milk River Sandstone

8. Observation Wells and Hydrographs

- Alberta Environment Observation Wells
 - Milk River 2479E → Warner 85-1
 - Milk River 56-1 → Warner 85-2
 - Milk River 85-1 → Aden
 - Milk River 85-2 → Smith Coulee 2469E
- Milk River East Project
 - TH6 → TH7
- Milk River West Project
 - TH2 → TH4
 - RD15/RD17 → TH21

9. Water Wells Recommended for Field Verification

- Surficial Deposits
- Oldman Formation
- Foremost Formation
- Pakowki Formation
- Milk River Aquifer

Appendix C – List of Maps and Figures Included as Large Plots

Two posters have been prepared and are attached. They include:

- **Regional Geology:**
 - Geological map;
 - Six cross sections.

- **Regional Hydrogeology:**
 - Physical map for County of Warner No.5;
 - Location of water wells.
 - Location of water wells completed in Foremost Formation.
 - Location of water wells completed in Milk River Aquifer.
 - Apparent Yield map for wells completed in Foremost Formation.
 - Apparent Yield map for wells completed in Milk River Aquifer.
 - Total Dissolved Solids in groundwater from Foremost Formation
 - Total Dissolved Solids in Groundwater from Milk River Aquifer