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Analysis of Samples Collected at Miscellaneious Sites

GLACIAL RIDGE HYDROLOGY GROUND-WATER WATER QUALITY

MISCELLANEOUS STATION ANALYSES

Date	Time	Sample type	Depth to water level, feet below LSD (72019)	Turbidity, water, unfltrd field, NTU (61028)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	pH, water, unfltrd lab, std units (00403)	Specif. conductance, wat unf lab, uS/cm 25 degC (90095)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)
473945096202401 E01D-R 148N45W01CBDD L107 0000516287 (LAT 47 39 44N LONG 096 20 24W)												
OCT 2003												
22...	1635	Environmental	--	--	--	M	.0	7.7	--	--	733	--
APR 2004												
23...	1345	Environmental	--	--	745	.2	2	7.6	--	--	732	--
JUL												
13...	1300	Environmental	--	31	730	.5	5	6.8	7.8	705	745	23.7
473945096202402 E01S-R 148N45W01CBDD L000 0000249810 (LAT 47 39 44N LONG 096 20 24W)												
OCT 2003												
22...	1605	Environmental	7.00	--	--	2.0	20	7.2	--	--	690	--
APR 2004												
23...	1320	Environmental	6.25	--	745	1.2	10	7.1	--	--	669	--
JUL												
13...	0930	Environmental	9.59	420	731	5.9	61	5.9	7.3	692	732	23.7
474129096145201 E02D 149N44W26DACD Stock well near G09S (LAT 47 41 29N LONG 096 14 52W)												
OCT 2003												
22...	1455	Environmental	--	--	--	.2	2	7.5	--	--	597	--
APR 2004												
22...	1515	Environmental	11.61	--	741	.1	.0	7.9	--	--	590	--
JUL												
21...	0930	Environmental	--	450	722	2.8	26	7.6	7.7	588	604	27.5
21...	0935	Replicate	--	450	727	2.8	26	7.6	7.7	590	604	29.0
474436096140801 E03-R 149N44W12BADA S12 Ob. Well 1 0000654754 (LAT 47 44 35N LONG 096 14 07W)												
OCT 2003												
22...	1025	Environmental	8.78	--	--	1.2	11	7.3	--	--	732	--
APR 2004												
22...	1642	Replicate	--	--	--	--	--	--	--	--	--	--
23...	1640	Environmental	7.95	--	745	.5	4	7.1	--	--	722	--
JUL												
14...	1400	Environmental	7.87	220	732	1.0	9	7.2	E7.3	691	587	29.5
474309096122001 E04D-R 149N43W18DDBA Ob. Well 4, NWF 0000654761 (LAT 47 43 08N LONG 096 12 20W)												
JUL 2004												
22...	1400	Environmental	4.81	7.3	732	4.8	43	7.4	7.5	478	486	19.2
474719096163100 E05-R 150N44W27ABBA L058 (LAT 47 47 20N LONG 096 16 34W)												
JUL 2004												
20...	1515	Environmental	--	11	727	4.9	51	8.1	7.9	487	489	31.0
474207096171101 E15 149N44W22CCCD RR Well 0000221063 (LAT 47 42 07N LONG 096 17 11W)												
JUL 2004												
22...	1700	Environmental	--	100	734	.1	1	7.6	7.6	776	794	21.5
474220096154101 E24 149N44W23CBDD E. Sheep Lot Well (LAT 47 42 20N LONG 096 15 41W)												
JUL 2004												
20...	1100	Environmental	5.66	63	726	<.1	<1	7.8	7.6	571	583	29.5
474224096160501 E25 149N44W22DADB W. Sheep Lot Well (LAT 47 42 24N LONG 096 16 06W)												
JUL 2004												
20...	0845	Environmental	-.40	15	726	6.8	62	7.4	7.6	706	721	29.2
474334096111601 E41 149N43W17ACAB HeggisFlowingWell(LAT474333NLONG0961115W)'												
JUL 2004												
22...	1530	Environmental	--	41	733	2.0	19	7.4	7.5	603	612	20.7

GLACIAL RIDGE GROUND-WATER WATER QUALITY—Continued

MISCELLANEOUS STATION ANALYSES—CONTINUED

Date	Temperature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf fixed end pt, lab, mg/L as CaCO3 (90410)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Carbonate, wat flt incrm. titr., field, mg/L (00452)	Chloride, water, fltrd, mg/L (00940)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)
473945096202401 E01D-R 148N45W01CBDD L107 0000516287 (LAT 47 39 44N LONG 096 20 24W)													
OCT 2003													
22...	11.7	--	--	--	--	385	470	.0	--	--	--	3.44	<.06
APR 2004													
23...	8.0	--	--	--	--	386	471	.0	--	--	--	3.08	<.06
JUL													
13...	11.7	43.4	26.9	78.5	--	378	461	.0	7.87	27.4	21.9	3.31	E.04
473945096202402 E01S-R 148N45W01CBDD L000 0000249810 (LAT 47 39 44N LONG 096 20 24W)													
OCT 2003													
22...	13.1	--	--	--	--	361	440	.0	--	--	--	.13	.82
APR 2004													
23...	7.0	--	--	--	--	333	406	.0	--	--	--	.11	5.67
JUL													
13...	14.4	97.4	30.1	6.34	--	315	379	.0	8.68	13.8	16.1	.08	13.4
474129096145201 E02D 149N44W26DACD Stock well near G09S (LAT 47 41 29N LONG 096 14 52W)													
OCT 2003													
22...	10.6	--	--	--	--	306	374	.0	--	--	--	.85	<.06
APR 2004													
22...	7.7	--	--	--	--	308	376	.0	--	--	--	.87	<.06
JUL													
21...	9.7	58.5	29.8	30.2	--	314	383	.0	1.02	25.3	23.7	.89	<.06
21...	9.7	59.0	30.0	30.4	272	--	--	--	1.02	25.3	23.8	.89	<.06
474436096140801 E03-R 149N44W12BADA S12 Ob. Well 1 0000654754 (LAT 47 44 35N LONG 096 14 07W)													
OCT 2003													
22...	8.4	--	--	--	--	256	312	.0	--	--	--	<.04	15.4
APR 2004													
22...	--	--	--	--	--	--	--	--	--	--	--	<.04	6.64
23...	8.8	--	--	--	--	292	356	.0	--	--	--	<.04	6.77
JUL													
14...	9.0	90.2	36.5	6.12	221	298	363	.0	15.8	12.1	45.6	<.04	5.33
474309096122001 E04D-R 149N43W18DDBA Ob. Well 4, NWF 0000654761 (LAT 47 43 08N LONG 096 12 20W)													
JUL 2004													
22...	9.2	69.3	23.6	3.51	183	267	326	.0	.62	24.1	13.5	.08	<.06
474719096163100 E05-R 150N44W27ABBA L058 (LAT 47 47 20N LONG 096 16 34W)													
JUL 2004													
20...	14.6	52.3	34.6	4.13	200	226	276	.0	6.73	15.1	6.1	<.04	6.03
474207096171101 E15 149N44W22CCCD RR Well 0000221063 (LAT 47 42 07N LONG 096 17 11W)													
JUL 2004													
22...	11.4	76.9	43.6	38.3	281	420	513	.0	2.35	26.1	38.5	1.43	<.06
474220096154101 E24 149N44W23CBDD E. Sheep Lot Well (LAT 47 42 20N LONG 096 15 41W)													
JUL 2004													
20...	11.0	72.6	30.1	12.7	305	319	389	.0	1.41	26.6	16.7	.42	<.06
474224096160501 E25 149N44W22DADB W. Sheep Lot Well (LAT 47 42 24N LONG 096 16 06W)													
JUL 2004													
20...	8.8	78.9	37.1	31.4	332	361	440	.0	1.60	26.2	42.3	1.10	<.06
474334096111601 E41 149N43W17ACAB HeggisFlowingWell(LAT474333NLONG0961115W)'													
JUL 2004													
22...	10.0	74.7	31.6	14.5	251	332	405	.0	.69	26.0	7.5	.46	<.06

GLACIAL RIDGE GROUND-WATER WATER QUALITY—Continued

MISCELLANEOUS STATION ANALYSES—CONTINUED

Date	Nitrite water, fltrd, mg/L as N (00613)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, fltrd, mg/L (00666)	Total nitro-gen, wat flt by anal ysis, mg/L (62854)	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)	2-[(2-Ethyl-6methyl phenyl) amino]2 oxoESA ug/L (62850)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	Aceto-chlor ESA, water, fltrd 0.7u GF ug/L (61029)	Aceto-chlor OA, water, fltrd 0.7u GF ug/L (61030)	Aceto-chlor SAA, water, fltrd, ug/L (62847)	Aceto-chlor, water, fltrd, ug/L (49260)
473945096202401 E01D-R 148N45W01CBDD L107 0000516287 (LAT 47 39 44N LONG 096 20 24W)													
OCT 2003													
22...	<.008	.254	.27	3.94	--	--	--	--	--	--	--	--	--
APR 2004													
23...	<.008	.280	.29	3.66	--	--	--	--	--	--	--	--	--
JUL													
13...	<.008	.273	.24	3.65	818	36.4	<.02	<.05	<.05	<.02	<.02	<.02	<.02
473945096202402 E01S-R 148N45W01CBDD L000 0000249810 (LAT 47 39 44N LONG 096 20 24W)													
OCT 2003													
22...	<.008	E.003	.005	1.22	--	--	--	--	--	--	--	--	--
APR 2004													
23...	E.006	<.006	.004	5.79	--	--	--	--	--	--	--	--	--
JUL													
13...	<.008	<.006	.004	13.3	E4	131	<.02	<.05	<.05	<.02	<.02	<.02	<.02
474129096145201 E02D 149N44W26DACD Stock well near G09S (LAT 47 41 29N LONG 096 14 52W)													
OCT 2003													
22...	<.008	.030	.044	.99	--	--	--	--	--	--	--	--	--
APR 2004													
22...	<.008	.021	.029	1.03	--	--	--	--	--	--	--	--	--
JUL													
21...	<.008	.035	.049	1.01	863	29.9	<.02	<.05	<.05	<.02	<.02	<.02	<.02
21...	<.008	.039	.061	1.12	869	30.6	<.02	<.05	<.05	<.02	<.02	<.02	<.02
474436096140801 E03-R 149N44W12BADA S12 Ob. Well 1 0000654754 (LAT 47 44 35N LONG 096 14 07W)													
OCT 2003													
22...	.079	<.006	.005	15.3	--	--	--	--	--	--	--	--	--
APR 2004													
22...	.069	<.006	.004	6.76	--	--	--	--	--	--	--	--	--
23...	.068	<.006	E.004	6.79	--	--	--	--	--	--	--	--	--
JUL													
14...	.025	<.006	.004	5.32	E4	132	<.02	.12	.08	<.02	<.02	<.02	<.02
474309096122001 E04D-R 149N43W18DDBA Ob. Well 4, NWF 0000654761 (LAT 47 43 08N LONG 096 12 20W)													
JUL 2004													
22...	<.008	.012	.022	.13	1,050	71.1	<.02	<.05	<.05	<.02	<.02	<.02	<.02
474719096163100 E05-R 150N44W27ABBA L058 (LAT 47 47 20N LONG 096 16 34W)													
JUL 2004													
20...	<.008	<.006	E.003	6.25	<6	E.6	<.02	<.05	<.05	<.02	<.02	<.02	<.02
474207096171101 E15 149N44W22CCCD RR Well 0000221063 (LAT 47 42 07N LONG 096 17 11W)													
JUL 2004													
22...	<.008	.058	.067	1.65	2,970	35.1	<.02	<.05	<.05	<.02	<.02	<.02	<.02
474220096154101 E24 149N44W23CBDD E. Sheep Lot Well (LAT 47 42 20N LONG 096 15 41W)													
JUL 2004													
20...	<.008	.014	.031	.54	1,030	61.7	<.02	<.05	<.05	<.02	<.02	<.02	<.02
474224096160501 E25 149N44W22DADB W. Sheep Lot Well (LAT 47 42 24N LONG 096 16 06W)													
JUL 2004													
20...	<.008	.096	.114	1.23	1,340	43.2	<.02	<.05	<.05	<.02	<.02	<.02	<.02
474334096111601 E41 149N43W17ACAB HeggisFlowingWell(LAT474333NLONG0961115W)'													
JUL 2004													
22...	<.008	.013	.025	.60	755	53.5	<.02	<.05	<.05	<.02	<.02	<.02	<.02

GLACIAL RIDGE GROUND-WATER WATER QUALITY—Continued

MISCELLANEOUS STATION ANALYSES—CONTINUED

Date	Alachlor ESA SA, water, fltrd, ug/L (62849)	Alachlor ESA, water, fltrd 0.7u GF ug/L (50009)	Alachlor OA, water, fltrd 0.7u GF ug/L (61031)	Alachlor SAA, water, fltrd, ug/L (62848)	Alachlor, water, fltrd, ug/L (46342)	Ametryn water, fltrd, ug/L (38401)	Atrazine, water, fltrd, ug/L (39632)	Cyanazine amide, water, fltrd, ug/L (61709)	Cyanazine, water, fltrd, ug/L (04041)	Dimethenamid ESA, water, fltrd, ug/L (61951)	Dimethenamid OA, water, fltrd, ug/L (62482)	Dimethenamid water, fltrd, ug/L (61588)	Flufenacet ESA, water, fltrd, ug/L (61952)
473945096202401 E01D-R 148N45W01CBDD L107 0000516287 (LAT 47 39 44N LONG 096 20 24W)													
JUL 13...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
473945096202402 E01S-R 148N45W01CBDD L000 0000249810 (LAT 47 39 44N LONG 096 20 24W)													
JUL 13...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
474129096145201 E02D 149N44W26DACD Stock well near G09S (LAT 47 41 29N LONG 096 14 52W)													
JUL 21...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
21...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
474436096140801 E03-R 149N44W12BADA S12 Ob. Well 1 0000654754 (LAT 47 44 35N LONG 096 14 07W)													
JUL 14...	<.02	.56	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
474309096122001 E04D-R 149N43W18DDBA Ob. Well 4, NWF 0000654761 (LAT 47 43 08N LONG 096 12 20W)													
JUL 2004 22...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
474719096163100 E05-R 150N44W27ABBA L058 (LAT 47 47 20N LONG 096 16 34W)													
JUL 2004 20...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
474207096171101 E15 149N44W22CCCD RR Well 0000221063 (LAT 47 42 07N LONG 096 17 11W)													
JUL 2004 22...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
474220096154101 E24 149N44W23CBDD E. Sheep Lot Well (LAT 47 42 20N LONG 096 15 41W)													
JUL 2004 20...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
474224096160501 E25 149N44W22DADB W. Sheep Lot Well (LAT 47 42 24N LONG 096 16 06W)													
JUL 2004 20...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
474334096111601 E41 149N43W17ACAB HeggisFlowingWell(LAT474333NLONG0961115W)'													
JUL 2004 22...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02

GLACIAL RIDGE GROUND-WATER WATER QUALITY—Continued

MISCELLANEOUS STATION ANALYSES—CONTINUED

Date	Flufenacet OA, water, fltrd, ug/L (62483)	Flufenacet, water, fltrd, ug/L (62481)	Metolachlor ESA, water, fltrd 0.7u GF ug/L (61043)	Metolachlor OA, water, fltrd 0.7u GF ug/L (61044)	Metolachlor, water, fltrd, ug/L (39415)	Metribuzin, water, fltrd, ug/L (82630)	Pendimethalin, water, fltrd 0.7u GF ug/L (82683)	Prometon, water, fltrd, ug/L (04037)	Prometryn, water, fltrd, ug/L (04036)	Propachlor ESA, water, fltrd 0.7u GF ug/L (62766)	Propachlor OA, water, fltrd 0.7u GF ug/L (62767)	Propachlor, water, fltrd, ug/L (04024)	Propazine, water, fltrd, ug/L (38535)
473945096202401 E01D-R 148N45W01CBDD L107 0000516287 (LAT 47 39 44N LONG 096 20 24W)													
JUL 13...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
473945096202402 E01S-R 148N45W01CBDD L000 0000249810 (LAT 47 39 44N LONG 096 20 24W)													
JUL 13...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
474129096145201 E02D 149N44W26DACD Stock well near G09S (LAT 47 41 29N LONG 096 14 52W)													
JUL 21...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
21...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
474436096140801 E03-R 149N44W12BADA S12 Ob. Well 1 0000654754 (LAT 47 44 35N LONG 096 14 07W)													
JUL 14...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
474309096122001 E04D-R 149N43W18DDBA Ob. Well 4, NWF 0000654761 (LAT 47 43 08N LONG 096 12 20W)													
JUL 2004 22...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
474719096163100 E05-R 150N44W27ABBA L058 (LAT 47 47 20N LONG 096 16 34W)													
JUL 2004 20...	<.02	<.02	<.02	<.02	.03	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
474207096171101 E15 149N44W22CCCD RR Well 0000221063 (LAT 47 42 07N LONG 096 17 11W)													
JUL 2004 22...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
474220096154101 E24 149N44W23CBDD E. Sheep Lot Well (LAT 47 42 20N LONG 096 15 41W)													
JUL 2004 20...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
474224096160501 E25 149N44W22DADB W. Sheep Lot Well (LAT 47 42 24N LONG 096 16 06W)													
JUL 2004 20...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
474334096111601 E41 149N43W17ACAB HeggisFlowingWell(LAT474333NLONG0961115W)'													
JUL 2004 22...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05

GLACIAL RIDGE GROUND-WATER WATER QUALITY—Continued

MISCELLANEOUS STATION ANALYSES—CONTINUED

Date	Sima-zine, water, fltrd, ug/L (04035)	Ter-butryn, water, fltrd, ug/L (38888)	Deu-terium/ Protium ratio, water, unfltrd per mil (82082)	O-18 / O-16 ratio, water, unfltrd per mil (82085)
473945096202401 E01D-R 148N45W01CBDD L107 0000516287 (LAT 47 39 44N LONG 096 20 24W)				
JUL 13...	<.05	<.05	-102	-13.52
473945096202402 E01S-R 148N45W01CBDD L000 0000249810 (LAT 47 39 44N LONG 096 20 24W)				
JUL 13...	<.05	<.05	-70.90	-9.95
474129096145201 E02D 149N44W26DACD Stock well near G09S (LAT 47 41 29N LONG 096 14 52W)				
JUL 21...	<.05	<.05	-79.10	-10.25
21...	<.05	<.05	-79.10	-10.31
474436096140801 E03-R 149N44W12BADA S12 Ob. Well 1 0000654754 (LAT 47 44 35N LONG 096 14 07W)				
JUL 14...	<.05	<.05	-75.90	-10.12
474309096122001 E04D-R 149N43W18DDBA Ob. Well 4, NWF 0000654761 (LAT 47 43 08N LONG 096 12 20W)				
JUL 2004 22...	<.05	<.05	-89.20	-12.10
474719096163100 E05-R 150N44W27ABBA L058 (LAT 47 47 20N LONG 096 16 34W)				
JUL 2004 20...	<.05	<.05	-54.60	-7.84
474207096171101 E15 149N44W22CCCD RR Well 0000221063 (LAT 47 42 07N LONG 096 17 11W)				
JUL 2004 22...	<.05	<.05	-85.60	-11.12
474220096154101 E24 149N44W23CBDD E. Sheep Lot Well (LAT 47 42 20N LONG 096 15 41W)				
JUL 2004 20...	<.05	<.05	-90.00	-11.97
474224096160501 E25 149N44W22DADB W. Sheep Lot Well (LAT 47 42 24N LONG 096 16 06W)				
JUL 2004 20...	<.05	<.05	-86.10	-11.29
474334096111601 E41 149N43W17ACAB HeggisFlowingWell(LAT474333NLONG0961115W)'				
JUL 2004 22...	<.05	<.05	-84.00	-11.17

GLACIAL RIDGE GROUND-WATER WATER QUALITY—Continued

MISCELLANEOUS STATION ANALYSES—CONTINUED

Date	Time	Sample type	Depth to water level, feet below LSD (72019)	Turbidity, water, unfltrd field, NTU (61028)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	pH, water, unfltrd lab, std units (00403)	Specif. conductance, wat unf lab, uS/cm 25 degC (90095)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)
		474135096203001 G01-R 149N44W30CAAD 0000620661 (LAT 47 41 34N LONG 096 20 30W)										
OCT 2003												
23...	0845	Environmental	4.03	--	--	.4	4	6.8	--	--	937	--
APR 2004												
23...	1125	Environmental	2.42	--	745	.2	1	6.7	--	--	916	--
MAY												
18...	1300	Environmental	4.79	92	741	.5	5	6.7	E7.2	915	945	22.0
18...	1500	Blank	--	--	--	--	--	--	7.8	4	--	--
		473849096202101 G02 148N45W12CDBC 0000620662 (LAT 47 38 49N LONG 096 20 20W)										
MAY 2004												
19...	0900	Environmental	6.92	400	733	4.7	42	7.3	7.6	603	667	14.0
		473914096195401 G03 148N45W12ACBD 0000620663 (LAT 47 39 13N LONG 096 19 54W)										
MAY 2004												
18...	1630	Environmental	6.13	320	738	5.9	64	7.3	--	--	967	22.0
		474242096194701 G04 149N44W20BCBC 0000620664 (LAT 47 42 42N LONG 096 19 47W)										
MAY 2004												
21...	0830	Environmental	9.00	45	739	9.0	82	7.4	7.6	603	618	10.5
		474119096190901 G06 149N44W29DCCB 0000620666 (LAT 47 41 19N LONG 096 19 09W)										
JUL 2004												
22...	1100	Environmental	7.47	7.9	733	6.2	59	7.4	7.5	588	603	16.4
22...	1105	Replicate	--	7.9	733	6.2	59	7.4	7.5	588	603	16.4
		474300096172602 G07D 149N44W16DDCD 0000620667 (LAT 47 43 00N LONG 096 17 25W)										
MAY 2004												
20...	1400	Environmental	10.70	10	740	3.9	37	7.2	7.7	601	626	14.5
		474300096172601 G07S 149N44W16DDCD 0000620657 (LAT 47 43 00N LONG 096 17 25W)										
MAY 2004												
20...	0930	Environmental	10.75	20	740	8.1	77	7.5	7.7	462	467	10.5
		474346096185501 G08-R 149N44W17ABAD 0000620668 (LAT 47 43 45N LONG 096 18 54W)										
OCT 2003												
23...	1136	Environmental	7.46	--	--	2.9	28	7.3	--	--	1,330	--
APR 2004												
23...	1555	Environmental	6.97	--	740	3.2	27	7.3	--	--	1,140	--
MAY												
20...	1630	Environmental	6.39	240	740	3.8	36	7.2	7.4	1,100	1,120	15.5
		474129096145202 G09 149N44W26DDCA 0000620669 (LAT 47 41 29N LONG 096 14 52W)										
OCT 2003												
22...	1425	Environmental	5.02	--	--	.1	1	7.2	--	--	522	--
22...	1427	Replicate	--	--	--	--	--	--	--	--	--	--
APR 2004												
22...	1313	Environmental	3.83	--	742	.1	1	7.6	--	--	484	--
22...	1315	Replicate	--	--	--	--	--	--	--	--	--	--
MAY												
19...	1400	Environmental	3.29	10	729	.1	.0	7.3	7.7	429	492	17.5
		474109096133501 G10 149N44W36AABD 0000620670 (LAT 47 40 50N LONG 096 13 53W)										
MAY 2004												
21...	1050	Environmental	3.58	9.3	729	8.4	72	7.7	7.8	285	304	10.5

GLACIAL RIDGE GROUND-WATER WATER QUALITY—Continued

MISCELLANEOUS STATION ANALYSES—CONTINUED

Date	Temperature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf fixed end pt, lab, mg/L as CaCO3 (90410)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Carbonate, wat flt incrm. titr., field, mg/L (00452)	Chloride, water, fltrd, mg/L (00940)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)
474135096203001 G01-R 149N44W30CAAD 0000620661 (LAT 47 41 34N LONG 096 20 30W)													
OCT 2003													
23...	10.9	--	--	--	--	493	601	.0	--	--	--	.21	<.06
APR 2004													
23...	4.2	--	--	--	--	494	608	.0	--	--	--	.15	<.06
MAY													
18...	10.0	143	48.0	10.4	535	529	645	.0	21.4	23.9	2.7	.15	<.06
18...	--	.05	E.006	E.05	--	.0	M	--	<.20	<.2	<.2	<.04	<.06
473849096202101 G02 148N45W12CDBC 0000620662 (LAT 47 38 49N LONG 096 20 20W)													
MAY 2004													
19...	8.7	94.7	35.4	5.88	328	307	374	.0	10.6	15.7	37.5	<.04	3.89
473914096195401 G03 148N45W12ACBD 0000620663 (LAT 47 39 13N LONG 096 19 54W)													
MAY 2004													
18...	17.9	--	--	--	--	--	--	--	--	--	--	--	--
474242096194701 G04 149N44W20BCBC 0000620664 (LAT 47 42 42N LONG 096 19 47W)													
MAY 2004													
21...	9.9	72.2	34.1	10.7	211	213	260	.0	8.71	10.1	30.5	<.04	19.5
474119096190901 G06 149N44W29DCCB 0000620666 (LAT 47 41 19N LONG 096 19 09W)													
JUL 2004													
22...	11.4	78.9	27.4	4.13	158	201	245	.0	6.41	16.3	27.6	<.04	19.5
22...	11.4	79.2	27.5	4.10	181	--	--	--	6.31	16.3	27.1	<.04	20.0
474300096172602 G07D 149N44W16DDCD 0000620667 (LAT 47 43 00N LONG 096 17 25W)													
MAY 2004													
20...	10.7	97.2	33.1	3.56	--	341	416	.0	6.84	17.4	8.8	<.04	.35
474300096172601 G07S 149N44W16DDCD 0000620657 (LAT 47 43 00N LONG 096 17 25W)													
MAY 2004													
20...	11.6	64.0	23.0	1.97	226	231	282	.0	1.98	14.9	7.6	<.04	4.80
474346096185501 G08-R 149N44W17ABAD 0000620668 (LAT 47 43 45N LONG 096 18 54W)													
OCT 2003													
23...	10.9	--	--	--	--	402	490	.0	--	--	--	<.04	59.7
APR 2004													
23...	6.0	--	--	--	--	353	430	.0	--	--	--	<.04	46.0
MAY													
20...	12.0	119	43.5	15.3	170	361	440	.0	13.6	8.3	56.0	<.04	43.0
474129096145202 G09 149N44W26DDCA 0000620669 (LAT 47 41 29N LONG 096 14 52W)													
OCT 2003													
22...	11.5	--	--	--	--	253	309	.0	--	--	--	<.04	3.63
22...	--	--	--	--	--	--	--	--	--	--	--	<.04	3.66
APR 2004													
22...	3.9	--	--	--	--	247	302	.0	--	--	--	<.04	2.00
22...	--	--	--	--	--	--	--	--	--	--	--	<.04	1.94
MAY													
19...	6.8	72.7	17.9	4.52	210	248	303	.0	3.48	8.5	8.4	<.04	1.49
474109096133501 G10 149N44W36AABD 0000620670 (LAT 47 40 50N LONG 096 13 53W)													
MAY 2004													
21...	6.9	49.4	10.2	1.21	--	153	187	.0	1.20	10.8	3.8	<.04	1.34

GLACIAL RIDGE GROUND-WATER WATER QUALITY—Continued

MISCELLANEOUS STATION ANALYSES—CONTINUED

Date	Nitrite water, fltrd, mg/L as N (00613)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, fltrd, mg/L (00666)	Total nitro-gen, wat flt by anal ysis, mg/L (62854)	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)	2-[(2-Ethyl-6methyl phenyl) amino]2 oxoESA ug/L (62850)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	Aceto-chlor ESA, water, fltrd 0.7u GF ug/L (61029)	Aceto-chlor OA, water, fltrd 0.7u GF ug/L (61030)	Aceto-chlor SAA, water, fltrd, ug/L (62847)	Aceto-chlor, water, fltrd, ug/L (49260)
474135096203001 G01-R 149N44W30CAAD 0000620661 (LAT 47 41 34N LONG 096 20 30W)													
OCT 2003													
23...	<.008	.010	.015	.99	--	--	--	--	--	--	--	--	--
APR 2004													
23...	<.008	<.006	.012	.77	--	--	--	--	--	--	--	--	--
MAY													
18...	<.008	<.006	.016	.89	5,230	557	<.02	<.05	<.05	<.02	<.02	<.02	<.02
18...	<.008	<.006	<.004	<.03	<6	<.8	<.02	<.05	<.05	<.02	<.02	<.02	<.02
473849096202101 G02 148N45W12CDBC 0000620662 (LAT 47 38 49N LONG 096 20 20W)													
MAY 2004													
19...	<.008	<.006	E.002	3.85	27	50.4	<.02	.07	<.05	<.02	<.02	<.02	<.02
473914096195401 G03 148N45W12ACBD 0000620663 (LAT 47 39 13N LONG 096 19 54W)													
MAY 2004													
18...	--	--	--	--	--	--	<.02	<.05	<.05	<.02	<.02	<.02	<.02
474242096194701 G04 149N44W20BCBC 0000620664 (LAT 47 42 42N LONG 096 19 47W)													
MAY 2004													
21...	<.008	<.006	E.004	18.5	<6	1.0	<.02	.09	.10	<.02	<.02	<.02	<.02
474119096190901 G06 149N44W29DCCB 0000620666 (LAT 47 41 19N LONG 096 19 09W)													
JUL 2004													
22...	.042	<.006	E.003	22.4	<6	23.9	<.02	.08	.07	<.02	<.02	<.02	<.02
22...	.041	<.006	.004	15.6	<6	23.7	<.02	.08	.07	<.02	<.02	<.02	<.02
474300096172602 G07D 149N44W16DDCD 0000620667 (LAT 47 43 00N LONG 096 17 25W)													
MAY 2004													
20...	<.008	E.003	.006	.45	<6	E.4	<.02	<.05	<.05	<.02	<.02	<.02	<.02
474300096172601 G07S 149N44W16DDCD 0000620657 (LAT 47 43 00N LONG 096 17 25W)													
MAY 2004													
20...	<.008	E.005	.007	4.61	<6	2.5	<.02	.21	<.05	<.02	<.02	<.02	<.02
474346096185501 G08-R 149N44W17ABAD 0000620668 (LAT 47 43 45N LONG 096 18 54W)													
OCT 2003													
23...	.095	<.006	E.004	58.4	--	--	--	--	--	--	--	--	--
APR 2004													
23...	.041	<.006	E.003	47.0	--	--	--	--	--	--	--	--	--
MAY													
20...	.025	E.003	.004	38.0	<6	266	<.02	<.05	<.05	<.02	<.02	<.02	<.02
474129096145202 G09 149N44W26DDCA 0000620669 (LAT 47 41 29N LONG 096 14 52W)													
OCT 2003													
22...	.073	<.006	.006	4.20	--	--	--	--	--	--	--	--	--
22...	.074	<.006	.006	4.01	--	--	--	--	--	--	--	--	--
APR 2004													
22...	.025	<.006	.006	2.37	--	--	--	--	--	--	--	--	--
22...	.026	<.006	.005	2.38	--	--	--	--	--	--	--	--	--
MAY													
19...	.043	E.005	.008	1.86	E5	1,060	<.02	<.05	<.05	<.02	<.02	<.02	<.02
474109096133501 G10 149N44W36AABD 0000620670 (LAT 47 40 50N LONG 096 13 53W)													
MAY 2004													
21...	<.008	.038	.048	1.47	<6	<.8	<.02	<.05	<.05	<.02	<.02	<.02	<.02

GLACIAL RIDGE GROUND-WATER WATER QUALITY—Continued

MISCELLANEOUS STATION ANALYSES—CONTINUED

Date	Alachlor ESA SA, water, fltrd, ug/L (62849)	Alachlor ESA, water, fltrd 0.7u GF ug/L (50009)	Alachlor OA, water, fltrd 0.7u GF ug/L (61031)	Alachlor SAA, water, fltrd, ug/L (62848)	Alachlor, water, fltrd, ug/L (46342)	Ametryn water, fltrd, ug/L (38401)	Atrazine, water, fltrd, ug/L (39632)	Cyanazine amide, water, fltrd, ug/L (61709)	Cyanazine, water, fltrd, ug/L (04041)	Dimethenamid ESA, water, fltrd, ug/L (61951)	Dimethenamid OA, water, fltrd, ug/L (62482)	Dimethenamid water, fltrd, ug/L (61588)	Flufenacet ESA, water, fltrd, ug/L (61952)
474135096203001 G01-R 149N44W30CAAD 0000620661 (LAT 47 41 34N LONG 096 20 30W)													
MAY													
18...	<.02	.23	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
18...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
473849096202101 G02 148N45W12CDBC 0000620662 (LAT 47 38 49N LONG 096 20 20W)													
MAY 2004													
19...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
473914096195401 G03 148N45W12ACBD 0000620663 (LAT 47 39 13N LONG 096 19 54W)													
MAY 2004													
18...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
474242096194701 G04 149N44W20BCBC 0000620664 (LAT 47 42 42N LONG 096 19 47W)													
MAY 2004													
21...	<.02	.11	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
474119096190901 G06 149N44W29DCCB 0000620666 (LAT 47 41 19N LONG 096 19 09W)													
JUL 2004													
22...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
22...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
474300096172602 G07D 149N44W16DDCD 0000620667 (LAT 47 43 00N LONG 096 17 25W)													
MAY 2004													
20...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
474300096172601 G07S 149N44W16DDCD 0000620657 (LAT 47 43 00N LONG 096 17 25W)													
MAY 2004													
20...	<.02	<.02	<.02	<.02	<.02	<.05	.12	<.05	<.05	<.02	<.02	<.02	<.02
474346096185501 G08-R 149N44W17ABAD 0000620668 (LAT 47 43 45N LONG 096 18 54W)													
MAY													
20...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
474129096145202 G09 149N44W26DDCA 0000620669 (LAT 47 41 29N LONG 096 14 52W)													
MAY													
19...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
474109096133501 G10 149N44W36AABD 0000620670 (LAT 47 40 50N LONG 096 13 53W)													
MAY 2004													
21...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02

GLACIAL RIDGE GROUND-WATER WATER QUALITY—Continued

MISCELLANEOUS STATION ANALYSES—CONTINUED

Date	Flufenacet OA, water, fltrd, ug/L (62483)	Flufenacet, water, fltrd, ug/L (62481)	Metolachlor ESA, water, fltrd 0.7u GF ug/L (61043)	Metolachlor OA, water, fltrd 0.7u GF ug/L (61044)	Metolachlor, water, fltrd, ug/L (39415)	Metribuzin, water, fltrd, ug/L (82630)	Pendimethalin, water, fltrd 0.7u GF ug/L (82683)	Prometon, water, fltrd, ug/L (04037)	Prometryn, water, fltrd, ug/L (04036)	Propachlor ESA, water, fltrd 0.7u GF ug/L (62766)	Propachlor OA, water, fltrd 0.7u GF ug/L (62767)	Propachlor, water, fltrd, ug/L (04024)	Propazine, water, fltrd, ug/L (38535)
474135096203001 G01-R 149N44W30CAAD 0000620661 (LAT 47 41 34N LONG 096 20 30W)													
MAY													
18...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
18...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
473849096202101 G02 148N45W12CDBC 0000620662 (LAT 47 38 49N LONG 096 20 20W)													
MAY 2004													
19...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
473914096195401 G03 148N45W12ACBD 0000620663 (LAT 47 39 13N LONG 096 19 54W)													
MAY 2004													
18...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
474242096194701 G04 149N44W20BCBC 0000620664 (LAT 47 42 42N LONG 096 19 47W)													
MAY 2004													
21...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
474119096190901 G06 149N44W29DCCB 0000620666 (LAT 47 41 19N LONG 096 19 09W)													
JUL 2004													
22...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
22...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
474300096172602 G07D 149N44W16DDCD 0000620667 (LAT 47 43 00N LONG 096 17 25W)													
MAY 2004													
20...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
474300096172601 G07S 149N44W16DDCD 0000620657 (LAT 47 43 00N LONG 096 17 25W)													
MAY 2004													
20...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
474346096185501 G08-R 149N44W17ABAD 0000620668 (LAT 47 43 45N LONG 096 18 54W)													
MAY													
20...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
474129096145202 G09 149N44W26DDCA 0000620669 (LAT 47 41 29N LONG 096 14 52W)													
MAY													
19...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
474109096133501 G10 149N44W36AABD 0000620670 (LAT 47 40 50N LONG 096 13 53W)													
MAY 2004													
21...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05

GLACIAL RIDGE GROUND-WATER WATER QUALITY—Continued

MISCELLANEOUS STATION ANALYSES—CONTINUED

Date	Sima-zine, water, fltrd, ug/L (04035)	Ter-butryn, water, fltrd, ug/L (38888)	Deu-terium/ Protium ratio, water, unfltrd per mil (82082)	O-18 / O-16 ratio, water, unfltrd per mil (82085)
474135096203001 G01-R 149N44W30CAAD				
0000620661 (LAT 47 41 34N LONG 096 20 30W)				
MAY				
18...	<.05	<.05	-68.30	-9.23
18...	<.05	<.05	--	--
473849096202101 G02 148N45W12CDBC				
0000620662 (LAT 47 38 49N LONG 096 20 20W)				
MAY				
2004				
19...	<.05	<.05	-78.60	-10.62
473914096195401 G03 148N45W12ACBD				
0000620663 (LAT 47 39 13N LONG 096 19 54W)				
MAY				
2004				
18...	<.05	<.05	-87.70	-12.16
474242096194701 G04 149N44W20BCBC				
0000620664 (LAT 47 42 42N LONG 096 19 47W)				
MAY				
2004				
21...	<.05	<.05	-71.10	-9.90
474119096190901 G06 149N44W29DCCB				
0000620666 (LAT 47 41 19N LONG 096 19 09W)				
JUL 2004				
22...	<.05	<.05	-68.30	-9.44
22...	<.05	<.05	-68.00	-9.41
474300096172602 G07D 149N44W16DDCD				
0000620667 (LAT 47 43 00N LONG 096 17 25W)				
MAY				
2004				
20...	<.05	<.05	-87.80	-11.87
474300096172601 G07S 149N44W16DDCD				
0000620657 (LAT 47 43 00N LONG 096 17 25W)				
MAY				
2004				
20...	<.05	<.05	-93.60	-12.90
474346096185501 G08-R 149N44W17ABAD				
0000620668 (LAT 47 43 45N LONG 096 18 54W)				
MAY				
20...	<.05	<.05	-77.70	-10.67
474129096145202 G09 149N44W26DDCA				
0000620669 (LAT 47 41 29N LONG 096 14 52W)				
MAY				
19...	<.05	<.05	-88.10	-12.22
474109096133501 G10 149N44W36AABD				
0000620670 (LAT 47 40 50N LONG 096 13 53W)				
MAY				
2004				
21...	<.05	<.05	-132	-17.77

GLACIAL RIDGE GROUND-WATER WATER QUALITY—Continued

MISCELLANEOUS STATION ANALYSES—CONTINUED

Date	Time	Sample type	Depth to water level, feet below LSD (72019)	Turbidity, water, unfltrd field, NTU (61028)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	pH, water, unfltrd lab, std units (00403)	Specif. conductance, wat unf lab, uS/cm 25 degC (90095)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)
		474254096160401 G11 149N44W22AAAC 0000620671 (LAT 47 42 54N LONG 096 16 03W)										
MAY 2004 18...	0900	Environmental	4.05	2,450	741	9.2	87	7.3	E7.7	637	698	12.5
		474126096165301 G12-R 149N44W27CDBB 0000620672 (LAT 47 41 25N LONG 096 16 52W)										
JUN 2004 07...	1500	Environmental	5.96	43	718	.2	2	6.8	6.8	819	833	27.8
		474128096175501 G13 149N44W28CADD 0000620673 (LAT 47 41 28N LONG 096 17 55W)										
JUN 2004 08...	0900	Environmental	7.07	3,020	730	9.5	88	7.4	7.3	759	759	12.5
		473842096183901 G14 148N44W07DCCD 0000620674 (LAT 47 38 41N LONG 096 18 39W)										
JUN 2004 08...	1045	Environmental	3.64	300	735	.3	3	7.3	7.6	606	612	18.5
		473841096153101 G15-R 148N44W10CCCC 0000620675 (LAT 47 38 40N LONG 096 15 30W)										
OCT 2003 22...	1350	Environmental	4.24	--	--	.3	2	7.5	--	--	663	--
APR 2004 22...	1430	Environmental	3.33	--	741	.1	.0	7.9	--	--	670	--
JUN 22...	0900	Environmental	2.99	23	731	1.8	16	7.3	7.7	623	673	11.0
		474221096120901 G16 149N43W19DADD 0000620676 (LAT 47 42 21N LONG 096 12 08W)										
OCT 2003 22...	1115	Environmental	4.82	--	--	3.5	33	7.5	--	--	416	--
APR 2004 21...	1330	Environmental	3.22	--	731	3.4	28	7.6	--	--	399	--
JUN 22...	1115	Environmental	3.68	120	726	3.5	32	7.4	7.7	383	406	15.0
		474350096144101 G17 149N41W14AAAA 0000620677 (LAT 47 43 50N LONG 096 14 41W)										
JUN 2004 21...	1430	Environmental	5.44	48	726	2.1	19	6.9	7.5	802	872	23.0
		474534096182701 G18 149N44W04BBBA 0000620678 (LAT 47 45 34N LONG 096 18 27W)										
JUN 2004 21...	1730	Environmental	7.74	62	731	2.1	19	6.8	7.4	902	976	21.0
		474524096203101 G19 149N44W06BDAA 0000620679 (LAT 47 45 23N LONG 096 20 30W)										
JUN 2004 22...	1600	Environmental	23.22	47	732	8.7	79	7.6	7.7	390	409	17.5
22...	1605	Replicate	--	80	732	8.7	78	7.7	7.8	378	407	16.5
		474310096121801 G20S-R 149N43W18DDBA 0000620680 (LAT 47 43 08N LONG 096 12 20W)										
JUN 2004 24...	1130	Environmental	8.45	1.7	736	8.0	76	7.3	7.3	666	677	17.0
		474420096104901 G21 149N43W09BCCB 0000620681 (LAT 47 44 20N LONG 096 10 51W)										
JUN 2004 22...	1400	Environmental	6.73	250	730	7.4	68	7.4	E7.5	541	568	16.5
		474125096120602 G22S-R 149N43W29CCBB 0000620682 (LAT 47 41 25N LONG 096 12 05W)										
OCT 2003 22...	1205	Environmental	22.44	--	--	6.2	59	7.1	--	--	1,230	--
APR 2004 21...	1715	Environmental	23.52	--	731	6.3	57	7.4	--	--	1,470	--
JUL 21...	1500	Environmental	22.42	3,020	722	6.4	66	7.5	7.3	1,550	1,580	28.5

GLACIAL RIDGE GROUND-WATER WATER QUALITY—Continued

MISCELLANEOUS STATION ANALYSES—CONTINUED

Date	Temperature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf fixed end pt, lab, mg/L as CaCO3 (90410)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Carbonate, wat flt incrm. titr., field, mg/L (00452)	Chloride, water, fltrd, mg/L (00940)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)
474254096160401 G11 149N44W22AAAC 0000620671 (LAT 47 42 54N LONG 096 16 03W)													
MAY 2004 18...	11.2	93.5	35.0	7.73	--	312	381	.0	12.2	6.4	52.0	<.04	3.30
474126096165301 G12-R 149N44W27CDBB 0000620672 (LAT 47 41 25N LONG 096 16 52W)													
JUN 2004 07...	9.0	105	47.0	9.72	464	471	575	.0	14.2	19.4	2.8	E.02	.33
474128096175501 G13 149N44W28CADD 0000620673 (LAT 47 41 28N LONG 096 17 55W)													
JUN 2004 08...	10.1	102	45.0	2.94	--	464	566	.0	1.19	16.1	4.2	<.04	.14
473842096183901 G14 148N44W07DCCD 0000620674 (LAT 47 38 41N LONG 096 18 39W)													
JUN 2004 08...	9.4	81.8	22.1	16.4	--	271	331	.0	10.2	11.8	36.0	<.04	1.99
473841096153101 G15-R 148N44W10CCCC 0000620675 (LAT 47 38 40N LONG 096 15 30W)													
OCT 2003 22...	12.5	--	--	--	--	207	252	.0	--	--	--	<.04	13.3
APR 2004 22...	4.7	--	--	--	--	209	255	.0	--	--	--	<.04	11.8
JUN 22...	8.2	91.2	27.4	8.31	--	207	252	.0	26.4	14.0	45.6	<.04	15.3
474221096120901 G16 149N43W19DADD 0000620676 (LAT 47 42 21N LONG 096 12 08W)													
OCT 2003 22...	11.1	--	--	--	--	211	257	.0	--	--	--	<.04	1.21
APR 2004 21...	4.8	--	--	--	--	192	234	.0	--	--	--	<.04	1.01
JUN 22...	9.6	63.0	17.7	1.54	170	--	--	.0	1.37	15.1	9.9	<.04	.96
474350096144101 G17 149N41W14AAAA 0000620677 (LAT 47 43 50N LONG 096 14 41W)													
JUN 2004 21...	9.7	128	36.7	4.08	--	272	332	.0	38.1	15.2	102	<.04	10.6
474534096182701 G18 149N44W04BBBA 0000620678 (LAT 47 45 34N LONG 096 18 27W)													
JUN 2004 21...	8.2	126	33.6	34.8	--	399	487	.0	69.8	20.4	18.8	.56	2.56
474524096203101 G19 149N44W06BDAA 0000620679 (LAT 47 45 23N LONG 096 20 30W)													
JUN 2004 22...	8.9	51.6	17.3	2.68	124	135	164	.0	7.32	9.5	9.0	<.04	13.8
22...	8.7	53.0	17.7	2.73	142	141	172	--	7.56	9.6	7.5	--	--
474310096121801 G20S-R 149N43W18DDBA 0000620680 (LAT 47 43 08N LONG 096 12 20W)													
JUN 2004 24...	11.1	90.6	28.5	12.1	245	289	352	.0	9.35	14.8	55.9	<.04	6.31
474420096104901 G21 149N43W09BCCB 0000620681 (LAT 47 44 20N LONG 096 10 51W)													
JUN 2004 22...	9.5	84.2	23.4	1.85	--	218	266	.0	16.9	18.3	11.4	<.04	11.4
474125096120602 G22S-R 149N43W29CCBB 0000620682 (LAT 47 41 25N LONG 096 12 05W)													
OCT 2003 22...	11.5	--	--	--	--	264	322	.0	--	--	--	<.04	80.6
APR 2004 21...	8.9	--	--	--	--	263	320	.0	--	--	--	<.04	110
JUL 21...	13.7	221	57.5	5.57	--	274	334	.0	16.3	20.0	37.9	<.04	133

GLACIAL RIDGE GROUND-WATER WATER QUALITY—Continued

MISCELLANEOUS STATION ANALYSES—CONTINUED

Date	Nitrite water, fltrd, mg/L as N (00613)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, fltrd, mg/L (00666)	Total nitro-gen, wat flt by anal ysis, mg/L (62854)	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)	2-[(2-Ethyl-6methyl phenyl) amino]2 oxoESA ug/L (62850)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	Aceto-chlor ESA, water, fltrd 0.7u GF ug/L (61029)	Aceto-chlor OA, water, fltrd 0.7u GF ug/L (61030)	Aceto-chlor SAA, water, fltrd, ug/L (62847)	Aceto-chlor, water, fltrd, ug/L (49260)
474254096160401 G11 149N44W22AAAC 0000620671 (LAT 47 42 54N LONG 096 16 03W)													
MAY 2004 18...	<.008	E.003	.005	3.73	<6	7.8	<.02	.11	<.05	<.02	<.02	<.02	<.02
474126096165301 G12-R 149N44W27CDBB 0000620672 (LAT 47 41 25N LONG 096 16 52W)													
JUN 2004 07...	E.004	E.004	E.003	.68	239	194	<.02	<.05	<.05	<.02	<.02	<.02	<.02
474128096175501 G13 149N44W28CADD 0000620673 (LAT 47 41 28N LONG 096 17 55W)													
JUN 2004 08...	<.008	<.006	E.003	.34	<6	1.3	<.02	<.05	<.05	<.02	<.02	<.02	<.02
473842096183901 G14 148N44W07DCCD 0000620674 (LAT 47 38 41N LONG 096 18 39W)													
JUN 2004 08...	.018	<.006	<.004	2.42	<6	290	<.02	.14	<.05	<.02	<.02	<.02	<.02
473841096153101 G15-R 148N44W10CCCC 0000620675 (LAT 47 38 40N LONG 096 15 30W)													
OCT 2003 22...	.505	.006	.012	12.3	--	--	--	--	--	--	--	--	--
APR 2004 22...	.571	.007	.011	12.8	--	--	--	--	--	--	--	--	--
JUN 22...	.214	.008	.012	15.4	<6	275	<.02	<.05	<.05	<.02	<.02	<.02	<.02
474221096120901 G16 149N43W19DADD 0000620676 (LAT 47 42 21N LONG 096 12 08W)													
OCT 2003 22...	.036	<.006	E.003	1.36	--	--	--	--	--	--	--	--	--
APR 2004 21...	.012	<.006	<.004	1.12	--	--	--	--	--	--	--	--	--
JUN 22...	.010	E.003	E.002	1.01	<6	46.0	<.02	<.05	<.05	<.02	<.02	<.02	<.02
474350096144101 G17 149N41W14AAAA 0000620677 (LAT 47 43 50N LONG 096 14 41W)													
JUN 2004 21...	.024	<.006	<.004	10.4	9	726	<.02	.08	<.05	<.02	<.02	<.02	<.02
474534096182701 G18 149N44W04BBBA 0000620678 (LAT 47 45 34N LONG 096 18 27W)													
JUN 2004 21...	.015	.014	.024	3.23	2,910	985	<.02	<.05	<.05	<.02	<.02	<.02	<.02
474524096203101 G19 149N44W06BDAA 0000620679 (LAT 47 45 23N LONG 096 20 30W)													
JUN 2004 22...	<.008	.035	.044	13.7	E6	<.8	<.02	.20	.12	<.02	<.02	<.02	<.02
22...	--	--	--	--	<6	<.8	<.02	.16	.10	<.02	<.02	<.02	<.02
474310096121801 G20S-R 149N43W18DDBA 0000620680 (LAT 47 43 08N LONG 096 12 20W)													
JUN 2004 24...	.008	.034	.041	6.87	<6	48.4	<.02	<.05	<.05	<.02	<.02	<.02	<.02
474420096104901 G21 149N43W09BCCB 0000620681 (LAT 47 44 20N LONG 096 10 51W)													
JUN 2004 22...	<.008	<.006	.004	11.1	E3	.9	<.02	<.05	<.05	<.02	<.02	<.02	<.02
474125096120602 G22S-R 149N43W29CCBB 0000620682 (LAT 47 41 25N LONG 096 12 05W)													
OCT 2003 22...	.024	E.003	.004	78.1	--	--	--	--	--	--	--	--	--
APR 2004 21...	<.008	<.006	E.002	105	--	--	--	--	--	--	--	--	--
JUL 21...	E.007	<.006	E.004	133	<6	137	39.0	<.05	.24	11.0	14.0	<.02	<.02

GLACIAL RIDGE GROUND-WATER WATER QUALITY—Continued

MISCELLANEOUS STATION ANALYSES—CONTINUED

Date	Alachlor ESA SA, water, fltrd, ug/L (62849)	Alachlor ESA, water, fltrd 0.7u GF ug/L (50009)	Alachlor OA, water, fltrd 0.7u GF ug/L (61031)	Alachlor SAA, water, fltrd, ug/L (62848)	Alachlor, water, fltrd, ug/L (46342)	Ametryn water, fltrd, ug/L (38401)	Atrazine, water, fltrd, ug/L (39632)	Cyanazine amide, water, fltrd, ug/L (61709)	Cyanazine, water, fltrd, ug/L (04041)	Dimethenamid ESA, water, fltrd, ug/L (61951)	Dimethenamid OA, water, fltrd, ug/L (62482)	Dimethenamid water, fltrd, ug/L (61588)	Flufenacet ESA, water, fltrd, ug/L (61952)
474254096160401 G11 149N44W22AAAC 0000620671 (LAT 47 42 54N LONG 096 16 03W)													
MAY 2004 18...	<.02	.08	<.02	<.02	<.02	<.05	.07	<.05	<.05	<.02	<.02	<.02	<.02
474126096165301 G12-R 149N44W27CDBB 0000620672 (LAT 47 41 25N LONG 096 16 52W)													
JUN 2004 07...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
474128096175501 G13 149N44W28CADD 0000620673 (LAT 47 41 28N LONG 096 17 55W)													
JUN 2004 08...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
473842096183901 G14 148N44W07DCCD 0000620674 (LAT 47 38 41N LONG 096 18 39W)													
JUN 2004 08...	<.02	<.02	<.02	<.02	<.02	<.05	.08	<.05	<.05	<.02	<.02	<.02	<.02
473841096153101 G15-R 148N44W10CCCC 0000620675 (LAT 47 38 40N LONG 096 15 30W)													
JUN 22...	.03	.91	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
474221096120901 G16 149N43W19DADD 0000620676 (LAT 47 42 21N LONG 096 12 08W)													
JUN 22...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
474350096144101 G17 149N41W14AAAA 0000620677 (LAT 47 43 50N LONG 096 14 41W)													
JUN 2004 21...	<.02	.84	.03	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
474534096182701 G18 149N44W04BBBA 0000620678 (LAT 47 45 34N LONG 096 18 27W)													
JUN 2004 21...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
474524096203101 G19 149N44W06BDAA 0000620679 (LAT 47 45 23N LONG 096 20 30W)													
JUN 2004 22...	<.02	.04	<.02	<.02	<.02	<.05	.16	<.05	<.05	<.02	<.02	<.02	<.02
22...	<.02	.04	<.02	<.02	<.02	<.05	.14	<.05	<.05	<.02	<.02	<.02	<.02
474310096121801 G20S-R 149N43W18DDBA 0000620680 (LAT 47 43 08N LONG 096 12 20W)													
JUN 2004 24...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
474420096104901 G21 149N43W09BCCB 0000620681 (LAT 47 44 20N LONG 096 10 51W)													
JUN 2004 22...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
474125096120602 G22S-R 149N43W29CCBB 0000620682 (LAT 47 41 25N LONG 096 12 05W)													
JUL 21...	.17	.96	.13	.15	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02

GLACIAL RIDGE GROUND-WATER WATER QUALITY—Continued

MISCELLANEOUS STATION ANALYSES—CONTINUED

Date	Flufenacet OA, water, fltrd, ug/L (62483)	Flufenacet, water, fltrd, ug/L (62481)	Metolachlor ESA, water, fltrd 0.7u GF ug/L (61043)	Metolachlor OA, water, fltrd 0.7u GF ug/L (61044)	Metolachlor, water, fltrd, ug/L (39415)	Metribuzin, water, fltrd, ug/L (82630)	Pendimethalin, water, fltrd 0.7u GF ug/L (82683)	Prometon, water, fltrd, ug/L (04037)	Prometryn, water, fltrd, ug/L (04036)	Propachlor ESA, water, fltrd 0.7u GF ug/L (62766)	Propachlor OA, water, fltrd 0.7u GF ug/L (62767)	Propachlor, water, fltrd, ug/L (04024)	Propazine, water, fltrd, ug/L (38535)
		474254096160401 G11 149N44W22AAAC 0000620671 (LAT 47 42 54N LONG 096 16 03W)											
MAY 2004 18...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
		474126096165301 G12-R 149N44W27CDBB 0000620672 (LAT 47 41 25N LONG 096 16 52W)											
JUN 2004 07...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
		474128096175501 G13 149N44W28CADD 0000620673 (LAT 47 41 28N LONG 096 17 55W)											
JUN 2004 08...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
		473842096183901 G14 148N44W07DCCD 0000620674 (LAT 47 38 41N LONG 096 18 39W)											
JUN 2004 08...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
		473841096153101 G15-R 148N44W10CCCC 0000620675 (LAT 47 38 40N LONG 096 15 30W)											
JUN 22...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
		474221096120901 G16 149N43W19DADD 0000620676 (LAT 47 42 21N LONG 096 12 08W)											
JUN 22...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
		474350096144101 G17 149N41W14AAAA 0000620677 (LAT 47 43 50N LONG 096 14 41W)											
JUN 2004 21...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
		474534096182701 G18 149N44W04BBBA 0000620678 (LAT 47 45 34N LONG 096 18 27W)											
JUN 2004 21...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
		474524096203101 G19 149N44W06BDAA 0000620679 (LAT 47 45 23N LONG 096 20 30W)											
JUN 2004 22...	<.02	<.02	.04	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
22...	<.02	<.02	.03	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
		474310096121801 G20S-R 149N43W18DDBA 0000620680 (LAT 47 43 08N LONG 096 12 20W)											
JUN 2004 24...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
		474420096104901 G21 149N43W09BCCB 0000620681 (LAT 47 44 20N LONG 096 10 51W)											
JUN 2004 22...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
		474125096120602 G22S-R 149N43W29CCBB 0000620682 (LAT 47 41 25N LONG 096 12 05W)											
JUL 21...	<.02	<.02	13.0	3.70	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05

GLACIAL RIDGE GROUND-WATER WATER QUALITY—Continued

MISCELLANEOUS STATION ANALYSES—CONTINUED

Date	Time	Sample type	Depth to water level, feet below LSD (72019)	Turbidity, water, unfltrd field, NTU (61028)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	pH, water, unfltrd lab, std units (00403)	Specif. conductance, wat unf lab, uS/cm 25 degC (90095)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)
474721096232201 G23 150N45W26BBAA 0000620683 (LAT 47 47 20N LONG 096 23 22W)												
JUN 2004 23...	1400	Environmental	9.49	3.9	732	7.0	63	7.4	7.5	440	441	14.5
474220096171801 G24 149N44W21DDAA 0000620684 (LAT 47 42 19N LONG 096 17 17W)												
JUN 2004 23...	1600	Environmental	6.07	12	732	2.4	22	6.8	7.2	676	677	13.0
473933096243701 G25-R 148N45W05DDDD 0000620685 (LAT 47 39 33N LONG 096 24 37W)												
JUN 2004 23...	1745	Environmental	11.35	3.1	735	<.1	--	7.4	7.5	516	523	15.5
474133096245901 G26 149N45W27BBDD 0000620686 (LAT 47 41 32N LONG 096 24 58W)												
JUN 2004 24...	0915	Environmental	8.70	8.2	741	9.8	86	7.5	7.5	612	630	9.5
473901096164901 G27 148N44W08DAAD 0000620687 (LAT 47 39 01N LONG 096 16 49W)												
JUN 2004 24...	1500	Environmental	5.31	.1	736	5.1	48	7.1	7.1	722	726	16.0
24...	1700	Blank	--	--	--	--	--	--	E7.0	<3	--	--
473855096141301 G30 148N44W11CBCB 0000620690 (LAT 47 38 55N LONG 096 14 13W)												
JUN 2004 25...	0900	Environmental	6.22	40	736	9.9	92	7.4	7.5	654	660	10.5
474300096204901 G32 149N44W18CCDD 0000620692 (LAT 47 42 59N LONG 096 20 43W)												
JUL 2004 21...	1245	Environmental	6.99	3,020	724	10.6	106	7.8	7.6	432	444	28.5
474201096132501 G33 149N44W25AAAD 0000620693 (LAT 47 42 07N LONG 096 13 24W)												
JUL 2004 15...	0930	Environmental	16.35	3.9	728	9.3	87	7.6	7.7	452	479	20.5
474443096171801 G34 149N44W09AAAA 0000620694 (LAT 47 44 43N LONG 096 17 18W)												
JUL 2004 12...	1430	Environmental	4.01	220	729	.4	5	6.7	E7.3	671	724	28.5
474043096155901 G35 149N44W34DAAD 0000620695 (LAT 47 40 43N LONG 096 15 58W)												
JUL 2004 19...	1545	Environmental	10.89	330	726	4.3	41	7.5	7.7	517	521	29.8
474135096204501 G36 149N44W30CABC 0000620696 (LAT 47 41 34N LONG 096 20 45W)												
JUL 2004 15...	1700	Environmental	4.29	3.6	730	3.4	33	7.3	7.3	821	850	24.5
474444096183101 G38 149N44W09BBBB 0000620698 (LAT 47 44 43N LONG 096 18 31W)												
JUL 2004 15...	1400	Environmental	3.51	19	730	7.2	78	7.4	7.5	665	705	27.5
474708096261801 L043 150N45W29ADAA Gentilly (LAT 47 47 08N LONG 096 26 18W)												
OCT 2003 22...	0855	Environmental	16.19	--	--	7.1	64	7.6	--	--	490	--
APR 2004 21...	1015	Blank	--	--	--	--	--	--	--	--	--	--
21...	1100	Environmental	16.45	--	733	7.5	64	7.5	--	--	510	--
JUL 13...	1615	Environmental	14.98	39	730	9.2	87	6.3	7.5	506	770	24.5

GLACIAL RIDGE GROUND-WATER WATER QUALITY—Continued

MISCELLANEOUS STATION ANALYSES—CONTINUED

Date	Temperature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf fixed end pt, lab, mg/L as CaCO3 (90410)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Carbonate, wat flt incrm. titr., field, mg/L (00452)	Chloride, water, fltrd, mg/L (00940)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)
474721096232201 G23 150N45W26BBAA 0000620683 (LAT 47 47 20N LONG 096 23 22W)													
JUN 2004 23...	8.7	55.4	26.4	2.49	234	229	279	.0	1.63	13.4	8.4	<.04	2.87
474220096171801 G24 149N44W21DDAA 0000620684 (LAT 47 42 19N LONG 096 17 17W)													
JUN 2004 23...	9.6	92.9	33.6	15.2	--	329	402	.0	2.32	23.2	50.1	<.04	<.06
473933096243701 G25-R 148N45W05DDDD 0000620685 (LAT 47 39 33N LONG 096 24 37W)													
JUN 2004 23...	9.3	75.5	25.5	4.50	--	262	320	.0	5.36	16.3	28.9	E.02	.50
474133096245901 G26 149N45W27BBDD 0000620686 (LAT 47 41 32N LONG 096 24 58W)													
JUN 2004 24...	8.2	70.5	37.0	11.0	189	187	229	.0	8.11	13.9	154	<.04	1.20
473901096164901 G27 148N44W08DAAD 0000620687 (LAT 47 39 01N LONG 096 16 49W)													
JUN 2004 24...	11.4	85.9	22.3	35.6	279	275	336	.0	67.3	10.7	13.3	<.04	2.11
24...	--	.33	.105	.32	<2	--	--	--	<.20	<.2	<.2	<.04	<.06
473855096141301 G30 148N44W11CBCB 0000620690 (LAT 47 38 55N LONG 096 14 13W)													
JUN 2004 25...	10.4	102	29.9	2.02	222	344	420	.0	11.3	19.4	2.9	<.04	1.01
474300096204901 G32 149N44W18CCDD 0000620692 (LAT 47 42 59N LONG 096 20 43W)													
JUL 2004 21...	13.2	57.4	26.5	1.16	216	240	293	.0	.92	9.1	5.0	<.04	.09
474201096132501 G33 149N44W25AAAD 0000620693 (LAT 47 42 07N LONG 096 13 24W)													
JUL 2004 15...	10.5	69.7	18.8	2.25	200	228	278	.0	1.64	13.1	7.7	<.04	6.67
474443096171801 G34 149N44W09AAAA 0000620694 (LAT 47 44 43N LONG 096 17 18W)													
JUL 2004 12...	18.8	92.9	38.0	4.37	--	379	462	.0	4.81	20.9	23.1	<.04	.15
474043096155901 G35 149N44W34DAAD 0000620695 (LAT 47 40 43N LONG 096 15 58W)													
JUL 2004 19...	11.7	66.8	24.7	2.84	148	162	198	.0	1.29	13.7	18.5	<.04	22.2
474135096204501 G36 149N44W30CABC 0000620696 (LAT 47 41 34N LONG 096 20 45W)													
JUL 2004 15...	12.4	114	42.3	9.06	280	412	503	.0	27.1	16.6	26.1	<.04	1.19
474444096183101 G38 149N44W09BBBB 0000620698 (LAT 47 44 43N LONG 096 18 31W)													
JUL 2004 15...	16.7	77.7	36.4	22.5	293	315	384	.0	9.24	23.7	59.8	.13	.25
474708096261801 L043 150N45W29ADAA Gentilly (LAT 47 47 08N LONG 096 26 18W)													
OCT 2003 22...	8.7	--	--	--	--	258	314	.0	--	--	--	<.04	2.41
APR 2004 21...	--	--	--	--	--	--	--	--	--	--	--	<.04	<.06
21...	6.8	--	--	--	--	272	332	.0	--	--	--	<.04	1.87
JUL 13...	10.4	60.1	22.8	17.4	--	264	323	.0	2.75	10.2	14.9	<.04	2.66

GLACIAL RIDGE GROUND-WATER WATER QUALITY—Continued

MISCELLANEOUS STATION ANALYSES—CONTINUED

Date	Nitrite water, fltrd, mg/L as N (00613)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, fltrd, mg/L (00666)	Total nitro-gen, wat flt by anal ysis, mg/L (62854)	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)	2-[(2-Ethyl-6methyl phenyl) amino]2 oxoESA ug/L (62850)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	Aceto-chlor ESA, water, fltrd 0.7u GF ug/L (61029)	Aceto-chlor OA, water, fltrd 0.7u GF ug/L (61030)	Aceto-chlor SAA, water, fltrd, ug/L (62847)	Aceto-chlor, water, fltrd, ug/L (49260)
474721096232201 G23 150N45W26BBAA 0000620683 (LAT 47 47 20N LONG 096 23 22W)													
JUN 2004													
23...	<.008	.025	.028	2.95	<6	2.4	<.02	<.05	<.05	<.02	<.02	<.02	<.02
474220096171801 G24 149N44W21DDAA 0000620684 (LAT 47 42 19N LONG 096 17 17W)													
JUN 2004													
23...	<.008	E.003	.007	.64	9	68.3	<.02	<.05	<.05	<.02	<.02	<.02	<.02
473933096243701 G25-R 148N45W05DDDD 0000620685 (LAT 47 39 33N LONG 096 24 37W)													
JUN 2004													
23...	<.008	.008	.011	.69	6	173	<.02	<.05	<.05	<.02	<.02	<.02	<.02
474133096245901 G26 149N45W27BBDD 0000620686 (LAT 47 41 32N LONG 096 24 58W)													
JUN 2004													
24...	<.008	E.004	.006	1.50	<6	7.7	<.02	<.05	<.05	<.02	<.02	<.02	<.02
473901096164901 G27 148N44W08DAAD 0000620687 (LAT 47 39 01N LONG 096 16 49W)													
JUN 2004													
24...	<.008	<.006	E.002	2.38	<6	9.3	<.02	<.05	<.05	<.02	<.02	<.02	<.02
24...	<.008	<.006	<.004	<.03	E3	<.8	<.02	<.05	<.05	<.02	<.02	<.02	<.02
473855096141301 G30 148N44W11CBCB 0000620690 (LAT 47 38 55N LONG 096 14 13W)													
JUN 2004													
25...	<.008	<.006	<.004	1.38	<6	.9	<.02	<.05	<.05	<.02	<.02	<.02	<.02
474300096204901 G32 149N44W18CCDD 0000620692 (LAT 47 42 59N LONG 096 20 43W)													
JUL 2004													
21...	<.008	<.006	<.004	.34	<6	<.8	<.02	<.05	<.05	<.02	<.02	<.02	<.02
474201096132501 G33 149N44W25AAAD 0000620693 (LAT 47 42 07N LONG 096 13 24W)													
JUL 2004													
15...	<.008	E.003	.004	7.22	<6	<.8	<.02	.46	<.05	<.02	<.02	<.02	<.02
474443096171801 G34 149N44W09AAAA 0000620694 (LAT 47 44 43N LONG 096 17 18W)													
JUL 2004													
12...	<.008	<.006	E.002	.25	<6	168	<.02	<.05	.33	<.02	<.02	<.02	<.02
474043096155901 G35 149N44W34DAAD 0000620695 (LAT 47 40 43N LONG 096 15 58W)													
JUL 2004													
19...	.018	<.006	E.002	23.0	<6	22.8	<.02	<.05	<.05	<.02	<.02	<.02	<.02
474135096204501 G36 149N44W30CABC 0000620696 (LAT 47 41 34N LONG 096 20 45W)													
JUL 2004													
15...	<.008	<.006	<.004	1.39	<6	E.6	<.02	.08	.10	<.02	<.02	<.02	<.02
474444096183101 G38 149N44W09BBBB 0000620698 (LAT 47 44 43N LONG 096 18 31W)													
JUL 2004													
15...	<.008	<.006	.006	.54	<6	15.6	<.02	<.05	<.05	<.02	<.02	<.02	<.02
474708096261801 L043 150N45W29ADAA Gentilly (LAT 47 47 08N LONG 096 26 18W)													
OCT 2003													
22...	.017	E.004	E.003	2.53	--	--	--	--	--	--	--	--	--
APR 2004													
21...	<.008	<.006	<.004	<.03	--	--	--	--	--	--	--	--	--
21...	<.008	<.006	E.004	2.07	--	--	--	--	--	--	--	--	--
JUL													
13...	<.008	<.006	E.002	2.87	<6	E.4	<.02	<.05	<.05	<.02	<.02	<.02	<.02

GLACIAL RIDGE GROUND-WATER WATER QUALITY—Continued

MISCELLANEOUS STATION ANALYSES—CONTINUED

Date	Alachlor ESA SA, water, fltrd, ug/L (62849)	Alachlor ESA, water, fltrd 0.7u GF ug/L (50009)	Alachlor OA, water, fltrd 0.7u GF ug/L (61031)	Alachlor SAA, water, fltrd, ug/L (62848)	Alachlor, water, fltrd, ug/L (46342)	Ametryn water, fltrd, ug/L (38401)	Atrazine, water, fltrd, ug/L (39632)	Cyanazine amide, water, fltrd, ug/L (61709)	Cyanazine, water, fltrd, ug/L (04041)	Dimethenamid ESA, water, fltrd, ug/L (61951)	Dimethenamid OA, water, fltrd, ug/L (62482)	Dimethenamid water, fltrd, ug/L (61588)	Flufenacet ESA, water, fltrd, ug/L (61952)
474721096232201 G23 150N45W26BBAA 0000620683 (LAT 47 47 20N LONG 096 23 22W)													
JUN 2004 23...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
474220096171801 G24 149N44W21DDAA 0000620684 (LAT 47 42 19N LONG 096 17 17W)													
JUN 2004 23...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
473933096243701 G25-R 148N45W05DDDD 0000620685 (LAT 47 39 33N LONG 096 24 37W)													
JUN 2004 23...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
474133096245901 G26 149N45W27BBDD 0000620686 (LAT 47 41 32N LONG 096 24 58W)													
JUN 2004 24...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
473901096164901 G27 148N44W08DAAD 0000620687 (LAT 47 39 01N LONG 096 16 49W)													
JUN 2004 24...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
24...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
473855096141301 G30 148N44W11CBCB 0000620690 (LAT 47 38 55N LONG 096 14 13W)													
JUN 2004 25...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
474300096204901 G32 149N44W18CCDD 0000620692 (LAT 47 42 59N LONG 096 20 43W)													
JUL 2004 21...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
474201096132501 G33 149N44W25AAAD 0000620693 (LAT 47 42 07N LONG 096 13 24W)													
JUL 2004 15...	<.02	<.02	<.02	<.02	<.02	<.05	.06	<.05	<.05	<.02	<.02	<.02	<.02
474443096171801 G34 149N44W09AAAA 0000620694 (LAT 47 44 43N LONG 096 17 18W)													
JUL 2004 12...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
474043096155901 G35 149N44W34DAAD 0000620695 (LAT 47 40 43N LONG 096 15 58W)													
JUL 2004 19...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
474135096204501 G36 149N44W30CABC 0000620696 (LAT 47 41 34N LONG 096 20 45W)													
JUL 2004 15...	<.02	.03	<.02	<.02	<.02	<.05	.05	<.05	<.05	<.02	<.02	<.02	<.02
474444096183101 G38 149N44W09BBBB 0000620698 (LAT 47 44 43N LONG 096 18 31W)													
JUL 2004 15...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
474708096261801 L043 150N45W29ADAA Gentilly (LAT 47 47 08N LONG 096 26 18W)													
JUL 13...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02

GLACIAL RIDGE GROUND-WATER WATER QUALITY—Continued

MISCELLANEOUS STATION ANALYSES—CONTINUED

Date	Flufenacet OA, water, fltrd, ug/L (62483)	Flufenacet, water, fltrd, ug/L (62481)	Metolachlor ESA, water, fltrd 0.7u GF ug/L (61043)	Metolachlor OA, water, fltrd 0.7u GF ug/L (61044)	Metolachlor, water, fltrd, ug/L (39415)	Metribuzin, water, fltrd, ug/L (82630)	Pendimethalin, water, fltrd 0.7u GF ug/L (82683)	Prometon, water, fltrd, ug/L (04037)	Prometryn, water, fltrd, ug/L (04036)	Propachlor ESA, water, fltrd 0.7u GF ug/L (62766)	Propachlor OA, water, fltrd 0.7u GF ug/L (62767)	Propachlor, water, fltrd, ug/L (04024)	Propazine, water, fltrd, ug/L (38535)
474721096232201 G23 150N45W26BBAA 0000620683 (LAT 47 47 20N LONG 096 23 22W)													
JUN 2004 23...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
474220096171801 G24 149N44W21DDAA 0000620684 (LAT 47 42 19N LONG 096 17 17W)													
JUN 2004 23...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
473933096243701 G25-R 148N45W05DDDD 0000620685 (LAT 47 39 33N LONG 096 24 37W)													
JUN 2004 23...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
474133096245901 G26 149N45W27BBDD 0000620686 (LAT 47 41 32N LONG 096 24 58W)													
JUN 2004 24...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
473901096164901 G27 148N44W08DAAD 0000620687 (LAT 47 39 01N LONG 096 16 49W)													
JUN 2004 24...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
24...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
473855096141301 G30 148N44W11CBCB 0000620690 (LAT 47 38 55N LONG 096 14 13W)													
JUN 2004 25...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
474300096204901 G32 149N44W18CCDD 0000620692 (LAT 47 42 59N LONG 096 20 43W)													
JUL 2004 21...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
474201096132501 G33 149N44W25AAAD 0000620693 (LAT 47 42 07N LONG 096 13 24W)													
JUL 2004 15...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	.18	<.05	<.05	<.02	<.02	<.05
474443096171801 G34 149N44W09AAAA 0000620694 (LAT 47 44 43N LONG 096 17 18W)													
JUL 2004 12...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
474043096155901 G35 149N44W34DAAD 0000620695 (LAT 47 40 43N LONG 096 15 58W)													
JUL 2004 19...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
474135096204501 G36 149N44W30CABC 0000620696 (LAT 47 41 34N LONG 096 20 45W)													
JUL 2004 15...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
474444096183101 G38 149N44W09BBBB 0000620698 (LAT 47 44 43N LONG 096 18 31W)													
JUL 2004 15...	<.02	<.02	<.02	<.02	<.02	<.05	.10	<.05	<.05	<.05	<.02	<.02	<.05
474708096261801 L043 150N45W29ADAA Gentilly (LAT 47 47 08N LONG 096 26 18W)													
JUL 13...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05

GLACIAL RIDGE GROUND-WATER WATER QUALITY—Continued

MISCELLANEOUS STATION ANALYSES—CONTINUED

Date	Time	Sample type	Depth to water level, feet below LSD (72019)	Turbidity, water, unfltrd field, NTU (61028)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	pH, water, unfltrd lab, std units (00403)	Specif. conductance, wat unf lab, uS/cm 25 degC (90095)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)
474628096180101 L057 150N44W28CDDD E of SW6 (LAT 47 46 28N LONG 096 18 01W)												
JUL 2004 14...	0900	Environmental	6.72	2.1	739	6.5	61	7.6	7.7	368	313	21.5
474210096203101 L103 149N44W19CDDD Pembina Trail Lt000516278 (LAT 47 42 09N LONG 096 20 31W)												
JUL 2004 22...	0845	Environmental	-1.65	120	733	4.4	39	7.5	7.7	782	789	15.0
474536096134401 L109 150N44W36DDCC on Old Hwy 2 0000516273 (LAT 47 45 36N LONG 096 13 44W)												
JUL 2004 14...	1530	Environmental	--	11	735	.3	3	7.6	7.7	587	509	21.5

Date	Temperature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf fixed end pt, lab, mg/L as CaCO3 (90410)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Carbonate, wat flt incrm. titr., field, mg/L (00452)	Chloride, water, fltrd, mg/L (00940)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)
474628096180101 L057 150N44W28CDDD E of SW6 (LAT 47 46 28N LONG 096 18 01W)													
JUL 2004 14...	10.5	54.1	18.3	.74	187	186	227	.0	1.48	13.6	4.5	<.04	4.71
474210096203101 L103 149N44W19CDDD Pembina Trail Lt000516278 (LAT 47 42 09N LONG 096 20 31W)													
JUL 2004 22...	8.6	62.6	38.2	60.4	395	405	494	.0	5.13	26.4	43.2	2.12	<.06
474536096134401 L109 150N44W36DDCC on Old Hwy 2 0000516273 (LAT 47 45 36N LONG 096 13 44W)													
JUL 2004 14...	8.7	56.0	32.1	34.0	331	331	404	.0	4.41	22.6	3.5	1.33	<.06

Date	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Total nitrogen, wat flt by analysis, mg/L (62854)	Iron, water, fltrd, ug/L (01046)	Manganese, water, fltrd, ug/L (01056)	2-[(2-Ethyl-6methylphenyl) amino]2 oxoESA ug/L (62850)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	Acetochlor ESA, water, fltrd 0.7u GF ug/L (61029)	Acetochlor OA, water, fltrd 0.7u GF ug/L (61030)	Acetochlor SAA, water, fltrd, ug/L (62847)	Acetochlor, water, fltrd, ug/L (49260)
474628096180101 L057 150N44W28CDDD E of SW6 (LAT 47 46 28N LONG 096 18 01W)													
JUL 2004 14...	<.008	<.006	<.004	4.89	<6	E.7	<.02	<.05	<.05	<.02	<.02	<.02	<.02
474210096203101 L103 149N44W19CDDD Pembina Trail Lt000516278 (LAT 47 42 09N LONG 096 20 31W)													
JUL 2004 22...	<.008	.156	.168	2.47	425	54.5	<.02	<.05	<.05	<.02	<.02	<.02	<.02
474536096134401 L109 150N44W36DDCC on Old Hwy 2 0000516273 (LAT 47 45 36N LONG 096 13 44W)													
JUL 2004 14...	<.008	.050	.052	1.55	904	26.6	<.02	<.05	<.05	<.02	<.02	<.02	<.02

GLACIAL RIDGE GROUND-WATER WATER QUALITY—Continued

MISCELLANEOUS STATION ANALYSES—CONTINUED

Date	Alachlor ESA SA, water, fltrd, ug/L (62849)	Alachlor ESA, water, fltrd 0.7u GF ug/L (50009)	Alachlor OA, water, fltrd 0.7u GF ug/L (61031)	Alachlor SAA, water, fltrd, ug/L (62848)	Alachlor, water, fltrd, ug/L (46342)	Ametryn water, fltrd, ug/L (38401)	Atrazine, water, fltrd, ug/L (39632)	Cyanazine amide, water, fltrd, ug/L (61709)	Cyanazine, water, fltrd, ug/L (04041)	Dimethenamid ESA, water, fltrd, ug/L (61951)	Dimethenamid OA, water, fltrd, ug/L (62482)	Dimethenamid water, fltrd, ug/L (61588)	Flufenacet ESA, water, fltrd, ug/L (61952)
474628096180101 L057 150N44W28CDDD E of SW6 (LAT 47 46 28N LONG 096 18 01W)													
JUL 2004 14...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
474210096203101 L103 149N44W19CDDD Pembina Trail Lt000516278 (LAT 47 42 09N LONG 096 20 31W)													
JUL 2004 22...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02
474536096134401 L109 150N44W36DDCC on Old Hwy 2 0000516273 (LAT 47 45 36N LONG 096 13 44W)													
JUL 2004 14...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.02	<.02	<.02	<.02

Date	Flufenacet OA, water, fltrd, ug/L (62483)	Flufenacet, water, fltrd, ug/L (62481)	Metolachlor ESA, water, fltrd 0.7u GF ug/L (61043)	Metolachlor OA, water, fltrd 0.7u GF ug/L (61044)	Metolachlor, water, fltrd, ug/L (39415)	Metribuzin, water, fltrd, ug/L (82630)	Pendimethalin, water, fltrd 0.7u GF ug/L (82683)	Prometon, water, fltrd, ug/L (04037)	Prometryn, water, fltrd, ug/L (04036)	Propachlor ESA, water, fltrd 0.7u GF ug/L (62766)	Propachlor OA, water, fltrd 0.7u GF ug/L (62767)	Propachlor, water, fltrd, ug/L (04024)	Propazine, water, fltrd, ug/L (38535)
474628096180101 L057 150N44W28CDDD E of SW6 (LAT 47 46 28N LONG 096 18 01W)													
JUL 2004 14...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
474210096203101 L103 149N44W19CDDD Pembina Trail Lt000516278 (LAT 47 42 09N LONG 096 20 31W)													
JUL 2004 22...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05
474536096134401 L109 150N44W36DDCC on Old Hwy 2 0000516273 (LAT 47 45 36N LONG 096 13 44W)													
JUL 2004 14...	<.02	<.02	<.02	<.02	<.02	<.05	<.05	<.05	<.05	<.05	<.02	<.02	<.05

Date	Simazine, water, fltrd, ug/L (04035)	Terbutryn, water, fltrd, ug/L (38888)	Deuterium/Protium ratio, water, unfltrd per mil (82082)	O-18 / O-16 ratio, water, unfltrd per mil (82085)
474628096180101 L057 150N44W28CDDD E of SW6 (LAT 47 46 28N LONG 096 18 01W)				
JUL 2004 14...	<.05	<.05	-106	-14.37
474210096203101 L103 149N44W19CDDD Pembina Trail Lt000516278 (LAT 47 42 09N LONG 096 20 31W)				
JUL 2004 22...	<.05	<.05	-93.00	-12.17
474536096134401 L109 150N44W36DDCC on Old Hwy 2 0000516273 (LAT 47 45 36N LONG 096 13 44W)				
JUL 2004 14...	<.05	<.05	-85.70	-11.12