

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

## SOUTHEAST ALASKA

## 15049900 GOLD CREEK NEAR JUNEAU

Date	Time	Medium code	Sample type	STREAM WIDTH (FT) (00004)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAM-PLING METHOD, CODES (82398)	SAMPLER TYPE (84164)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	TURBID-ITY LAB HACH 2100AN (NTU) (99872)
NOV 16...	1230	9	9	24.2	32	20	--	149	7.9	2.0	3.5	8	.4
JAN 03...	0930	9	9	34.0	29	20	3044	156	7.2	1.0	1.0	<1	.9
MAR 07...	1430	9	9	16.1	9.4	10	3044	186	7.4	-5.0	.5	--	.4
MAY 06...	1345	9	9	21.0	21	10	3044	134	7.5	9.5	4.5	2	.6
JUL 17...	1150	9	9	44.5	170	10	3044	66	7.4	11.5	5.0	<1	.6
SEP 10...	1050	9	9	47.8	118	10	3044	79	8.5	10.5	6.5	2	2.1
SEP 30...	1030	9	7	39.0	107	10	3044	116	7.8	.5	4.5	E5	1.7

Date	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, (PER-CENT SATUR-ATION) (00301)	HARD-NESS TOTAL (MG/L) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	ANC WATER UNFLTRD FET FIELD (MG/L AS CACO3) (00410)	BICAR-BONATE DIS IT (MG/L AS HCO3) (00453)	ALKA-LINITY TOT IT FIELD (MG/L AS CACO3) (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)
NOV 16...	738	13.2	103	70	19.3	5.33	.96	33	40	33	33.8	1.38	<.1
JAN 03...	--	--	--	69	19.2	5.15	.92	34	40	33	33.1	.93	<.1
MAR 07...	750	--	--	87	23.1	7.15	1.34	36	42	34	46.6	.85	<.1
MAY 06...	755	--	--	61	17.2	4.29	1.01	30	37	30	27.4	.88	<.10
JUL 17...	747	12.6	101	29	8.60	1.70	.48	19	22	18	12.8	.62	.04
SEP 10...	750	11.6	96	39	11.4	2.49	.63	22	26	21	16.2	.53	.08
SEP 30...	752	12.3	96	55	15.3	3.95	.78	27	31	26	24.9	.39	<.10

Date	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	CADMIUM, DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)
NOV 16...	<.03	2.76	92	<.008	.40	--	<.02	<4	33.0	<.5	<8	<.8	<13
JAN 03...	<.03	2.82	90	<.008	E.51	--	<.02	<2	35.1	<.5	<8	<.8	<13
MAR 07...	<.03	2.92	104	<.008	.50	--	<.02	E1	37.4	<.5	<8	<.8	<13
MAY 06...	<.03	2.89	70	<.008	.75	<.04	<.02	<2	36.4	<.5	<8	<.8	<13
JUL 17...	<.01	1.50	37	<.008	.08	<.04	<.02	<2	20.3	<.5	<8	<.8	<13
SEP 10...	<.01	1.97	48	<.008	.16	--	<.02	<2	26.7	<.5	<8	<.8	<13
SEP 30...	<.03	2.36	70	<.008	.23	<.04	<.02	<2	31.4	<.5	<8	<.8	<8

Date	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)
NOV 16...	<6	<10	<.08	<4	<2.0	<.01	<50	<30	<4	<9	101	<8	<24
JAN 03...	<6	<10	<.08	<4	<2.0	<.01	<50	<30	<2	<9	103	<8	<24
MAR 07...	<6	<10	<.08	<4	<2.0	E.01	<50	<30	<2	<9	126	<8	<24
MAY 06...	<6	<10	<.08	<4	<2.0	<.01	<50	<30	<2	<9	83.9	<8	<24
JUL 17...	<6	<10	E.04	<4	<2.0	<.01	<50	<30	<2	<9	40.3	<8	<24
SEP 10...	<6	<10	.08	<4	<2.0	<.01	<50	<30	<2	<9	54.6	<8	<24
SEP 30...	E6	<10	.09	<4	<2.0	<.01	<50	<30	<2	<9	78.7	<8	<24

## ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

## SOUTHEAST ALASKA—Continued

## 15052900 MENDENHALL RIVER AT BROTHERHOOD BRIDGE AT AUKE BAY

Date	Time	Medium code	Sample type	STREAM WIDTH (FT) (00004)	GAGE HEIGHT (FEET) (00065)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAMPLING METHOD, CODES (82398)	SAMPLER TYPE (84164)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE AIR (DEG C) (00020)	TEMPERATURE WATER (DEG C) (00010)	TURBIDITY HACH 2100AN (NTU) (99872)
NOV 15...	0910	9	9	119	7.62	193	10	3044	2000	7.0	2.0	2.5	27
DEC 05...	1100	9	9	81.0	7.29	116	10	3044	2800	7.1	-3.0	.5	25
MAR 06...	1145	9	9	83.0	7.23	115	10	3044	740	7.0	-1.5	2.5	15
JUN 04...	1415	9	9	220	10.16	2450	10	3054	49	7.5	11.0	4.5	58
AUG 07...	1420	9	9	220	12.78	4060	10	3054	18	7.4	12.5	4.5	40

Date	BAROMETRIC PRES-SURE (MM HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATURATION) (00301)	CALCIUM TOTAL RECOVERABLE (MG/L AS CA) (00916)	MAGNESIUM, TOTAL RECOVERABLE (MG/L AS MG) (00927)	ANC WATER UNFLTRD FIELD (MG/L AS CACO3) (00410)	BICARBONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKALINITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	COPPER, TOTAL RECOVERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOVERABLE (UG/L AS FE) (01045)	LEAD, TOTAL RECOVERABLE (UG/L AS PB) (01051)
NOV 15...	733	11.1	85	21.8	32.5	36	44	36	.18	<.1	1.4	2650	M
DEC 05...	741	11.0	79	26.7	50.8	43	51	41	.21	<.2	1.3	2220	<1
MAR 06...	770	--	--	18.0	27.4	43	51	42	.24	<.1	1.3	2080	<1
JUN 04...	756	13.0	101	6.28	2.09	30	34	28	<.10	<.1	2.7	4390	M
AUG 07...	758	12.3	96	2.87	1.48	7	7	9	.12	E.1	3.8	3300	2

Date	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN) (01055)	SELENIUM, TOTAL RECOVERABLE (UG/L AS SE) (01147)	SILVER, TOTAL RECOVERABLE (UG/L AS AG) (01077)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN) (01092)
NOV 15...	69.7	<2	<.3	E20
DEC 05...	67.5	<2	<.3	E30
MAR 06...	66.1	<2	<.3	<20
JUN 04...	63.8	<2	<.3	<20
AUG 07...	60.7	<2	<.3	<20

## 15109029 UPPER PETERSON CREEK NEAR AUKE BAY

Date	Time	Medium code	Sample type	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAMPLING METHOD, CODES (82398)	STREAM WIDTH (FT) (00004)	BAROMETRIC PRES-SURE (MM HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)	TEMPERATURE WATER (DEG C) (00010)	SEDIMENT, SUSPENDED (MG/L) (80154)
NOV 2001 06...	1220	9	9	1.9	10	5.90	756	12.6	100	7.7	56	5.0	2.0
DEC 27...	1052	H	9	--	--	--	--	--	--	--	--	--	--
JAN 2002 02...	1030	F	9	--	--	--	760	6.2	--	--	--	--	--
MAR 12...	1150	9	9	.60	10	4.80	747	12.5	88	7.1	56	.5	1.0
MAY 17...	1150	H	9	--	--	--	--	--	--	--	--	--	--
JUL 02...	1450	9	9	--	--	--	763	12.2	100	7.2	49	7.0	--
02...	1455	F	9	--	--	--	763	8.6	--	--	--	--	--

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

## SOUTHEAST ALASKA—Continued

## 15109029 UPPER PETERSON CREEK NEAR AUKE BAY—Continued

Date	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	BED MAT. SIEVE DIAM. (80164)	BED MAT. SIEVE DIAM. (80165)	BED MAT. SIEVE DIAM. (80166)	BED MAT. SIEVE DIAM. (80167)	BED MAT. SIEVE DIAM. (80168)	BED MAT. SIEVE DIAM. (80169)	BED MAT. SIEVE DIAM. (80170)	BED MAT. SIEVE DIAM. (80171)	BED MAT. SIEVE DIAM. (80172)	BED MAT. SIEVE DIAM. (80173)	BED MAT. SIEVE DIAM. (80174)	SAMPLER TYPE (CODE) (84164)
NOV 06...	.01	--	--	--	--	--	--	--	--	--	--	--	--
DEC 27...	--	0	1	2	8	17	26	37	53	72	90	100	8010
JAN 02...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 12...	.0	--	--	--	--	--	--	--	--	--	--	--	8010
MAY 17...	--	--	0	2	6	11	16	23	36	55	82	100	8010
JUL 02...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 02...	--	--	--	--	--	--	--	--	--	--	--	--	--

## 15109031 PETERSON CREEK TRIBUTARY NUMBER 8 NEAR AUKE BAY

Date	Time	Medium code	Sample type	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAM-PLING METHOD, CODES (82398)	STREAM WIDTH (FT) (00004)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATURATION) (00301)	PH WATER FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
NOV 06...	1205	9	9	.60	10	4.10	756	12.2	92	7.6	37	3.0	6.0
DEC 27...	1056	H	9	--	--	--	--	--	--	--	--	--	--
JAN 02...	1000	F	9	--	--	--	760	1.4	--	--	--	--	--
MAR 12...	1215	9	9	.10	10	6.00	747	9.5	66	6.7	49	.0	27
MAY 17...	1155	H	9	--	--	--	--	--	--	--	--	--	--
JUL 02...	1420	9	9	--	--	--	763	12.2	105	7.1	34	9.0	--
JUL 02...	1425	F	9	--	--	--	763	8.4	--	--	--	--	--

Date	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	BED MAT. SIEVE DIAM. (80165)	BED MAT. SIEVE DIAM. (80166)	BED MAT. SIEVE DIAM. (80167)	BED MAT. SIEVE DIAM. (80168)	BED MAT. SIEVE DIAM. (80169)	BED MAT. SIEVE DIAM. (80170)	BED MAT. SIEVE DIAM. (80171)	BED MAT. SIEVE DIAM. (80172)	BED MAT. SIEVE DIAM. (80173)	BED MAT. SIEVE DIAM. (80174)	SAMPLER TYPE (CODE) (84164)
NOV 06...	.01	--	--	--	--	--	--	--	--	--	--	8010
DEC 27...	--	0	1	5	11	18	25	37	55	82	100	8010
JAN 02...	--	--	--	--	--	--	--	--	--	--	--	--
MAR 12...	.01	--	--	--	--	--	--	--	--	--	--	8010
MAY 17...	--	--	--	--	--	--	0	13	38	87	100	8010
JUL 02...	--	--	--	--	--	--	--	--	--	--	--	--
JUL 02...	--	--	--	--	--	--	--	--	--	--	--	--

## 15109033 PETERSON CREEK TRIBUTARY NUMBER 7 NEAR AUKE BAY

Date	Time	Medium code	Sample type	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAM-PLING METHOD, CODES (82398)	STREAM WIDTH (FT) (00004)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATURATION) (00301)	PH WATER FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
NOV 06...	1207	9	9	.07	10	1.10	756	11.4	87	7.2	47	4.0	3.0
JAN 02...	1100	F	9	--	--	--	760	5.5	--	--	--	--	--
MAR 12...	1242	9	9	.10	10	1.50	747	9.0	63	6.8	53	.0	27
JUL 02...	1345	9	9	--	--	--	763	11.7	99	7.4	44	8.0	--
JUL 02...	1350	F	9	--	--	--	763	8.4	--	--	--	--	--

## ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

## SOUTHEAST ALASKA—Continued

## 15109033 PETERSON CREEK TRIBUTARY NUMBER 7 NEAR AUKE BAY—Continued

Date	SEDI- MENT, DIS- CHARGE, SUS- PENDEDED (T/DAY) (80155)	SAMPLER TYPE (CODE) (84164)
NOV 06...	.0	8010
JAN 02...	--	--
MAR 12...	.01	8010
JUL 02...	--	--
02...	--	--

## 15109034 PETERSON CREEK BELOW TRIBUTARY 7 NR AUKE BAY AK

Date	Time	Medium code	Sample type	BED MAT. SIEVE DIAM. % FINER THAN (80165)	BED MAT. SIEVE DIAM. % FINER THAN (80166)	BED MAT. SIEVE DIAM. % FINER THAN (80167)	BED MAT. SIEVE DIAM. % FINER THAN (80168)	BED MAT. SIEVE DIAM. % FINER THAN (80169)	BED MAT. SIEVE DIAM. % FINER THAN (80170)	BED MAT. SIEVE DIAM. % FINER THAN (80171)	BED MAT. SIEVE DIAM. % FINER THAN (80172)	BED MAT. SIEVE DIAM. % FINER THAN (80173)	BED MAT. SIEVE DIAM. % FINER THAN (80174)
DEC 2001 27...	1103	H	9	0	1	4	10	20	32	47	66	89	100
MAY 2002 17...	1225	H	9	0	1	4	8	14	22	35	54	82	100

Date	SAMPLER TYPE (CODE) (84164)
DEC 2001 27...	8010
MAY 2002 17...	8010

## 15109035 PETERSON CREEK TRIBUTARY NUMBER 6 NEAR AUKE BAY

Date	Time	Medium code	Sample type	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAM- PLING METHOD, CODES (82398)	STREAM WIDTH (FT) (00004)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED CENT SATUR- ATION (00301)	PH WATER (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)	SEDI- MENT, SUS- PENDEDED (MG/L) (80154)
NOV 06...	1214	9	9	.50	10	3.10	756	11.8	95	7.5	21	6.0	9.0
JAN 02...	1130	F	9	--	--	--	760	5.6	--	--	--	--	--
MAR 12...	1305	9	9	.20	10	3.50	747	10.8	76	7.1	56	.5	2.0
JUL 02...	1330	9	9	--	--	--	763	11.8	98	7.2	43	7.5	--
02...	1335	F	9	--	--	--	763	8.8	--	--	--	--	--

Date	SEDI- MENT, DIS- CHARGE, SUS- PENDEDED (T/DAY) (80155)	SAMPLER TYPE (CODE) (84164)
NOV 06...	.01	8010
JAN 02...	--	--
MAR 12...	.0	8010
JUL 02...	--	--
02...	--	--

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

## SOUTHEAST ALASKA—Continued

## 15109036 PETERSON CREEK BELOW TRIBUTARY 6 NEAR AUKE BAY

Date	Time	Medium code	Sample type	BED	BED	BED	BED	BED	BED	BED	BED	BED	SAMPLER TYPE (CODE) (84164)	
				MAT. SIEVE DIAM.	MAT. SIEVE DIAM.	MAT. SIEVE DIAM.	MAT. SIEVE DIAM.	MAT. SIEVE DIAM.	MAT. SIEVE DIAM.	MAT. SIEVE DIAM.	MAT. SIEVE DIAM.	MAT. SIEVE DIAM.		MAT. SIEVE DIAM.
				% FINER THAN (80165)	% FINER THAN (80166)	% FINER THAN (80167)	% FINER THAN (80168)	% FINER THAN (80169)	% FINER THAN (80170)	% FINER THAN (80171)	% FINER THAN (80172)	% FINER THAN (80173)		
DEC 2001 27...	1111	H	9	0	2	12	26	36	48	69	95	100	8010	
MAY 2002 17...	1255	H	9	0	2	10	22	36	49	66	88	100	8010	

## 15109037 PETERSON CREEK TRIBUTARY NUMBER 5 NEAR AUKE BAY

Date	Time	Medium code	Sample type	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAM-PLING METHOD, CODES (82398)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, (PER-CENT SATUR-ATION) (00301)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
NOV 06...	1226	9	9	.02	10	756	9.6	72	6.9	15	3.0	16	.0
JAN 02...	1200	F	9	--	--	760	5.0	--	--	--	--	--	--
JUL 02...	1240	9	9	--	--	763	11.8	98	7.3	42	7.5	--	--
JUL 02...	1245	F	9	--	--	763	8.9	--	--	--	--	--	--
Date	SAMPLER TYPE (CODE) (84164)												
NOV 06...	8010												
JAN 02...	--												
JUL 02...	--												
JUL 02...	--												

## 15109038 PETERSON CREEK BELOW TRIBUTARY 5 NEAR AUKE BAY

Date	Time	Medium code	Sample type	BED	BED	BED	BED	BED	BED	BED	BED	BED	BED	SAMPLER TYPE (CODE) (84164)	
				MAT. SIEVE DIAM.	MAT. SIEVE DIAM.	MAT. SIEVE DIAM.	MAT. SIEVE DIAM.	MAT. SIEVE DIAM.	MAT. SIEVE DIAM.	MAT. SIEVE DIAM.	MAT. SIEVE DIAM.	MAT. SIEVE DIAM.	MAT. SIEVE DIAM.		
				% FINER THAN (80164)	% FINER THAN (80165)	% FINER THAN (80166)	% FINER THAN (80167)	% FINER THAN (80168)	% FINER THAN (80169)	% FINER THAN (80170)	% FINER THAN (80171)	% FINER THAN (80172)	% FINER THAN (80173)		
DEC 2001 27...	1115	H	9	0	1	3	9	14	22	32	45	64	89		
MAY 2002 17...	1320	H	9	--	0	1	4	7	15	25	42	68	95		
Date	Time	Medium code	Sample type	% FINER THAN (80174)										SAMPLER TYPE (CODE) (84164)	
DEC 2001 27...	100													8010	
MAY 2002 17...	100													8010	

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

## SOUTHEAST ALASKA—Continued

## 15109039 PETERSON CREEK TRIBUTARY NUMBER 4 NEAR AUKE BAY

Date	Time	Medium code	Sample type	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAMPLING METHOD, CODES (82398)	STREAM WIDTH (FT) (00004)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, (PER-CENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)	TEMPERATURE WATER (DEG C) (00010)	SEDIMENT, SUSPENDED (MG/L) (80154)
NOV 06...	1233	9	9	1.1	10	3.80	756	12.2	93	7.2	56	3.5	5.0
JAN 02...	1230	F	9	--	--	--	760	5.8	--	--	--	--	--
MAR 12...	1345	9	9	.30	10	2.90	747	11.2	78	7.0	59	.0	1.0
JUL 02...	1215	9	9	--	--	--	763	11.8	97	7.2	43	7.0	--
JUL 02...	1220	F	9	--	--	--	763	8.8	--	--	--	--	--

Date	Time	Medium code	Sample type	SEDIMENT, DIS-CHARGE, SUSPENDED (T/DAY) (80155)	SAMPLER TYPE (CODE) (84164)
NOV 06...	.01	8010			
JAN 02...	--	--			
MAR 12...	.0	8010			
JUL 02...	--	--			
JUL 02...	--	--			

## 15109040 PETERSON CREEK BELOW TRIBUTARY 4 NEAR AUKE BAY

Date	Time	Medium code	Sample type	BED MAT. SIEVE DIAM. % FINER THAN .125 MM (80165)	BED MAT. SIEVE DIAM. % FINER THAN .250 MM (80166)	BED MAT. SIEVE DIAM. % FINER THAN .500 MM (80167)	BED MAT. SIEVE DIAM. % FINER THAN 1.00 MM (80168)	BED MAT. SIEVE DIAM. % FINER THAN 2.00 MM (80169)	BED MAT. SIEVE DIAM. % FINER THAN 4.00 MM (80170)	BED MAT. SIEVE DIAM. % FINER THAN 8.00 MM (80171)	BED MAT. SIEVE DIAM. % FINER THAN 16.0 MM (80172)	BED MAT. SIEVE DIAM. % FINER THAN 32.0 MM (80173)	BED MAT. SIEVE DIAM. % FINER THAN 64.0 MM (80174)
DEC 2001 27...	1119	H	9	0	1	2	6	12	20	35	68	96	100
MAY 2002 17...	1345	H	9	0	1	5	12	22	34	51	84	100	--

Date	Time	Medium code	Sample type	SAMPLER TYPE (CODE) (84164)
DEC 2001 27...		8010		
MAY 2002 17...		8010		

## 15109041 PETERSON CREEK TRIBUTARY NUMBER 3 NEAR AUKE BAY

Date	Time	Medium code	Sample type	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAMPLING METHOD, CODES (82398)	STREAM WIDTH (FT) (00004)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, (PER-CENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPECIFIC CONDUCTANCE (US/CM) (00095)	TEMPERATURE WATER (DEG C) (00010)	SEDIMENT, SUSPENDED (MG/L) (80154)
NOV 06...	1240	9	9	1.2	10	4.60	756	12.0	95	7.5	60	5.0	3.0
JAN 02...	1300	F	9	--	--	--	760	.3	--	--	--	--	--
MAR 12...	1430	9	9	.40	10	3.90	747	10.7	75	7.2	60	.0	.0
JUL 02...	1120	9	9	--	--	--	763	11.6	97	7.8	47	7.5	--
JUL 02...	1125	F	9	--	--	--	763	8.5	--	--	--	--	--

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

## SOUTHEAST ALASKA—Continued

## 15109041 PETERSON CREEK TRIBUTARY NUMBER 3 NEAR AUKE BAY—Continued

Date	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SAMPLER TYPE (CODE) (84164)
NOV 06...	.01	8010
JAN 02...	--	--
MAR 12...	.0	8010
JUL 02...	--	--
02...	--	--

## 15109042 PETERSON CREEK BELOW TRIBUTARY 3 NEAR AUKE BAY

Date	Time	Medium code	Sample type	BED MAT. SIEVE DIAM. % FINER THAN (80164)	BED MAT. SIEVE DIAM. % FINER THAN (80165)	BED MAT. SIEVE DIAM. % FINER THAN (80166)	BED MAT. SIEVE DIAM. % FINER THAN (80167)	BED MAT. SIEVE DIAM. % FINER THAN (80168)	BED MAT. SIEVE DIAM. % FINER THAN (80169)	BED MAT. SIEVE DIAM. % FINER THAN (80170)	BED MAT. SIEVE DIAM. % FINER THAN (80171)	BED MAT. SIEVE DIAM. % FINER THAN (80172)	BED MAT. SIEVE DIAM. % FINER THAN (80173)
DEC 2001 27...	1140	H	9	0	1	6	15	22	35	53	75	95	100
MAY 2002 17...	1410	H	9	--	0	3	8	20	27	44	67	94	100

Date	SAMPLER TYPE (CODE) (84164)
DEC 2001 27...	8010
MAY 2002 17...	8010

## 15109043 PETERSON CREEK TRIBUTARY NUMBER 2 NEAR AUKE BAY

Date	Time	Medium code	Sample type	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAM- PLING METHOD, CODES (82398)	STREAM WIDTH (FT) (00004)	BARO- METRIC PRES- SURE OF (MM HG) (00025)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, SOLVED CENT SATUR- ATION (00301)	PH WATER (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)	SEDI- MENT, SUS- PENDED (MG/L) (80154)
NOV 06...	1245	9	9	.10	10	1.70	756	11.7	88	7.0	36	3.0	11
JAN 03...	0920	F	9	--	--	--	760	2.2	--	--	--	--	--
JUL 02...	1040	9	9	--	--	--	763	11.5	96	7.9	45	7.5	--
02...	1045	F	9	--	--	--	763	8.7	--	--	--	--	--

Date	SEDI- MENT, DIS- CHARGE, SUS- PENDED (T/DAY) (80155)	SAMPLER TYPE (CODE) (84164)
NOV 06...	.0	8010
JAN 03...	--	--
JUL 02...	--	--
02...	--	--

## ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

## SOUTHEAST ALASKA—Continued

## 15109044 PETERSON CREEK BELOW TRIBUTARY 2 NEAR AUKE BAY

Date	Time	Medium code	Sample type	BED MAT. SIEVE DIAM. % FINER THAN .125 MM (80165)	BED MAT. SIEVE DIAM. % FINER THAN .250 MM (80166)	BED MAT. SIEVE DIAM. % FINER THAN .500 MM (80167)	BED MAT. SIEVE DIAM. % FINER THAN 1.00 MM (80168)	BED MAT. SIEVE DIAM. % FINER THAN 2.00 MM (80169)	BED MAT. SIEVE DIAM. % FINER THAN 4.00 MM (80170)	BED MAT. SIEVE DIAM. % FINER THAN 8.00 MM (80171)	BED MAT. SIEVE DIAM. % FINER THAN 16.0 MM (80172)	BED MAT. SIEVE DIAM. % FINER THAN 32.0 MM (80173)	SAMPLER TYPE (CODE) (84164)
DEC 2001 27...	1148	H	9	0	1	6	13	29	50	74	96	100	8010
MAY 2002 17...	1440	H	9	0	1	9	22	41	57	76	94	100	8010

## 1510904480 NORTH FORK PETERSON CREEK BELOW BEAVER SLOUGH NEAR AUKE BAY

Date	Time	Medium code	Sample type	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAM-PLING METHOD, CODES (82398)	STREAM WIDTH (FT) (00004)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
JAN 17...	0930	H	9	--	--	--	--	--	--	--	--	--	--
MAY 31...	1200	H	9	--	--	--	--	--	--	--	--	--	--
JUL 02...	1547	9	9	--	8010	--	763	11.9	100	8.1	45	8.0	--

  

Date	Time	Medium code	Sample type	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	BED MAT. SIEVE DIAM. % FINER THAN .125 MM (80165)	BED MAT. SIEVE DIAM. % FINER THAN .250 MM (80166)	BED MAT. SIEVE DIAM. % FINER THAN .500 MM (80167)	BED MAT. SIEVE DIAM. % FINER THAN 1.00 MM (80168)	BED MAT. SIEVE DIAM. % FINER THAN 2.00 MM (80169)	BED MAT. SIEVE DIAM. % FINER THAN 4.00 MM (80170)	BED MAT. SIEVE DIAM. % FINER THAN 8.00 MM (80171)	BED MAT. SIEVE DIAM. % FINER THAN 16.0 MM (80172)	BED MAT. SIEVE DIAM. % FINER THAN 32.0 MM (80173)	BED MAT. SIEVE DIAM. % FINER THAN 64.0 MM (80174)	SAMPLER TYPE (CODE) (84164)
JAN 17...	--	3	6	9	11	15	22	35	53	87	100	8010			
MAY 31...	--	1	3	6	9	13	18	26	45	72	100	8010			
JUL 02...	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

## 15109045 NORTH FORK PETERSON CREEK NEAR AUKE BAY

Date	Time	Medium code	Sample type	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAM-PLING METHOD, CODES (82398)	STREAM WIDTH (FT) (00004)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATURATION) (00301)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE WATER (DEG C) (00010)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
NOV 06...	1345	9	9	1.9	10	8.10	756	12.2	91	7.2	43	3.0	7
DEC 27...	0945	H	9	--	--	--	--	--	--	--	--	--	--
DEC 27...	1000	F	9	--	--	--	755	4.8	--	--	--	--	--
MAR 12...	1515	9	9	.40	10	7.80	747	11.9	83	6.8	56	.0	14
MAY 31...	1145	H	9	3.2	--	9.00	--	--	--	--	--	5.5	--
JUL 02...	1555	9	9	--	--	--	763	11.5	99	7.2	37	9.0	--
JUL 02...	1600	F	9	--	--	--	763	7.4	--	--	--	--	--





## ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

## SOUTH-CENTRAL ALASKA

## 601105149385100 EXIT GLACIER CREEK TRIBUTARY AT MILE .6 HARDING TRAIL NEAR SEWARD

Date	Time	Medium code	Sample type	STREAM WIDTH (FT) (00004)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAMPLING METHOD, CODES (82398)	SAMPLER TYPE (84164)	PURPOSE SITE VISIT, (CODE) (50280)	SPECIFIC CONDUCTANCE (US/CM) (00095)	TEMPERATURE AIR (DEG C) (00020)	TEMPERATURE WATER (DEG C) (00010)	BAROMETRIC PRESURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	
OCT 02...	1340	9	9	11.5	3.0	70	8010	1006	112	7.0	4.5	746	12.5	
Date		OXYGEN, DIS-SOLVED (PER-CENT SATURATION) (00301)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E COLI, MTEC MF WATER (COL/100 ML) (31633)	ENTEROCOCCI, ME MF, WATER (COL/100 ML) (31649)	HARDNESS, TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNESIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTASSIUM, DIS-SOLVED (MG/L AS K) (00935)	SULFATE, DIS-SOLVED (MG/L AS SO4) (00945)	CHLORIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUORIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)
OCT 02...	99	<1	<1	5	54	20.0	.991	1.52	.19	7.9	.59	<.1	5.16	
Date		SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITROGEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, AMMONIA + ORGANIC DIS-SOLVED (MG/L AS P) (00623)	PHOSPHORUS, TOTAL (MG/L AS P) (00665)	PHOSPHORUS, DIS-SOLVED (MG/L AS P) (00666)	ORTHOPHOSPHATE, DIS-SOLVED (MG/L AS P) (00671)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGANESE, DIS-SOLVED (UG/L AS MN) (01056)		
OCT 02...	62	<.002	.068	<.015	<.10	<.10	<.004	.005	<.007	<10	<2.0			

## 601105149382400 EXIT GLACIER CREEK CHANNEL AT MILE .1 HARDING TRAIL NEAR SEWARD

Date	Time	Medium code	Sample type	STREAM WIDTH (FT) (00004)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAMPLING METHOD, CODES (82398)	SAMPLER TYPE (84164)	PURPOSE SITE VISIT, (CODE) (50280)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER FIELD (STANDARD ARD UNITS) (00400)	TEMPERATURE AIR (DEG C) (00020)	TEMPERATURE WATER (DEG C) (00010)	BAROMETRIC PRESURE (MM OF HG) (00025)
OCT 02...	1415	9	9	5.00	1.5	70	8010	1006	112	7.8	8.0	5.0	753
Date		OXYGEN, DIS-SOLVED (PER-CENT SATURATION) (00300)	COLIFORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	E COLI, MTEC MF WATER (COL/100 ML) (31633)	ENTEROCOCCI, ME MF, WATER (COL/100 ML) (31649)								
OCT 02...	12.4	98	1	<1	4								

## 15274796 SOUTH BRANCH OF SOUTH FORK CHESTER CREEK AT TANK TRAIL NEAR ANCHORAGE

Date	Time	Medium code	Sample type	STREAM WIDTH (FT) (00004)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAMPLING METHOD, CODES (82398)	SAMPLER TYPE (84164)	PURPOSE SITE VISIT, (CODE) (50280)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER FIELD (STANDARD ARD UNITS) (00400)	TEMPERATURE AIR (DEG C) (00010)	TEMPERATURE WATER (DEG C) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)
APR 19...	1210	9	9	6.00	1.3	50	8010	1004	129	7.7	1.0	752	--
MAY 13...	1500	9	9	9.00	3.6	--	--	--	116	7.5	6.5	752	12.0
JUN 01...	1140	9	9	4.60	7.3	8010	3045	--	94	7.3	5.0	753	12.4
JUL 10...	1220	9	7	7.50	E3.0	10	3045	--	123	7.7	7.0	755	11.9
10...	1230	H	9	7.50	--	8010	8010	--	123	7.7	7.0	755	11.9
25...	1500	9	9	7.50	3.7	70	--	--	123	7.6	8.0	751	11.6
AUG 16...	1426	9	9	7.30	3.3	70	--	--	123	7.2	7.5	760	12.0
30...	1536	9	9	7.40	3.4	8010	210	--	123	7.3	7.5	749	11.6
SEP 04...	1230	9	9	7.50	3.3	10	3045	--	123	7.4	7.0	760	11.6





## WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

## SOUTH-CENTRAL ALASKA—Continued

## 15283550 MOOSE CREEK ABOVE WISHBONE HILL NEAR SUTTON

Date	Time	Medium code	Sample type	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAMPLING METHOD, CODES (82398)	SAMPLER TYPE (84164)	PURPOSE SITE VISIT, (CODE) (50280)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD WATER (DEG C) (00400)	TEMPERATURE WATER (DEG C) (00010)	COLOR (PLATINUM-COBALT UNITS) (00080)	TURBIDITY LAB HACH 2100AN (NTU) (99872)	BAROMETRIC PRESSURE (MM OF HG) (00025)	
OCT 12...	1130	9	9	45	10	3045	1099	90	7.3	.3	<1	1.2	721	
Date		OXYGEN, DIS-SOLVED (PERCENT SATURATION) (MG/L AS BA) (00300)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNESIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	ANC WATER UNFLTRD FET FIELD (MG/L AS CACO3) (00410)	POTASSIUM, DIS-SOLVED (MG/L AS K) (00935)	BICARBONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKALINITY TOT IT FIELD (MG/L AS CACO3) (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLORIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUORIDE, DIS-SOLVED (MG/L AS F) (00950)	
OCT 12...	14.0	102	38	13.2	1.33	2.35	30	.38	36	28	9.4	2.23	<.1	
Date		SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS-SOLVED (MG/L AS N) (70301)	NITROGEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, AMMONIA + ORGANIC DIS. TOTAL (MG/L AS N) (00623)	PHOSPHORUS PHOS-DIS-SOLVED (MG/L AS P) (00665)	PHOSPHORUS DIS-SOLVED (MG/L AS P) (00666)	ORTHOPHOSPHATE, DIS-SOLVED (MG/L AS P) (00671)	ALUMINUM, TOTAL RECOVERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL (UG/L AS AS) (01002)
OCT 12...	5.43	54	53	<.002	.170	<.015	E.05	<.10	<.004	<.004	<.007	E20	E1	
Date		BARIUM, TOTAL RECOVERABLE (UG/L AS BA) (01007)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE) (01012)	CADMIUM, TOTAL RECOVERABLE (UG/L AS CD) (01027)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOVERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOVERABLE (UG/L AS FE) (01045)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, TOTAL RECOVERABLE (UG/L AS PB) (01051)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN) (01055)	MANGANESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY, TOTAL RECOVERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI) (01067)	SELENIUM, TOTAL RECOVERABLE (UG/L AS SE) (01147)
OCT 12...	27.8	<2	<.1	<.8	<1.0	E10	<10	<1	<2.4	<2.0	<.01	<2.0	<2	
Date		SILVER, TOTAL RECOVERABLE (UG/L AS AG) (01077)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN) (01092)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	NITROGEN, PAR TICULTE WAT FLT SUSP (MG/L AS N) (49570)	CYANIDE TOTAL (MG/L AS CN) (00720)	SEDIMENT, SUSPENDED (MG/L) (80154)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY) (80155)					
OCT 12...	<.3	<20	.5	.2	<.02	<.01	1.0	.12						

## ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

## SOUTH-CENTRAL ALASKA—Continued

## 15283700 MOOSE CREEK NEAR PALMER

Date	Time	Medium code	Sample type	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAM-PLING METHOD, CODES (82398)	SAMPLER TYPE (84164)	PURPOSE SITE VISIT, (CODE) (50280)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD WATER (DEG C) (00400)	TEMPER-ATURE (DEG C) (00010)	COLOR (PLAT-INUM-COBALT UNITS) (00080)	TURBID-ITY LAB HACH 2100AN (NTU) (99872)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	
OCT 12...	1330	9	9	62	10	3045	1099	105	7.7	.6	<1	.9	749	
Date		OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00300)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	ANC WATER UNFLTRD FET FIELD (MG/L AS CACO3) (00410)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	ALKA-LINITY TOT IT FIELD (MG/L AS CACO3) (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	
OCT 12...	14.1	100	45	14.5	2.02	3.96	40	.44	51	39	8.4	1.98	<.1	
Date		SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L AS N) (70301)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AM-MONIA + ORGANIC DIS. TOTAL (MG/L AS N) (00623)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, TOTAL RECOV-ERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL (UG/L AS AS) (01002)
OCT 12...	5.80	64	63	<.002	.201	<.015	E.07	<.10	<.004	<.004	<.007	E30	E1	
Date		BARIUM, TOTAL RECOV-ERABLE (UG/L AS BA) (01007)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE) (01012)	CADMIUM WATER UNFLTRD TOTAL (UG/L AS CD) (01027)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE) (01045)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB) (01051)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN) (01055)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI) (01067)	SELE-NIUM, TOTAL (UG/L AS SE) (01147)
OCT 12...	25.7	<2	<.1	<.8	E1.0	50	18	<1	E1.9	E1.2	<.01	<2.0	<2	
Date		SILVER, TOTAL RECOV-ERABLE (UG/L AS AG) (01077)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN) (01092)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	NITRO-GEN, PAR TICULTE WAT FLT SUSP (MG/L AS N) (49570)	CYANIDE TOTAL (MG/L AS CN) (00720)	SEDI-MENT, SUS-PENDEDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDEDED (T/DAY) (80155)					
OCT 12...	<.3	E20	.9	.2	<.02	<.01	1.0	.17						

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

YUKON ALASKA

15389000 PORCUPINE RIVER NEAR FORT YUKON

Date	Time	SAMPLE LOC-ATION, CROSS SECTION (FT FM L BANK) (00009)	SAMPLE LOC-ATION, CROSS SECTION (FT FM R BK) (72103)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, (PER-CENT SATUR-ATION) (00301)
MAR									
11...	1705	--	280.0	405	7.2	.0	755	6.0	41
11...	1720	--	220.0	382	7.4	.0	755	6.1	42
11...	1728	--	160.0	377	7.4	.0	755	6.2	43
JUN									
06...	1627	1010	--	140	7.8	13.6	760	8.8	85
06...	1628	890	--	142	7.8	13.4	760	8.8	84
06...	1630	780	--	144	7.8	13.3	760	8.8	84
06...	1632	630	--	145	7.8	13.5	760	8.8	85
06...	1634	420	--	145	7.8	13.5	760	8.8	85
18...	1605	--	1094	135	7.8	11.7	757	10.6	98
18...	1610	--	861.0	136	7.8	11.6	757	10.3	95
18...	1612	--	618.0	138	7.8	11.5	757	10.3	95
18...	1631	--	415.0	139	7.8	11.6	757	10.3	95
18...	1634	--	205.0	141	7.8	11.7	757	10.3	96
26...	1420	--	950.0	125	7.8	11.9	746	11.2	106
26...	1423	--	705.0	128	7.8	11.9	746	11.5	109
26...	1425	--	485.0	130	7.8	11.9	746	11.6	110
26...	1427	--	295.0	131	7.8	12.0	746	11.3	107
26...	1428	--	105.0	132	7.8	12.0	746	11.6	110
AUG									
13...	1556	--	1120	216	8.1	11.7	754	9.9	92
13...	1600	--	850.0	216	8.0	11.6	754	9.9	92
13...	1604	--	700.0	217	8.0	11.7	754	9.9	92
13...	1608	--	540.0	217	8.0	11.7	754	9.9	93
13...	1610	--	365.0	217	8.0	11.7	754	10.0	93
SEP									
27...	1315	--	1050	242	8.0	5.5	743	12.4	101
27...	1322	--	850.0	242	8.0	5.3	743	12.2	99
27...	1330	--	650.0	243	8.0	5.3	743	12.3	99
27...	1337	--	450.0	243	8.0	5.3	743	12.2	99
27...	1345	--	250.0	243	8.0	5.3	743	12.3	100

Date	Time	Medium code	Sample type	STREAM WIDTH (FT) (00004)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAM-PLING METHOD, CODES (82398)	SAMPLER TYPE (CODE) (84164)	QUALITY ASSUR-ANCE DATA INDICA-TOR CODE (99111)	REP-LICATE TYPE (CODE) (99105)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)
MAR													
11...	1730	9	9	500	806	60	3060	--	--	399	7.6	-13.0	.0
JUN													
06...	1500	9	9	1120	28800	20	3055	30	--	143	7.8	--	13.5
18...	1430	9	9	1440	43700	20	3055	30	10.00	138	7.8	--	11.7
26...	1310	9	9	--	48900	20	3055	30	--	130	7.8	--	11.9
AUG													
13...	1430	9	9	1270	18500	20	3055	30	--	217	8.0	--	11.7
26...	1400	9	9	--	--	20	3055	100	--	--	7.9	--	--
SEP													
27...	1200	9	9	1100	10700	20	3045	30	--	243	8.0	--	5.3

Date	TURBID-ITY LAB HACH 2100AN (NTU) (99872)	UV ABSORB-ANCE 254 NM, WTR FLT (UNITS /CM) (50624)	UV ABSORB-ANCE 280 NM, WTR FLT (UNITS /CM) (61726)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, (PER-CENT SATUR-ATION) (00301)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	ANC WATER UNFLTRD FET FIELD (MG/L AS CACO3) (00410)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)
MAR													
11...	4.2	.046	.031	755	6.1	42	200	58.8	12.3	4.24	160	.54	190
JUN													
06...	41	.302	.225	760	8.8	85	70	21.4	3.92	1.38	51	.70	62
18...	57	.478	.354	757	10.3	96	68	19.8	4.57	1.83	41	.45	50
26...	80	.504	.374	746	11.6	110	71	21.8	4.07	1.30	48	.38	56
AUG													
13...	21	.222	.163	754	9.9	92	110	28.9	7.99	2.45	56	.52	68
26...	27	.366	.271	--	--	--	99	28.8	6.44	1.96	60	.35	72
SEP													
27...	9.8	.271	.198	743	12.3	100	120	37.3	7.63	2.54	96	.42	116

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

## YUKON ALASKA—Continued

## 15389000 PORCUPINE RIVER NEAR FORT YUKON—Continued

Date	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLORIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUORIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)
MAR 11...	.0	160	34.2	3.53	E.1	4.28	230	213	<.002	.218	<.015	E.09	E.06
JUN 06...	.0	51	15.1	.71	E.07	2.39	103	76	E.002	.030	<.015	.53	.27
18...	.0	41	20.9	.41	E.08	3.11	110	76	E.002	E.011	<.015	.54	.35
26...	.0	46	16.9	.67	<.10	3.18	108	76	.003	.026	<.015	.65	.31
AUG 13...	.0	56	47.8	.83	E.11	3.16	147	126	E.002	.037	<.015	.26	.19
26...	.0	59	30.5	.60	<.10	4.04	136	108	E.002	.030	<.015	.29	.25
SEP 27...	.0	95	34.6	1.02	E.08	3.77	160	145	E.002	.017	<.015	.21	.23
Date	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	ORTHO- PHOS- PHATE, DIS- SOLVED (MG/L AS P) (00671)	NITRO- GEN, TOTAL, SEDIMNT (WEIGHT PERCENT) (62845)	PHOS- PHORUS SEDI- MENT SUSP. PERCENT (30292)	ALUM- INUM, DIS- SOLVED SED, SUS PERCENT (30221)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	AN- TIMONY SED. SUSP. (UG/L AS SB) (29816)	ANTI- MONY, DIS- SOLVED (UG/L AS SB) (01095)	ARSENIC SED. SUSP. (UG/G) (29818)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	BARIUM SUSP. (UG/G) (29820)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)
MAR 11...	E.003	E.003	<.007	--	--	--	3	--	.06	--	1.4	--	91
JUN 06...	.080	.008	<.007	.31	.100	7.2	19	1.1	.14	14	.4	910	40
18...	.070	.008	<.007	.28	.090	7.4	52	1.4	.12	16	.4	1200	39
26...	.146	.010	<.007	.23	.100	7.2	41	1.2	.12	17	.4	870	40
AUG 13...	.036	.005	<.007	.35	.120	8.6	16	1.0	.06	16	.3	1000	50
26...	.048	.006	<.007	--	.110	7.4	46	1.5	.11	15	.3	1100	49
SEP 27...	.008	E.003	<.007	--	.140	7.3	33	1.6	.14	25	.3	1200	58
Date	BERYL- LIUM SED. SUSP. (UG/G) (29822)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)	BORON, DIS- SOLVED (UG/L AS B) (01020)	CADMIUM SED. SUSP. (UG/L AS CD) (29826)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CHRO- MIUM SED. SUSP. (UG/L AS MN) (29829)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	COBALT SEDI- MENT SUSP. (UG/G) (35031)	COBALT, DIS- SOLVED (UG/L AS CO) (01035)	COPPER SED. SUSP. (UG/G) (29832)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON SEDI- MENT SUSP. PERCENT (30269)	IRON, DIS- SOLVED (UG/L AS FE) (01046)
MAR 11...	--	<.06	11	--	E.04	--	<.8	--	.15	--	.8	--	11
JUN 06...	2	<.06	E6	.7	<.04	110	<.8	16	.07	30	1.7	3.9	135
18...	2	<.06	E5	.6	<.04	120	<.8	17	.11	30	2.8	3.8	204
26...	2	<.06	E4	.5	<.04	110	<.8	16	.12	29	2.6	4.0	178
AUG 13...	2	<.06	E6	.7	<.04	130	<.8	19	.12	31	1.6	4.8	66
26...	2	<.06	E7	1.0	E.02	150	<.8	22	.12	43	1.9	4.3	173
SEP 27...	3	<.06	7	2.0	<.04	210	<.8	35	.16	83	1.9	7.2	123
Date	LEAD SED. SUSP. (UG/G) (29836)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	LITHIUM SEDI- MENT SUSP. (UG/G) (35050)	LITHIUM DIS- SOLVED (UG/L AS LI) (01130)	MAN- GANESE SED. SUSP. (UG/G) (29839)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MERCURY SED. SUSP. (UG/G) (29841)	MOLYB- DENUM SED. SUSP. (UG/G) (29843)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL SED. SUSP. (UG/G) (29845)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SELE- NIUM SED. SUSP. (UG/G) (29847)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)
MAR 11...	--	.29	--	6.7	--	15.7	--	--	.8	--	.47	--	.5
JUN 06...	23	.11	65	2.1	670	2.1	.07	2	.7	58	1.85	1	E.3
18...	24	E.05	60	2.9	560	2.8	.08	4	.7	76	3.06	1	<.3
26...	25	.11	60	2.3	590	3.1	.07	2	.3	56	2.53	1	<.3
AUG 13...	29	<.08	86	4.8	820	2.4	.08	4	.3	64	2.25	1	E.3
26...	32	E.06	62	3.5	790	3.8	.88	6	.4	120	3.00	2	.4
SEP 27...	31	<.08	61	4.9	1900	3.8	--	11	.5	230	2.94	4	E.3



## WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

## YUKON ALASKA—Continued

## 15389000 PORCUPINE RIVER NEAR FORT YUKON—Continued

Date	SILVER SED. SUSP. (UG/G) (29850)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	STRON- TIUM SEDI- MENT SUSP. (UG/G) (35040)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)	THAL- LIUM SUS SED (UG/G) (49955)	TITA- NIUM SEDI- MENT SUSP. PERCENT (30317)	VANA- DIUM SEDI- SUSP. (UG/G) (29853)	VANA- DIUM, DIS- SOLVED (UG/L AS V) (01085)	ZINC SED. SUSP. (UG/G) (29855)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	URANIUM SEDI- MENT SUSP. (UG/G) (35046)	URANIUM NATURAL DIS- SOLVED (UG/L AS U) (22703)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)
MAR 11...	--	<1	--	160	--	--	--	<.2	--	4	--	.87	2.0
JUN 06...	<.5	<1	110	58.3	<50	.420	180	.8	190	<1	<50	.29	8.2
18...	11	<1	120	61.7	<50	.450	200	.3	230	2	<50	.22	13.0
26...	M	<1	120	63.0	<50	.470	170	.6	170	1	<50	.28	14.0
AUG 13...	M	<1	150	107	<50	.430	210	.4	190	3	<50	.24	7.7
26...	<1	<1	140	93.0	<100	.440	230	.6	350	3	<100	.30	11.0
SEP 27...	2	<1	160	103	<100	.420	220	.2	680	3	<100	.51	8.8

Date	CARBON, INOR- GANIC, PARTIC. TOTAL (MG/L AS C) (00688)	CARBON, ORGANIC PARTIC- ULATE TOTAL (MG/L AS C) (00689)	CARBON, INORG + ORGANIC PARTIC. TOTAL (MG/L AS C) (00694)	CARBON SED. SUSP. PERCENT (30244)	CARBON, ORGANIC SUS- PENDED, TOTAL PERCENT (50465)	NITRO- GEN, PAR TICULATE WAT FLT SUSP (MG/L AS N) (49570)	SEDI- MENT SUSP., FLOW- THROUGH CENTRIF (MG/L) (50279)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- CHARGE, SUS- PENDED (MG/L) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
MAR 11...	<.1	<.1	<.1	--	--	<.02	--	1.0	2.2	--
JUN 06...	.2	1.9	2.1	4.1	3.5	.16	65	68	5290	93
18...	<.1	2.1	2.2	3.4	3.4	.19	75	76	8970	90
26...	<.1	3.2	3.3	3.0	2.9	.26	127	130	17200	95
AUG 13...	<.1	1.1	1.1	3.7	3.8	.10	23	28	1400	99
26...	<.1	1.3	1.3	--	--	.11	32	40	--	90
SEP 27...	<.1	.3	.3	--	--	.02	2	6.0	173	88

## 15518020 HEALY CREEK AT SUNTRANA

Date	Time	STREAM WIDTH (FT) (00004)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAM- PLING METHOD, CODES (82398)	SAMPLER TYPE (CODE) (84164)	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	SEDI- MENT, SUS- PENDED (MG/L) (80154)	SEDI- MENT, DIS- SIEVE DIAM. % FINER THAN .062 MM (70331)	
OCT 05...	1315	35.5	18.79	145	10	3001	6.5	10.0	71	27.8	57

## 1556488224 CONTACT CREEK BELOW LITTLE CONTACT CREEK AT ANAKTUVUK PASS

Date	Time	AGENCY COL- LECTING SAMPLE NUMBER (CODE) (00027)	AGENCY ANA- LYZING SAMPLE NUMBER (CODE) (00028)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAM- PLING METHOD, CODES (82398)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	TEMPER- ATURE WATER (DEG C) (00010)
JUN 18...	1710	1028	80020	2250	60	10	702	12.2	8.3	8.1	110	111	6.7
JUL 17...	0940	1028	80020	2250	107	10	706	--	7.6	8.0	118	116	5.9
SEP 10...	1630	1028	80020	2250	62	10	697	11.4	7.9	8.0	135	141	2.6

Date	Time	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	ALKA- LINITY WAT.DIS FET LAB (MG/L CACO3) (29801)	ALKA- LINITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	ANC WATER UNFLTRD FET FIELD (MG/L AS CACO3) (00410)	BICAR- BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS STO2) (00955)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)
JUN 18...	17.9	2.47	E.10	.20	54	50	51	65	<.30	<.10	1.18	4.0	59	
JUL 17...	18.8	2.74	.11	.22	57	55	56	72	<.30	<.10	1.26	4.5	62	
SEP 10...	22.4	3.44	.14	.33	66	63	63	82	<.30	E.07	1.45	7.9	77	

## ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

## YUKON ALASKA—Continued

## 1556488224 -- CONTACT CREEK BELOW LITTLE CONTACT CREEK AT ANAKTUVUK PASS—Continued

Date	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	ORTHO- PHOS- PHATE, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)
JUN 18...	<.015	<.10	E.08	.029	<.002	E.003	<.007	.009	1.0	<10	<2.0	10.00	3045
JUL 17...	<.015	<.10	E.05	.014	<.002	E.003	<.007	.006	1.0	<10	<2.0	--	3045
SEP 10...	<.015	E.08	<.10	.054	<.002	<.004	<.007	E.003	1.1	<10	<2.0	--	3045

## 680837151435000 CONTACT CREEK AT MAIN STREET AT ANAKTUVUK PASS

Date	Time	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAM- PLING METHOD, CODES (82398)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	TEMPER- ATURE WATER (DEG C) (00010)
JUN 18...	2000	1028	80020	2250	49	10	702	12.1	8.4	8.1	115	118	6.2
JUL 17...	1125	1028	80020	2250	93	10	708	--	8.0	8.0	112	118	7.3
SEP 10...	1900	1028	80020	2250	23	10	697	10.8	8.0	8.0	133	141	2.6

Date	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	ALKA- LINITY WAT.DIS FET LAB (MG/L CACO3) (29801)	ALKA- LINITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	ANC WATER UNFLTRD FET FIELD (MG/L AS CACO3) (00410)	BICAR- BONATE WATER DIS IT FIELD (MG/L AS HCO3 AS CL) (00453)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (UG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS STO2) (00955)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)
JUN 18...	18.9	2.62	.11	.22	56	53	53	69	<.30	<.10	1.14	4.2	60
JUL 17...	19.0	2.78	.11	.22	58	54	55	70	<.30	<.10	1.25	4.5	69
SEP 10...	22.6	3.46	.14	.34	66	62	62	81	<.30	E.06	1.47	7.8	79

Date	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	ORTHO- PHOS- PHATE, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)
JUN 18...	<.015	<.10	E.06	.030	<.002	E.003	<.007	.006	.9	<10	<2.0	10.00	3045
JUL 17...	<.015	<.10	E.06	.013	<.002	E.002	<.007	.005	.9	<10	<2.0	--	3045
SEP 10...	<.015	E.07	E.05	.049	<.002	<.004	<.007	E.003	1.0	<10	<2.0	--	3045

## 680754151442100 CONTACT CREEK ABOVE INUKPASUGRUK CREEK AT ANAKTUVUK PASS

Date	Time	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAM- PLING METHOD, CODES (82398)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	TEMPER- ATURE WATER (DEG C) (00010)
JUN 19...	1350	1028	80020	2050	35	10	704	12.6	8.4	8.1	139	146	5.3
JUL 16...	1635	1028	80020	2050	107	10	708	--	8.0	8.0	130	141	8.0
SEP 11...	1600	1028	80020	2050	42	10	696	12.0	8.1	7.7	167	170	3.0

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

YUKON ALASKA—Continued

680754151442100 CONTACT CREEK ABOVE INUKPASUGRUK CREEK AT ANAKTUVUK PASS—Continued

Date	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNESIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTASSIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	ALKALINITY WAT.DIS FET LAB (MG/L CACO3) (29801)	ALKALINITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	ANC WATER UNFLTRD FET FIELD (MG/L AS CACO3) (00410)	BICARBONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	CHLORIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUORIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)
JUN 19...	23.4	3.45	.12	.25	69	66	66	86	<.30	<.10	1.33	5.8	76
JUL 16...	23.1	3.40	.14	.26	67	63	64	82	<.30	<.10	1.38	5.8	80
SEP 11...	27.7	4.19	.15	.42	81	76	78	99	<.30	<.10	1.57	9.9	91

  

Date	NITROGEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA + ORGANIC DIS-SOLVED (MG/L AS N) (00623)	NITROGEN, AMMONIA + ORGANIC TOTAL SOLVED (MG/L AS N) (00625)	NITROGEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITROGEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	PHOSPHORUS DIS-SOLVED (MG/L AS P) (00666)	ORTHOPHOSPHATE, DIS-SOLVED (MG/L AS P) (00671)	PHOSPHORUS DIS-SOLVED (MG/L AS P) (00665)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGANESE, DIS-SOLVED (UG/L AS MN) (01056)	SAMPLER PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)
JUN 19...	<.015	<.10	<.10	.063	<.002	<.004	<.007	.006	.7	<10	<2.0	10.00	3045
JUL 16...	<.015	<.10	<.10	.040	<.002	<.004	<.007	.006	.9	<10	<2.0	--	3045
SEP 11...	<.015	E.08	<.10	.070	<.002	<.004	<.007	E.003	.8	<10	E.9	--	3045

680752151450200 JOHN RIVER TRIBUTARY AT ANAKTUVUK PASS

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	SAMPLING METHOD, CODES (82398)	BAROMETRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	TEMPERATURE WATER (DEG C) (00010)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)
SEP 11...	1100	1028	80020	.70	10	696	11.4	6.6	7.5	94	103	2.9	15.4

  

Date	MAGNESIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTASSIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	ALKALINITY WAT.DIS FET LAB (MG/L CACO3) (29801)	ALKALINITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	ANC WATER UNFLTRD FET FIELD (MG/L AS CACO3) (00410)	BICARBONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	CHLORIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUORIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITROGEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)
SEP 11...	2.79	.22	.46	48	45	46	58	.34	<.10	1.84	3.8	66	<.015

  

Date	NITROGEN, AMMONIA + ORGANIC DIS-SOLVED (MG/L AS N) (00623)	NITROGEN, AMMONIA + ORGANIC TOTAL SOLVED (MG/L AS N) (00625)	NITROGEN, NO2+NO3 SOLVED (MG/L AS N) (00631)	NITROGEN, NITRITE SOLVED (MG/L AS N) (00613)	PHOSPHORUS DIS-SOLVED (MG/L AS P) (00666)	ORTHOPHOSPHATE, DIS-SOLVED (MG/L AS P) (00671)	PHOSPHORUS DIS-SOLVED (MG/L AS P) (00665)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGANESE, DIS-SOLVED (UG/L AS MN) (01056)	SAMPLER TYPE (CODE) (84164)
SEP 11...	.14	.17	.180	<.002	<.004	<.007	E.003	4.7	46	E1.6	3045

680735151444400 INUKPASUGRUK CREEK AT ANAKTUVUK PASS

Date	Time	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	SAMPLING METHOD, CODES (82398)	BAROMETRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	SPECIFIC CONDUCTANCE (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	TEMPERATURE WATER (DEG C) (00010)
JUN 19...	1155	1028	80020	2050	93	10	704	13.1	8.2	7.9	148	153	4.4
JUL 16...	1445	1028	80020	2050	161	10	708	--	7.9	7.9	154	164	9.3
SEP 11...	1430	1028	80020	2050	137	10	696	12.1	8.0	7.9	185	191	1.9

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

## YUKON ALASKA—Continued

## 680735151444400 INUKPASUGRUK CREEK AT ANAKTUVUK PASS—Continued

Date	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	ALKA- LINITY WAT.DIS FET LAB (MG/L CACO3) (29801)	ALKA- LINITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	ANC WATER UNFLTRD FET FIELD (MG/L AS CACO3) (00410)	BICAR- BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS STO2) (00955)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)
JUN 19...	19.0	5.57	.25	.82	48	47	48	61	<.30	<.10	1.68	25.5	86
JUL 16...	20.9	6.09	.32	.97	52	49	50	64	<.30	E.06	1.94	28.5	98
SEP 11...	25.3	7.42	.32	1.13	60	56	57	73	<.30	<.10	2.07	37.3	117

Date	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	ORTHO- PHOS- PHATE, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)
JUN 19...	<.015	<.10	<.10	.052	<.002	<.004	<.007	.008	.7	<10	<2.0	10.00	3045
JUL 16...	<.015	<.10	<.10	.033	<.002	<.004	<.007	.004	.8	<10	<2.0	--	3045
SEP 11...	<.015	E.06	E.06	.044	<.002	<.004	<.007	E.002	1.0	<10	<2.0	--	3045

## 680715151463000 JOHN RIVER BELOW INUKPASUGRUK CREEK AT ANAKTUVUK PASS

Date	Time	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAM- PLING METHOD, CODES (82398)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (MG/L) (00300)	PH WATER FIELD (STAND- ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	SPE- CIFIC CON- DUCT- ANCE LAB (US/CM) (90095)	TEMPER- ATURE WATER (DEG C) (00010)
JUN 19...	1000	1028	80020	2050	171	10	704	13.4	8.0	7.9	156	162	3.6
JUL 16...	1130	1028	80020	2050	270	10	710	--	8.0	7.8	150	160	8.7
SEP 11...	1230	1028	80020	2050	179	10	696	11.8	7.8	7.9	185	192	2.4

Date	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	ALKA- LINITY WAT.DIS FET LAB (MG/L CACO3) (29801)	ALKA- LINITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	ANC WATER UNFLTRD FET FIELD (MG/L AS CACO3) (00410)	BICAR- BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS STO2) (00955)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)
JUN 19...	22.6	5.17	.51	.77	61	58	58	75	<.30	<.10	1.65	18.8	91
JUL 16...	24.2	4.73	.22	.66	67	62	62	81	<.30	E.06	1.69	14.3	94
SEP 11...	29.0	6.08	.24	.92	78	74	75	96	E.19	<.10	1.91	23.3	115

Date	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	ORTHO- PHOS- PHATE, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	SAMPLE PURPOSE CODE (71999)	SAMPLER TYPE (CODE) (84164)
JUN 19...	<.015	<.10	<.10	.068	<.002	<.004	<.007	.010	.7	<10	<2.0	10.00	3045
JUL 16...	<.015	<.10	<.10	.068	<.002	E.003	<.007	E.004	.9	E8	<2.0	--	3045
SEP 11...	<.015	E.06	E.08	.084	<.002	<.004	<.007	E.002	1.1	<10	E.9	--	3045

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

## NORTHWEST ALASKA

## 673612163564000 NEW HEART CREEK AT PORT ACCESS ROAD NEAR KIVALINA

Date	Time	Medium code	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	AGENCY LYZING SAMPLE (CODE NUMBER) (00028)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	DIS-CHARGE, INST. CUBIC FEET PER SECON (00061)	SAMPLING METHOD, CODES (82398)	BAROMETRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STAND-ARD) (00400)	PH WATER WHOLE LAB (STAND-ARD) (00403)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (00095)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)
JUL 29...	1050	9	1028	80020	175	.20	10	774	12.0	7.0	7.9	376	381
JUL 29...	1230	H	1028	80020	175	--	--	--	--	--	--	--	--
Date	TEMPER-ATURE WATER (DEG C) (00010)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	CALCIUM BOT MAT <63U WS PERCENT (34830)	MAGNE-SIUM BOT MAT FIELD (34900)	POTAS-SIUM BOT MAT FIELD (34940)	SODIUM BOT MAT FIELD (34960)	ALKA-LINITY WAT.DIS FET LAB (29801)	ALKA-LINITY WAT DIS TOT IT FIELD (39086)	ANC WATER UNFLTRD FET FIELD (00410)	BICAR-BONATE WATER DIS IT FIELD (00453)
JUL 29...	10.2	69.1	9.47	.32	1.77	--	--	--	--	165	160	160	208
JUL 29...	--	--	--	--	--	2.2	.860	1.6	.390	--	--	--	--
Date	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SULFUR BOT MAT <63U WS FIELD PERCENT (34970)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)
JUL 29...	2.76	<.10	3.15	45.2	--	245	E.013	.14	.13	.071	<.002	E.002	<.007
JUL 29...	--	--	--	--	.09	--	--	--	--	--	--	--	--
Date	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS BOT MAT (MG/L AS P) (34935)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON, INORG. SED, BM WS, <63U REC (PER-CENT) (49269)	CARBON, ORG + SED, BM WS, <63U REC (PER-CENT) (49267)	CARBON, ORGANIC SED, BM WS, <63U REC (PER-CENT) (49266)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)
JUL 29...	E.002	--	3.5	--	--	--	<20	.05	<.8	.8	E6	E.05	E2.0
JUL 29...	--	.078	--	.70	3.0	2.3	--	--	--	--	--	--	--
Date	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	ALUM-INUM BOT MAT <63U WS FIELD PERCENT (34790)	ANTI-MONY BOT MAT <63U WS FIELD (UG/G) (34795)	ARSENIC BOT MAT <63U WS FIELD (UG/G) (34800)	BARIUM BOT MAT <63U WS FIELD (UG/G) (34805)	BERYL-LIUM BOT MAT <63U WS FIELD (UG/G) (34810)	BISMUTH BOT MAT <180UWS FIELD (UG/G) (34816)	CADMIUM BOT MAT <63U WS FIELD (UG/G) (34825)	CERIUM BOT MAT <63U WS FIELD (UG/G) (34835)	CHRO-MIUM BOT MAT <63U WS FIELD (UG/G) (34840)	COBALT BOT MAT <63U WS FIELD (UG/G) (34845)	COPPER BOT MAT <63U WS FIELD (UG/G) (34850)	EURO-PIUM BOT MAT <63U WS FIELD (UG/G) (34855)
JUL 29...	5	--	--	--	--	--	--	--	--	--	--	--	--
JUL 29...	--	5.9	.8	10	1100	2.1	<1	2.0	50	100	17	22	1
Date	GALLIUM BOT MAT <63U WS FIELD (UG/G) (34860)	GOLD BOT MAT <63U WS FIELD (UG/G) (34870)	HOLMIUM BOT MAT <63U WS FIELD (UG/G) (34875)	IRON BOT MAT <63U WS FIELD PERCENT (34880)	LANTHA-NUM BOT MAT <63U WS FIELD (UG/G) (34885)	LEAD BOT MAT <63U WS FIELD (UG/G) (34890)	LITHIUM BOT MAT <63U WS FIELD (UG/G) (34895)	MANGA-NESE BOT MAT <63U WS FIELD (UG/G) (34905)	MERCURY BOT MAT <63U WS FIELD (UG/G) (34910)	MOLYB-DENUM BOT MAT <63U WS FIELD (UG/G) (34915)	NEODYM-IUM BOT MAT <63U WS FIELD (UG/G) (34920)	NICKEL BOT MAT <63U WS FIELD (UG/G) (34925)	NIOBIUM BOT MAT <63U WS FIELD (UG/G) (34930)
JUL 29...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 29...	14	<1	<1	3.4	30	79	54	720	.11	.6	27	61	8
Date	SCAN-DIUM BOT MAT <63U WS FIELD (UG/G) (34945)	SELE-NIUM BOT MAT <63U WS FIELD (UG/G) (34950)	SILVER BOT MAT <63U WS FIELD (UG/G) (34955)	STRON-TIUM BOT MAT <63U WS FIELD (UG/G) (34965)	TANTA-LUM BOT MAT <63U WS FIELD (UG/G) (34975)	THAL-LIUM BED MAT D SIEVE <63 U TOTAL (UG/G) (04064)	THORIUM BOT MAT <63U WS FIELD (UG/G) (34980)	TIN BOT MAT <63U WS FIELD (UG/G) (34985)	TITA-NIUM, SED, BM WS, <63U DRY WGT REC (49274)	VANA-DIUM BOT MAT <63U WS FIELD (UG/G) (35005)	YTTER-BIUM BOT MAT <63U WS FIELD (UG/G) (35015)	YTTRIUM BOT MAT <63U WS FIELD (UG/G) (35010)	ZINC BOT MAT <63U WS FIELD (UG/G) (35020)
JUL 29...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 29...	13	1.2	.3	160	<1	<1	9	2	.230	110	2	20	500



## WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

## NORTHWEST ALASKA—Continued

## 673641163554500 NORTH FORK NEW HEART CREEK AT PORT ACCESS ROAD NEAR KIVALINA

Date	Time	Medium code	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	CALCIUM BOT MAT <63U WS FIELD PERCENT (34830)	MAGNE-SIUM BOT MAT <63U WS FIELD PERCENT (34900)	POTAS-SIUM BOT MAT <63U WS FIELD PERCENT (34940)	SODIUM BOT MAT <63U WS FIELD PERCENT (34960)	SULFUR BOT MAT <63U WS FIELD PERCENT (34970)	PHOS-PHORUS BOT MAT <63U WS FIELD PERCENT (34935)	CARBON, INORG, SED, BM WS, <63U DW, REC (49269)	CARBON, ORG + INORG, SED, BM WS, <63U DW, REC (49267)	
JUL 29...	1415	H	1028	80020	275	1.2	.780	1.7	.400	.16	.150	.34	4.3	
Date		CARBON, ORGANIC SED, BM WS, <63U DW, REC (PER-CENT) (49266)	ALUM-INUM BOT MAT <63U WS FIELD PERCENT (34790)	ANTI-MONY BOT MAT <63U WS FIELD (UG/G) (34795)	ARSENIC BOT MAT <63U WS FIELD (UG/G) (34800)	BARIUM BOT MAT <63U WS FIELD (UG/G) (34805)	BERYL-LIUM BOT MAT <63U WS FIELD (UG/G) (34810)	BISMUTH BOT MAT <180UWS FIELD (UG/G) (34816)	CADMIUM BOT MAT <63U WS FIELD (UG/G) (34825)	CERIUM BOT MAT <63U WS FIELD (UG/G) (34835)	CHRO-MIUM BOT MAT <63U WS FIELD (UG/G) (34840)	COBALT BOT MAT <63U WS FIELD (UG/G) (34845)	COPPER BOT MAT <63U WS FIELD (UG/G) (34850)	EURO-PIUM BOT MAT <63U WS FIELD (UG/G) (34855)
JUL 29...	4.0	6.1	1.1	13	1100	2.1	<1	2.1	52	150	14	76	1	
Date		GALLIUM BOT MAT <63U WS FIELD (UG/G) (34860)	GOLD BOT MAT <63U WS FIELD (UG/G) (34870)	HOLMIUM BOT MAT <63U WS FIELD (UG/G) (34875)	IRON BOT MAT <63U WS PERCENT (34880)	LANTHA-NUM BOT MAT <63U WS FIELD (UG/G) (34885)	LEAD BOT MAT <63U WS FIELD (UG/G) (34890)	LITHIUM BOT MAT <63U WS FIELD (UG/G) (34895)	MANGA-NESE BOT MAT <63U WS FIELD (UG/G) (34905)	MERCURY BOT MAT <63U WS FIELD (UG/G) (34910)	MOLYB-DENUM BOT MAT <63U WS FIELD (UG/G) (34915)	NEODYM-IUM BOT MAT <63U WS FIELD (UG/G) (34920)	NICKEL BOT MAT <63U WS FIELD (UG/G) (34925)	NIOBIUM BOT MAT <63U WS FIELD (UG/G) (34930)
JUL 29...	15	<1	<1	3.1	30	66	52	580	.20	1.3	28	62	12	
Date		SCAN-DIUM BOT MAT <63U WS FIELD (UG/G) (34945)	SELE-NIUM BOT MAT <63U WS FIELD (UG/G) (34950)	SILVER BOT MAT <63U WS FIELD (UG/G) (34955)	STRON-TIUM BOT MAT <63U WS FIELD (UG/G) (34965)	TANTA-LUM BOT MAT <63U WS FIELD (UG/G) (34975)	THAL-LIUM BOT MAT D SIEVE <63 U TOTAL (UG/G) (04064)	THORIUM BOT MAT <63U WS FIELD (UG/G) (34980)	TIN BOT MAT <63U WS FIELD (UG/G) (34985)	TITA-NIUM, SED, BM WS, <63U DRY WGT PERCENT (49274)	VANA-DIUM BOT MAT <63U WS FIELD (UG/G) (35005)	YTTER-BIUM BOT MAT <63U WS FIELD (UG/G) (35015)	YTTRIUM BOT MAT <63U WS FIELD (UG/G) (35010)	ZINC BOT MAT <63U WS FIELD (UG/G) (35020)
JUL 29...	14	6.0	.8	160	<1	<1	10	3	.230	130	2	23	740	
Date		URANIUM BOT MAT <63U WS FIELD (UG/G) (35000)												
JUL 29...	3.6													

## 674326163375900 OMIKVOROK RIVER AT PORT ACCESS ROAD NEAR KIVALINA

Date	Time	Medium code	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAM-PLING METHOD, CODES (82398)	BARO-METRIC PRES-SURE (MM HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	PH WATER WHOLE LAB (STAND-ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND-ARD UNITS) (00403)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	
JUL 28...	1015	9	1028	80020	325	7.8	10	761	11.0	7.1	7.9	177	189	
JUL 28...	1100	H	1028	80020	325	--	--	--	--	--	--	--	--	
Date		TEMPER-ATURE WATER (DEG C) (00010)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	CALCIUM BOT MAT <63U WS FIELD PERCENT (34830)	MAGNE-SIUM BOT MAT <63U WS FIELD PERCENT (34900)	POTAS-SIUM BOT MAT <63U WS FIELD PERCENT (34940)	SODIUM BOT MAT <63U WS FIELD PERCENT (34960)	ALKA-LINITY WATER DIS LAB FET (MG/L CAC03) (29801)	ALKA-LINITY WATER DIS TOT IT (MG/L AS CAC03) (39086)	ANC WATER UNFLTRD FET FIELD (MG/L AS CAC03) (00410)	BICAR-BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)
JUL 28...	10.5	27.8	6.02	.23	1.61	--	--	--	--	90	90	90	117	
JUL 28...	--	--	--	--	--	.660	.770	1.3	.770	--	--	--	--	





## WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

## NORTHWEST ALASKA—Continued

## 674346163373600 MUD LAKE CREEK AT PORT ACCESS ROAD NEAR KIVALINA

Date	Time	Medium code	AGENCY COLLECTING SAMPLE NUMBER (00027)	AGENCY ANALYZING SAMPLE NUMBER (00028)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	BARO-METRIC PRES-SURE OF (MM HG) (00025)	PH WATER FIELD (STAND-ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND-ARD UNITS) (00403)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	TEMPER-ATURE WATER (DEG C) (00010)		
JUL 30...	1100	9	1028	80020	325	.23	767	13.6	6.5	7.8	153	163	10.6	
JUL 30...	1200	H	1028	80020	325	--	--	--	--	--	--	--	--	
Date		CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	CALCIUM BOT MAT <63U WS PERCENT (34830)	MAGNE-SIUM BOT MAT <63U WS PERCENT (34900)	POTAS-SIUM BOT MAT <63U WS FIELD PERCENT (34940)	SODIUM BOT MAT <63U WS FIELD PERCENT (34960)	ALKA-LINITY WAT.DIS LAB (CACO3) (29801)	ALKA-LINITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	ANC WATER UNPLTRD FIELD (MG/L AS CACO3) (00410)	BICAR-BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)
JUL 30...	27.5	3.72	.16	1.10	--	--	--	--	82	78	78	101	1.93	
JUL 30...	--	--	--	--	1.7	1.2	1.0	.720	--	--	--	--	--	
Date		FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SULFUR BOT MAT <63U WS FIELD PERCENT (34970)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC DIS-SOLVED (MG/L AS N) (00623)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)
JUL 30...	<.10	2.99	1.2	--	95	<.015	.23	.27	.101	E.002	.005	<.007	.013	
JUL 30...	--	--	--	.15	--	--	--	--	--	--	--	--	--	
Date		PHOS-PHORUS BOT MAT <63U WS FIELD PERCENT (34935)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON, INORG, SED, BM WS, <63U (PER-CENT) (49269)	CARBON, ORG + INORG, SED, BM WS, <63U (PER-CENT) (49267)	CARBON, ORGANIC SED, BM WS, <63U (PER-CENT) (49266)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)
JUL 30...	--	6.5	--	--	--	<20	<.04	<.8	1.1	457	<.08	35.6	1	
JUL 30...	.073	--	.60	3.3	2.7	--	--	--	--	--	--	--	--	
Date		ALUM-INUM BOT MAT <63U WS FIELD PERCENT (34790)	ANTI-MONY BOT MAT <63U WS FIELD (UG/G) (34795)	ARSENIC BOT MAT <63U WS FIELD (UG/G) (34800)	BARIUM BOT MAT <63U WS FIELD (UG/G) (34805)	BERYL-LIUM BOT MAT <63U WS FIELD (UG/G) (34810)	BISMUTH BOT MAT <180UWS FIELD (UG/G) (34816)	CADMIUM BOT MAT <63U WS FIELD (UG/G) (34825)	CERIUM BOT MAT <63U WS FIELD (UG/G) (34835)	CHRO-MIUM BOT MAT <63U WS FIELD (UG/G) (34840)	COBALT BOT MAT <63U WS FIELD (UG/G) (34845)	COPPER BOT MAT <63U WS FIELD (UG/G) (34850)	EURO-PIUM BOT MAT <63U WS FIELD (UG/G) (34855)	GALLIUM BOT MAT <63U WS FIELD (UG/G) (34860)
JUL 30...	--	--	--	--	--	--	--	--	--	--	--	--	--	
JUL 30...	4.6	1.1	7.2	1600	1.6	<1	3.4	48	78	23	18	1	11	
Date		GOLD BOT MAT <63U WS FIELD (UG/G) (34870)	HOLMIUM BOT MAT <63U WS FIELD (UG/G) (34875)	IRON BOT MAT <63U WS FIELD PERCENT (34880)	LANTHA-NUM BOT MAT <63U WS FIELD (UG/G) (34885)	LEAD BOT MAT <63U WS FIELD (UG/G) (34890)	LITHIUM BOT MAT <63U WS FIELD (UG/G) (34895)	MANGA-NESE BOT MAT <63U WS FIELD (UG/G) (34905)	MERCURY BOT MAT <63U WS FIELD (UG/G) (34910)	MOLYB-DENUM BOT MAT <63U WS FIELD (UG/G) (34915)	NEODYM-IUM BOT MAT <63U WS FIELD (UG/G) (34920)	NICKEL BOT MAT <63U WS FIELD (UG/G) (34925)	NIOBIUM BOT MAT <63U WS FIELD (UG/G) (34930)	SCAN-DIUM BOT MAT <63U WS FIELD (UG/G) (34945)
JUL 30...	--	--	--	--	--	--	--	--	--	--	--	--	--	
JUL 30...	<1	<1	3.9	22	120	31	1700	.13	<.5	22	40	8	11	
Date		SELE-NIUM BOT MAT <63U WS FIELD (UG/G) (34950)	SILVER BOT MAT <63U WS FIELD (UG/G) (34955)	STRON-TIUM BOT MAT <63U WS FIELD (UG/G) (34965)	TANTA-LUM BOT MAT <63U WS FIELD (UG/G) (34975)	THAL-LIUM BED SIEVE TOTAL (UG/G) (04064)	THORIUM BOT MAT <63U WS FIELD (UG/G) (34980)	TIN BOT MAT <63U WS FIELD (UG/G) (34985)	TITA-NIUM, SED, BM DRY WGT REC (49274)	VANA-DIUM BOT MAT <63U WS FIELD (UG/G) (35005)	YTTER-BIUM BOT MAT <63U WS FIELD (UG/G) (35015)	YTTRIUM BOT MAT <63U WS FIELD (UG/G) (35010)	ZINC BOT MAT <63U WS FIELD (UG/G) (35020)	URANIUM BOT MAT <63U WS FIELD (UG/G) (35000)
JUL 30...	--	--	--	--	--	--	--	--	--	--	--	--	--	
JUL 30...	.3	.2	76	<1	<1	7	2	.270	90	2	16	640	2.3	

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

NORTHWEST ALASKA—Continued

673845163455600 DEADMAN CREEK AT PORT ACCESS ROAD NEAR KIVALINA

Date	Time	Medium code	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	CALCIUM BOT MAT <63U WS FIELD PERCENT (34830)	MAGNE-SIUM BOT MAT <63U WS FIELD PERCENT (34900)	POTAS-SIUM BOT MAT <63U WS FIELD PERCENT (34940)	SODIUM BOT MAT <63U WS FIELD PERCENT (34960)	SULFUR BOT MAT <63U WS FIELD PERCENT (34970)	PHOS-PHORUS BOT MAT <63U WS FIELD PERCENT (34935)	CARBON, INORG, SED, BM WS, <63U DW, REC (PER-CENT) (49269)	CARBON, ORG + INORG, SED, BM WS, <63U DW, REC PERCENT (49267)	
JUL 30...	1400	H	1028	80020	475	1.3	.740	1.6	.330	.25	.083	.45	3.4	
Date		CARBON, ORGANIC SED, BM WS, <63U DW, REC (PER-CENT) (49266)	ALUM-INUM BOT MAT <63U WS FIELD PERCENT (34790)	ANTI-MONY BOT MAT <63U WS FIELD (UG/G) (34795)	ARSENIC BOT MAT <63U WS FIELD (UG/G) (34800)	BARIUM BOT MAT <63U WS FIELD (UG/G) (34805)	BERYL-LIUM BOT MAT <63U WS FIELD (UG/G) (34810)	BISMUTH BOT MAT <180UWS FIELD (UG/G) (34816)	CADMIUM BOT MAT <63U WS FIELD (UG/G) (34825)	CERIUM BOT MAT <63U WS FIELD (UG/G) (34835)	CHRO-MIUM BOT MAT <63U WS FIELD (UG/G) (34840)	COBALT BOT MAT <63U WS FIELD (UG/G) (34845)	COPPER BOT MAT <63U WS FIELD (UG/G) (34850)	EURO-PIUM BOT MAT <63U WS FIELD (UG/G) (34855)
JUL 30...	3.0	5.6	.8	9.4	960	1.9	<1	2.0	41	85	17	18	1	
Date		GALLIUM BOT MAT <63U WS FIELD (UG/G) (34860)	GOLD BOT MAT <63U WS FIELD (UG/G) (34870)	HOLMIUM BOT MAT <63U WS FIELD (UG/G) (34875)	IRON BOT MAT <63U WS FIELD PERCENT (34880)	LANTHA-NUM BOT MAT <63U WS FIELD (UG/G) (34885)	LEAD BOT MAT <63U WS FIELD (UG/G) (34890)	LITHIUM BOT MAT <63U WS FIELD (UG/G) (34895)	MANGA-NESE BOT MAT <63U WS FIELD (UG/G) (34905)	MERCURY BOT MAT <63U WS FIELD (UG/G) (34910)	MOLYB-DENUM BOT MAT <63U WS FIELD (UG/G) (34915)	NEODYM-IUM BOT MAT <63U WS FIELD (UG/G) (34920)	NICKEL BOT MAT <63U WS FIELD (UG/G) (34925)	NIOBIUM BOT MAT <63U WS FIELD (UG/G) (34930)
JUL 30...	13	<1	<1	3.9	20	64	47	1000	.10	.7	21	49	8	
Date		SCAN-DIUM BOT MAT <63U WS FIELD (UG/G) (34945)	SELE-NIUM BOT MAT <63U WS FIELD (UG/G) (34950)	SILVER BOT MAT <63U WS FIELD (UG/G) (34955)	STRON-TIUM BOT MAT <63U WS FIELD (UG/G) (34965)	TANTA-LUM BOT MAT <63U WS FIELD (UG/G) (34975)	THAL-LIUM BED MAT D SIEVE <63 U (UG/G) (04064)	THORIUM BOT MAT <63U WS FIELD (UG/G) (34980)	TIN BOT MAT <63U WS FIELD (UG/G) (34985)	TITA-NIUM, WS, <63U DRY WGT PERCENT (49274)	VANA-DIUM BOT MAT <63U WS FIELD (UG/G) (35005)	YTTER-IUM BOT MAT <63U WS FIELD (UG/G) (35015)	YTTRIUM BOT MAT <63U WS FIELD (UG/G) (35010)	ZINC BOT MAT <63U WS FIELD (UG/G) (35020)
JUL 30...	13	1.0	.2	100	<1	<1	8	2	.210	98	2	20	420	
Date		URANIUM BOT MAT <63U WS FIELD (UG/G) (35000)												
JUL 30...	2.3													

673756163503900 AUFELS CREEK AT PORT ACCESS ROAD NEAR KIVALINA

Date	Time	Medium code	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	PH WATER WHOLE LAB (STAND-ARD UNITS) (00403)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (90095)	TEMPER-ATURE (DEG C) (00010)	
JUL 28...	1430	9	1028	80020	325	1.2	764	11.4	7.5	7.9	208	216	12.4	
JUL 29...	0915	H	1028	80020	325	--	--	--	--	--	--	--	--	
Date		CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	CALCIUM BOT MAT <63U WS FIELD PERCENT (34830)	MAGNE-SIUM BOT MAT <63U WS FIELD PERCENT (34900)	POTAS-SIUM BOT MAT <63U WS FIELD PERCENT (34940)	SODIUM BOT MAT <63U WS FIELD PERCENT (34960)	ALKA-LINITY WAT.DIS LAB (CACO3) (29801)	ALKA-LINITY WAT DIS TOT IT FIELD (MG/L AS CACO3) (39086)	ANC WATER UNPLTRD FET FIELD (MG/L AS CACO3) (00410)	BICAR-BONATE WATER DIS IT FIELD (MG/L AS HCO3) (00453)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)
JUL 28...	34.7	5.45	.23	1.23	--	--	--	--	84	80	80	104	1.37	
JUL 29...	--	--	--	--	.590	.640	2.0	.380	--	--	--	--	--	

## WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

## NORTHWEST ALASKA—Continued

## 673756163503900 AUFELS CREEK AT PORT ACCESS ROAD NEAR KIVALINA—Continued

Date	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	SULFUR BOT MAT <63U WS FIELD (034970)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	ORTHO- PHOS- PHATE, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)
JUL 28... 29...	<.10 --	2.78 --	26.5 --	-- .14	126 --	<.015 --	E.07 --	E.07 --	.034 --	<.002 --	E.004 --	<.007 --	.005 --
Date	PHOS- PHORUS BOT MAT <63U WS FIELD PERCENT (34935)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, INORG, SED, BM WS,<63U DW, REC (PER- CENT) (49269)	CARBON, ORG + INORG, SED, BM WS,<63U DW, REC (PER- CENT) (49267)	CARBON, ORGANIC SED, BM WS,<63U DW, REC (PER- CENT) (49266)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)
JUL 28... 29...	-- .120	1.8 --	-- .13	-- 3.5	-- 3.3	<20 --	<.04 --	<.8 --	.6 --	<10 --	<.08 --	E1.6 --	<1 --
Date	ALUM- INUM BOT MAT <63U WS FIELD PERCENT (34790)	ANTI- MONY BOT MAT <63U WS FIELD (UG/G) (34795)	ARSENIC BOT MAT <63U WS FIELD (UG/G) (34800)	BARIUM BOT MAT <63U WS FIELD (UG/G) (34805)	BERYL- LIUM BOT MAT <63U WS FIELD (UG/G) (34810)	BISMUTH BOT MAT <180UWS FIELD (UG/G) (34816)	CADMIUM BOT MAT <63U WS FIELD (UG/G) (34825)	CERIUM BOT MAT <63U WS FIELD (UG/G) (34835)	CHRO- MIUM BOT MAT <63U WS FIELD (UG/G) (34840)	COBALT BOT MAT <63U WS FIELD (UG/G) (34845)	COPPER BOT MAT <63U WS FIELD (UG/G) (34850)	EURO- PIUM BOT MAT <63U WS FIELD (UG/G) (34855)	GALLIUM BOT MAT <63U WS FIELD (UG/G) (34860)
JUL 28... 29...	-- 6.6	-- .9	-- 13	-- 1100	-- 2.4	-- <1	-- 1.3	-- 49	-- 130	-- 14	-- 29	-- 1	-- 16
Date	GOLD BOT MAT <63U WS FIELD (UG/G) (34870)	HOLMIUM BOT MAT <63U WS FIELD (UG/G) (34875)	IRON BOT MAT <63U WS FIELD PERCENT (34880)	LANTHA- NUM BOT MAT <63U WS FIELD (UG/G) (34885)	LEAD BOT MAT <63U WS FIELD (UG/G) (34890)	LITHIUM BOT MAT <63U WS FIELD (UG/G) (34895)	MANGA- NESE BOT MAT <63U WS FIELD (UG/G) (34905)	MERCURY BOT MAT <63U WS FIELD (UG/G) (34910)	MOLYB- DENUM BOT MAT <63U WS FIELD (UG/G) (34915)	NEODYM- IUM BOT MAT <63U WS FIELD (UG/G) (34920)	NICKEL BOT MAT <63U WS FIELD (UG/G) (34925)	NIObIUM BOT MAT <63U WS FIELD (UG/G) (34930)	SCAN- DIUM BOT MAT <63U WS FIELD (UG/G) (34945)
JUL 28... 29...	-- <1	-- <1	-- 3.7	-- 26	-- 50	-- 58	-- 530	-- .13	-- .8	-- 25	-- 50	-- 9	-- 15
Date	SELE- NIUM BOT MAT <63U WS FIELD (UG/G) (34950)	SILVER BOT MAT <63U WS FIELD (UG/G) (34955)	STRON- TIUM BOT MAT <63U WS FIELD (UG/G) (34965)	TANTA- LUM BOT MAT <63U WS FIELD (UG/G) (34975)	THAL- LIUM BED MAT D SIEVE <63 U TOTAL (UG/G) (04064)	THORIUM BOT MAT <63U WS FIELD (UG/G) (34980)	TIN BOT MAT <63U WS FIELD (UG/G) (34985)	TITA- NIUM, SED, BM DRY WGT REC PERCENT (49274)	VANA- DIUM BOT MAT <63U WS FIELD (UG/G) (35005)	YTTER- BIUM BOT MAT <63U WS FIELD (UG/G) (35015)	YTTRIUM BOT MAT <63U WS FIELD (UG/G) (35010)	ZINC BOT MAT <63U WS FIELD (UG/G) (35020)	URANIUM BOT MAT <63U WS FIELD (UG/G) (35000)
JUL 28... 29...	-- 2.2	-- .2	-- 120	-- <1	-- <1	-- 10	-- 3	-- .220	-- 130	-- 2	-- 20	-- 330	-- 3.1

