ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

NORTHWEST ALASKA

15619800 -- GOLDBOTTOM CREEK NEAR NOME

Date	Time	Medium code	Sample type	Stream width, feet (00004)	Instantaneous discharge, cfs (00061)	Sampling method, code (82398)	Sampler type, code (84164)	Type of sample related QA data, code (99111)	Specif. conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Temperature, water, deg C (00010)	Turbidity, wat unf lab, Hach 2100AN NTU (99872)	Barometric pressure, mm Hg (00025)
MAY													
27...	1415	9	9	15.2	17	--	--	--	109	7.0	.7	--	733
JUN													
22...	1040	9	9	13.0	4.9	10	3044	10	281	8.1	8.0	4	--
23...	1730	H	9	--	--	--	--	--	250	8.0	7.5	--	745
SEP													
01...	1540	9	9	6.30	3.0	10	3044	--	331	8.1	10.1	<2	744

Date	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	E coli, m-TEC MF, water, col/ 100 mL (31633)	Hardness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Sodium, water, fltrd, mg/L (00930)	Potassium, water, fltrd, mg/L (00935)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Carbonate, wat flt incrm. titr., field, mg/L (00452)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Alkalinity, wat flt fxd end field, mg/L as CaCO3 (39036)	Sulfate water, fltrd, mg/L (00945)
MAY													
27...	12.8	93	--	--	--	--	--	--	--	--	--	--	--
JUN													
22...	--	--	E1	150	47.5	6.59	1.60	.24	--	--	--	--	25.8
23...	11.4	97	--	--	--	--	--	--	--	--	--	--	--
SEP													
01...	11.6	106	E2	190	61.3	8.29	1.74	.20	176	.0	145	140	30.0

Date	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Residue on evap. at 180degC wat flt mg/L (70300)	Residue water, fltrd, sum of constituents mg/L (70301)	Aluminum, water, fltrd, ug/L (01106)	Antimony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryllium, water, fltrd, ug/L (01010)	Cadmium water, fltrd, ug/L (01025)	Chromium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)
MAY													
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
22...	1.72	<.17	5.32	157	160	8.7	3.0	7.6	12.4	<.06	<.04	<.8	.191
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
01...	1.61	<.17	6.09	196	196	3.1	2.4	5.6	15.4	<.06	<.04	<.8	.206

Date	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Manganese, water, fltrd, ug/L (01056)	Mercury water, fltrd, ug/L (71890)	Molybdenum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Silver, water, fltrd, ug/L (01075)	Zinc, water, fltrd, ug/L (01090)	Uranium natural water, fltrd, ug/L (22703)	Cyanide water, fltrd, mg/L (00723)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)
MAY													
27...	--	--	--	--	--	--	--	--	--	--	--	30	1.4
JUN													
22...	.6	E5.7	<.08	7.3	E.015	<.4	1.18	<.20	.8	.54	<.01	14	.19
23...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP													
01...	.5	<6.4	<.08	8.9	<.020	<.4	1.14	<.20	E.5	.67	<.01	1	.01

Date	Suspnd. sediment, sieve diametr percent <.063mm (70331)	Aluminum, bed sed <62.5um wet svd fld,tot percent (34790)	Antimony, bed sed <62.5um wet svd fld,tot ug/g (34795)	Arsenic bed sed <62.5um wet svd field, total, ug/g (34800)	Barium, bed sed <62.5um wet svd field, total, ug/g (34805)	Beryllium, bed sed <62.5um wet svd fld,tot ug/g (34810)	Bismuth bed sed <177um wet svd field, total, ug/g (34816)	Cadmium bed sed <62.5um wet svd field, total, ug/g (34825)	Chromium, bed sed <62.5um wet svd fld,tot ug/g (34840)	Copper, bed sed <62.5um wet svd field, total, ug/g (34850)	Calcium bed sed <62.5um wet svd field, total, percent (34830)	Cobalt, bed sed <62.5um wet svd field, total, ug/g (34845)	Cerium, bed sed <62.5um wet svd field, total, ug/g (34835)
MAY													
27...	60	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
22...	88	--	--	--	--	--	--	--	--	--	--	--	--
23...	--	8	43	400	810	2.5	<1	.41	97	40	1.4	24	77
SEP													
01...	--	--	--	--	--	--	--	--	--	--	--	--	--

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

NORTHWEST ALASKA—Continued

15619800 -- GOLDBOTTOM CREEK NEAR NOME—Continued

Date	Europ-ium, bed sed <62.5um wet svd fld,tot ug/g (34855)	Gold, bed sed <62.5um wet svd field, total, ug/g (34870)	Gallium bed sed <62.5um wet svd field, total, ug/g (34860)	Holmium bed sed <62.5um wet svd field, total, ug/g (34875)	Iron, bed sed <62.5um wet svd field, total, percent (34880)	Lantha-num, bed sed <62.5um wet svd fld,tot ug/g (34885)	Lead, bed sed <62.5um wet svd field, total, ug/g (34890)	Lithium bed sed <62.5um wet svd field, total, ug/g (34895)	Magnes-ium, bed sed <62.5um wet svd fld,tot percent (34900)	Mangan-ese, bed sed <62.5um wet svd fld,tot ug/g (34905)	Mercury bed sed <62.5um wet svd field, total, ug/g (34910)	Molyb-denum, bed sed <62.5um wet svd fld,tot ug/g (34915)	Neodym-ium, bed sed <62.5um wet svd fld,tot ug/g (34920)
MAY													
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
23...	2.2	<1	19	1.4	5.3	39	24	42	1.4	800	.04	.88	40
SEP													
01...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	Nickel, bed sed <62.5um wet svd field, total, ug/g (34925)	Niobium bed sed <62.5um wet svd field, total, ug/g (34930)	Phos-phorus, bed sed <62.5um wet svd fld,tot percent (34935)	Scand-ium, bed sed <62.5um wet svd fld,tot ug/g (34945)	Selen-ium, bed sed <62.5um wet svd fld,tot ug/g (34950)	Silver, bed sed <62.5um wet svd field, total, ug/g (34955)	Sodium, bed sed <62.5um wet svd field, total, percent (34960)	Stront-ium, bed sed <62.5um wet svd fld,tot ug/g (34965)	Sulfur, bed sed <62.5um wet svd field, total, percent (34970)	Tant-alum, bed sed <62.5um wet svd fld,tot ug/g (34975)	Thorium bed sed <62.5um wet svd field, total, ug/g (34980)	Tin, bed sed <62.5um wet svd field, total, ug/g (34985)	Titan-ium, bed sed <62.5um wsv nat rec, percent (49274)
MAY													
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN													
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
23...	40	9.8	.11	24	.63	.43	.78	160	.16	<1	14	3.8	.49
SEP													
01...	--	--	--	--	--	--	--	--	--	--	--	--	--

Date	Uranium bed sed <62.5um wet svd field, total, ug/g (35000)	Vanad-ium, bed sed <62.5um wet svd fld,tot ug/g (35005)	Yttrium bed sed <62.5um wet svd field, total, ug/g (35010)	Ytterb-ium, bed sed <62.5um wet svd fld,tot ug/g (35015)	Zinc, bed sed <62.5um wet svd field, total, ug/g (35020)	Organic carbon, bed sed <62.5um wsv nat field percent (49266)	Inorg. carbon, bed sed <62.5um wsv nat field percent (49269)	Total carbon, sedimnt <62.5um wsv nat field percent (49267)	Total carbon, bed sed <2 mm, wsv nat field g/kg (49272)	Inorg. carbon, bed sed <2 mm, wsv nat field g/kg (49270)	Organic carbon, bed sed <2 mm, wsv nat field g/kg (49271)
MAY											
27...	--	--	--	--	--	--	--	--	--	--	--
JUN											
22...	--	--	--	--	--	--	--	--	--	--	--
23...	4	160	35	3.8	130	2.66	.11	2.77	5.9	.73	5.2
SEP											
01...	--	--	--	--	--	--	--	--	--	--	--