

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

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

SOUTH-CENTRAL ALASKA

15294640 -- LAKE FORK CRESCENT RIVER NEAR TUXEDNI BAY

Date	Time	Medium code	Sample type	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Sampling method, code (82398)	Stream width, feet (00004)	Turbidity, wat unflab, Hach 2100AN NTU (99872)	Turbidity, IR LED 90 deg, FNU (63680)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	
OCT	23...	1545	9	9	--	741	20	189	20	--	--	--	7.1	
JUL	02...	1245	9	9	2.40	2140	10	149	--	16.3	749	13.0	116	6.3
	29...	1130	9	9	2.74	2860	20	156	--	16.3	747	12.3	109	6.0
AUG	18...	1200	9	9	--	1380	20	150	13	4.00	754	9.8	94	6.2
SEP	13...	1225	9	9	--	560	20	153	--	--	739	10.8	97	6.0
	13...	1230	H	9	--	--	--	--	--	--	--	--	--	--
Date	Specif. conductance, wat unflab, uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO3 (00900)	Calcium, water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Calcium bed sed <62.5um wet svd field, total, percent (34830)	Magnesium bed sed <62.5um wet svd field, total, percent (34900)	Sodium bed sed <62.5um wet svd field, total, percent (34960)	Alkalinity, wat flt fxd end, mg/L as CaCO3 (39036)	Alkalinity, wat flt inc tit, mg/L as CaCO3 (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	
OCT	23...	25	5.0	9	3.32	.189	.54	.83	--	--	--	--	8	10
JUL	02...	31	9.6	9	3.35	.168	.41	.71	--	--	--	8.0	8	10
	29...	28	9.1	9	3.15	.155	.45	.70	--	--	--	8.0	8	10
AUG	18...	25	13.2	9	3.17	.158	.53	.55	--	--	--	9.0	8	10
SEP	13...	24	9.5	9	3.27	.164	.47	.60	--	--	--	9.0	8	10
	13...	--	--	--	--	--	--	5.6	3.2	1.1	--	--	--	--
Date	Carbonate, wat flt incrm. titr., field, mg/L (00452)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, fltrd, mg/L (00955)	Sulfate, fltrd, mg/L (00945)	Sulfur, bed sed <62.5um wet svd field, total, percent (34970)	Residue water, fltrd, sum of constituents, mg/L (70301)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd, mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	
OCT	23...	.0	.33	<.17	4.62	1.77	--	17	25	<.1	E.06	<.010	.157	E.001
JUL	02...	.0	.47	<.17	4.42	1.89	--	17	15	<.1	E.05	E.005	.154	<.002
	29...	.0	.38	<.17	3.94	1.74	--	16	26	<.1	<.1	E.007	.126	<.002
AUG	18...	.0	.54	<.17	3.72	1.29	--	15	17	<.1	<.1	E.005	.092	E.001
SEP	13...	.0	.32	<.17	3.95	1.81	--	16	17	<.1	<.1	E.006	.094	E.001
	13...	--	--	--	--	<.05	--	--	--	--	--	--	--	--
Date	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd, mg/L (00665)	Phosphorus, bed sed <62.5um wet svd fld, tot percent (34935)	Organic carbon, water, fltrd, mg/L (00681)	Total carbon, sedimnt <62.5um wsv nat field percent (49267)	Inorg. carbon, bed sed <62.5um wsv nat field percent (49269)	Organic carbon, bed sed <62.5um wsv nat field percent (49266)	Iron, water, fltrd, ug/L (01046)	Manganese, water, fltrd, ug/L (01056)	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)	
OCT	23...	<.006	<.004	.045	--	.4	--	--	64.7	1.9	--	--	--	
JUL	02...	<.006	<.004	.017	--	.3	--	--	19.0	3.1	--	--	--	
	29...	<.006	<.004	.017	--	.3	--	--	19.9	2.4	--	--	--	
AUG	18...	<.006	<.004	.015	--	--	--	--	23.8	1.6	--	--	--	
SEP	13...	<.006	<.004	E.009	--	.4	--	--	18.3	1.4	--	--	--	
	13...	--	--	--	.12	--	3	.01	2.99	--	7.5	.53	9	

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS SITES

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

SOUTH-CENTRAL ALASKA—Continued

15294640 -- LAKE FORK CRESCENT RIVER NEAR TUXEDNI BAY—Continued

Date	Barium, bed sed <62.5um wet svd fld,tot ug/g (34805)	Beryll- ium, bed sed <62.5um wet svd fld,tot ug/g (34810)	Bismuth bed sed <177um wet svd fld,tot ug/g (34816)	Cadmium bed sed <62.5um wet svd fld,tot ug/g (34825)	Cerium, bed sed <62.5um wet svd fld,tot ug/g (34835)	Chrom- ium, bed sed <62.5um wet svd fld,tot ug/g (34840)	Cobalt, bed sed <62.5um wet svd fld,tot ug/g (34845)	Copper, bed sed <62.5um wet svd fld,tot ug/g (34850)	Europ- ium, bed sed <62.5um wet svd fld,tot ug/g (34855)	Gallium bed sed <62.5um wet svd fld,tot ug/g (34860)	Gold, bed sed <62.5um wet svd fld,tot ug/g (34870)	Holmium bed sed <62.5um wet svd fld,tot ug/g (34875)	Iron, bed sed <62.5um wet svd fld,tot ug/g percent (34880)
OCT 23...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 02...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 29...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 18...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP 13...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP 13...	400	.49	<1	.21	30	43	31	110	1.2	17	<1	1.4	7.9
Date	Lantha- num, bed sed <62.5um wet svd fld,tot ug/g (34885)	Lead, bed sed <62.5um wet svd fld,tot ug/g (34890)	Lithium bed sed <62.5um wet svd fld,tot ug/g (34895)	Mangan- ese, bed sed <62.5um wet svd fld,tot ug/g (34905)	Mercury bed sed <62.5um wet svd fld,tot 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)	Nickel, bed sed <62.5um wet svd fld,tot ug/g (34925)	Niobium bed sed <62.5um wet svd fld,tot ug/g (34930)	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 fld,tot ug/g (34955)	Stront- ium, bed sed <62.5um wet svd fld,tot ug/g (34965)
OCT 23...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 02...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 29...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 18...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP 13...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP 13...	13	7.9	16	1600	.04	.91	20	19	7.7	49	.16	.34	180
Date	Tant- alum, bed sed <62.5um wet svd fld,tot ug/g (34975)	Thorium bed sed <62.5um wet svd fld,tot ug/g (34980)	Tin, bed sed <62.5um wet svd fld,tot ug/g (34985)	Titan- ium, bed sed <62.5um wsv nat rec, percent (49274)	Vanad- ium, bed sed <62.5um wet svd fld,tot ug/g (35005)	Ytterb- ium, bed sed <62.5um wet svd fld,tot ug/g (35015)	Yttrium bed sed <62.5um wet svd fld,tot ug/g (35010)	Zinc, bed sed <62.5um wet svd fld,tot ug/g (35020)	Uranium bed sed <62.5um wet svd fld,tot ug/g (35000)	Sus- pended sedi- ment concen- tration mg/L (80154)	Sus- pended sedi- ment dis- charge, tons/d (80155)	Sampler type, code (84164)	Type of sample related QA data, code (99111)
OCT 23...	--	--	--	--	--	--	--	--	--	10	20	3045	10
JUL 02...	--	--	--	--	--	--	--	--	--	13	75	3045	1
JUL 29...	--	--	--	--	--	--	--	--	--	12	93	3045	30
AUG 18...	--	--	--	--	--	--	--	--	--	11	41	3045	1
SEP 13...	--	--	--	--	--	--	--	--	--	8	12	3045	1
SEP 13...	<1	5.6	1.9	.7	320	4.2	33	120	2.9	--	--	--	--