

Appendix 3. Physical characteristics of sample streams.

Stream name	Region	Station ID	Date	Bedrock (%)	Boulder (%)	Cobble (%)	Gravel (%)	Sand (%)	Silt (%)	Clay (%)	Discharge (cfs)	Channel slope (%)	Rosgen stream class	USFS channel type	Water color
Bear Creek	Admiralty Island	aibea01	05-15-2003		15	60	15	10			44.61	1	F3	LC1	stained
Doty's Creek	Admiralty Island	aidcc01	05-16-2003		10	60	25	5			10.42	1.5	C3	LC1	stained
NNT to East Young Bay	Admiralty Island	aieyb01	05-15-2003			10	80	10			17.80	0.75	C4	FP3	stained
NNT to Green Cove	Admiralty Island	aigcc01	05-16-2003		15	55	30				7.79	2.5	B3	FP3	stained
NNT to West Young Bay	Admiralty Island	aiwyb01	05-15-2003		10	70	15	5			18.44	4	B3	FP4	stained
North Fork Michael Creek	Admiralty Island	ainfm02	05-07-2002		70	25	5				10.22	2.5	B2	MC2	clear
South Fork Michael Creek	Admiralty Island	aisfm01	05-07-2002		65	25	10				4.84	4	B2	MM1	clear
Stink Creek	Admiralty Island	aisti01	05-15-2003			45	50	5			29.25	1.5	C4	FP3	stained
Howard Bay Creek	Couverden	coh301	05-11-2004	25	1	24	50				9.03	2	B4	MC2	clear
NNT (2 miles N of Robinson Creek) to W Lynn Canal	Couverden	cowc301	05-10-2004	1	10	48	40	1			13.48	3	B3	HC3	clear
NNT (Dick's Creek) to Swanson Harbor	Couverden	cosco01	05-11-2004	7	10	26	55	2			2.68	2.5	B4	LC1	stained
NNT (NW Howard Bay Creek) to Howard Bay	Couverden	coh201	05-11-2004	15	7	20	58				21.20	4	A4	MC2	clear
NNT (South Golub Creek) to W Lynn Canal	Couverden	cohic01	05-10-2004	30	10	35	20	5			74.20	3	B3	LC1	clear
NNT (South Lynn Sisters Creek) to W Lynn Canal	Couverden	conwc01	05-10-2004		15	45	39	1			13.30	5	A4	HC3	clear
NNT (West Howard Bay Creek) to Howard Bay	Couverden	coh101	05-11-2004		7	15	76	2			20.20	2	B4	MC2	clear
Point Howard Creek	Couverden	coh401	05-11-2004		1	25	73	1			85.00	2.5	B4	LC1	clear
Duck Creek	Juneau	juduc01	05-08-2002		2	3	30	10	55		0.12	0.5		FP3	slightly turbid
Duck Creek	Juneau	juduc01	05-13-2004			9	40	1	50		0.50	1		FP3	turbid
Fish Creek	Juneau	jufis01	05-06-2002		50	30	10	10			22.78	2	B2	LC2	clear
Jordan Creek	Juneau	jujor01	05-13-2003				10	70	20		0.86	0.5	C5	PA1	clear
Lake Creek	Juneau	julak01	05-15-2004		15	55	30				15.63	3	B3	MC2	clear
McGinnis Creek	Juneau	jumcg01	05-05-2002		30	60	10				14.11	1.5	B3	FP4	clear
McGinnis Creek	Juneau	jumcg01	05-14-2003		5	60	25	10			43.76	2	G3	FP4	clear
McGinnis Creek	Juneau	jumcg01	05-13-2004		1	48	50	1			74.55	3	B4	FP4	clear
Montana Creek	Juneau	jumon01	05-05-2002		30	60	10				11.34	2	B3	MM2	clear
Montana Creek	Juneau	jumon01	05-14-2003		5	70	22	3			18.96	1.5	B/C3	MM2	clear
Montana Creek	Juneau	jumon01	05-13-2004		5	44	50	1			18.42	2	C4	MM2	clear

NNT (1 mile NE of Benjamin Island) to E Lynn Canal	Juneau	juben01	05-03-2002	60	10	15	15				0.58	20	A1	HC5	clear
NNT to Sawmill Creek	Juneau	jusmt01	05-03-2002		30	50	20				1.90	3	B3	MC1	stained
NNT to South Bridget Cove	Juneau	jusbc01	05-03-2002			60	30	10			1.47	2	B3	MC2	stained
NNT to West Mendenhall Lake	Juneau	jumlt01	05-05-2002		50	40	10				44.62	4	B2	MC1	clear
Pederson Hill Creek	Juneau	juped01	05-05-2002		2	5	73	20			10.43	1.5	C4	PA1	clear
Peterson Creek	Juneau	jupet01	05-06-2002				60	40			17.90	0.5	C4	FP3	clear
Peterson Creek, tributary 1	Juneau	ju1tr01	05-06-2002		5	50	40	5			7.80	4.5	G3	MC1	clear
Salmon Creek	Juneau	jusal01	05-14-2004	1	10	40	44	5			18.45	2	B4	MM2	clear
Sawmill Creek	Juneau	jusaw01	05-03-2002		5	77	15	3			10.22	1	B3	MC2	clear
Steep Creek	Juneau	juste01	05-15-2004		2	25	68	5			4.84	3	B4	FP3	clear
Vanderbilt Creek	Juneau	juvan01	05-13-2003			5	40	35	20		29.26	0.5	C4	FP3	clear
Gunnuk Creek	Kake	kagun01	05-04-2004	25	10	34	30	1			9.04	1.5	B3	LC2	stained
NNT to the Hamilton River	Kake	kathr03	05-05-2004	35	5	25	35				13.49	4	B1	MC1	stained
Point Macartney Creek	Kake	kaptm01	05-04-2004	2	4	12	80	2			2.69	1	C4	LC2	clear
Point White Creek	Kake	kaptw01	05-04-2004	5	10	40	42	1	2		21.30	4	B4	MC1	clear
Sitkum Creek	Kake	kasit01	05-05-2004		2	23	70	5			74.30	2.5	C4	FP4	stained
Slo Duc Creek	Kake	kaslo01	05-05-2004	5	5	38	50	1	1		13.40	2	B4	FP4	stained
Fairy Chasm Creek	Ketchikan	kefac01	05-01-2002			60	40				20.30	2	C3	MM1	slightly turbid
Hoadley Creek	Ketchikan	kehoa01	05-01-2002		30	60	10				12.13	2.5	A3	MM1	clear
Ketchikan Creek	Ketchikan	keket01	05-01-2002			50	45	5			61.18	0.9	C3	FP5	clear
Lunch Creek	Ketchikan	kelun01	04-30-2002		35	25	5	35			30.74	1	B2	MC1	stained
Schoenbar (Laskawanda) Creek	Ketchikan	kesch01	05-01-2002	5	55	40					5.53	2.5	B2	MM1	clear
Ward Creek	Ketchikan	kewar01	04-30-2002			40	50	10			151.32	0.9	C4	FP5	stained
Whipple Creek	Ketchikan	kewhi01	05-01-2002		20	70	10				31.24	1	B3	FP3	stained
City Creek	Petersburg	pewsc01	05-03-2004		40	20	25	15			21.02	2.5	B2	MM1	stained slightly
Dump Creek	Petersburg	pedum01	05-09-2003		60	35	5				0.05	8	A2	MM1	clear
East Fork Hobo Creek	Petersburg	peefh01	05-10-2003		20	60	5	15			0.92	3	A3	MC1	clear
Falls Creek	Petersburg	pefal01	05-10-2003		2	28	40	30			8.25	1.5	C4	FP4	clear
NNT (0.3 miles E of Hobo Creek) to Frederick Sound	Petersburg	pefre01	05-08-2003			40	50	8	2		12.49	5	B3	MM1	stained
NNT (3 Lakes Cut) to Dry Strait	Petersburg	pe3lc01	05-10-2003			40	40	20			0.12	6	A3	HC2	clear
NNT (3 Lakes Uncut) to Dry Strait	Petersburg	pe3lu01	05-10-2003		3	75	20	2			1.39	5	B3	MM1	clear
NNT (Clear Cut Creek) to Sumner Strait	Petersburg	peccc01	05-09-2003	2	40	50	8				0.04	7	A3	HC2	clear

NNT to Petersburg Creek	Petersburg	peest01	05-12-2003		15	75	7	3			1.09	13	A3	HC6	clear
NNT to Sumner Creek	Petersburg	pesfs01	05-09-2003	3	30	60	7				1.27	4	B3	MM1	clear
Old Man Creek	Petersburg	pewn101	05-11-2003	52	20	20	5	3			0.34	2.5	F1	MM1	clear
Skoags Creek	Petersburg	pesko01	05-11-2003	25		10	40	25			0.53	0.5	F4	MC1	clear
South Fork of the South Fork of Sumner Creek	Petersburg	peefm01	05-03-2004		39	35	25	1			5.50	8	A2	HC5	clear
Southeast Fork of Ohmer Creek	Petersburg	peseo01	05-09-2003		50	45	5				3.03	4	A2	FP3	clear
Wilson Creek	Petersburg	pehw701	05-10-2003		40	30	15	15			4.06	7	B2	MM1	clear
Andersen Creek	Prince of Wales I.	pwand01	04-27-2002		5	60	35				77.22	0.4	B3	LC1	stained
Andersen Creek	Prince of Wales I.	pwand01	04-26-2003			50	48	2			103.87	1.5	B3c	LC1	clear
Andersen Creek	Prince of Wales I.	pwand01	04-28-2004		1	47	50	2			97.28	1	C3	LC1	stained
Big Ratz Creek	Prince of Wales I.	pwbra01	04-26-2002		35	50	10	5			59.65	1	B3	LC1	stained
Big Ratz Creek	Prince of Wales I.	pwbra01	05-02-2003		10	80	10				34.82	1	B3	LC1	stained
Cable Creek	Prince of Wales I.	pwcab01	04-22-2002			22	70	8			38.25	0.75	B4	FP4	stained
Chanterelle	Prince of Wales I.	pwcha01	05-07-2004		10	50	30	5	5			2	B3	HC4	clear
Deer Creek	Prince of Wales I.	pwdee01	04-26-2002		10	70	15	5			3.92	2	B3	PA1	stained
Ditch Creek	Prince of Wales I.	pwdit01	05-01-2003		5	20	55	20			0.27	1	C4	MM1	clear
East Fork of the North Fork of the Thorne River	Prince of Wales I.	pwenf01	05-02-2003			5	80	15			30.97	1	C4	FP5	stained
Falls Creek	Prince of Wales I.	pwfal01	04-25-2002	2	45	48	5				9.17	2	B3	MM2	stained
Fubar Creek	Prince of Wales I.	pwfub01	04-22-2002			47	50	3			26.14	1	C4	FP4	stained
Harris River	Prince of Wales I.	pwhar01	04-22-2002	5	5	39	50	1			144.99	0.5	B4	FP5	slightly stained
Lava (Gravelly) Creek	Prince of Wales I.	pwlav01	04-25-2002		50	45	5				30.30	2	B2	FP5	stained
Linkum Creek	Prince of Wales I.	pwlin01	05-01-2004		15	45	40				4.20	3.5	B3	MC3	clear
Little Ratz Creek	Prince of Wales I.	pwlra01	04-26-2002		50	25	15	10			13.05	1.5	B2	FP4	stained
Little Ratz Creek	Prince of Wales I.	pwlra01	05-02-2003		15	50	25	10			10.55	1	B3	FP4	stained
Luck Creek	Prince of Wales I.	pwluc01	05-02-2003			10	75	15			51.38	1	C4	FP5	clear
Maybeso Creek	Prince of Wales I.	pwmbso01	04-22-2002			50	50				74.22	2.5	C3	FP5	slightly stained
McGillvery Creek	Prince of Wales I.	pwmcg01	04-26-2003		<1	5	90	5			88.45	1	C4	FP5	clear
McGillvery Creek	Prince of Wales I.	pwmcg01	04-27-2004			50	48	2			82.90	1	C3	FP5	clear
Naukati Creek	Prince of Wales I.	pwnau01	04-24-2002	40	30	20	10				37.07	1.5	B2	FP4	stained
Newlunberry Creek	Prince of Wales I.	pwnew01	04-23-2002	5	40	45	10				6.86	2.5	B3	MC1	stained
Newlunberry Creek	Prince of Wales I.	pwnew01	05-01-2003	2	45	35	18				0.75	2	G2	MC1	stained
Newlunberry Creek	Prince of Wales I.	pwnew01	05-01-2004	5	15	50	30				1.00	2	B3	MC1	stained
NNT (Leighton Creek) to Saltry Cove	Prince of Wales I.	pwlei01	04-30-2003	5	45	35	15				0.51	7	A2	HC5	stained
NNT to Cholmondeley Sound	Prince of Wales I.	pwncs01	04-29-2003	10	35	45	10				0.08	4	B3	MM1	clear

NNT to Clover Bay	Prince of Wales I.	pwncb01	04-29-2003		70	25	5				17.98	3.5	B2	LC2	stained
NNT to lower Karta River	Prince of Wales I.	pwlkt01	04-28-2002	2	20	36	36	6			12.42	1.5	C3	FP4	stained
NNT to lower Karta River	Prince of Wales I.	pwlkt01	04-27-2003	15	15	25	30	15			5.51	1.25	C3	FP4	clear
NNT to lower Karta River	Prince of Wales I.	pwlkt01	04-26-2004		10	50	38	2			25.80	1.5	C3b	FP4	stained
NNT to NW end of Salmon Lake	Prince of Wales I.	pwslt01	04-27-2002		2	48	50				2.73	2	C4	MM1	stained
NNT to NW end of Salmon Lake	Prince of Wales I.	pwslt01	04-26-2003			5	80	15			0.48	1.75	C3	MM1	stained
NNT to NW end of Salmon Lake	Prince of Wales I.	pwslt01	04-28-2004			40	54	5	1		1.10	2	C3	MM1	stained
NNT to South side of Salmom Lake	Prince of Wales I.	pwssl01	04-26-2003		30	60	10				3.63	6	A3	MC1	clear
NNT to South side of Salmom Lake	Prince of Wales I.	pwssl01	04-27-2004		20	50	28	2			5.20	3.5	A3	MC1	clear
Old Tom Creek	Prince of Wales I.	pwtom01	04-30-2003		5	50	40	5			18.61	0.5	B3	FP4	clear
Paul Young Creek	Prince of Wales I.	pwpau01	04-26-2004		25	69	5	1			48.60	2	B3	LC2	clear
Piggyback Creek	Prince of Wales I.	pwpig01	04-28-2002		55	30	12	3			78.55	1	B2	FP5	stained
Piggyback Creek	Prince of Wales I.	pwpig01	04-27-2003	50	35	10	5				20.14	3	A1	FP5	clear
Piggyback Creek	Prince of Wales I.	pwpig01	04-28-2004	50	20	20	10				19.80	4	A1	FP5	stained
Poor Man (Label) Creek	Prince of Wales I.	pwpoo01	04-26-2004	15	25	30	30				7.20	2.5	A3	FP3	stained
Rio Beaver	Prince of Wales I.	pwrrib01	04-23-2002	5	20	50	20	5			40.86	2	B3	LC1	stained
Rio Roberts	Prince of Wales I.	pwrir01	04-23-2002	10	60	20	8	2			31.76	2.2	B2	MC2	stained
Sal Creek	Prince of Wales I.	pwsal01	04-26-2002	1		47	50			2	23.32	1	C4	FP4	stained
Sal Creek	Prince of Wales I.	pwsal01	04-29-2004		5	30	55	10			19.20	1	C4	FP4	clear
Scary Creek	Prince of Wales I.	pwsca01	04-30-2004	5	5	50	39	1			5.35	2	C3	MM1	clear
Shaheen Creek	Prince of Wales I.	pwscha01	04-24-2002		60	30	5	5			32.94	1	B2	LC1	stained
Slide Creek	Prince of Wales I.	pwsli01	04-26-2002		30	30	30	10			36.19	1.5	B2	FP5	stained
Son In Hat Creek	Prince of Wales I.	pwsos01	05-01-2004			7	90	3			1.50	4	C4	HC6	clear
Staney Creek	Prince of Wales I.	pwssta01	04-24-2002		45	35	20				130.42	1	B2	FP5	stained
Sunny Creek	Prince of Wales I.	pwsun01	04-28-2003		55	40	5				19.18	1.25	B2	FP4	clear
Upper Shaheen Creek	Prince of Wales I.	pwsush08	04-30-2004	20	7	35	30	8			6.10	7	A3	MC3	clear
West Fork of the North Fork of the Thorne River	Prince of Wales I.	pwswn01	04-25-2002				80	20			30.00	0.5	C4	FP5	stained
Yatuk Creek	Prince of Wales I.	pwyat01	04-24-2002		5	50	40	5			8.17	2	B3	MM2	stained
East Fork of the Indian River	Sitka	siefi01	05-08-2004		10	40	47	3			28.90	2	B4	FP4	clear
Granite Creek	Sitka	sigra01	05-09-2004		10	75	15				5.45	2.5	B3	MM2	clear
Medveje Creek	Sitka	simed01	05-07-2004		50	40	10				16.40	6	A2	MM2	clear
NNT to Herring Cove	Sitka	siher01	05-07-2004		1	38	60	1			4.40	5	B4	MM1	clear
NNT to the Indian River	Sitka	sitir01	05-08-2004		2	35	60	2	1		0.77	2.5	B4	MM1	clear
Sawmill Creek	Sitka	sisaw02	05-07-2004		5	45	50				66.70	2	B3	LC2	clear

Starrigavan Creek	Sitka	sista01	05-09-2004			19	80	1			21.83	2.5	B4	FP4	clear
West Fork of the Indian River	Sitka	siwfi01	05-08-2004		10	30	50	10			33.10	1	B4	FP4	clear
Wrinkleneck Creek	Sitka	siwri01	05-08-2004			5	90	1	4		0.20	1	C4	FP3	turbid
Anan Creek	Wrangell	wrana01	05-07-2003		35	60	5				30.70	4	B3	LC2	stained
Crittenden Creek	Wrangell	wrcrt01	05-06-2003	40	5	40	15				31.10	1.5	C1	LC1	clear
East Fork of Anan Creek	Wrangell	wrefa01	05-07-2003	5	20	40	20	15			38.35	2	C3	FP5	stained
East Fork of Crittenden Creek	Wrangell	wrefc01	05-06-2003	20	25	45	9	1			40.89	3.5	B3	HC6	clear
Glacier Creek	Wrangell	wrgla01	05-06-2003		10	50	30	10			70.07	1	B3	LC1	clear
Marten Creek	Wrangell	wrmar01	05-07-2003		60	20	10	10			58.16	2	B2	FP4	clear
McCormack Creek	Wrangell	wrmcc01	05-05-2003	15	20	50	12	3			4.63	2	G3	MM2	clear
NNT to Bradfield Canal (East of Hoya Creek)	Wrangell	wrunm01	05-07-2003		55	40	5				4.29	2	B2	LC2	clear
NNT to Skip Creek (Cut)	Wrangell	wrskc01	05-05-2003		60	30	8	2			0.18	13	A2	HC2	clear
NNT to Skip Creek (Uncut)	Wrangell	wrskn01	05-05-2003		60	30	10				0.09	14	A2	HC2	clear
Pat Creek	Wrangell	wrpat01	05-05-2003			45	50	5			3.96	1	C4	FP3	clear
Porterfield Creek	Wrangell	wrpor01	05-06-2003			20	65	15			47.94	1	C4	FP4	clear
Tom Creek	Wrangell	wrtom01	05-07-2003		15	35	15	35			135.92	1	B3	FP5	clear