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9.1 Appendix A

Field Data Collected at Intensely Studied Streams

Table A-1. Summary of Blackwood Creek field data collected.

Site	River kilometer	2002 Survey	RGA	Samples	
			Form	Bed	Bank face
62-32	0.00	-	✔	-	-
62-31	0.32	✔	✔	PC	PS
62-30	0.32	✔	✔	PC	PS
62-29	0.33	✔	✔	PC	PS
62-28	1.22	-	-	-	-
62-27	1.22	-	-	-	-
62-26	1.23	-	-	-	-
62-25	1.77	-	✔	PC	PS
62-24	1.77	-	✔	PC	PS
62-23	1.78	-	✔	PC	PS
62-22a	1.97	-	✔	-	-
62-22	2.80	✔	✔	-	PS
62-21	2.80	✔	✔	-	PS
62-20	2.81	✔	✔	-	PS
62-19	3.95	-	✔	PC	PS
62-18	3.95	-	✔	PC	PS
62-17	3.95	-	✔	PC	PS
62-16	4.15	-	✔	PC	PS
62-15	4.15	✔	✔	PC	PS
62-14	4.15	✔	✔	PC	PS
62-13	5.07	✔	✔	PC	PS
62-12	5.08	-	✔	PC	PS
62-11	5.08	-	✔	PC	PS
62-10b	5.55	-	✔	-	-
62-10a	6.03	-	✔	-	-
62-10	6.50	-	✔	-	-
62-09	6.50	✔	✔	-	-
62-08	6.51	✔	✔	PC	PS
62-07a	6.84	-	✔	-	-
62-07	7.17	✔	✔	PC	PS
62-06	7.18	✔	✔	-	-
62-05	7.18	✔	✔	PS, PC	PS, PC
62-04a	7.69	-	✔	-	-
62-04	8.19	✔	✔	PC	-
62-03	8.19	✔	✔	PS	PS
62-02	8.29	-	-	-	-
62-01	8.29	-	✔	-	PS

PC = Particle Count
PS = Particle Size

Table A-2. Summary of Edgewood Creek field data collected.

Site	River kilometer	2002 Survey	RGA	Samples	
			Form	Bed	Bank face
40-28	0.00	-	-	-	-
40-27a	0.20	-	✔	PS	-
40-27	1.20	-	✔	PS	-
40-26	3.09	✔	✔	PS	PS
40-25	3.09	✔	✔	PS	PS
40-24	3.10	✔	✔	PS	PS
40-23	3.83	✔	✔	PS	PS
40-22	3.83	✔	✔	PS	PS
40-21	3.84	✔	✔	PS	PS
40-20	4.95	✔	✔	-	PS
40-19	4.96	✔	✔	-	PS
40-18	4.96	✔	✔	-	PS
40-17	5.22	-	-	-	-
40-16	5.22	-	-	-	-
40-15	5.23	-	-	-	-
40-14	5.62	✔	✔	PS	PS
40-13	5.62	✔	✔	PS	PS
40-12	5.63	✔	✔	PS	PS
40-11	6.40	✔	✔	PS	-
40-10	6.41	✔	✔	PS	-
40-09	6.41	✔	✔	PS	-
40-08	6.22	✔	✔	PS	-
40-07	6.22	✔	✔	PS	-
40-06	6.41	✔	✔	PS	-
40-05	6.42	✔	✔	PS	-
40-04	7.22	✔	-	PS	-
40-03	7.23	✔	✔	PS	-
40-02	7.21	✔	✔	PS	-
40-01	7.22	✔	✔	PS	-

PC = Particle Count
PS = Particle Size

Table A-3. Summary of General Creek field data collected.

Site	River kilometer	2002 Survey	RGA	Samples			BST	
			Form	Bed	Toe	Bank face	Test	Internal bank sample
56-38	0.00	-	-	-	-	-	-	-
56-37	0.01	✔	✔	PS, PC	-	PS	✔	PS
56-36	0.30	✔	✔	PC	-	PS	✔	PS
56-35	0.31	✔	-	-	-	-	-	-
56-34	0.57	✔	✔	PS	-	-	-	PS
56-33	0.70	✔	-	-	-	-	-	-
56-32	0.71	✔	✔	PC	-	-	-	PS
56-31	0.71	✔	-	-	-	PS, PC	-	-
56-30	0.89	✔	✔	PS, PC	-	PS	✔	PS
56-29	0.95	✔	✔	PC	PC	PS	✔	PS
56-28	1.17	✔	✔	PC	-	PS	-	PS
56-27	1.54	✔	✔	PS, PC	-	PS	-	PS
56-26	1.93	✔	✔	PS, PC	-	PC	✔	PS
56-25	1.94	✔	-	-	-	-	-	-
56-24	1.94	✔	✔	PS, PC	-	PS	-	PS
56-23	2.20	✔	✔	PC	-	PC	✔	PS
56-22	2.49	✔	✔	-	-	-	-	-
56-21	2.58	✔	✔	PS, PC	Boulders	Boulders	✔	-
56-20	2.97	✔	✔	PC	Boulders	PS, PC	-	PS
56-19	3.25	✔	✔	PC	PS	PS, PC	✔	PS
56-18	3.59	✔	✔	PC	PC	-	-	PS
56-17	3.60	✔	✔	PS, PC	PS, PC	PS	✔	PS
56-16	3.62	✔	✔	PS, PC	-	-	-	PS
56-14	4.21	✔	✔	PC	-	PS, PC	✔	PS
56-12	4.73	✔	✔	PC	-	PS	✔	PS
56-11	5.05	✔	✔	PS, PC	-	-	-	PS
56-10	5.24	✔	-	-	-	-	-	-
56-09	5.25	✔	✔	PC	-	PS, PC	-	-
56-08	5.33	✔	✔	PC	-	-	-	-
56-07	5.61	✔	✔	-	-	PS	-	-
56-06	5.90	✔	✔	PS, PC	-	PS	✔	PS
56-05	6.06	✔	✔	PC	-	PS	✔	PS
56-04	6.39	✔	-	-	-	-	-	-
56-03	6.50	✔	✔	PC	PS, PC	PC	✔	PS
56-02	6.66	✔	✔	PS, PC	PC	PS, PC	-	-
56-01	6.80	✔	✔	PC	PC	PS, PC	-	-
GC-45	8.08	✔	✔	PS, PC	-	-	-	-
GC-35	9.23	✔	-	-	-	-	-	-

PC = Particle Count
PS = Particle Size

Table A-4. Summary of Incline Creek field data collected.

Site	River kilometer	2002 Survey	RGA	Samples			BST	
			Form	Bed	Toe	Bank face	Test	Internal bank sample
19-40	0.00	-	-	-	-	-	-	-
19-39	0.05	✔	✔	-	-	PS	✔	PS
19-38	0.16	✔	✔	PS, PC	-	PS	-	PS
19-37	0.21	✔	✔	PS, PC	-	-	-	PS
19-36	0.26	✔	✔	PS	-	-	-	PS
19-35	0.40	✔	✔	PC	-	-	-	PS
19-34	0.57	✔	✔	PS, PC	-	-	-	PS
19-33	0.72	✔	✔	PS, PC	-	-	✔	PS
19-32	0.85	✔	✔	PS, PC	-	PS	✔	PS
19-31	1.08	✔	✔	PS, PC	-	PS	✔	PS
19-30	1.11	✔	-	-	-	-	-	-
19-29	1.22	✔	✔	PS, PC	Grass Covered	Grass Covered	-	Golf Course
19-28	1.32	✔	✔	PC	-	PS	-	-
19-27	1.55	✔	✔	PS, PC	No Toe	PS	-	PS
19-26	1.61	✔	✔	PS, PC	No Toe	No bank	-	No bank
19-25	1.77	✔	✔	PS, PC	-	PS, PC	-	PS
19-24	1.90	✔	✔	PS, PC	Boulders	Boulders	-	PS
19-23	2.06	✔	✔	PS, PC	-	PS	-	PS
19-22	2.17	✔	✔	PC	-	PS	-	PS
19-21	2.41	✔	✔	PS	Boulders	PS	-	PS
19-20	2.97	✔	-	-	-	-	-	-
19-19	3.05	✔	✔	PS, PC	-	PS	-	PS
19-18	3.40	✔	✔	PS	-	-	-	PS
19-17	3.42	✔	✔	PS, PC	-	-	-	PS
19-16	3.53	✔	✔	PS	-	-	-	-
19-15	3.54	✔	✔	Boulders	-	PS	-	PS
19-14	3.78	✔	✔	PS, PC	-	PS	-	PS
19-13	4.05	✔	✔	PC	-	PS	-	PS
19-12	4.22	✔	✔	PS, PC	-	PS	-	PS
19-11	4.34	✔	✔	PC	-	PS	-	PS
19-10	4.53	✔	✔	PC	Boulders	PS	✔	PS
19-09	4.64	✔	✔	PS, PC	-	PS	-	PS
19-08	4.81	✔	✔	PC	Boulders	PS	-	PS
19-07	4.97	✔	-	PS, PC	-	PS, PC	-	-
19-06	5.04	✔	✔	PS, PC	Boulders	PS, PC	-	PS
19-05	5.22	✔	✔	PC	Boulders	PS	✔	PS
19-04	5.39	✔	✔	PS, PC	Boulders	Boulders	-	PS
19-03	5.44	✔	✔	PS, PC	No Toe	Roots	-	Roots
19-02	5.61	✔	✔	PS, PC	No Toe	Grass covered	✔	PS
19-01	5.69	✔	✔	PS, PC	-	-	-	PS

PC = Particle Count
PS = Particle Size

Table A-5. Summary of Logan House Creek field data collected.

Site	River kilometer	2002 Survey	RGA Form	Samples Bed
31-25	0.00	-	-	-
31-24	0.07	✔	-	-
31-23	0.23	✔	-	-
31-22	0.26	✔	-	-
31-21	0.41	✔	-	-
31-20	0.55	✔	-	-
31-19	0.66	-	-	-
31-18	0.66	✔	-	-
31-17	0.67	✔	-	-
31-16	0.92	-	-	-
31-15	0.97	✔	-	-
31-14	0.97	✔	-	-
31-13	0.98	✔	-	-
31-12	1.03	-	-	-
31-11	1.20	✔	✔	PS
31-10	1.21	✔	✔	PS
31-09	1.70	✔	✔	PS
31-08	1.71	✔	✔	PS
31-07	2.55	✔	✔	-
31-06	2.55	✔ [1]	✔	-
31-05	3.02	✔ [1]	✔	PS
31-04	3.03	✔	✔	PS
31-03	3.93	✔	✔	-
31-02	3.93	✔	✔	-
31-01	3.94	✔	✔	-

[1]Not exact match--actual historic pins missing
PC = Particle Count
PS = Particle Size

Table A-6. Summary of the Upper Truckee River field data collected.

Site	River kilometer	2002 Survey	RGA	Samples			Jet test			BST	
			Form	Bed	Toe	Bank face	Bed	Toe	Bank face	Test	Internal bank sample
44-119	0.00	-	-	-	-	-	-	-	-	-	-
44-110	1.558	-	✔	PS, PC	-	-	-	-	-	✔	PS
44-103	2.256	-	✔	PS, PC	-	PS	-	-	-	-	PS
44-92	2.941	-	✔	PS	PS	-	✔	✔	✔	✔	PS
44-87	4.511	-	✔	PS	Undercut	PS	-	-	-	✔	PS
44-85	5.055	-	✔	PS	-	PS	✔	✔	✔	✔	PS
44-82	5.837	-	✔	PS	PC	PC	-	-	-	-	-
44-78	7.137	-	✔	PS	PS	PS	-	-	-	✔	PS
44-75	8.455	-	✔	PS	PS	PS	-	✔	✔	✔	PS
44-72	10.037	-	✔	PS, PC	PS	PS	-	-	-	-	-
44-70	10.722	✔	-	-	-	-	-	-	-	-	-
44-69	10.751	✔	-	-	-	-	-	-	-	-	-
44-68	10.838	✔	✔	PS	PS	PS	-	✔	-	✔	PS
44-67	11.207	✔	✔	PC	PC	PS	-	-	-	-	-
44-62	11.674	✔	-	-	-	-	-	-	-	-	-
44-59	12.070	✔	✔	PS, PC	-	PS, PC	-	-	-	-	-
44-50	12.727	✔	-	-	-	-	-	-	-	-	-
44-43	13.146	✔	✔	PC	PS	PS	-	✔	✔	✔	PS
44-39	13.519	✔	✔	PC	PS	PS	-	✔	✔	✔	PS
44-30	14.071	✔	✔	PC	-	PS, PC	-	-	-	-	-
44-28	14.322	✔	-	-	-	-	-	-	-	-	-
44-27	14.753	✔	-	-	-	-	-	-	-	-	-
44-26	14.768	✔	✔	PC	PS	PS	-	-	✔	✔	PS
44-25	14.783	✔	-	-	-	-	-	-	-	-	-
44-24	15.277	✔	✔	PC	PC	PS	-	-	-	-	-
44-23	15.625	✔	-	-	-	-	-	-	-	-	-
44-22	15.870	✔	✔	PC	PS	PS	-	-	-	-	-
44-21a	16.40	-	✔	PS, PC	-	-	-	-	-	-	-
44-21	16.898	✔	✔	PC	-	PS	-	-	-	-	-
44-20	17.779	✔	✔	PC	PS	PS	-	✔	✔	✔	PS
44-19	17.999	✔	✔	PC	-	-	-	-	-	-	-
44-18	18.339	✔	-	-	-	-	-	-	-	-	-
44-17	18.573	✔	✔	PC	PC	PS	-	-	-	-	-
44-16	19.261	✔	✔	PC	PS	PS	-	-	-	-	-
44-15	19.940	✔	✔	PS, PC	-	PS	-	✔	-	✔	PS
44-14	20.136	✔	-	-	-	-	-	-	-	-	-
44-13	20.266	✔	-	-	-	-	-	-	-	-	-
44-12	20.749	✔	✔	PS, PC	PS, PC	PS	-	-	✔	✔	PS, PC
44-11	21.369	✔	✔	PS, PC	No Toe	PS	-	-	-	-	-
44-10	21.390	✔	-	-	-	-	-	-	-	-	-
44-09	21.639	✔	-	-	-	-	-	-	-	-	-
44-08	21.769	✔	✔	PC	No Toe	PS, PC	-	-	-	-	-
44-07	21.858	✔	-	-	-	-	-	-	-	-	-
44-06	22.538	✔	✔	PC	PS	PS	-	-	-	-	-
44-05	22.760	✔	-	-	-	-	-	-	-	-	-
44-04	23.009	✔	✔	PC	PS, PC	PS	-	✔	-	✔	PS
44-03	23.350	✔	-	-	-	-	-	-	-	-	-
44-02	23.711	✔	-	-	-	-	-	-	-	-	-
44-01	24.187	✔	✔	PC	No Toe	-	-	-	-	-	-

PC = Particle Count
PS = Particle Size

Table A-8. Summary of Ward Creek field data collected.

Site	River kilometer	2002 Survey	RGA	Samples			BST	
			Form	Bed	Toe	Bank face	Test	Internal bank sample
63-45	0.00	-	-	-	-	-	-	-
63-44	0.09	✔	✔	PC	-	PC	-	-
63-43	0.25	✔	✔	PC	-	-	✔	PS
63-42	0.44	✔	✔	-	-	-	-	-
63-41	0.51	✔	✔	PC	PC	PS, PC	-	-
63-40	0.63	✔	✔	PC	-	PC	-	PS
63-39	0.78	✔	✔	-	-	PC	✔	PS
63-38	0.99	✔	-	-	-	-	-	-
63-37	1.11	✔	✔	PC	-	-	✔	PS
63-36	1.12	✔	✔	Dam	Dam	Dam	-	-
63-35	1.14	✔	✔	PC	-	-	-	-
63-34	1.29	✔	✔	PC	PC	PS, PC	-	-
63-33	1.42	✔	✔	PC	PC	-	✔	PS
63-32	1.55	✔	✔	PC	-	PC	-	-
63-31	1.73	✔	-	-	-	-	-	-
63-30	1.97	✔	✔	PC	PC	Boulders	-	-
63-29	2.08	✔	✔	PC	PC	-	✔	PS
63-28	2.19	✔	-	-	-	-	-	-
63-27	2.28	✔	-	-	-	-	-	-
63-26	2.38	✔	✔	PC	PC	-	✔	PS
63-25	2.64	✔	✔	PC	PC	PC	-	-
63-24	3.01	✔	-	-	-	-	-	-
63-23	3.28	✔	✔	PC	Boulders	PC	-	-
63-22	3.51	✔	✔	PC	-	PC	-	-
63-21	3.64	✔	✔	PC	-	-	✔	PS
63-20	3.86	✔	-	-	-	-	-	-
63-19	4.06	✔	✔	PC	PC	-	✔	PS
63-18	4.25	✔	✔	PC	-	PS	-	-
63-17	4.36	✔	-	-	-	-	-	-
63-16	4.52	✔	✔	PC	Boulders	Boulders	-	-
63-15	4.74	✔	✔	PC	PC	PS	-	PS
63-14	5.12	✔	✔	PC	-	PS	✔	PS
63-13	5.36	✔	✔	PC	PC	PS	-	PS
63-12	5.53	✔	✔	PC	-	PS	✔	PS
63-11	5.80	✔	✔	-	-	PS	-	PS
63-10	5.81	✔	✔	PC	-	-	-	-
63-09	5.87	✔	✔	PC	-	PS, PC	-	-
63-08	5.94	✔	✔	-	PS	PS	-	PS
63-07	6.00	✔	-	-	-	-	-	-
63-06	6.10	✔	✔	PC	-	PC	-	-
63-05	6.17	✔	✔	PC	PS	PS	✔	PS
63-04	6.27	✔	✔	PC	PS	Vegetated	-	PS
63-03	6.42	✔	✔	PC	PC	-	-	PS
63-02	6.45	✔	✔	PC	PC	-	✔	PS
63-01	6.55	✔	✔	PC	PC	PS	✔	PS

PC = Particle Count
PS = Particle Size

9.2 Appendix B

Particle-Size Distribution Tables

Table B-1. Internal bank material particle-size data for General, Incline and Ward Creeks and the Upper Truckee River (UTR).

Stream	Station number	River kilometer	Depth in meters	Bank left or right	Percent grain size in millimeters				Particle sizes in millimeters			
					Boulder/ Cobble > 64	Gravel 2 - 64	Sand 0.062 - 2	Silt and Clay < 0.062	D_{16}	D_{50}	D_{84}	D_{95}
Incline	19-01	5.69	0.40	L	0.00	30.8	66.3	2.84	0.15	0.68	3.50	6.80
Incline	19-02	5.61	0.38	L	0.00	3.8	93.3	2.89	0.12	0.28	0.73	1.80
Incline	19-04	5.39	0.40	L	0.00	11.3	79.9	8.74	0.08	0.21	1.20	4.00
Incline	19-05	5.22	0.45	R	0.00	19.2	78.0	2.74	0.15	0.41	2.20	4.30
Incline	19-06	5.04	0.50	L	0.00	28.1	65.6	6.22	0.14	0.80	3.90	8.50
Incline	19-08	4.81	0.28	R	0.00	36.2	56.7	7.16	0.11	0.78	6.30	13.0
Incline	19-09	4.64	0.30	L	0.00	49.2	50.2	0.51	0.30	1.80	10.5	14.0
Incline	19-10	4.53	0.34	L	0.00	14.8	80.9	4.35	0.12	0.37	1.80	7.80
Incline	19-11	4.34	0.40	R	0.00	42.4	57.4	0.19	0.41	1.10	40.0	57.0
Incline	19-12	4.22	0.37	R	0.00	39.9	55.8	4.29	0.10	1.10	6.60	17.0
Incline	19-13	4.05	0.38	R	0.00	21.0	72.2	6.77	0.10	0.34	2.80	7.00
Incline	19-15	3.54	0.30	L	0.00	22.0	73.3	4.71	0.12	0.42	3.00	6.60
Incline	19-17	3.42	0.37	L	0.00	10.5	82.1	7.43	0.10	0.22	0.92	4.10
Incline	19-18	3.40	0.40	R	0.00	4.93	91.5	3.59	0.13	0.31	0.79	2.00
Incline	19-19	3.05	0.46	R	0.00	21.6	74.7	3.76	0.12	0.40	3.30	7.80
Incline	19-21	2.41	0.30	R	0.00	29.7	66.0	4.32	0.15	0.61	7.00	17.0
Incline	19-22	2.17	0.45	L	0.00	10.9	70.5	18.62	0.05	0.22	1.10	3.80
Incline	19-23	2.06	0.33	R	0.00	32.6	60.1	7.32	0.12	0.60	7.20	18.0
Incline	19-24	1.90	0.30	R	0.00	46.6	48.6	4.77	0.13	1.30	7.70	14.0
Incline	19-25	1.77	0.20	L	0.00	93.0	6.52	0.50	3.60	31.0	51.0	64.0
Incline	19-27	1.55	0.25	R	0.00	28.8	66.0	5.24	0.15	0.72	3.20	7.10
Incline	19-31	1.08	0.35	L	0.00	23.9	74.8	1.30	0.25	0.68	3.40	9.30
Incline	19-32	0.85	0.41	L	0.00	18.6	72.3	9.10	0.09	0.38	2.60	10.0
Incline	19-33	0.72	0.34	L	0.00	11.9	77.4	10.7	0.08	0.21	1.10	5.90
Incline	19-34	0.57	0.20	L	0.00	2.95	93.8	3.29	0.13	0.40	1.10	1.80
Incline	19-35	0.40	0.76	R	0.00	26.6	68.4	5.00	0.15	0.67	3.30	7.20
Incline	19-35	0.40	0.25	L	0.00	40.7	55.9	3.43	0.18	1.00	11.0	50.0
Incline	19-36	0.26	0.20	R	0.00	18.2	78.5	3.32	0.15	0.37	2.40	15.0
Incline	19-36	0.26	0.25	L	0.00	34.9	63.3	1.80	0.24	0.81	6.10	15.0
Incline	19-37	0.21	0.36	L	0.00	36.4	58.5	5.09	0.11	0.69	21.0	33.0
Incline	19-38	0.16	0.25	R	0.00	4.87	79.7	15.5	0.06	0.19	0.78	2.00
Incline	19-38	0.16	0.50	L	0.00	20.9	71.3	7.75	0.10	0.35	2.60	6.00
Incline	19-39	0.05	0.38	L	0.00	11.9	86.1	2.08	0.29	0.70	1.70	3.70
UTR	44-04	23.0	0.30	R	0.00	11.6	76.3	12.1	0.078	0.39	1.7	3.7
UTR	44-04	23.0	0.50	R	1.00	84.0	15.0	0.00	3.00	15.0	35.0	51.0
UTR	44-04	23.0	0.70	R	0.00	19.3	74.3	6.33	0.13	0.40	2.80	22.0

Stream	Station number	River kilometer	Depth in meters	Bank left or right	Percent grain size in millimeters				Particle sizes in millimeters			
					Boulder/ Cobble > 64	Gravel 2 - 64	Sand 0.062 - 2	Silt and Clay < 0.062	D_{16}	D_{50}	D_{84}	D_{95}
UTR	44-12	20.7	1.05	L	0.00	1.04	84.6	14.3	0.068	0.17	0.43	0.94
UTR	44-12	20.7	0.85	L	0.00	3.89	85.0	11.1	0.087	0.3	0.81	1.80
UTR	44-12	20.7	0.40	L	0.00	52.5	47.0	0.483	0.43	2.1	6.0	10.0
UTR	44-12	20.7	-	L	5.00	81.0	14.0	0.00	3.00	15.0	42.0	64.0
UTR	44-15	19.9	0.67	L	0.00	0.00	86.2	13.8	0.069	0.17	0.45	0.88
UTR	44-15	19.9	0.40	L	0.00	6.44	82.8	10.8	0.083	0.3	0.79	2.80
UTR	44-20	17.8	0.95	L	0.00	2.38	77.6	20.0	0.043	0.15	0.53	1.40
UTR	44-20	17.8	0.65	L	0.00	11.8	73.8	14.5	0.068	0.17	0.9	5.80
UTR	44-26	14.8	0.90	R	0.00	0.353	90.2	9.43	0.08	0.18	0.37	0.48
UTR	44-30	14.1	0.40	R	0.00	2.86	76.1	21.0	0.041	0.12	0.33	1.1
UTR	44-39	13.5	0.50	R	0.00	2.61	61.4	36.0	0.013	0.11	0.53	1.3
UTR	44-39	13.5	0.30	R	0.00	0.00	82.5	17.5	0.058	0.13	0.37	0.78
UTR	44-39	13.5	0.20	R	0.00	35.8	63.1	1.09	1.0	2.7	6.0	7.9
UTR	44-43	13.1	0.70	R	0.00	3.37	83.8	12.9	0.072	0.21	0.81	1.7
UTR	44-43	13.1	0.42	R	0.00	4.02	72.5	23.5	0.038	0.16	0.52	1.7
UTR	44-68	10.8	0.45	R	0.00	16.4	65.3	18.3	0.050	0.21	2.1	18
UTR	44-68	10.8	0.40	R	0.00	17.5	63.9	18.7	0.044	0.23	2.4	9.6
UTR	44-68	10.8	0.30	R	0.00	16.3	61.8	21.9	0.031	0.2	2.1	15
UTR	44-75	8.50	1.00	R	0.00	0.00	90.4	9.56	0.088	0.3	0.82	1.4
UTR	44-75	8.50	0.50	R	0.00	3.17	78.2	18.6	0.043	0.18	0.47	1.2
UTR	44-78	7.14	0.70	L	0.00	0.00	82.4	17.6	0.060	0.11	0.28	0.69
UTR	44-78	7.14	0.40	L	0.00	0.00	71.7	28.3	0.021	0.1	0.44	1
UTR	44-85	5.06	0.85	R	0.00	3.86	83.4	12.8	0.071	0.17	0.4	1
UTR	44-85	5.06	0.50	R	0.00	0.237	84.7	15.0	0.068	0.13	0.3	0.48
UTR	44-87	4.51	0.40	R	0.00	0.0	84.7	15.3	0.066	0.15	0.31	0.5
UTR	44-87	4.51	0.30	R	0.00	0.0	86.9	13.1	0.07	0.15	0.59	1.3
UTR	44-92	2.94	1.00	L	0.00	0.0	77.0	23.0	0.038	0.18	1.1	1.6
UTR	44-103	2.26	0.65	L	0.00	1.66	87.6	10.7	0.080	0.25	0.77	1.5
UTR	44-110	1.56	0.65	L	0.00	16.7	71.7	11.6	0.077	0.27	2.1	5.3
UTR	44-110	1.56	0.33	L	0.00	0.728	96.9	2.36	0.160	0.31	0.48	0.72
General	56-03	6.50	0.28	L	0.00	20.2	62.3	17.5	0.057	0.32	3.0	20.0
General	56-05	6.06	0.32	R	0.00	19.0	75.8	5.26	0.12	0.41	2.20	5.10
General	56-06	5.90	0.45	R	0.00	2.72	77.0	20.3	0.078	0.22	0.8	3.10
General	56-11	5.05	0.50	R	0.00	3.97	88.6	7.44	0.1	0.3	0.78	1.7
General	56-12	4.73	0.25	R	0.00	2.08	81.4	16.5	0.063	0.16	0.33	0.9
General	56-14	4.21	0.48	R	0.00	1.98	86.4	11.6	0.077	0.019	0.42	0.9
General	56-16	3.62	0.50	L	0.00	0.183	96.4	3.47	0.13	0.29	0.47	0.9

Stream	Station number	River kilometer	Depth in meters	Bank left or right	Percent grain size in millimeters				Particle sizes in millimeters			
					Boulder/ Cobble > 64	Gravel 2 - 64	Sand 0.062 - 2	Silt and Clay < 0.062	D_{16}	D_{50}	D_{84}	D_{95}
General	56-17	3.60	0.50	R	0.00	20.9	65.4	13.7	0.07	0.35	3.1	9.1
General	56-18	3.59	0.40	L	0.00	41.0	54.7	4.28	0.26	1.1	11	28.0
General	56-19	3.25	0.45	R	0.00	35.9	55.2	8.88	0.12	0.82	10	22.0
General	56-20	2.90	0.40	R	0.00	41.3	51.4	7.21	0.13	0.91	21	44.0
General	56-23	2.20	0.60	R	0.00	12.6	65.1	22.4	0.043	0.19	1.3	5.9
General	56-23	2.20	0.40	R	0.00	21.8	63.7	14.5	0.07	0.3	3.4	16.0
General	56-24	1.94	2.00	R	0.00	0.00	87.9	12.1	0.07	0.25	0.7	0.9
General	56-24	1.94	0.50	R	0.00	26.8	62.3	10.9	0.079	0.37	4.1	9.8
General	56-26	1.93	0.35	R	0.00	5.81	75.4	18.8	0.051	0.2	0.71	2.3
General	56-27	1.54	0.40	R	0.00	37.6	52.4	10.0	0.095	0.68	25	51.0
General	56-28	1.17	0.70	R	0.00	1.14	87.0	11.8	0.072	0.18	0.42	0.9
General	56-29	0.95	0.30	R	0.00	20.4	69.0	10.6	0.087	0.4	3.1	28.0
General	56-30	0.89	0.38	R	0.00	20.2	66.6	13.2	0.071	0.29	3.1	18.0
General	56-32	0.71	0.45	R	0.00	2.26	88.7	9.01	0.082	0.2	0.46	1.1
General	56-32	0.71	0.30	R	0.00	5.28	94.7	0.0	0.31	0.65	1.3	2.0
General	56-34	0.57	0.50	R	0.00	4.75	91.4	3.85	0.13	0.32	0.82	2.0
General	56-36	0.30	0.50	R	0.00	34.7	64.9	0.438	0.1	0.26	1	3.2
General	56-37	0.01	0.20	R	0.00	10.4	83.3	6.32	0.79	7.1	21	28.0
Ward	63-01	6.55	0.65	R	0.00	11.9	63.7	24.4	0.031	0.170	1.00	7.8
Ward	63-02	6.45	0.55	L	0.00	3.22	69.0	27.7	0.020	0.120	0.450	1.4
Ward	63-03	6.42	0.20	L	0.00	28.9	53.6	17.5	0.052	0.250	8.9	39.0
Ward	63-04	6.27	0.60	R	0.00	3.77	69.2	27.1	0.030	0.160	0.840	1.9
Ward	63-05	6.17	0.60	L	0.00	29.6	57.4	13.1	0.078	0.400	9.9	21.0
Ward	63-08	5.94	0.30	L	0.00	1.24	79.6	19.2	0.043	0.130	0.270	0.470
Ward	63-10	5.81	0.80	L	0.00	42.4	57.4	0.193	0.410	1.10	40.0	57.0
Ward	63-12	5.53	0.80	R	0.00	4.00	75.0	21.0	0.040	0.120	0.480	1.8
Ward	63-13	5.36	0.20	R	0.00	1.15	65.9	33.0	0.021	0.100	0.170	0.7
Ward	63-14	5.12	1.50	R	0.00	12.0	69.5	18.5	0.049	0.220	1.3	8.3
Ward	63-15	4.74	1.05	L	0.00	2.66	64.4	32.9	0.015	0.110	0.800	1.6
Ward	63-15	4.74	0.70	L	0.00	45.1	42.1	12.9	0.080	1.00	13.0	22.0
Ward	63-19	4.06	0.40	L	0.00	21.9	68.0	10.2	0.080	0.3	8.1	20.0
Ward	63-21	3.64	0.70	L	0.00	9.38	86.0	4.64	0.110	0.3	1.1	3.6
Ward	63-21	3.64	0.40	L	0.00	19.9	73.1	7.04	0.110	0.33	3.0	10.0
Ward	63-26	2.38	0.37	L	0.00	21.1	72.5	6.39	0.120	0.520	2.9	6.8
Ward	63-29	2.08	0.37	L	0.00	2.68	77.6	19.7	0.042	0.150	0.5	1.2
Ward	63-33	1.42	0.35	L	0.00	5.49	80.1	14.4	0.07	0.25	0.82	2.1
Ward	63-37	1.11	0.40	L	0.00	3.5	81.5	15.0	0.070	0.220	0.680	1.7

Stream	Station number	River kilometer	Depth in meters	Bank left or right	Percent grain size in millimeters				Particle sizes in millimeters			
					Boulder/ Cobble > 64	Gravel 2 - 64	Sand 0.062 - 2	Silt and Clay < 0.062	D_{16}	D_{50}	D_{84}	D_{95}
Ward	63-39	0.78	0.40	R	0.00	0.845	76.7	22.5	0.010	0.100	0.220	0.47
Ward	63-40	0.63	0.60	R	0.00	46.0	42.5	11.5	0.100	1.5	13.0	23.0
Ward	63-43	0.25	0.70	R	0.00	1.27	73.5	25.2	0.0	0.12	0.41	0.9
Ward	63-43	0.25	0.40	L	0.00	49.0	43.1	7.91	0.12	1.8	20.0	38.0

Table B-2. Bank toe material particle-size data for General, Incline and Ward Creeks and the Upper Truckee River (UTR).

Stream	Station number	River kilometer	Percent particle size/percent particle count	Percent grain size in millimeters				Particle sizes in millimeters			
				Boulder/ Cobble > 64	Gravel 2 - 64	Sand 0.062 - 2	Silt and Clay < 0.062	D_{16}	D_{50}	D_{84}	D_{95}
Incline	19-04	5.39	-	100	0.00	0.00	0.00	-	-	-	-
Incline	19-05	5.22	-	100	0.00	0.00	0.00	-	-	-	-
Incline	19-06	5.04	-	100	0.00	0.00	0.00	-	-	-	-
Incline	19-07	4.97	0/100	0.00	64.7	32.5	2.75	0.82	8.00	11.00	14.0
Incline	19-07	4.97	0/100	6.00	68.0	26.0	0.00	0.36	8.00	25.0	189
Incline	19-08	4.81	-	100	0.00	0.00	0.00	-	-	-	-
Incline	19-09	4.64	100/0	0.00	31.1	62.5	6.39	0.13	0.82	4.30	13.0
Incline	19-09	4.64	100/0	0.00	5.69	91.8	2.56	0.12	0.27	0.68	2.30
Incline	19-10	4.53	-	100	0.00	0.00	0.00	-	-	-	-
Incline	19-11	4.34	100/0	0.00	12.4	83.2	4.40	0.10	0.27	1.00	4.30
Incline	19-11	4.34	100/0	0.00	20.5	73.5	6.01	0.12	0.48	2.30	5.00
Incline	19-19	3.05	100/0	0.00	4.98	89.1	5.96	0.09	0.20	0.73	2.00
Incline	19-21	2.41	-	100	0.00	0.00	0.00	-	-	-	-
Incline	19-22	2.17	0/100	75.0	14.6	10.4	0.00	5.00	125	380	568
Incline	19-24	1.90	-	100	0.00	0.00	0.00	-	-	-	-
Incline	19-25	1.77	60/40	40.0	11.7	45.5	2.79	0.23	2.10	3000[1]	3000[1]
Incline	19-28	1.32	100/0	0.00	27.2	70.7	2.01	0.22	0.80	4.10	12.0
Incline	19-32	0.85	100/0	0.00	11.5	77.1	11.4	0.07	0.21	1.10	7.20
UTR	44-04	23.0	100/0	0.00	1.01	91.5	7.51	0.100	0.230	0.480	0.880
UTR	44-04	23.0	100/0	0.00	0.00	80.2	19.8	0.042	0.110	0.340	0.730
UTR	44-04	23.0	0/100	20.0	74.0	6.00	0.00	9.00	25.0	72.0	111
UTR	44-06	22.5	100/0	0.00	26.40	69.8	3.76	0.140	0.400	5.20	13.0
UTR	44-12	20.7	22/78	33.9	43.1	21.7	1.33	0.470	45.0	95.0	155
UTR	44-15	19.9	100/0	0.00	1.68	74.3	24.0	0.033	0.130	0.530	1.20
UTR	44-16	19.3	100/0	0.00	23.3	71.8	4.96	0.130	0.520	3.50	8.60
UTR	44-17	18.6	0/100	5.00	83.0	12.0	0.0	5.00	26.0	52.0	62.0
UTR	44-20	17.8	100/0	0.00	0.394	74.0	25.6	0.037	0.120	0.380	1.00
UTR	44-21	16.9	100/0	0.00	2.56	92.3	5.13	0.090	0.200	0.410	0.770
UTR	44-22	15.9	100/0	0.00	6.36	87.2	6.39	0.110	0.240	0.510	1.40
UTR	44-24	15.3	0/100	27.0	57.0	7.00	9.00	0.350	21.0	73.0	107
UTR	44-26	14.8	100/0	0.00	0.966	77.5	21.5	0.040	0.120	0.330	0.700
UTR	44-30	14.1	16/84	1.04	83.0	15.7	0.274	1.80	11.0	31.0	42.0
UTR	44-39	13.5	100/0	0.00	4.01	78.2	17.8	0.052	0.1	0.540	1.80
UTR	44-43	13.1	100/0	0.00	0.00	76.5	23.5	0.024	0.200	1.00	1.50

Stream	Station number	River kilometer	Percent particle size/percent particle count	Percent grain size in millimeters				Particle sizes in millimeters			
				Boulder/ Cobble > 64	Gravel 2 – 64	Sand 0.062 – 2	Silt and Clay < 0.062	D_{16}	D_{50}	D_{84}	D_{95}
UTR	44-59	12.1	70/30	0.00	46.3	49.2	4.51	0.120	0.500	45.0	60.0
UTR	44-67	11.2	0/100	4.00	88.0	8.00	0.00	7.00	30.0	53.0	61.0
UTR	44-68	10.8	100/0	0.00	9.30	83.2	7.52	0.098	0.210	0.480	7.80
UTR	44-72	10.0	100/0	0.00	5.96	79.0	15.1	0.069	0.190	0.540	2.70
UTR	44-75	8.50	100/0	0.00	0.00	94.4	5.64	0.120	0.300	0.600	1.00
UTR	44-78	7.14	100/0	0.00	0.888	81.0	18.1	0.045	0.170	0.370	0.500
UTR	44-82	5.84	0/100	62.0	28.0	10.0	0.00	7.00	110	210	250
UTR	44-85	5.06	100/0	0.00	0.00	74.7	25.3	0.023	0.150	0.990	1.70
UTR	44-92	2.94	100/0	0.00	14.0	74.1	11.8	0.079	0.320	1.70	8.00
General	56-14	4.21	55/45	43.2	1.8	50.7	4.30	0.12	0.61	205	330
General	56-16	3.62	18/82	28.0	54.0	14.9	3.11	0.7	27.0	80.0	174
General	56-18	3.59	0/100	71.1	15.6	13.3	0.0	15.0	155	350	520
General	56-19	3.25	100/0	0.00	29.1	62.7	8.29	0.1	0.4	7.4	13.0
General	56-21	2.58	-	100	0.00	0.00	0.00	-	-	-	-
General	56-24	1.94	100/0	0.00	38.2	45.9	15.9	0.066	0.41	38.0	52.0
General	56-29	0.95	0/100	49.0	44.9	6.12	0.00	28.0	66.0	150	870
General	56-36	0.30	100/0	0.00	8.29	86.2	5.56	0.11	0.25	0.7	4.0
Ward	63-01	6.55	0/100	43.0	52.0	5.00	0.00	31.0	53.0	106	150
Ward	63-02	6.45	0/100	24.0	70.0	6.00	0.00	9.00	32.0	77	112
Ward	63-03	6.42	0/100	24.5	55.1	20.4	0.00	0.360	25.0	85.0	232
Ward	63-03	6.42	0/100	90.0	10.0	0.00	0.00	70.0	145	260	300
Ward	63-04	6.27	100/0	0.00	2.80	77.0	20.3	0.0	0.180	0.68	1.50
Ward	63-05	6.17	100/0	0.00	0.00	58.5	41.5	0.0	0.090	0.50	1.10
Ward	63-06	6.10	0/100	52.0	41.0	7.00	0.00	22.0	70.0	110	125
Ward	63-08	5.94	100/0	0.00	7.86	77.4	14.8	0.067	0.200	0.61	5.10
Ward	63-13	5.36	0/100	85.0	15.0	0.00	0.00	70.0	120	165	190
Ward	63-14	5.12	100/0	0.00	17.3	66.4	16.4	0.062	0.270	2.30	9.30
Ward	63-15	4.74	0/100	86.6	13.4	0.00	0.00	68.0	140	220	330
Ward	63-16	4.52	-	100	0.00	0.00	0.00	-	-	-	-
Ward	63-18	4.25	100/0	0.00	35.6	51.2	13.2	0.077	0.700	8.00	13.0
Ward	63-19	4.06	0/100	50.5	44.0	5.49	0.00	25.5	63.5	250	340
Ward	63-22	3.51	0/100	37.0	61.0	2.00	0.00	25.0	53.0	90.0	140
Ward	63-23	3.28	-	100	0.00	0.00	0.00	-	-	-	-
Ward	63-25	2.64	0/100	42.4	53.5	4.04	0.00	11.0	54.0	175	305
Ward	63-26	2.38	0/100	28.6	65.3	6.12	0.00	11.0	36.0	120	170
Ward	63-29	2.08	0/100	42.4	49.5	8.08	0.00	15.0	45.0	190	400
Ward	63-30	1.97	0/100	65.3	28.6	6.12	0.00	38.0	85.0	160	350

Stream	Station number	River kilometer	Percent particle size/percent particle count	Percent grain size in millimeters				Particle sizes in millimeters			
				Boulder/ Cobble > 64	Gravel 2 – 64	Sand 0.062 – 2	Silt and Clay < 0.062	D_{16}	D_{50}	D_{84}	D_{95}
Ward	63-32	1.55	0/100	76.1	18.5	5.43	0.00	30.0	235	385	525
Ward	63-33	1.42	0/100	40.0	53.0	7.00	0.00	22.0	47.0	110	170
Ward	63-34	1.29	0/100	50.5	34.7	14.7	0.00	19.0	76.0	195	350
Ward	63-35	1.14	0/100	46.5	49.5	4.04	0.00	11.0	60.0	113	225
Ward	63-37	1.11	0/100	73.2	25.8	1.03	0.00	38.0	167	310	400
Ward	63-41	0.51	0/100	69.1	26.8	4.12	0.00	28.0	100	243	395
Ward	63-43	0.25	0/100	69.7	28.3	2.02	0.00	37.0	120	212	295
Ward	63-44	0.09	0/100	34.0	55.0	8.00	3.00	7.00	41.0	99.0	180

Table B-3. Bed material particle-size data for all streams.

Stream	Station number	River kilometer	Percent particle size/percent particle count	Percent grain size in millimeters				Particle sizes in millimeters			
				Boulder/ Cobble > 64	Gravel 2 – 64	Sand 0.062 – 2	Silt and Clay < 0.062	D_{16}	D_{50}	D_{84}	D_{95}
Tahoe State Park	01-01	0.02	0/100	36.0	62.0	2.00	0.00	26.0	52.0	95.0	133
Tahoe State Park	01-02	0.90	50/50	22.0	38.7	35.4	3.87	0.19	51.0	104	118
Burton	02-01	0.26	0/100	16.0	84.0	0.00	0.00	18.0	40.0	63.0	91.0
Burton	02-02	0.85	0/100	52.0	48.0	0.00	0.00	37.0	65.0	157	186
Barton	03-01	0.41	100/0	0.00	31.8	67.9	0.23	0.55	1.25	3.1	4.9
Lake Forest	04-01	0.02	0/100	0.00	92.0	8.00	0.00	10.0	21.0	30.0	40.0
Dollar	05-01	0.31	0/100	24.0	74.0	2.00	0.00	19.0	43.0	81.0	133
Dollar	05-02	1.22	0/100	4.0	88.0	8.00	0.00	8.00	25.0	34.0	55.0
Watson	07-01	0.04	0/100	32.0	68.0	0.00	0.00	16.0	41.0	102	247
Watson	07-02	1.11	0/100	44.0	56.0	0.00	0.00	16.0	42.0	110	145
Carnelian Bay	08-01	0.11	0/100	22.0	78.0	0.00	0.00	28.0	39.0	71.0	85.0
Carnelian Canyon	09-01	0.03	0/100	0.00	100.0	0.00	0.00	7.0	19.0	32.0	37.0
Carnelian Canyon	09-02	1.30	0/100	0.00	100.0	0.00	0.00	5.0	13.0	22.0	29.0
Tahoe Vista	10-01a	0.11	0/100	8.0	92.0	0.00	0.00	12.0	29.0	41.0	72.0
Tahoe Vista	10-02	1.27	100/0	0.00	45.2	52.0	2.71	0.20	1.40	8.6	10.2
Griff	11-01	0.09	0/100	0.00	98.0	2.00	0.00	123	250	356	437
Griff	11-02	0.94	0/100	0.00	86.0	14.0	0.00	13.0	50.0	95	187
Griff	11-03	1.93	0/100	0.00	100.0	0.00	0.00	47.0	116	252	362
Griff	11-04	3.06	0/100	0.00	92.0	8.00	0.00	14.0	129	455	522
Griff	11-06	1.91	0/100	6.0	86.0	8.00	0.00	6.00	16.0	36.0	58.0
Kings Beach	12-01	0.08	26/74	26.0	48.0	25.9	0.09	0.31	16.0	66.0	136
First	14-02	0.25	16/84	-	-	-	-	-	50.0	310	425
First	14-04	0.78	24/76	-	-	-	-	-	161	331	400
First	14-06	1.92	0/100	92.0	4.0	4.00	0.00	130	202	330	418
Second	15-01	0.18	0/100	50.0	32.0	18.0	0.00	6.00	68.0	184	227
Second	15-02	1.19	40/60	-	-	-	-	-	22.0	372	547
Burnt	16-01	0.13	0/100	44.0	46.0	10.0	0.00	12.0	43.0	170	294
Burnt	16-03	2.17	100/0	0.00	6.0	91.2	2.86	0.140	0.43	1.20	2.10
Wood	17-01	0.06	0/100	86.0	4.0	10.0	0.00	65.0	141	288	404
Third	18-01	0.05	28/72	2.0	70.0	27.8	0.19	0.490	24.0	44.0	60.0
Third	18-02	0.59	0/100	12.0	84.0	4.00	0.00	25.0	35.0	60.0	91.0
Third	18-03	1.15	0/100	70.0	16.0	14.0	0.00	35.0	160	668	1094
Third	18-04	2.97	0/100	66.0	26.0	8.00	0.00	23.0	160	392	710
Third	18-08	7.61	28/72	-	-	-	-	-	62.0	200.0	410.0
Third	18-09	8.10	42/58	20.0	38.0	42.0	0.00	0.78	9.40	78.0	282
Third	18-10	2.31	20/80	2.00	70.0	27.5	0.47	0.41	24.00	44.0	60.0

Stream	Station number	River kilometer	Percent particle size/percent particle count	Percent grain size in millimeters				Particle sizes in millimeters			
				Boulder/ Cobble > 64	Gravel 2 – 64	Sand 0.062 – 2	Silt and Clay < 0.062	D_{16}	D_{50}	D_{84}	D_{95}
Incline	19-01	5.69	19/81	7.00	74.0	19.0	0.00	1.1	24.00	39.0	82.0
Incline	19-02	5.61	22/78	2.00	76.0	22.0	0.00	0.6	8.00	36.0	54.0
Incline	19-03	5.44	24/76	0.00	76.0	23.9	0.081	0.7	6.00	12.0	36.5
Incline	19-04	5.39	29/71	35.0	36.0	28.1	0.876	0.6	47.0	46.0	170
Incline	19-05	5.22	0/100	18.6	68.6	12.8	0.00	4.0	20.0	100	610
Incline	19-06	5.04	13/87	-	-	-	-	3.50	66.0	250	1635
Incline	19-07	4.97	24/76	24.4	51.6	23.7	0.328	0.70	10.4	3000[1]	3000[1]
Incline	19-08	4.81	0/100	47.9	37.2	14.9	0.00	3.00	70.0	290	3000[1]
Incline	19-09	4.64	17/83	24.0	59.0	16.9	0.058	1.60	11.0	85.0	126
Incline	19-10	4.53	0/100	18.2	71.7	9.09	1.01	4.00	26.0	76.0	130
Incline	19-11	4.34	0/100	5.0	80.0	15.0	0.00	3.00	20.0	50.0	64.0
Incline	19-12	4.22	15/85	38.3	46.8	14.9	0.05	3.0	51.00	112.0	1660.0
Incline	19-13	4.05	0/100	7.0	83.0	10.0	0.00	8.00	30.0	53	78
Incline	19-14	3.78	50/50	28.6	21.4	50.0	0.00	0.65	56.00	98.0	212.5
Incline	19-15	3.54	0/100	100	0.00	0.00	0.00	-	-	-	-
Incline	19-16	3.53	0/100	0.00	54.3	45.3	0.306	0.350	2.20	8.0	14.0
Incline	19-17	3.42	50/50	11.2	33.7	53.1	2.04	0.810	15.00	59.0	89.0
Incline	19-18	3.40	100/0	0.00	0.571	99.4	0.00	2.0	9.10	41.0	65.0
Incline	19-19	3.05	16/84	4.36	79.6	15.9	0.0541	1.90	8.10	42.0	61.0
Incline	19-21	2.41	0/100	100	-	-	-	-	3000[1]	3000[1]	3000[1]
Incline	19-22	2.17	0/100	75.0	14.6	10.4	0.00	5.00	125	380	568
Incline	19-23	2.06	54/46	25.0	21.0	52.9	1.09	0.200	1.10	146.0	290
Incline	19-24	1.90	25/75	75.0	6.4	18.6	0.00	1.50	3000[1]	3000[1]	3000[1]
Incline	19-25	1.77	40/60	60.0	7.0	33.0	0.00	0.88	3000[1]	3000[1]	3000[1]
Incline	19-26	1.61	22/78	16.0	62.0	20.3	1.68	0.450	8.00	64.0	129
Incline	19-27	1.55	75/25	4.8	20.2	75.0	0.00	0.540	1.00	20.0	64.0
Incline	19-28	1.32	0/100	37.8	49.0	13.3	0.00	3.00	26.0	160	230
Incline	19-29	1.22	18/82	-	-	-	-	-	6.00	8.0	10.0
Incline	19-31	1.08	39/61	42.7	18.3	33.8	5.19	0.220	20.0	180	300
Incline	19-32	0.85	16/84	57.0	27.0	15.8	0.163	2.00	73.0	150	210
Incline	19-33	0.72	44/56	31.0	25.0	43.9	0.149	0.550	19.0	110	215
Incline	19-34	0.57	28/72	39.0	39.0	21.3	0.664	1.00	60.0	120	204
Incline	19-35	0.40	0/100	62.0	24.0	14.0	0.00	9.0	84.0	115	186
Incline	19-36	0.26	100/0	0.00	24.1	75.7	0.255	0.410	0.890	10.0	23
Incline	19-37	0.21	20/80	38.0	42.0	19.9	0.137	1.20	49.5	215	629
Incline	19-38	0.16	18/82	48.0	34.0	18.0	0.00	1.30	54.0	153	206
Mill	20-01	0.01	100/0	0.00	16.6	82.5	0.9	0.4	1.0	2.0	3.2

Stream	Station number	River kilometer	Percent particle size/percent particle count	Percent grain size in millimeters				Particle sizes in millimeters			
				Boulder/ Cobble > 64	Gravel 2 – 64	Sand 0.062 – 2	Silt and Clay < 0.062	D_{16}	D_{50}	D_{84}	D_{95}
Tunnel	21-01	0.07	100/0	0.00	29.6	69.2	1.18	0.30	1.10	3.0	5.1
Tunnel	21-02	1.22	49/51	17.0	34.0	48.7	0.33	0.42	2.07	75.0	230
Bonpland	22-01	0.07	20/80	80.0	16.1	3.90	0.03	17.00	3000[1]	3000[1]	3000[1]
Marlette	24-01	0.01	22/78	55.0	23.0	22.0	0.00	1.20	74.0	145	220
Marlette	24-02	0.92	41/59	28.0	31.0	40.4	0.55	0.51	5.00	100	160
Marlette	24-03	1.28	100/0	0.00	19.6	79.6	0.82	0.22	0.70	2.1	4.0
Secret Harbor	25-01	0.20	100/0	0.00	79.0	21.0	0.00	1.40	9.60	39.0	44.0
Secret Harbor	25-02	0.55	100/0	0.00	53.1	44.7	2.23	0.21	2.04	5.1	7.0
Secret Harbor	25-05	0.04	100/0	0.00	29.6	67.7	2.64	0.25	0.90	3.8	45.0
Secret Harbor	25-06	1.27	100/0	0.00	12.7	85.8	1.48	0.30	0.82	1.8	3.7
Bliss	26-01	0.39	100/0	0.00	60.8	39.1	0.13	0.60	2.60	6.1	8.0
Bliss	26-02	1.20	100/0	0.00	44.2	55.8	0.00	0.49	1.50	5.0	7.1
Dead Mans Point	27-01	0.04	100/0	0.00	35.9	62.6	1.53	0.31	1.04	15.0	25.0
Dead Mans Point	27-02	0.59	100/0	0.00	21.6	77.4	1.06	0.25	0.87	2.6	5.5
Slaughterhouse	28-01	0.23	100/0	0.00	7.0	90.5	2.51	0.12	0.31	0.8	2.8
Slaughterhouse	28-02	2.25	100/0	0.00	67.7	32.2	0.11	0.90	4.10	10.5	17.0
Slaughterhouse	28-03	4.51	100/0	0.00	8.3	91.1	0.62	0.22	0.60	1.5	2.5
Glenbrook	29-02	0.76	100/0	0.00	64.6	35.2	0.24	0.52	5.00	15.0	26.0
Glenbrook	29-03	2.70	0/100	45.0	47.0	8.00	0.00	8.00	56.0	95.0	120
Glenbrook	29-06	3.35	16/84	41.1	42.9	15.7	0.27	2.00	28.0	60.0	100
North Logan House	30-02	0.48	35/65	19.0	46.0	34.3	0.71	0.39	19.0	66.0	240
Logan House	31-04	3.02	100/0	0.00	49.4	50.1	0.52	0.80	2.00	3.3	4.1
Logan House	31-08	1.71	100/0	0.00	87.9	12.1	0.04	2.50	10.03	21.0	30.0
Logan House	31-10	1.21	100/0	0.00	51.4	48.1	0.50	0.43	2.03	6.1	10.0
Cave Rock	32-02	0.09	100/0	0.00	37.8	62.2	0.00	0.30	1.10	4.3	11.0
Cave Rock	32-01	0.19	100/0	0.00	32.2	61.7	6.06	0.11	0.49	10.0	22.0
Cave Rock	32-04	0.89	100/0	0.00	50.6	49.4	0.00	0.32	2.01	10.0	15.0
Lincoln	33-01	0.22	100/0	0.00	28.2	69.1	2.70	0.20	0.82	3.2	6.6
Lincoln	33-02	1.19	8/92	47.0	45.0	7.92	0.08	4.00	56.0	280	490
North Zephyr	35-01	0.28	100/0	0.00	23.4	69.3	7.32	0.11	0.42	3.0	5.3
North Zephyr	35-02	1.26	100/0	0.00	35.2	64.1	0.652	0.26	0.90	4.2	8.0
Zephyr	37-02	0.99	100/0	0.00	39.4	58.4	2.22	0.24	1.06	3.2	5.8
McFaul	38-01	0.52	100/0	0.00	36.8	63.0	0.22	0.51	1.11	3.1	5.2
McFaul	38-02	1.69	0/100	50.0	0.00	50.0	0.00	0.36	160	680	1220
McFaul	38-04	3.23	100/0	0.00	18.2	75.1	6.65	0.41	1	3	4
Burke	39-01	0.13	100/0	0.00	19.1	80.9	0.00	0.60	1	2	3
Burke	39-02	1.58	85/15	3.8	11.3	83.6	1.42	0.20	0.60	2.0	45.0
Stream	Station	River	Percent	Percent grain size in millimeters				Particle sizes in millimeters			

	number	kilometer	particle size/percent particle count	Boulder/ Cobble > 64	Gravel 2 – 64	Sand 0.062 – 2	Silt and Clay < 0.062	D_{16}	D_{50}	D_{84}	D_{95}
Burke	39-04	3.21	100/0	0.00	0.00	98.6	1.38	0.40	1.01	1.5	1.8
Burke	39-09	6.25	100/0	0.00	36.1	56.6	7.31	0.10	0.69	31.0	45.0
Edgewood	40-01	7.22	100/0	0.00	30.2	66.3	3.56	0.201	0.710	3.9	10.0
Edgewood	40-02	7.21	100/0	0.00	22.7	71.5	5.76	0.12	0.46	2.9	6.1
Edgewood	40-03	7.23	100/0	0.00	53.8	46.1	0.157	0.745	2.01	4.6	7.0
Edgewood	40-05	6.41	100/0	0.00	19.4	80.3	0.271	0.310	0.70	2.2	5.45
Edgewood	40-11	6.15	100/0	0.00	37.8	59.6	2.52	0.350	1.10	4.00	7.0
Edgewood	40-19	4.96	100/0	0.00	24.9	66.8	8.32	0.120	0.88	3.00	5.90
Edgewood	40-27	1.20	100/0	0.00	37.3	62.4	0.212	0.300	0.750	3.80	6.5
Edgewood	40-27a	0.20	100/0	0.00	82.9	17.0	0.0574	0.160	12.0	21.0	30.0
Edgewood[2]	-	-	100/0	0.00	35.6	63.7	0.650	0.130	0.89	3.00	5.9
Edgewood[2]	-	-	100/0	0.00	40.2	58.4	1.42	0.300	1.4	11.0	41.0
Bijou Park	41-01	1.32	100/0	0.00	23.7	75.8	0.516	0.103	0.7	3.0	6.0
Bijou Park	41-02	1.88	100/0	0.00	21.2	69.6	9.14	0.207	0.6	2.8	6.0
Bijou	42-01	0.54	100/0	0.00	23.4	74.3	2.33	0.18	0.50	3.0	5.2
Bijou	42-02	2.16	100/0	0.00	7.8	90.0	2.17	0.09	0.50	1.2	3.0
Bijou	42-03	3.44	100/0	0.00	33.1	62.2	4.75	0.10	1.01	6.4	13.0
Trout	43-01	1.45	75/25	0.00	0.00	100	0.00	0.30	0.59	360	470
Trout	43-02	2.49	100/0	0.00	60.1	39.9	0.00	0.48	2.40	5.4	7.1
Trout	43-03	4.71	25/75	-	-	-	-	-	11.0	20.0	26.0
Trout	43-04	7.05	100/0	0.00	50.9	49.1	0.00	0.21	2.00	4.0	6.1
Trout	43-06	7.47	100/0	0.00	76.4	23.4	0.16	0.70	4.20	7.3	11.0
Trout	43-07	8.13	40/60	60.0	21.0	19.0	0.0	1.3	22.0	65.0	180
Upper Truckee	44-01	24.2	0/100	40.0	45.0	15.0	0.00	6.00	45.0	95.0	130
Upper Truckee	44-04	23.0	0/100	11.0	81.0	8.00	0.00	8.00	30.0	59.0	77.0
Upper Truckee	44-06	22.5	0/100	28.0	72.0	0.00	0.00	40.0	56.0	77.0	91.0
Upper Truckee	44-08	21.8	0/100	50.0	40.5	9.52	0.00	9.00	55.0	545	1150
Upper Truckee	44-11	21.4	18/82	43.6	38.4	17.9	0.06	1.10	38.0	510	720
Upper Truckee	44-12	20.7	23/77	8.0	69.0	22.8	0.16	0.50	17.0	46.0	75.0
Upper Truckee	44-15	19.9	20/80	11.0	69.0	20.00	0.00	0.88	30.0	57.0	71.0
Upper Truckee	44-16	19.3	0/100	9.0	87.0	3.00	1.00	10.0	32.0	52.0	71.0
Upper Truckee	44-17	18.6	0/100	10.0	80.0	10.0	0.00	5.00	21.0	52.0	70.0
Upper Truckee	44-19	18.0	0/100	66.0	27.7	6.38	0.00	18.0	115	460	770
Upper Truckee	44-20	17.8	0/100	24.0	66.0	10.0	0.00	15.0	41.0	72.0	84.0
Upper Truckee	44-21	16.9	0/100	40.0	48.8	11.3	0.00	4.00	27.0	320	1400
Upper Truckee	44-22	15.9	0/100	27.0	58.0	15.0	0.00	3.00	30.0	85.0	108
Upper Truckee	44-24	15.3	0/100	27.0	70.0	3.00	0.00	10.00	37.0	80.0	121

Stream	Station number	River kilometer	Percent particle size/percent particle count	Percent grain size in millimeters				Particle sizes in millimeters			
				Boulder/ Cobble > 64	Gravel 2 - 64	Sand 0.062 - 2	Silt and Clay < 0.062	D_{16}	D_{50}	D_{84}	D_{95}
Upper Truckee	44-26	14.8	0/100	21.0	65.0	14.0	0.00	5.00	42.0	66.0	76.0
Upper Truckee	44-30	14.1	0/100	25.0	64.0	11.0	0.00	4.00	45.0	73.0	90.0
Upper Truckee	44-39	13.5	0/100	1.0	91.0	8.00	0.00	6.00	17.0	30.0	40.0
Upper Truckee	44-43	13.1	0/100	7.0	79.0	14.0	0.00	3.00	26.0	51.0	67.0
Upper Truckee	44-59	12.1	36/64	19.3	44.7	36.0	0.00	0.79	7.85	67.0	95.0
Upper Truckee	44-67	11.2	0/100	14.0	75.0	11.0	0.00	5.00	27.0	63.0	70.0
Upper Truckee	44-68	10.8	100/0	0.00	53.8	45.9	0.32	0.53	2.20	9.0	12.0
Upper Truckee	44-72	10.0	29/71	1.0	70.0	29.0	0.00	0.60	9.86	24.0	31.0
Upper Truckee	44-75	8.50	100/0	0.00	34.3	64.6	1.11	0.06	0.20	0.9	1.4
Upper Truckee	44-78	7.14	100/0	0.00	69.5	30.3	0.21	0.62	5.00	17.0	28.0
Upper Truckee	44-82	5.84	100/0	0.00	67.5	32.5	0.00	0.560	10.0	37.0	53.0
Upper Truckee	44-85	5.06	100/0	0.00	0.00	77.8	22.2	0.04	0.11	0.4	1.0
Upper Truckee	44-87	4.51	100/0	0.00	74.4	25.5	0.09	0.84	4.80	12.0	22.0
Upper Truckee	44-92	2.94	100/0	0.00	25.9	70.3	3.8	0.1	0.6	4.2	12.0
Taylor	46-01	0.90	0/100	44.0	50.0	6.0	0.0	15.0	52.0	120	185
Taylor	46-02	2.33	8/92	64.0	28.0	8.0	0.0	17.0	90.0	157	285
Tallac	47-01	1.37	0/100	22.0	77.0	1.00	0.00	20.0	40.0	72.0	122
Tallac	47-02	2.20	0/100	40.0	60.0	0.00	0.00	25.0	55.0	115	153
Tallac	47-03	2.55	20/80	8.5	71.5	19.9	0.07	0.81	14.0	52.0	64.0
Tallac	47-04	3.05	0/100	50.0	42.0	8.00	0.00	6.00	62.0	160	350
Tallac	47-05	2.95	50/50	2.0	48.0	47.3	2.69	0.51	4.00	52.0	62.0
Cascade	48-01	0.69	10/90	-	-	-	-	3000[1]	3000[1]	3000[1]	3000[1]
Eagle	49-01	0.58	0/100	42.0	58.0	0.00	0.00	21.0	54.0	88.0	121
Rubicon	51-01	0.92	25/75	0.00	75.0	24.81	0.19	0.67	7.00	19.0	31.0
Rubicon	51-02	1.27	100/0	0.00	12.5	87.2	0.3	0.1	0.2	0.6	2.9
Rubicon	51-03	1.60	100/0	0.00	62.1	37.9	0.00	1.04	2.30	5.0	7.0
Rubicon	51-04	1.71	50/50	50.0	13.2	36.7	0.13	0.61	16.0	3000[1]	3000[1]
Paradise Flat	52-01	0.62	100/0	0.00	34.7	65.3	0.00	0.80	1.50	3.45	6.2
Lonely Gulch	53-01	0.81	0/100	21.0	72.0	7.0	0.0	18.0	42.0	80.0	115
Lonely Gulch	53-02	1.24	0/100	35.0	62.0	3.0	0.00	18	52	91.0	161
Sierra	54-01	0.89	50/50	34.0	16.0	49	1.37	0.3	4.0	109	175
Meeks	55-01	1.23	0/100	0.00	100	0.00	0.00	20.0	30.0	41.0	47
Meeks	55-03	3.50	0/100	2.0	96.0	2.0	0.0	17.0	32.0	40.0	45.5
Meeks	55-04	3.50	30/70	4.2	65.8	29.7	0.30	0.8	21.5	39.0	50.0
General	56-01	6.80	0/100	58.0	39.0	3.00	0.00	18.0	80.0	180	480
General	56-02	6.66	5/95	61.2	33.9	5.00	0.00	11.0	3000[1]	3000[1]	3000[1]
General	56-03	6.50	0/100	70.8	29.2	0.00	0.00	0.36	91.0	251	532

Stream	Station number	River kilometer	Percent particle size/percent particle count	Percent grain size in millimeters				Particle sizes in millimeters			
				Boulder/ Cobble > 64	Gravel 2 - 64	Sand 0.062 - 2	Silt and Clay < 0.062	D_{16}	D_{50}	D_{84}	D_{95}
General	56-05	6.06	0/100	22.0	73.0	5.00	0.00	18.0	35.0	70.0	95.0
General	56-06	5.90	17/83	14.0	69.0	17.0	0.00	1.80	26.0	60.0	77.0
General	56-08	5.33	0/100	74.0	24.0	2.00	0.00	40.0	99.0	218	335
General	56-09	5.25	0/100	46.0	54.0	0.00	0.00	17.0	56.0	150	220
General	56-12	4.73	0/100	2.00	89.0	9.00	0.00	8.00	21.0	38.0	54.0
General	56-14	4.21	0/100	40.0	56.0	4.00	0.00	27.0	50.0	142	177
General	56-16	3.62	18/82	0.00	82.0	18.0	0.00	1.30	9.10	21.0	26.0
General	56-17	3.60	16/84	38.0	46.0	14.7	1.32	0.70	27.0	80.0	174
General	56-18	3.59	0/100	71.8	20.51	7.69	0.00	39.0	107	323	531
General	56-19	3.25	0/100	44.0	49.5	6.59	0.00	14.0	55.0	142	395
General	56-20	2.90	0/100	40.0	52.0	8.00	0.00	10.0	31.0	230	290
General	56-21	2.58	50/50	36.7	13.3	49.8	0.17	0.60	2.00	310	495
General	56-24	1.94	20/80	11.0	69.0	19.9	0.07	0.79	10.0	41.0	67.0
General	56-23	2.20	0/100	57.0	39.0	4.00	0.00	32.0	72.0	125	210
General	56-26	1.93	34/66	50.0	15.0	35.0	0.00	0.60	64.0	115	155
General	56-27	1.54	16/84	56.0	28.0	16.0	0.00	1.90	47.0	125	165
General	56-28	1.17	0/100	68.0	24.0	8.00	0.00	4.00	97.0	128	160
General	56-29	0.95	0/100	49.0	44.9	6.12	0.00	28.0	66.0	150	870
General	56-30	0.89	23/77	4.00	73.0	18.0	5.02	0.34	15.0	41.0	61.0
General	56-32	0.71	0/100	30.6	61.2	8.12	0.00	8.30	30.4	147	467
General	56-34	0.57	100/0	0.00	0.41	98.6	1.02	0.17	0.34	0.7	0.9
General	56-36	0.30	0/100	37.0	60.0	3.00	0.00	31.0	52.0	86.0	113
General	56-37	0.01	21/79	7.00	72.0	21.0	0.00	0.82	20.0	50.0	70
McKinney	57-01	0.28	0/100	36.0	64.0	0.00	0.00	25.0	58.0	87.0	134
McKinney	57-02	1.25	0/100	80.0	20.0	0.00	0.00	62.0	121	190	265
Quail Lane	58-01	0.02	0/100	60.0	40.0	0.00	0.00	32.0	74.0	119	147
Quail Lane	58-02	0.21	0/100	32.0	66.0	2.0	0.00	25.0	50.0	80.0	111
Homewood	59-01	0.09	0/100	30.0	66.0	4.0	0.00	25.0	39.0	91.0	104
Homewood	59-02	0.41	0/100	48.0	50.0	2.0	0.00	26.0	60.0	155	255
Madden	60-1	0.10	0/100	88.0	12.0	0.00	0.00	71.0	149	245	264
Blackwood	62-04	8.19	0/100	65.2	31.9	2.90	0.00	27.0	120	200	3000[1]
Blackwood	62-05	7.18	28/72	46.0	26.0	26.8	1.22	0.44	41.0	255	340
Blackwood	62-07	7.17	0/100	47.1	42.9	10.0	0.00	5.00	62.0	170	305
Blackwood	62-08	6.51	0/100	50.5	42.3	7.22	0.00	11.0	65.0	115	160
Blackwood	62-12	5.08	0/100	52.0	42.0	6.00	0.00	6.00	70.0	160	220
Blackwood	62-15	4.15	0/100	40.0	52.0	8.00	0.00	16.0	51.0	96.0	132
Blackwood	62-18	3.95	0/100	14.3	79.6	6.12	0.00	9.00	26.0	60.0	115

Stream	Station number	River kilometer	Percent particle size/percent particle count	Percent grain size in millimeters				Particle sizes in millimeters			
				Boulder/ Cobble > 64	Gravel 2 - 64	Sand 0.062 - 2	Silt and Clay < 0.062	D_{16}	D_{50}	D_{84}	D_{95}
Blackwood	62-24	1.77	0/100	14.3	84.4	1.30	0.00	15.0	40.0	63.0	86.0
Blackwood	62-30	0.32	0/100	8.42	75.8	15.8	0.00	2.00	28.0	55.0	69.0
Blackwood	62-32	0.00	0/100	7.00	92.0	1.00	0.00	21.0	35.0	52.0	65.0
Ward	63-01	6.55	0/100	63.0	36.0	1.00	0.00	32	80	145	170
Ward	63-02	6.45	0/100	67.0	30.0	3.00	0.00	20	96	170	210
Ward	63-03	6.42	0/100	51.0	36.0	13.0	0.00	9	65	142	190
Ward	63-04	6.27	0/100	51.0	40.0	9.00	0.00	8	67	130	160
Ward	63-05	6.17	0/100	53.0	44.0	3.00	0.00	35	65	122	135
Ward	63-09	5.87	0/100	50.0	40.0	10.0	0.00	8	63	115	147
Ward	63-06	6.10	0/100	38.0	57.0	5.00	0.00	13	48	130	180
Ward	63-10	5.81	0/100	19.6	76.3	4.12	0.00	11.0	35.0	74.0	105
Ward	63-12	5.53	0/100	16.0	76.0	8.00	0.00	5.00	32.0	61.0	81.0
Ward	63-13	5.36	0/100	81.8	17.2	1.01	0.00	55.0	120	220	300
Ward	63-14	5.12	0/100	59.6	30.9	9.57	0.00	12.0	85.0	165	225
Ward	63-15	4.74	0/100	86.9	11.1	2.02	0.00	69.0	120	205	270
Ward	63-16	4.52	0/100	73.0	26.0	1.00	0.00	46.0	105	240	300
Ward	63-18	4.25	0/100	56.8	33.7	9.47	0.00	15.0	81.0	300	430
Ward	63-19	4.06	0/100	53.7	41.1	5.26	0.00	14.0	75.0	248	410
Ward	63-21	3.64	0/100	40.0	58.0	2.00	0.00	26.0	55.0	110	170
Ward	63-22	3.51	0/100	37.0	61.0	2.00	0.00	25.0	53.0	90.0	140
Ward	63-23	3.28	0/100	35.0	62.0	3.00	0.00	25.0	52.0	110	145
Ward	63-25	2.64	0/100	49.0	46.9	4.08	0.00	11.0	53.0	235	340
Ward	63-26	2.38	0/100	58.3	41.7	0.00	0.00	26.5	90.0	260	425
Ward	63-29	2.08	0/100	51.6	46.2	2.20	0.00	12.5	65.0	315	650
Ward	63-30	1.97	0/100	52.3	40.7	6.98	0.00	11.0	84.0	340	3000[1]
Ward	63-32	1.55	0/100	54.7	41.9	3.49	0.00	21.0	90.0	385	595
Ward	63-33	1.42	0/100	53.8	38.5	7.69	0.00	31.0	91.0	328	465
Ward	63-34	1.29	0/100	68.9	28.9	2.22	0.00	36.0	86.0	245	500
Ward	63-35	1.14	0/100	46.5	49.5	4.04	0.00	11.0	60.0	113	225
Ward	63-37	1.11	0/100	73.2	25.8	1.03	0.00	38.0	167	310	400
Ward	63-40	0.63	0/100	59.4	39.6	1.04	0.00	21.0	117	250	457
Ward	63-41	0.51	0/100	42.9	51.0	6.12	0.00	9.00	53.0	160	310
Ward	63-43	0.25	0/100	69.7	28.3	2.02	0.00	37.0	120	212	295
Ward	63-44	0.09	0/100	48.0	43.0	9.00	0.00	17.0	62.0	115	160

[1] A Value of 3000 mm was given to boulders over 2 m that were not measured and to bedrock.

[2] Particle size labels partially destroyed in transit and site name unknown.

Table B-4. Bank face material particle-size data for all streams.

Stream	Station number	River kilometer	Percent particle size/percent particle count	Percent grain size in millimeters				Particle sizes in millimeters			
				Boulder/ Cobble > 64	Gravel 2 - 64	Sand 0.062 - 2	Silt and Clay < 0.062	D_{16}	D_{50}	D_{84}	D_{95}
Burton	02-01	0.26	100/0	0.00	39.0	52.3	8.68	0.140	1.04	5.50	10.0
Burton	02-02	0.85	50/50	50.0	28.7	19.3	2.07	0.900	31.0	3000[1]	3000[1]
Barton	03-02	1.06	100/0	0.00	69.5	28.6	1.93	0.600	4.80	11.5	20.5
Lake Forest	04-01	0.02	100/0	0.00	63.0	33.8	3.19	0.400	4.10	10.3	24.0
Dollar	05-02	1.22	100/0	0.00	78.0	21.2	0.84	0.780	8.08	20.8	28.0
Cedar Flats	06-01	0.06	20/80	80.0	10.3	8.8	0.85	10.7	3000[1]	3000[1]	3000[1]
Cedar Flats	06-02	0.67	50/50	50.0	28.9	20.0	1.10	0.910	32.0	3000[1]	3000[1]
Carnelian Bay	08-01	0.11	100/0	0.00	25.6	71.4	3.05	0.245	0.99	4.00	10.0
Carnelian Canyon	09-01	0.03	100/0	0.00	41.9	55.2	2.82	0.300	1.45	5.50	10.0
Tahoe Vista	10-01b	0.02	100/0	0.00	5.47	92.9	1.59	0.12	0.20	0.40	2.10
Griff	11-06	1.91	100/0	0.00	67.2	30.0	2.77	0.29	0.50	11.0	16.0
Kings Beach	12-01	0.08	100/0	0.00	10.2	86.4	3.39	0.15	0.30	0.80	5.00
First	14-05	1.92	100/0	0.00	8.13	89.7	2.19	0.30	0.90	1.60	2.50
First	14-06	1.92	100/0	0.00	62.5	35.5	2.06	0.50	3.80	10.3	24.0
Second	15-01	0.18	100/0	0.00	37.0	61.7	1.28	0.480	1.50	7.00	20.0
Burnt	16-01	0.13	100/0	0.00	23.9	73.2	2.84	0.285	1.00	3.00	5.8
Burnt	16-02	1.25	100/0	0.00	33.3	62.4	4.24	0.20	0.80	5.50	10.1
Burnt	16-03	2.17	100/0	0.00	35.6	57.0	7.43	0.11	0.61	4.00	8.20
Wood	17-01	0.06	100/0	0.00	14.0	77.7	8.21	0.11	0.49	1.80	5.00
Third	18-01	0.05	100/0	0.00	6.14	92.9	0.95	0.300	0.60	1.10	2.2
Third	18-01	0.05	100/0	0.00	11.1	86.1	2.73	0.240	0.70	1.60	3.4
Third	18-02	0.59	100/0	0.00	21.3	76.1	2.65	0.10	0.81	3.20	10.9
Third	18-03	1.15	100/0	0.00	46.5	51.9	1.63	0.500	1.70	12.0	23.0
Third	18-05	4.87	100/0	0.00	30.9	66.3	2.78	0.20	0.80	3.50	7.80
Third	18-08	7.61	100/0	0.00	29.8	67.3	2.83	0.20	0.80	3.50	7.50
Third	18-09	8.10	100/0	0.00	27.3	70.0	2.71	0.17	0.65	3.75	11.0
Third	18-10	2.31	100/0	0.00	21.6	76.2	2.14	0.30	0.91	2.50	6.00
Incline	19-04	5.39	-	100	0.00	0.00	0.00	-	-	-	-
Incline	19-05	5.22	100/0	0.00	2.95	85.2	11.8	0.08	0.26	0.80	1.70
Incline	19-06	5.04	19/81	23.9	59.1	15.0	2.03	1.40	15.0	101	925
Incline	19-07	4.97	100/0	0.00	64.7	32.5	2.75	0.42	4.00	6.80	7.90
Incline	19-07	4.97	26/74	6.00	68.0	23.6	2.36	0.61	8.00	25.0	189
Incline	19-08	4.81	100/0	0.00	35.8	59.9	4.32	0.20	1.10	5.90	11.0
Incline	19-08	4.81	100/0	0.00	30.7	63.9	5.40	0.15	0.78	4.10	9.90
Incline	19-09	4.64	100/0	0.00	31.1	62.5	6.39	0.13	0.82	4.30	13.0

Stream	Station number	River kilometer	Percent particle size/percent particle count	Percent grain size in millimeters				Particle sizes in millimeters			
				Boulder/ Cobble > 64	Gravel 2 – 64	Sand 0.062 – 2	Silt and Clay < 0.062	D_{16}	D_{50}	D_{84}	D_{95}
Incline	19-09	4.64	100/0	0.00	5.69	91.8	2.56	0.12	0.27	0.68	2.30
Incline	19-10	4.53	100/0	0.00	29.8	64.0	6.20	0.12	0.71	4.00	7.70
Incline	19-10	4.53	100/0	0.00	16.7	74.4	8.98	0.09	0.28	2.10	6.50
Incline	19-11	4.34	100/0	0.00	12.4	83.2	4.40	0.10	0.27	1.00	4.30
Incline	19-11	4.34	100/0	0.00	20.5	73.5	6.01	0.12	0.48	2.30	5.00
Incline	19-12	4.22	100/0	0.00	0.00	91.2	8.81	0.09	0.30	0.79	1.20
Incline	19-13	4.05	100/0	0.00	8.90	82.1	9.01	0.09	0.31	1.20	3.80
Incline	19-14	3.78	100/0	0.00	21.1	71.0	7.95	0.10	0.41	2.70	6.80
Incline	19-15	3.54	100/0	0.00	29.3	63.3	7.43	0.11	0.62	4.00	8.70
Incline	19-19	3.05	100/0	0.00	4.98	89.1	5.96	0.09	0.20	0.73	2.00
Incline	19-21	2.41	100/0	0.00	11.3	74.9	13.8	0.07	0.20	1.20	3.30
Incline	19-22	2.17	100/0	0.00	8.40	86.6	5.00	0.13	0.37	1.20	3.10
Incline	19-23	2.06	100/0	0.00	42.4	57.4	0.19	0.41	1.10	40.0	57.0
Incline	19-24	1.90	-	100	0.00	0.00	0.00	-	-	-	-
Incline	19-25	1.77	60/40	40.0	11.7	45.5	2.79	0.23	2.10	3000[1]	3000[1]
Incline	19-28	1.32	100/0	0.00	27.2	70.7	2.01	0.22	0.80	4.10	12.0
Incline	19-31	1.08	100/0	0.00	11.0	82.3	6.66	0.09	0.25	1.00	7.10
Incline	19-31	1.08	100/0	0.00	20.5	76.3	3.25	0.20	0.70	3.00	20.0
Incline	19-32	0.85	100/0	0.00	11.5	77.1	11.4	0.07	0.21	1.10	7.20
Incline	19-38	0.16	100/0	0.00	5.31	82.4	12.3	0.07	0.22	0.81	2.10
Incline	19-39	0.05	100/0	0.00	8.21	82.8	8.99	0.08	0.25	1.00	3.00
Mill	20-01	0.01	100/0	0.00	10.0	80.2	9.79	0.081	3.00	1.20	3.40
Mill	20-02	0.89	100/0	0.00	2.1	91.9	5.97	0.110	0.280	0.500	1.00
Mill	20-03	1.90	100/0	0.00	28.8	67.3	3.83	0.200	0.76	3.65	6.10
Secret Harbor	25-01	0.20	100/0	0.00	0.0	95.3	4.68	0.107	0.230	0.490	0.800
Slaughterhouse	28-02	2.25	100/0	0.00	18.2	75.1	6.70	0.120	0.600	2.20	4.80
Glenbrook	29-01	0.03	100/0	0.00	43.6	55.9	0.572	0.345	1.50	5.10	7.00
Glenbrook	29-03	2.70	100/0	0.00	38.2	59.1	2.71	0.350	1.40	11.0	23.0
Glenbrook	29-04	3.22	100/0	0.00	52.4	47.1	0.485	0.510	2.10	10.0	22.0
Glenbrook	29-06	3.35	100/0	0.00	65.0	33.6	1.40	0.600	5.00	24.0	40.0
Cave Rock	32-04	0.89	0/100	96.0	4.00	0.0	0.00	130	235	520	1155
Lincoln	33-02	1.19	24/76	0.00	0.0	94.2	5.78	0.700	11.0	54.0	250
North Zephyr	35-03	1.59	100/0	0.00	29.7	66.3	4.02	0.245	0.10	4.00	7.2
McFaul	38-04	3.23	100/0	0.00	24.8	75.2	0.00	0.111	0.475	2.10	3.50
Burke	39-02	1.58	100/0	0.00	15.3	80.1	4.61	0.120	0.508	2.00	5.10
Burke	39-05	3.58	100/0	0.00	0.0	91.9	8.08	0.075	0.150	0.310	0.550
Edgewood	40-13	5.62	100/0	0.00	28.0	67.1	4.83	0.16	0.76	3.10	6.8

Stream	Station number	River kilometer	Percent particle size/percent particle count	Percent grain size in millimeters				Particle sizes in millimeters			
				Boulder/ Cobble > 64	Gravel 2 – 64	Sand 0.062 – 2	Silt and Clay < 0.062	D_{16}	D_{50}	D_{84}	D_{95}
Edgewood	40-19	4.96	100/0	0.00	0.00	97.6	2.40	1.99	0.41	0.95	1.5
Edgewood	40-22	3.83	100/0	0.00	7.5	84.9	7.57	0.10	0.37	1.08	3.2
Edgewood	40-25	3.09	100/0	0.00	7.9	87.1	4.98	0.11	0.28	1.04	2.9
Bijou Park	41-01	1.32	100/0	0.00	17.2	78.6	4.20	0.190	0.710	2.05	4.00
Trout	43-03	4.71	100/0	0.00	40.8	55.6	3.60	0.320	1.40	3.80	6.00
Trout	43-04	7.05	100/0	0.00	19.6	71.8	8.67	0.980	0.640	2.50	9.85
Trout	43-05	6.52	100/0	0.00	9.53	78.9	11.6	0.080	0.250	0.990	3.10
Trout	43-06	7.47	100/0	0.00	2.16	94.5	3.31	0.130	0.300	5.10	1.00
Trout	43-07	8.13	8/92	18.0	74.0	7.4	0.59	4.00	22.0	65.0	180
UTR	44-04	23.0	100/0	0.00	19.3	74.3	6.33	0.13	0.41	2.80	21.0
UTR	44-06	22.5	100/0	0.00	0.79	91.7	7.47	0.09	0.22	0.48	0.89
UTR	44-08	21.8	5/95	95.0	0.14	4.68	0.18	3000[1]	3000[1]	3000[1]	3000[1]
UTR	44-11	21.4	100/0	0.00	0.21	85.7	14.1	0.069	0.15	0.33	0.50
UTR	44-12	20.7	100/0	0.00	3.26	85.6	11.1	0.077	0.21	0.53	1.40
UTR	44-15	19.9	100/0	0.00	1.68	74.3	24.0	0.033	0.13	0.53	1.20
UTR	44-16	19.3	100/0	0.00	14.0	79.8	6.21	0.13	0.52	3.50	8.60
UTR	44-17	18.6	100/0	0.00	0.00	87.0	13.0	0.072	0.23	1.00	1.60
UTR	44-19	18.0	100/0	0.00	0.16	84.1	15.7	0.063	0.13	0.34	0.63
UTR	44-20	17.8	100/0	0.00	2.56	92.3	5.13	0.090	0.20	0.41	0.77
UTR	44-21	16.9	100/0	0.00	3.81	85.1	11.1	0.078	0.10	0.47	1.30
UTR	44-24	15.3	100/0	0.00	12.5	85.7	1.77	0.32	0.80	1.80	3.40
UTR	44-26	14.8	100/0	0.00	0.00	89.7	10.3	0.072	0.16	0.24	0.42
UTR	44-30	14.1	16/84	1.04	83.0	15.7	0.27	1.80	11.0	31.0	42.0
UTR	44-39	13.5	100/0	0.00	2.43	86.7	10.9	0.076	0.18	0.42	1.30
UTR	44-43	13.1	100/0	0.00	7.60	80.9	11.5	0.078	0.22	0.89	3.20
UTR	44-59	12.1	70/30	0.00	46.3	49.2	4.51	0.12	0.50	45.0	60.0
UTR	44-67	11.2	100/0	0.00	28.9	63.0	8.03	0.10	0.41	4.80	11.0
UTR	44-68	10.8	100/0	0.00	14.1	69.7	16.2	0.060	0.22	1.50	11.0
UTR	44-72	10.0	100/0	0.00	0.24	88.5	11.2	0.071	0.13	0.38	0.78
UTR	44-75	8.50	100/0	0.00	0.00	84.4	15.6	0.064	0.20	0.90	1.40
UTR	44-78	7.14	100/0	0.00	0.00	93.2	6.83	0.090	0.18	0.32	0.47
UTR	44-82	5.84	0/100	62.0	28.0	10.0	0.00	7.00	110	210	250
UTR	44-85	5.06	100/0	0.00	1.23	81.6	17.1	0.060	0.21	0.96	1.70
UTR	44-87	4.51	100/0	0.00	0.52	83.1	16.4	0.062	0.13	0.23	0.47
UTR	44-92	2.94	100/0	0.00	5.31	87.5	7.18	0.11	0.30	1.10	2.10

Stream	Station number	River kilometer	Percent particle size/percent particle count	Percent grain size in millimeters				Particle sizes in millimeters			
				Boulder/ Cobble > 64	Gravel 2 – 64	Sand 0.062 – 2	Silt and Clay < 0.062	D_{16}	D_{50}	D_{84}	D_{95}
UTR	44-103	2.26	100/0	0.00	5.03	92.4	2.56	0.13	0.30	0.51	2.00
Taylor	46-01	0.90	100/0	0.00	36.6	54.1	9.24	0.100	0.630	12.0	42.0
Taylor	46-02	2.33	100/0	0.00	19.7	64.5	15.8	0.062	0.300	3.09	15.0
Tallac	47-01	1.37	100/0	0.00	6.16	89.9	3.90	0.170	0.340	0.725	3.17
Tallac	47-02	2.20	100/0	0.00	35.4	54.1	10.4	0.087	0.345	17.0	26.0
Tallac	47-03	2.55	100/0	0.00	4.14	89.7	6.15	0.120	0.430	1.20	1.90
Tallac	47-04	3.05	100/0	0.00	21.3	67.6	11.1	0.082	0.330	3.30	14.0
Cascade	48-01	0.69	30/70	70.0	10.9	18.7	0.39	1.10	3000[1]	3000[1]	3000[1]
Eagle	49-01	0.58	100/0	0.00	35.3	64.7	0.00	0.70	1.40	3.10	5.60
Rubicon	51-01	0.92	100/0	0.00	2.68	73.3	24.0	0.09	0.210	0.620	2.90
Rubicon	51-02	1.27	100/0	0.00	3.20	91.2	5.56	0.101	0.250	0.700	1.50
Rubicon	51-03	1.60	100/0	0.00	23.1	75.3	1.56	0.210	0.700	2.70	4.90
Paradise Flat	52-01	0.62	100/0	0.00	8.05	81.1	10.9	0.08	0.320	1.10	2.85
Lonely Gulch	53-02	1.24	-	0.00	19.9	79.6	0.541	0.41	1.00	2.25	4.10
Sierra	54-01	0.89	100/0	0.00	5.53	84.1	10.4	0.09	0.490	1.20	2.08
General	56-01	6.80	5/95	95.0	1.3	3.4	0.31	3000[1]	3000[1]	3000[1]	3000[1]
General	56-02	6.66	10/90	90.0	1.7	7.8	0.45	3000[1]	3000[1]	3000[1]	3000[1]
General	56-02	6.66	10/90	90.0	4.2	5.7	0.02	3000[1]	3000[1]	3000[1]	3000[1]
General	56-03	6.50	100/0	0.00	16.6	66.4	17.0	0.06	0.36	2.10	5.0
General	56-05	6.06	100/0	0.00	23.1	74.7	2.20	0.20	0.63	3.00	6.8
General	56-06	5.90	100/0	0.00	7.9	81.1	11.0	0.08	0.23	0.85	3.1
General	56-07	5.61	100/0	0.00	7.1	79.7	13.2	0.07	0.20	0.50	4.0
General	56-09	5.25	75/25	18.9	6.1	65.7	9.28	0.08	0.22	240	530
General	56-12	4.73	100/0	0.00	1.0	87.4	11.6	0.08	0.20	0.48	0.9
General	56-14	4.21	55/45	43.2	1.8	50.7	4.30	0.12	0.61	205	330
General	56-17	3.60	100/0	0.00	27.0	59.6	13.43	0.07	0.41	4.50	10.0
General	56-19	3.25	32/68	22.0	46.0	28.2	3.82	0.39	20.0	71.0	150
General	56-20	2.90	35/65	65.0	16.5	17.0	1.51	1.00	31.0	230	290
General	56-21	2.58	-	100	0.00	0.00	0.00	-	-	-	-
General	56-23	2.20	0/100	19.0	63.0	18.0	0.00	0.36	36.0	70.0	100
General	56-24	1.94	100/0	0.00	38.2	45.9	15.9	0.07	0.41	38.0	52.0
General	56-26	1.93	0/100	17.0	70.0	13.0	0.00	5.00	33.0	72.0	110
General	56-27	1.54	100/0	0.00	30.5	63.4	6.17	0.12	62.0	5.20	19.0
General	56-28	1.17	100/0	0.00	2.0	90.0	7.97	0.08	0.17	0.37	0.5
General	56-29	0.95	100/0	0.00	12.0	81.7	6.31	0.13	0.43	1.50	10.5
General	56-30	0.89	100/0	0.00	0.3	94.7	5.02	0.08	0.17	0.35	0.5

Stream	Station number	River kilometer	Percent particle size/percent particle count	Percent grain size in millimeters				Particle sizes in millimeters			
				Boulder/ Cobble > 64	Gravel 2 - 64	Sand 0.062 - 2	Silt and Clay < 0.062	D_{16}	D_{50}	D_{84}	D_{95}
General	56-32	0.71	90/10	10.0	32.6	51.7	5.68	0.13	0.64	24.0	80.0
General	56-36	0.30	100/0	0.00	8.3	86.2	5.56	0.11	0.25	0.70	4.0
General	56-37	0.01	100/0	0.00	66.8	33.1	0.11	0.32	0.81	17.0	27.0
McKinney	57-01	0.28	100/0	0.00	15.5	68.9	15.6	0.063	0.230	1.90	7.00
Homewood	59-01	0.09	100/0	0.00	13.5	77.1	9.38	0.102	0.40	1.60	4.00
Homewood	59-02	0.41	100/0	0.00	29.7	61.4	8.87	0.091	0.40	14.0	46.0
Blackwood	62-02	8.29	100/0	17.9	68.9	0.11	1.22	2.50	30.8	68.0	87.0
Blackwood	62-04	8.19	100/0	0.00	53.5	1.25	12.4	0.091	2.70	24.0	41.0
Blackwood	62-05	7.18	27/73	17.2	55.8	0.17	6.03	0.300	8.50	70.0	210
Blackwood	62-07	7.17	100/0	0.00	47.1	0.00	1.25	0.400	1.60	8.10	10.5
Blackwood	62-08	6.51	100/0	0.00	9.97	1.87	12.1	0.0720	0.230	0.93	4.70
Blackwood	62-12	5.08	100/0	0.00	26.1	0.00	3.86	0.07	0.34	4.80	12.5
Blackwood	62-15	4.15	100/0	0.00	32.7	1.31	8.18	0.090	0.305	34.0	51.0
Blackwood	62-18	3.95	100/0	0.00	9.97	1.87	12.1	0.075	0.240	0.95	4.90
Blackwood	62-21	2.80	100/0	0.00	51.2	0.00	4.02	0.20	2.10	24.0	40.0
Blackwood	62-22a	1.97	100/0	0.00	50.9	0.00	1.00	0.290	2.01	10.6	21.0
Blackwood	62-24	1.77	100/0	0.00	26.1	0.00	3.86	0.270	1.01	4.30	13.0
Blackwood	62-30	0.32	100/0	23.4	46.6	0.67	6.84	0.200	31.0	80.0	100
Ward	63-01	6.55	100/0	0.00	31.0	51.0	17.9	0.050	0.300	12.0	24.0
Ward	63-02	6.45	0/100	24.0	70.0	6.00	0.00	9.00	32.0	77.0	112
Ward	63-05	6.17	100/0	0.00	3.79	84.1	12.1	0.079	0.230	0.600	1.40
Ward	63-06	6.10	0/100	52.0	41.0	7.00	0.00	22.0	70.0	110	125
Ward	63-08	5.94	100/0	0.00	8.95	74.9	16.10	0.062	0.170	0.510	6.20
Ward	63-09	5.87	50/50	40.0	9.50	44.6	5.87	0.140	18.0	88.0	127
Ward	63-10	5.81	100/0	0.00	0.73	85.3	14.0	0.067	0.170	0.400	0.690
Ward	63-12	5.53	100/0	0.00	0.00	88.4	11.6	0.071	0.160	0.600	1.20
Ward	63-13	5.36	100/0	0.00	13.8	64.4	21.8	0.041	0.140	1.00	20.0
Ward	63-14	5.12	100/0	0.00	17.3	66.4	16.4	0.062	0.270	2.30	9.30
Ward	63-15	4.74	100/0	0.00	9.09	74.4	16.5	0.060	0.260	1.20	3.30
Ward	63-16	4.52	-	100	0.00	0.00	0.00	-	-	-	-
Ward	63-18	4.25	100/0	0.00	35.6	51.2	13.2	0.077	0.700	8.0	13.0
Ward	63-22	3.51	0/100	4.04	81.8	14.1	0.00	3.00	9.00	32.0	61.0
Ward	63-23	3.28	0/100	67.0	28.0	5.00	0.00	40.0	120	290	650
Ward	63-25	2.64	0/100	12.0	79.0	9.0	0.00	4.00	24.0	49.0	97.0
Ward	63-30	1.97	-	100	0.00	0.00	0.00	-	-	-	-
Ward	63-32	1.55	0/100	76.1	18.5	5.43	0.00	30.0	235	385	525

Stream	Station number	River kilometer	Percent particle size/percent particle count	Percent grain size in millimeters				Particle sizes in millimeters			
				Boulder/ Cobble > 64	Gravel 2 - 64	Sand 0.062 - 2	Silt and Clay < 0.062	D_{16}	D_{50}	D_{84}	D_{95}
Ward	63-33	1.42	100/0	0.00	15.1	74.9	9.91	0.093	0.310	1.90	10.0
Ward	63-34	1.29	0/100	41.4	50.5	7.07	1.01	9.00	45	170	220
Ward	63-35	1.14	0/100	46.5	49.5	4.04	0.00	11.0	60.0	113	225
Ward	63-39	0.78	0/100	57.6	27.3	13.1	2.02	4.00	70.0	206	296
Ward	63-40	0.63	0/100	18.0	41.0	29.0	12.0	0.400	10.0	69.0	124
Ward	63-41	0.51	30/70	34.5	35.5	24.5	5.49	0.220	32.0	108	187
Ward	63-44	0.09	0/100	34.0	55.0	8.00	3.00	7.00	41.0	99.0	180

[1] A Value of 3000 mm was given to boulders over 2 m that were not measured and to bedrock.

9.3 Appendix F

Rapid Geomorphic Assessments (RGA) - Sites

Table F-1. Summary of rapid geomorphic assessment indices for all streams.

Stream	Station number	River kilometer	Combined stability index	Channel stability index	Side-slope erosion
Tahoe State Park	01-01	0.02	8.5	8.5	0
Tahoe State Park	01-02	0.90	11.5	11.5	0
Burton	02-01	0.26	13.5	13.5	0
Burton	02-02	0.85	12.5	12.5	0
Barton	03-02	0.41	6	6	0
Barton	03-01	1.06	7	7	0
Lake Forest	04-02	0.02	0	0	0
Lake Forest	04-03	1.04	5.5	5.5	0
Lake Forest	04-01	1.85	7	7	0
Dollar	05-01	0.31	8	6.5	1.5
Dollar	05-02	1.22	7	7	0
Cedar Flats	06-01	0.06	5.5	5.5	0
Cedar Flats	06-02	0.67	11	11	0
Watson	07-01	0.04	6	6	0
Watson	07-02	1.11	6	6	0
Carnelian Bay	08-01	0.11	7	7	0
Carnelian Canyon	09-01	0.03	8.5	8.5	0
Carnelian Canyon	09-02	1.30	7	7	0
Carnelian Canyon	09-04	1.90	7	7	0
Tahoe Vista	10-01a	0.11	13.5	13.5	0
Tahoe Vista	10-01b	0.02	25	18	7
Tahoe Vista	10-02	1.27	11	11	0
Tahoe Vista	10-05	2.88	30	18	12
Tahoe Vista	10-06	2.32	16.25	11	5.25
Griff	11-01	0.09	11.5	11.5	0
Griff	11-02	0.94	15	11	4
Griff	11-03	1.93	19.25	11.5	7.75
Griff	11-04	3.06	14.5	9	5.5
Griff	11-06	1.91	7.5	7.5	0
Kings Beach	12-01	0.08	14.5	14.5	0
First	14-01	0.03	4	4	0
First	14-02	0.25	20	8	12
First	14-04	0.78	22	10	12
First	14-05	1.92	11	11	0
First	14-06	1.92	22.75	17.5	5.25
Second	15-01	0.18	29.5	22	7.5
Second	15-02	1.19	20.5	8.5	12
Burnt	16-01	0.13	14.75	11	3.75
Burnt	16-02	1.25	17	13	4
Burnt	16-03	2.17	12	12	0
Wood	17-01	0.06	13	11	2
Third	18-01	0.05	23.25	18	5.25
Third	18-02	0.59	12	10	2
Third	18-03	1.15	12	10	2
Third	18-04	2.97	16	14	2
Third	18-05	4.87	16.5	14.5	2
Third	18-08	7.61	12	10	2
Third	18-09	8.10	15	12	3
Third	18-10	2.31	17.5	12.5	5

Stream	Station number	River kilometer	Combined stability index	Channel stability index	Side-slope erosion
Incline	19-01	5.69	15.5	11.5	4
Incline	19-02	5.61	14.75	9.5	5.25
Incline	19-03	5.44	17.5	11.5	6
Incline	19-04	5.39	13.75	9.5	4.25
Incline	19-05	5.22	17.75	13.5	4.25
Incline	19-06	5.04	18.75	12	6.75
Incline	19-08	4.81	22	18	4
Incline	19-09	4.64	19	12	7
Incline	19-10	4.53	19	11.5	7.5
Incline	19-11	4.34	17.5	11.5	6
Incline	19-12	4.22	16.5	11.5	5
Incline	19-13	4.05	10.5	10.5	0
Incline	19-14	3.78	14.5	11	3.5
Incline	19-15	3.54	13	11	2
Incline	19-16	3.53	16	11.5	4.5
Incline	19-17	3.42	17	13.5	3.5
Incline	19-18	3.40	13.5	10	3.5
Incline	19-19	3.05	18	14	4
Incline	19-21	2.41	18.5	14.5	4
Incline	19-22	2.17	21.5	17.5	4
Incline	19-23	2.06	20	16	4
Incline	19-24	1.90	18.5	14.5	4
Incline	19-25	1.77	19.5	15.5	4
Incline	19-26	1.61	9.5	5.5	4
Incline	19-27	1.55	18.25	13	5.25
Incline	19-28	1.32	17	12.5	4.5
Incline	19-29	1.22	21	17	4
Incline	19-31	1.08	26	16	10
Incline	19-32	0.85	21	13.5	7.5
Incline	19-33	0.72	22.5	16.5	6
Incline	19-34	0.57	14.5	11.5	3
Incline	19-35	0.40	13	10	3
Incline	19-36	0.26	16.5	13.5	3
Incline	19-37	0.21	12	10	2
Incline	19-38	0.16	25.25	19.5	5.75
Incline	19-39	0.05	20.5	16.5	4
Mill	20-01	0.01	25.5	21.5	4
Mill	20-02	0.89	14.5	10.5	4
Mill Creek	20-03	1.90	12	10	2
Tunnel	21-01	0.07	16.5	12.5	4
Tunnel	21-02	1.22	11.75	9	2.75
Bonpland	22-01	0.07	9	7	2
Marlette	24-01	0.01	16.75	13	3.75
Marlette	24-02	0.92	21	15	6
Marlette	24-03	1.28	27.5	24.5	3
Secret Harbor	25-01	0.20	10	7.5	2.5
Secret Harbor	25-02	0.55	12.5	8.5	4
Secret Harbor	25-05	0.04	10.25	7	3.25
Secret Harbor	25-06	1.27	16	12.5	3.5
Bliss	26-01	0.39	17.5	14.5	3

Stream	Station number	River kilometer	Combined stability index	Channel stability index	Side-slope erosion
Bliss	26-02	1.20	10.5	7.5	3
Dead Mans Point	27-01	0.04	12	9	3
Dead Mans Point	27-02	0.59	15	12	3
Slaughterhouse	28-01	0.23	11	7.5	3.5
Slaughterhouse	28-02	2.25	19.5	16.5	3
Slaughterhouse	28-03	4.51	15.5	11.5	4
Glenbrook	29-01	0.03	20	17	3
Glenbrook	29-02	0.76	12.5	9.5	3
Glenbrook	29-03	2.70	18	14.5	3.5
Glenbrook	29-04	3.22	28.5	24.5	4
Glenbrook	29-06	3.35	19.5	15.5	4
North Logan House	30-02	0.48	15	12	3
Logan House	31-01	3.94	11	7	4
Logan House	31-04	3.02	12	8	4
Logan House	31-06	2.55	14	10	4
Logan House	31-08	1.71	14	10	4
Logan House	31-10	1.21	13.5	9.5	4
Cave Rock	32-01	0.19	15	12	3
Cave Rock	32-02	0.09	20	16	4
Cave Rock	32-04	0.89	23	19.5	3.5
Lincoln	33-01	0.22	23	19.5	3.5
Lincoln	33-02	1.19	21.5	18	3.5
North Zephyr	35-01	0.28	24.5	20.5	4
North Zephyr	35-02	1.26	20	16	4
North Zephyr	35-03	1.59	25	21	4
Zephyr	37-01	0.13	21	17	4
Zephyr	37-02	0.99	24.5	18.5	6
McFaul	38-01	0.52	29	22.5	6.5
McFaul	38-02	1.69	21.5	19.5	2
McFaul	38-04	3.23	33.5	27.5	6
Burke	39-01	0.13	13.5	13.5	0
Burke	39-02	1.58	17	14	3
Burke	39-03	3.20	6.5	6.5	0
Burke	39-04	3.21	10.5	10.5	0
Burke	39-05	3.58	15.5	12	3.5
Burke	39-06	4.13	9	6	3
Burke	39-09	6.25	9.75	6.5	3.25
Edgewood	40-01	7.22	14	9.5	4.5
Edgewood	40-02	7.21	24	19.5	4.5
Edgewood	40-03	7.23	30.5	19.5	11
Edgewood	40-05	6.41	12.25	9	3.25
Edgewood	40-07	6.22	8.75	5.5	3.25
Edgewood	40-11	6.15	17	12.5	4.5
Edgewood	40-13	5.62	30	19	11
Edgewood	40-19	4.96	12.25	8.5	3.75
Edgewood	40-22	3.83	17.25	13.5	3.75
Edgewood	40-25	3.09	20	16.5	3.5
Edgewood	40-27	1.20	12.5	8.5	4
Edgewood	40-27a	0.20	15	11	4
Bijou Park	41-01	1.32	23	20	3

Stream	Station number	River kilometer	Combined stability index	Channel stability index	Side-slope erosion
Bijou Park	41-02	1.88	22.5	19.5	3
Bijou	42-01	0.54	18	14.5	3.5
Bijou	42-02	2.16	19	16	3
Bijou	42-03	3.44	16	16	0
Trout	43-01	1.45	10	10	0
Trout	43-02	2.49	16.5	13	3.5
Trout	43-03	4.71	18	18	0
Trout	43-04	7.05	21.5	18.5	3
Trout	43-05	6.52	21.5	18.5	3
Trout	43-06	7.47	22	19	3
Trout	43-07	8.13	17.75	14	3.75
Upper Truckee	44-01	24.2	15	15	0
Upper Truckee	44-04	23.0	14.5	14.5	0
Upper Truckee	44-06	22.5	15.5	15.5	0
Upper Truckee	44-08	21.8	13.25	11	2.25
Upper Truckee	44-11	21.4	15.75	12.5	3.25
Upper Truckee	44-12	20.7	19.5	19.5	0
Upper Truckee	44-15	19.9	19.75	16	3.75
Upper Truckee	44-16	19.3	23.75	20	3.75
Upper Truckee	44-17	18.6	15	15	0
Upper Truckee	44-19	18.0	14.75	12.5	2.25
Upper Truckee	44-20	17.8	17	17	0
Upper Truckee	44-21	16.9	14.5	11	3.5
Upper Truckee	44-21a	16.4	12.5	12.5	0
Upper Truckee	44-22	15.9	9.5	9.5	0
Upper Truckee	44-24	15.3	14	14	0
Upper Truckee	44-26	14.8	15.5	15.5	0
Upper Truckee	44-30	14.1	8.5	8.5	0
Upper Truckee	44-39	13.5	16.5	16.5	0
Upper Truckee	44-43	13.1	21.5	21.5	0
Upper Truckee	44-59	12.1	15	15	0
Upper Truckee	44-67	11.2	19	19	0
Upper Truckee	44-68	10.8	18	18	0
Upper Truckee	44-72	10.0	15.5	15.5	0
Upper Truckee	44-75	8.50	18	18	0
Upper Truckee	44-78	7.14	19	19	0
Upper Truckee	44-82	5.84	18.75	15	3.75
Upper Truckee	44-85	5.06	21	21	0
Upper Truckee	44-87	4.51	20.25	16.5	3.75
Upper Truckee	44-92	2.94	21.25	17.5	3.75
Taylor	46-01	0.90	8	8	0
Taylor	46-02	2.33	8	8	0
Tallac	47-01	1.37	8.5	8.5	0
Tallac	47-02	2.20	9	9	0
Tallac	47-03	2.55	9	9	0
Tallac	47-04	3.05	8.5	8.5	0
Tallac	47-05	2.95	7	7	0
Cascade	48-01	0.69	12	10	2
Eagle	49-01	0.58	7	5.5	1.5
Bliss State Park	50-01	0.41	5.5	5.5	0

Stream	Station number	River kilometer	Combined stability index	Channel stability index	Side-slope erosion
Rubicon	51-01	0.92	11	11	0
Rubicon	51-02	1.27	8	6	2
Rubicon	51-03	1.60	13.5	13.5	0
Rubicon	51-04	1.71	8	8	0
Rubicon	51-05	2.11	5.5	5.5	0
Paradise Flat	52-01	0.62	18	18	0
Lonely Gulch	53-01	0.81	6.5	6.5	0
Lonely Gulch	53-02	1.24	10	10	0
Sierra	54-01	0.89	6	6	0
Meeks	55-01	1.23	12.5	12.5	0
Meeks	55-02	3.15	13	13	0
Meeks	55-03	3.50	12.5	12.5	0
Meeks	55-04	3.50	14	14	0
General	56-01	6.80	10	8	2
General	56-02	6.66	11	8	3
General	56-03	6.50	23.5	17.5	6
General	56-05	6.06	15.5	10.5	5
General	56-06	5.90	19.5	13.5	6
General	56-08	5.33	16.5	11.5	5
General	56-09	5.25	14.5	11.5	3
General	56-11	5.05	8.5	8.5	0
General	56-12	4.73	21.5	16.5	5
General	56-14	4.21	13	13	0
General	56-16	3.62	16	16	0
General	56-17	3.60	16.5	16.5	0
General	56-18	3.59	11.5	11.5	0
General	56-19	3.25	15	15	0
General	56-20	2.97	11.75	8.5	3.25
General	56-21	2.58	21.5	17.5	4
General	56-23	2.20	20	20	0
General	56-24	1.94	18.5	14	4.5
General	56-26	1.93	8.5	8.5	0
General	56-27	1.54	21.5	15	6.5
General	56-28	1.17	19	15	4
General	56-29	0.95	28.5	20.5	8
General	56-30	0.89	22	17.5	4.5
General	56-32	0.71	13.5	13.5	0
General	56-34	0.57	8	8	0
General	56-36	0.30	14.5	8.5	6
General	56-37	0.01	20.75	17.5	3.25
General	GC45	8.08	10.5	7.5	3
McKinney	57-01	0.28	10	10	0
McKinney	57-02	1.25	9	9	0
Quail Lane	58-01	0.02	6	6	0
Quail Lane	58-02	0.21	7	7	0
Homewood	59-01	0.09	18	18	0
Homewood	59-02	0.41	16	16	0
Madden	60-1	0.10	11	11	0
Blackwood	62-02	8.29	11.5	9	2.5
Blackwood	62-04	8.19	18.75	13	5.75

Stream	Station number	River kilometer	Combined stability index	Channel stability index	Side-slope erosion
Blackwood	62-04a	7.69	14	10.5	3.5
Blackwood	62-05	7.18	14	11	3
Blackwood	62-07	7.17	28	21	7
Blackwood	62-07a	6.84	14	11	3
Blackwood	62-08	6.51	21.5	15	6.5
Blackwood	62-10a	5.55	13	9.5	3.5
Blackwood	62-10b	6.03	18.5	14.5	4
Blackwood	62-12	5.08	23.5	17	6.5
Blackwood	62-15	4.15	16.5	16.5	0
Blackwood	62-18	3.95	27	19.5	7.5
Blackwood	62-21	2.80	21.5	15	6.5
Blackwood	62-22a	1.97	17	17	0
Blackwood	62-24	1.77	22	17	5
Blackwood	62-30	0.32	21	15	6
Blackwood	62-32	0.00	17	17	0
Ward	63-01	6.55	11.5	11.5	0
Ward	63-02	6.45	14	14	0
Ward	63-03	6.42	5.5	5.5	0
Ward	63-04	6.27	13	13	0
Ward	63-05	6.17	13	13	0
Ward	63-06	6.10	12.5	12.5	0
Ward	63-08	5.94	16	16	0
Ward	63-09	5.87	12	12	0
Ward	63-10	5.81	11	11	0
Ward	63-12	5.53	14.5	14.5	0
Ward	63-13	5.36	12	12	0
Ward	63-14	5.12	14	14	0
Ward	63-15	4.74	16.5	16.5	0
Ward	63-16	4.52	12.5	12.5	0
Ward	63-18	4.25	15.5	15.5	0
Ward	63-19	4.06	17	15	2
Ward	63-21	3.64	18.5	18.5	0
Ward	63-22	3.51	19.5	14.5	5
Ward	63-23	3.28	13	13	0
Ward	63-25	2.64	11.5	8.5	3
Ward	63-26	2.38	20.5	18	2.5
Ward	63-29	2.08	13	11	2
Ward	63-30	1.97	14	10.5	3.5
Ward	63-32	1.55	10	10	0
Ward	63-33	1.42	13.5	13.5	0
Ward	63-34	1.29	13.5	13.5	0
Ward	63-35	1.14	7.5	7.5	0
Ward	63-36	1.12	12.5	12.5	0
Ward	63-37	1.11	15	15	0
Ward	63-39	0.78	17.5	17.5	0
Ward	63-40	0.63	20.5	17	3.5
Ward	63-41	0.51	12.5	12.5	0
Ward	63-42	0.44	19.5	19.5	0
Ward	63-43	0.25	17.5	17.5	0
Ward	63-44	0.09	5.5	5.5	0

Table F-2. Detailed summary of rapid geomorphic assessments for all streams.

Stream	Station number	River kilometer	Stage of channel evolution	Bed material	Bed or bank protection	Incision	Constriction	Stream bank erosion		Stream bank instability		Woody vegetative cover		Bank accretion		Channel stability index	Percent sediment contribution from side-slopes		Side-slope erosion	Combined stability index
								Left	Right	Left	Right	Left	Right	Left	Right		Left	Right		
Tahoe State Park	01-01	0.02	I	Cobble/Gravel	No	11-25%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	11-25%	11-25%	8.5	0	0	0	8.5
Tahoe State Park	01-02	0.90	I	Gravel/Sand	No	0-10%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	11.5	0	0	0	11.5
Burton	02-01	0.26	V	Boulder/Cobble	No	0-10%	0-10%	Fluvial	None	26-50%	0-10%	26-50%	76-100%	26-50%	51-75%	12.5	0	0	0	12.5
Burton	02-02	0.85	V	Bedrock/Cobble	No	0-10%	0-10%	Fluvial	None	26-50%	0-10%	26-50%	26-50%	0-10%	0-10%	13.5	0	0	0	13.5
Barton	03-01	0.41	I	Sand	No	76-100%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	11-25%	11-25%	6	0	0	0	6
Barton	03-02	1.06	I	Boulder/Cobble	No	76-100%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	7	0	0	0	7
Lake Forest	04-01	0.02	I	Gravel	No	76-100%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	0	0	0	0	0
Lake Forest	04-02	1.04	II	Bedrock	Bed and Banks	-	-	-	-	-	-	-	-	-	-	5.5	0	0	0	5.5
Lake Forest	04-03	1.85	I	Bedrock/Cobble	No	76-100%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	7	0	0	0	7
Dollar	05-01	0.31	I	Cobble/Gravel	No	51-75%	0-10%	Fluvial	None	11-25%	0-10%	51-75%	76-100%	51-75%	51-75%	6.5	0	0	1.5	8
Dollar	05-02	1.22	I	Gravel	No	76-100%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	7	0	0	0	7
Cedar Flats	06-01	0.06	I	Bedrock/Cobble	No	76-100%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	5.5	0	0	0	5.5
Cedar Flats	06-02	0.67	IV	Boulder/Cobble	No	76-100%	0-10%	Fluvial	Fluvial	11-25%	11-25%	76-100%	76-100%	26-50%	26-50%	11	0	0	0	11
Watson	07-01	0.04	I	Boulder/Cobble	No	76-100%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	6	0	0	0	6
Watson	07-02	1.11	I	Boulder/Cobble	No	76-100%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	6	0	0	0	6
Carnelian Bay	08-01	0.11	I	Gravel	No	76-100%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	7	0	0	0	7
Carnelian Canyon	09-01	0.03	I	Gravel	No	76-100%	0-10%	None	Fluvial	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	8.5	0	0	0	8.5
Carnelian Canyon	09-02	1.30	I	Gravel	No	76-100%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	7	0	0	0	7
Carnelian Canyon	09-04	1.90	I	Gravel	No	76-100%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	7	0	0	0	7
Tahoe Vista	10-01a	0.11	I	Boulder/Cobble	No	76-100%	76-100%	None	None	0-10%	0-10%	26-50%	11-25%	0-10%	0-10%	11	0	0	0	11
Tahoe Vista	10-01b	0.02	V	Sand	No	26-50%	0-10%	Fluvial	Fluvial	26-50%	11-25%	26-50%	11-25%	26-50%	0-10%	11	0	100	7	16.25
Tahoe Vista	10-02	1.27	I	Silt Clay	No	51-75%	0-10%	None	None	0-10%	0-10%	51-75%	51-75%	0-10%	0-10%	13.5	0	0	0	13.5
Tahoe Vista	10-05	2.88	V	Boulder/Cobble	No	0-10%	0-10%	Mass Wasting	Mass Wasting	76-100%	51-75%	76-100%	76-100%	26-50%	51-75%	18	100	100	12	25
Tahoe Vista	10-06	2.32	I	Boulder/Cobble	No	0-10%	0-10%	Fluvial	Fluvial	0-10%	0-10%	51-75%	51-75%	26-50%	26-50%	18	50	60	5.25	30
Griff	11-01	0.09	III	Boulder/Cobble	No	26-50%	0-10%	Fluvial	None	0-10%	0-10%	51-75%	76-100%	0-10%	0-10%	11.5	0	0	0	11.5
Griff	11-02	0.94	I	Boulder/Cobble	No	11-25%	0-10%	Fluvial	Fluvial	11-25%	11-25%	51-75%	51-75%	11-25%	11-25%	11	0	0	4	15
Griff	11-03	1.93	I	Boulder/Cobble	No	11-25%	0-10%	Fluvial	Fluvial	26-50%	26-50%	76-100%	76-100%	11-25%	26-50%	11.5	75	50	7.75	19.25
Griff	11-04	3.06	I	Boulder/Cobble	No	26-50%	0-10%	Fluvial	Fluvial	0-10%	0-10%	76-100%	76-100%	11-25%	11-25%	9	40	80	5.5	14.5
Griff	11-06	1.91	I	Gravel	No	76-100%	0-10%	None	Fluvial	0-10%	0-10%	51-75%	51-75%	26-50%	11-25%	7.5	0	0	0	7.5

Stream	Station number	River kilometer	Stage of channel evolution	Bed material	Bed or bank protection	Incision	Constriction	Stream bank erosion		Stream bank instability		Woody vegetative cover		Bank accretion		Channel stability index	Percent sediment contribution from side-slopes		Side-slope erosion	Combined stability index
								Left	Right	Left	Right	Left	Right	Left	Right		Left	Right		
Kings Beach	12-01	0.08	I	Boulder/Cobble	No	0-10%	0-10%	Fluvial	Fluvial	0-10%	0-10%	0-10%	11-25%	11-25%	11-25%	14.5	0	0	0	14.5
First	14-01	0.03	I	Boulder/Cobble	No	76-100%	0-10%	None	None	0-10%	0-10%	26-50%	26-50%	76-100%	76-100%	4	0	0	0	4
First	14-02	0.25	I	Boulder/Cobble	No	51-75%	0-10%	Fluvial	Fluvial	0-10%	0-10%	76-100%	76-100%	11-25%	11-25%	8	100	100	12	20
First	14-04	0.78	I	Boulder/Cobble	No	26-50%	0-10%	Fluvial	Fluvial	0-10%	0-10%	26-50%	26-50%	26-50%	26-50%	10	85	100	12	22
First	14-05	1.92	I	Boulder/Cobble	No	0-10%	0-10%	None	None	0-10%	0-10%	51-75%	51-75%	0-10%	0-10%	11	0	0	0	11
First	14-06	1.92	V	Boulder/Cobble	No	0-10%	0-10%	Fluvial	Mass Wasting	11-25%	51-75%	76-100%	76-100%	11-25%	0-10%	17.5	50	70	5.25	22.75
Second	15-01	0.18	V	Boulder/Cobble	No	0-10%	0-10%	Mass Wasting	Mass Wasting	51-75%	51-75%	11-25%	11-25%	11-25%	11-25%	22	70	75	7.5	29.5
Second	15-02	1.19	I	Boulder/Cobble	No	51-75%	0-10%	Fluvial	None	0-10%	0-10%	11-25%	51-75%	11-25%	26-50%	8.5	100	100	12	20.5
Burnt	16-01	0.13	I	Boulder/Cobble	No	26-50%	0-10%	Mass Wasting	Fluvial	26-50%	11-25%	51-75%	76-100%	26-50%	26-50%	11	40	20	3.75	14.75
Burnt	16-02	1.25	I	Sand	No	11-25%	0-10%	Fluvial	Fluvial	11-25%	26-50%	76-100%	76-100%	26-50%	11-25%	13	25	40	4	17
Burnt	16-03	2.17	I	Sand	No	26-50%	0-10%	Fluvial	Fluvial	11-25%	26-50%	76-100%	76-100%	26-50%	11-25%	12	0	0	0	12
Wood	17-01	0.06	I	Boulder/Cobble	No	0-10%	0-10%	None	None	0-10%	0-10%	26-50%	51-75%	0-10%	11-25%	11	0	0	2	13
Third	18-01	0.05	V	Gravel	No	11-25%	11-25%	Mass Wasting	Fluvial	51-75%	26-50%	51-75%	51-75%	26-50%	51-75%	18	65	50	5.25	23.25
Third	18-02	0.59	I	Boulder/Cobble	No	11-25%	0-10%	Fluvial	Fluvial	11-25%	11-25%	76-100%	76-100%	26-50%	26-50%	10	20	15	2	12
Third	18-03	1.15	I	Boulder/Cobble	No	11-25%	0-10%	Fluvial	None	0-10%	0-10%	51-75%	51-75%	11-25%	11-25%	10	10	5	2	12
Third	18-04	2.97	I	Boulder/Cobble	One Bank	26-50%	0-10%	Fluvial	Fluvial	11-25%	26-50%	11-25%	11-25%	11-25%	26-50%	14	25	0	2	16
Third	18-05	4.87	III	Boulder/Cobble	No	11-25%	0-10%	Fluvial	None	11-25%	0-10%	26-50%	26-50%	0-10%	0-10%	14.5	20	0	2	16.5
Third	18-08	7.61	I	Boulder/Cobble	No	26-50%	0-10%	Fluvial	Fluvial	11-25%	11-25%	76-100%	76-100%	11-25%	11-25%	10	75	80	2	12
Third	18-09	8.10	I	Boulder/Cobble	No	11-25%	0-10%	Fluvial	Fluvial	51-75%	26-50%	76-100%	76-100%	26-50%	11-25%	12	60	50	3	15
Third	18-10	2.31	I	Boulder/Cobble	No	11-25%	0-10%	Fluvial	Fluvial	51-75%	26-50%	51-75%	76-100%	11-25%	26-50%	12.5	35	40	5	17.5
Incline	19-01	5.69	I	Boulder/Cobble	No	11-25%	11-25%	None	None	0-10%	0-10%	26-50%	26-50%	0-10%	11-25%	11.5	25	70	4	15.5
Incline	19-02	5.61	I	Gravel	No	0-10%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	26-50%	11-25%	9.5	75	80	5.25	14.75
Incline	19-03	5.44	I	Gravel	No	0-10%	0-10%	None	None	11-25%	11-25%	76-100%	76-100%	0-10%	11-25%	11.5	85	95	6	17.5
Incline	19-04	5.39	I	Boulder/Cobble	No	0-10%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	11-25%	9.5	60	40	4.25	13.75
Incline	19-05	5.22	I	Gravel	No	0-10%	11-25%	None	Fluvial	11-25%	0-10%	76-100%	76-100%	0-10%	0-10%	13.5	65	85	4.25	17.75
Incline	19-06	5.04	I	Boulder/Cobble	Both Banks	11-25%	0-10%	None	None	0-10%	0-10%	51-75%	51-75%	0-10%	0-10%	12	20	80	6.75	18.75
Incline	19-08	4.81	I	Boulder/Cobble	No	0-10%	0-10%	Mass Wasting	Mass Wasting	76-100%	76-100%	76-100%	76-100%	0-10%	0-10%	18	80	80	4	22
Incline	19-09	4.64	I	Gravel	No	0-10%	0-10%	Fluvial	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	12	95	100	7	19
Incline	19-10	4.53	I	Gravel	No	11-25%	11-25%	Fluvial	None	0-10%	0-10%	76-100%	76-100%	0-10%	11-25%	11.5	95	100	7.5	19
Incline	19-11	4.34	I	Gravel	No	11-25%	0-10%	Fluvial	Fluvial	0-10%	0-10%	76-100%	76-100%	0-10%	11-25%	11.5	85	80	6	17.5

Stream	Station number	River kilometer	Stage of channel evolution	Bed material	Bed or bank protection	Incision	Constriction	Stream bank erosion		Stream bank instability		Woody vegetative cover		Bank accretion		Channel stability index	Percent sediment contribution from side-slopes		Side-slope erosion	Combined stability index
								Left	Right	Left	Right	Left	Right	Left	Right		Left	Right		
Incline	19-12	4.22	I	Gravel	No	0-10%	0-10%	Fluvial	None	0-10%	0-10%	76-100%	76-100%	0-10%	11-25%	11.5	95	30	5	16.5
Incline	19-13	4.05	I	Boulder/Cobble	No	11-25%	0-10%	Fluvial	Fluvial	0-10%	0-10%	76-100%	76-100%	11-25%	0-10%	10.5	0	0	0	10.5
Incline	19-14	3.78	I	Boulder/Cobble	One Bank	26-50%	0-10%	Fluvial	Fluvial	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	11	20	15	3.5	14.5
Incline	19-15	3.54	I	Boulder/Cobble	One Bank	0-10%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	11	0	0	2	13
Incline	19-16	3.53	I	Sand	No	11-25%	0-10%	None	None	11-25%	11-25%	0-10%	11-25%	76-100%	76-100%	11.5	50	20	4.5	16
Incline	19-17	3.42	I	Gravel	No	11-25%	26-50%	None	Fluvial	0-10%	11-25%	51-75%	11-25%	26-50%	26-50%	13.5	0	40	3.5	17
Incline	19-18	3.40	I	Sand	No	11-25%	0-10%	None	Fluvial	0-10%	11-25%	51-75%	26-50%	76-100%	76-100%	10	20	20	3.5	13.5
Incline	19-19	3.05	I	Gravel	No	11-25%	0-10%	Fluvial	Fluvial	0-10%	0-10%	26-50%	26-50%	0-10%	0-10%	14	0	0	4	18
Incline	19-21	2.41	III	Boulder/Cobble	No	0-10%	0-10%	Fluvial	Fluvial	0-10%	0-10%	51-75%	76-100%	0-10%	0-10%	14.5	95	80	4	18.5
Incline	19-22	2.17	III	Boulder/Cobble	Bed and Banks	0-10%	0-10%	Fluvial	Fluvial	11-25%	0-10%	26-50%	26-50%	0-10%	0-10%	17.5	20	60	4	21.5
Incline	19-23	2.06	III	Boulder/Cobble	No	0-10%	0-10%	None	Fluvial	0-10%	11-25%	11-25%	11-25%	11-25%	0-10%	16	80	10	4	20
Incline	19-24	1.90	III	Boulder/Cobble	No	26-50%	0-10%	Fluvial	Fluvial	51-75%	11-25%	51-75%	51-75%	0-10%	11-25%	14.5	75	25	4	18.5
Incline	19-25	1.77	III	Boulder/Cobble	One Bank	26-50%	0-10%	Fluvial	Fluvial	0-10%	0-10%	11-25%	26-50%	0-10%	0-10%	15.5	15	70	4	19.5
Incline	19-26	1.61	I	Gravel	No	76-100%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	11-25%	26-50%	5.5	0	0	4	9.5
Incline	19-27	1.55	I	Gravel	No	51-75%	0-10%	Fluvial	Fluvial	0-10%	0-10%	26-50%	0-10%	0-10%	0-10%	13	50	60	5.25	18.25
Incline	19-28	1.32	I	Boulder/Cobble	No	11-25%	0-10%	Fluvial	Fluvial	0-10%	11-25%	51-75%	51-75%	0-10%	0-10%	12.5	0	45	4.5	17
Incline	19-29	1.22	II	Gravel	One Bank	0-10%	0-10%	None	None	0-10%	0-10%	0-10%	0-10%	0-10%	0-10%	17	0	0	4	21
Incline	19-31	1.08	V	Sand	No	11-25%	0-10%	Fluvial	Fluvial	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	16	100	100	10	26
Incline	19-32	0.85	V	Boulder/Cobble	No	0-10%	0-10%	Fluvial	Fluvial	0-10%	0-10%	76-100%	76-100%	11-25%	26-50%	13.5	80	75	7.5	21
Incline	19-33	0.72	V	Boulder/Cobble	No	11-25%	26-50%	Fluvial	Fluvial	0-10%	0-10%	11-25%	26-50%	26-50%	26-50%	16.5	85	80	6	22.5
Incline	19-34	0.57	I	Boulder/Cobble	Both Banks	26-50%	0-10%	None	Fluvial	0-10%	11-25%	26-50%	26-50%	26-50%	0-10%	11.5	0	30	3	14.5
Incline	19-35	0.40	I	Boulder/Cobble	No	11-25%	0-10%	Fluvial	None	26-50%	0-10%	51-75%	51-75%	11-25%	51-75%	10	30	5	3	13
Incline	19-36	0.26	I	Sand	No	51-75%	0-10%	Fluvial	Fluvial	51-75%	11-25%	51-75%	51-75%	0-10%	11-25%	13.5	50	20	3	16.5
Incline	19-37	0.21	I	Boulder/Cobble	No	11-25%	0-10%	None	Fluvial	0-10%	51-75%	51-75%	51-75%	51-75%	26-50%	10	10	55	2	12
Incline	19-38	0.16	V	Boulder/Cobble	No	11-25%	26-50%	Mass Wasting	Fluvial	76-100%	11-25%	26-50%	76-100%	0-10%	26-50%	19.5	80	55	5.75	25.25
Incline	19-39	0.05	V	Gravel	One Bank	11-25%	0-10%	Fluvial	None	0-10%	0-10%	26-50%	11-25%	0-10%	26-50%	16.5	95	0	4	20.5
Mill Creek	20-01	0.01	IV	Sand	No	51-75%	0-10%	Fluvial	Fluvial	51-75%	51-75%	0-10%	11-25%	0-10%	0-10%	21.5	0	0	4	25.5
Mill	20-02	0.89	V	Gravel/Sand	No	76-100%	0-10%	None	None	0-10%	0-10%	0-10%	0-10%	76-100%	76-100%	10.5	0	0	4	14.5
Mill	20-03	1.90	I	Silt Clay	No	76-100%	0-10%	None	None	0-10%	0-10%	51-75%	51-75%	0-10%	0-10%	10	0	0	2	12
Tunnel	21-01	0.07	VI	Sand	No	76-100%	0-10%	Fluvial	Fluvial	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	12.5	0	0	4	16.5

Stream	Station number	River kilometer	Stage of channel evolution	Bed material	Bed or bank protection	Incision	Constriction	Stream bank erosion		Stream bank instability		Woody vegetative cover		Bank accretion		Channel stability index	Percent sediment contribution from side-slopes		Side-slope erosion	Combined stability index
								Left	Right	Left	Right	Left	Right	Left	Right		Left	Right		
Tunnel	21-02	1.22	I	Boulder/Cobble	No	76-100%	0-10%	None	None	0-10%	0-10%	11-25%	11-25%	0-10%	0-10%	9	10	20	2.75	11.75
Bonpland	22-01	0.07	I	Gravel	No	76-100%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	7	0	0	2	9
Marlette	24-01	0.01	V	Gravel	No	51-75%	0-10%	Fluvial	Fluvial	11-25%	11-25%	51-75%	51-75%	26-50%	26-50%	13	20	40	3.75	16.75
Marlette	24-02	0.92	VI	Gravel/Sand	No	51-75%	0-10%	Fluvial	Fluvial	11-25%	26-50%	11-25%	11-25%	26-50%	11-25%	15	50	50	6	21
Marlette	24-03	1.28	III	Sand	No	0-10%	0-10%	Mass Wasting	Mass Wasting	76-100%	76-100%	26-50%	11-25%	0-10%	0-10%	24.5	0	0	3	27.5
Secret Harbour	25-01	0.20	I	Gravel	No	51-75%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	11-25%	0-10%	7.5	5	5	2.5	10
Secret Harbour	25-02	0.55	VI	Gravel	No	76-100%	0-10%	Fluvial	Fluvial	0-10%	11-25%	51-75%	76-100%	51-75%	51-75%	8.5	0	0	4	12.5
Secret Harbour	25-05	0.04	I	Gravel	No	76-100%	0-10%	None	None	0-10%	0-10%	0-10%	0-10%	76-100%	76-100%	7	0	20	3.25	10.25
Secret Harbour	25-06	1.27	I	Sand/Silt Clay	No	76-100%	76-100%	None	None	0-10%	0-10%	11-25%	11-25%	51-75%	51-75%	12.5	0	0	3.5	16
Bliss	26-01	0.39	I	Sand	No	26-50%	0-10%	Fluvial	Fluvial	11-25%	11-25%	26-50%	26-50%	0-10%	0-10%	14.5	0	0	3	17.5
Bliss	26-02	1.20	I	Sand	No	76-100%	0-10%	None	None	0-10%	0-10%	51-75%	51-75%	26-50%	26-50%	7.5	0	0	3	10.5
Dead Mans Point	27-01	0.04	I	Sand	No	76-100%	0-10%	None	None	0-10%	0-10%	51-75%	51-75%	0-10%	0-10%	9	0	0	3	12
Dead Mans Point	27-02	0.59	I	Sand	No	76-100%	0-10%	None	None	0-10%	0-10%	0-10%	0-10%	0-10%	0-10%	12	0	0	3	15
Slaughterhouse	28-01	0.23	I	Gravel	No	76-100%	0-10%	None	None	0-10%	0-10%	51-75%	51-75%	0-10%	0-10%	7.5	0	0	3.5	11
Slaughterhouse	28-02	2.25	VI	Sand	No	51-75%	0-10%	Fluvial	Fluvial	11-25%	11-25%	11-25%	11-25%	0-10%	0-10%	16.5	0	0	3	19.5
Slaughterhouse	28-03	4.51	I	Sand/Silt Clay	No	76-100%	0-10%	None	None	0-10%	0-10%	11-25%	11-25%	0-10%	0-10%	11.5	0	0	4	15.5
Glenbrook	29-01	0.03	V	Gravel/Sand	No	26-50%	51-75%	None	Fluvial	11-25%	0-10%	76-100%	51-75%	0-10%	11-25%	17	0	0	3	20
Glenbrook	29-02	0.76	I	Gravel	No	76-100%	0-10%	None	Fluvial	0-10%	11-25%	26-50%	26-50%	0-10%	26-50%	9.5	10	0	3	12.5
Glenbrook	29-03	2.70	VI	Gravel	No	26-50%	0-10%	Fluvial	Fluvial	11-25%	11-25%	51-75%	51-75%	0-10%	0-10%	14.5	5	5	3.5	18
Glenbrook	29-04	3.22	IV	Gravel/Sand	No	0-10%	0-10%	Mass Wasting	Mass Wasting	26-50%	26-50%	11-25%	11-25%	0-10%	0-10%	24.5	10	10	4	28.5
Glenbrook	29-06	3.35	I	Gravel/Sand	No	11-25%	11-25%	Fluvial	Fluvial	0-10%	0-10%	26-50%	26-50%	0-10%	0-10%	15.5	50	50	4	19.5
North Logan House	30-02	0.48	I	Boulder/Cobble	No	26-50%	0-10%	Fluvial	Fluvial	11-25%	11-25%	51-75%	51-75%	0-10%	0-10%	12	0	0	3	15
Logan House	31-01	3.94	I	Gravel	No	76-100%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	7	0	0	4	11
Logan House	31-04	3.02	I	Sand	No	76-100%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	8	50	0	4	12
Logan House	31-06	2.55	I	Sand	No	26-50%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	10	0	0	4	14
Logan House	31-08	1.71	I	Sand	No	26-50%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	10	0	0	4	14
Logan House	31-10	1.21	I	Gravel/Sand	No	26-50%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	9.5	75	75	4	13.5
Cave Rock	32-01	0.19	I	Sand	No	76-100%	0-10%	None	None	0-10%	0-10%	0-10%	0-10%	0-10%	0-10%	12	0	0	3	15
Cave Rock	32-02	0.09	I	Sand	No	0-10%	0-10%	None	None	0-10%	0-10%	0-10%	0-10%	0-10%	0-10%	16	20	20	4	20
Cave Rock	32-04	0.89	VI	Sand	No	0-10%	0-10%	Fluvial	Fluvial	0-10%	0-10%	0-10%	0-10%	0-10%	0-10%	19.5	50	50	3.5	23

Stream	Station number	River kilometer	Stage of channel evolution	Bed material	Bed or bank protection	Incision	Constriction	Stream bank erosion		Stream bank instability		Woody vegetative cover		Bank accretion		Channel stability index	Percent sediment contribution from side-slopes		Side-slope erosion	Combined stability index
								Left	Right	Left	Right	Left	Right	Left	Right		Left	Right		
Lincoln	33-01	0.22	VI	Sand	No	0-10%	11-25%	Fluvial	Fluvial	0-10%	0-10%	11-25%	11-25%	0-10%	0-10%	19.5	50	50	3.5	23
Lincoln	33-02	1.19	III	Gravel	No	0-10%	0-10%	Fluvial	Fluvial	11-25%	11-25%	11-25%	11-25%	0-10%	0-10%	18	50	50	3.5	21.5
North Zephyr	35-01	0.28	VI	Sand	No	0-10%	51-75%	Fluvial	Fluvial	0-10%	0-10%	26-50%	26-50%	0-10%	0-10%	20.5	50	50	4	24.5
North Zephyr	35-02	1.26	VI	Sand	No	51-75%	11-25%	Mass Wasting	Fluvial	0-10%	11-25%	51-75%	51-75%	0-10%	0-10%	16	50	50	4	20
North Zephyr	35-03	1.59	V	Sand	No	11-25%	0-10%	Mass Wasting	Fluvial	26-50%	11-25%	11-25%	26-50%	0-10%	0-10%	21	50	50	4	25
Zephyr	37-01	0.13	VI	Sand/Silt Clay	No	0-10%	26-50%	Fluvial	Fluvial	0-10%	0-10%	51-75%	26-50%	26-50%	51-75%	17	70	30	4	21
Zephyr	37-02	0.99	II	Sand	Both Banks	51-75%	0-10%	Fluvial	Mass Wasting	11-25%	26-50%	26-50%	26-50%	26-50%	26-50%	18.5	50	50	6	24.5
McFaul	38-01	0.52	IV	Sand	No	26-50%	0-10%	Mass Wasting	Fluvial	26-50%	11-25%	0-10%	0-10%	0-10%	0-10%	22.5	50	50	6.5	29
McFaul	38-02	1.69	VI	Boulder/Cobble	Both Banks	0-10%	0-10%	Fluvial	Fluvial	0-10%	0-10%	0-10%	0-10%	0-10%	0-10%	19.5	60	40	2	21.5
McFaul	38-04	3.23	IV	Sand	No	11-25%	26-50%	Mass Wasting	Mass Wasting	51-75%	51-75%	0-10%	11-25%	0-10%	0-10%	27.5	50	50	6	33.5
Burke	39-01	0.13	I	Gravel/Sand	No	0-10%	0-10%	Fluvial	Fluvial	0-10%	0-10%	0-10%	0-10%	76-100%	76-100%	13.5	0	0	0	13.5
Burke	39-02	1.58	I	Gravel/Sand	No	11-25%	0-10%	Fluvial	Fluvial	0-10%	0-10%	51-75%	26-50%	0-10%	0-10%	14	0	100	3	17
Burke	39-03	3.20	I	Gravel/Sand	Bed and Banks	51-75%	0-10%	None	None	0-10%	0-10%	26-50%	26-50%	51-75%	51-75%	6.5	0	0	0	6.5
Burke	39-04	3.21	I	Silt Clay	No	51-75%	0-10%	Fluvial	None	0-10%	0-10%	26-50%	51-75%	26-50%	26-50%	10.5	0	0	0	10.5
Burke	39-05	3.58	III	Gravel	No	26-50%	0-10%	Fluvial	Fluvial	11-25%	11-25%	51-75%	51-75%	51-75%	51-75%	12	50	0	3.5	15.5
Burke	39-06	4.13	I	Gravel	No	76-100%	0-10%	None	None	0-10%	0-10%	26-50%	26-50%	51-75%	51-75%	6	50	0	3	9
Burke	39-09	6.25	I	Sand/Silt Clay	No	76-100%	0-10%	None	None	0-10%	0-10%	51-75%	51-75%	51-75%	51-75%	6.5	20	50	3.25	9.75
Edgewood	40-01	7.22	I	Gravel/Sand	No	76-100%	0-10%	None	None	0-10%	0-10%	11-25%	11-25%	11-25%	11-25%	9.5	0	50	4.5	14
Edgewood	40-02	7.21	III	Gravel/Sand	No	11-25%	0-10%	Mass Wasting	Fluvial	51-75%	11-25%	11-25%	11-25%	11-25%	11-25%	19.5	0	50	4.5	24
Edgewood	40-03	7.23	III	Sand	No	0-10%	0-10%	Fluvial	Fluvial	0-10%	0-10%	0-10%	11-25%	0-10%	0-10%	19.5	100	100	11	30.5
Edgewood	40-05	6.41	VI	Gravel/Sand	No	51-75%	0-10%	None	Fluvial	0-10%	0-10%	51-75%	51-75%	51-75%	51-75%	9	0	25	3.25	12.25
Edgewood	40-07	6.22	I	Gravel/Sand	No	51-75%	0-10%	None	None	0-10%	0-10%	51-75%	51-75%	51-75%	51-75%	5.5	25	10	3.25	8.75
Edgewood	40-11	6.15	I	Sand/Silt Clay	Bed and Banks	26-50%	0-10%	Fluvial	Fluvial	11-25%	11-25%	26-50%	26-50%	26-50%	26-50%	12.5	0	50	4.5	17
Edgewood	40-13	5.62	VI	Sand	Bed and Banks	0-10%	0-10%	Fluvial	Fluvial	26-50%	11-25%	0-10%	0-10%	11-25%	11-25%	19	80	100	11	30
Edgewood	40-19	4.96	I	Gravel/Sand	No	26-50%	0-10%	Fluvial	Fluvial	0-10%	0-10%	51-75%	51-75%	51-75%	51-75%	8.5	0	75	3.75	12.25
Edgewood	40-22	3.83	III	Gravel/Sand	Bed	26-50%	0-10%	Fluvial	Fluvial	11-25%	11-25%	51-75%	51-75%	26-50%	26-50%	13.5	65	0	3.75	17.25
Edgewood	40-25	3.09	III	Gravel/Sand	No	26-50%	0-10%	Mass Wasting	Fluvial	26-50%	11-25%	11-25%	26-50%	26-50%	26-50%	16.5	30	70	3.5	20
Edgewood	40-27	1.20	VI	Silt Clay	No	76-100%	0-10%	Fluvial	Fluvial	0-10%	0-10%	76-100%	76-100%	76-100%	76-100%	8.5	0	0	4	12.5
Edgewood	40-27a	0.20	II	Gravel	Bed and Banks	76-100%	0-10%	None	None	0-10%	0-10%	0-10%	0-10%	0-10%	0-10%	11	0	0	4	15
Bijou Park	41-01	1.32	III	Sand	No	11-25%	11-25%	Fluvial	Fluvial	0-10%	0-10%	0-10%	0-10%	0-10%	0-10%	20	0	0	3	23

Stream	Station number	River kilometer	Stage of channel evolution	Bed material	Bed or bank protection	Incision	Constriction	Stream bank erosion		Stream bank instability		Woody vegetative cover		Bank accretion		Channel stability index	Percent sediment contribution from side-slopes		Side-slope erosion	Combined stability index
								Left	Right	Left	Right	Left	Right	Left	Right		Left	Right		
Bijou Park	41-02	1.88	I	Sand	Both Banks	11-25%	0-10%	Fluvial	Fluvial	11-25%	0-10%	0-10%	0-10%	0-10%	0-10%	19.5	0	0	3	22.5
Bijou	42-01	0.54	VI	Sand	No	51-75%	0-10%	Fluvial	None	0-10%	0-10%	0-10%	26-50%	0-10%	0-10%	14.5	0	0	3.5	18
Bijou	42-02	2.16	I	Sand	No	0-10%	0-10%	None	None	0-10%	0-10%	0-10%	0-10%	0-10%	0-10%	16	0	0	3	19
Bijou	42-03	3.44	I	Sand	No	0-10%	0-10%	None	None	0-10%	0-10%	0-10%	0-10%	0-10%	0-10%	16	0	0	0	16
Trout	43-01	1.45	I	Sand	One Bank	51-75%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	10	0	0	0	10
Trout	43-02	2.49	I	Gravel/Sand	No	11-25%	0-10%	Fluvial	Fluvial	11-25%	0-10%	51-75%	51-75%	26-50%	0-10%	13	40	60	3.5	16.5
Trout	43-03	4.71	VI	Gravel/Sand	No	0-10%	0-10%	Fluvial	Fluvial	11-25%	11-25%	0-10%	11-25%	0-10%	0-10%	18	0	0	0	18
Trout	43-04	7.05	VI	Gravel/Sand	No	11-25%	11-25%	Mass Wasting	Fluvial	26-50%	0-10%	11-25%	11-25%	11-25%	26-50%	18.5	60	40	3	21.5
Trout	43-05	6.52	II	Gravel/Sand	One Bank	26-50%	0-10%	Fluvial	Mass Wasting	11-25%	26-50%	11-25%	11-25%	11-25%	0-10%	18.5	0	0	3	21.5
Trout	43-06	7.47	VI	Gravel/Sand	No	11-25%	11-25%	Fluvial	Mass Wasting	0-10%	11-25%	11-25%	11-25%	11-25%	0-10%	19	0	0	3	22
Trout	43-07	8.13	VI	Gravel	No	11-25%	0-10%	Fluvial	Fluvial	0-10%	0-10%	51-75%	51-75%	11-25%	0-10%	14	60	40	3.75	17.75
Upper Truckee	44-01	24.2	III	Boulder/Cobble	No	11-25%	0-10%	Fluvial	Fluvial	0-10%	0-10%	26-50%	26-50%	0-10%	0-10%	15	0	0	0	15
Upper Truckee	44-04	23.0	V	Boulder/Cobble	No	26-50%	0-10%	None	Fluvial	0-10%	11-25%	0-10%	0-10%	76-100%	0-10%	14.5	0	0	0	14.5
Upper Truckee	44-06	22.5	V	Boulder/Cobble	No	26-50%	0-10%	None	Mass Wasting	0-10%	76-100%	51-75%	0-10%	76-100%	0-10%	15.5	0	0	0	15.5
Upper Truckee	44-08	21.8	I	Boulder/Cobble	No	26-50%	0-10%	Mass Wasting	None	0-10%	0-10%	51-75%	51-75%	0-10%	0-10%	11	25	0	2.25	13.25
Upper Truckee	44-11	21.4	VI	Boulder/Cobble	No	26-50%	0-10%	Fluvial	Fluvial	0-10%	0-10%	51-75%	51-75%	0-10%	0-10%	12.5	25	0	3.25	15.75
Upper Truckee	44-12	20.7	V	Boulder/Cobble	No	26-50%	0-10%	Mass Wasting	Mass Wasting	51-75%	11-25%	11-25%	11-25%	0-10%	11-25%	19.5	0	0	0	19.5
Upper Truckee	44-15	19.9	V	Gravel	No	51-75%	0-10%	Mass Wasting	Fluvial	51-75%	0-10%	11-25%	26-50%	0-10%	76-100%	16	15	0	3.75	19.75
Upper Truckee	44-16	19.3	IV	Boulder/Cobble	No	26-50%	0-10%	Fluvial	Mass Wasting	11-25%	51-75%	11-25%	11-25%	0-10%	0-10%	20	0	15	3.75	23.75
Upper Truckee	44-17	18.6	V	Boulder/Cobble	No	26-50%	0-10%	None	Mass Wasting	0-10%	76-100%	51-75%	11-25%	76-100%	0-10%	15	0	0	0	15
Upper Truckee	44-19	18.0	VI	Boulder/Cobble	No	26-50%	0-10%	Fluvial	Fluvial	0-10%	0-10%	51-75%	26-50%	11-25%	0-10%	12.5	5	15	2.25	14.75
Upper Truckee	44-20	17.8	V	Boulder/Cobble	No	26-50%	11-25%	None	Mass Wasting	0-10%	76-100%	11-25%	11-25%	76-100%	0-10%	17	0	0	0	17
Upper Truckee	44-21	16.9	VI	Boulder/Cobble	No	51-75%	0-10%	Fluvial	Fluvial	11-25%	0-10%	26-50%	26-50%	26-50%	26-50%	11	0	40	3.5	14.5
Upper Truckee	44-21a	16.4	VI	Boulder/Cobble	Bed and Banks	26-75%	26-50%	Fluvial	Fluvial	11-25%	11-25%	26-50%	26-50%	51-75%	51-75%	12.5	0	0	0	12.5
Upper Truckee	44-22	15.9	VI	Gravel	No	51-75%	26-50%	None	None	0-10%	0-10%	11-25%	51-75%	76-100%	76-100%	9.5	0	0	0	9.5
Upper Truckee	44-24	15.3	V	Boulder/Cobble	One Bank	26-50%	0-10%	None	Fluvial	0-10%	26-50%	51-75%	11-25%	76-100%	0-10%	14	0	0	0	14
Upper Truckee	44-26	14.8	V	Boulder/Cobble	No	26-50%	0-10%	None	Mass Wasting	0-10%	76-100%	51-75%	0-10%	76-100%	0-10%	15.5	0	0	0	15.5
Upper Truckee	44-30	14.1	VI	Boulder/Cobble	No	26-50%	0-10%	Fluvial	None	0-10%	0-10%	76-100%	76-100%	0-10%	76-100%	8.5	0	0	0	8.5
Upper Truckee	44-39	13.5	V	Boulder/Cobble	No	26-50%	0-10%	None	Mass Wasting	0-10%	76-100%	11-25%	0-10%	76-100%	0-10%	16.5	0	0	0	16.5
Upper Truckee	44-43	13.1	V	Boulder/Cobble	One Bank	11-25%	0-10%	Mass Wasting	Mass Wasting	51-75%	26-50%	0-10%	0-10%	26-50%	26-50%	21.5	0	0	0	21.5

Stream	Station number	River kilometer	Stage of channel evolution	Bed material	Bed or bank protection	Incision	Constriction	Stream bank erosion		Stream bank instability		Woody vegetative cover		Bank accretion		Channel stability index	Percent sediment contribution from side-slopes		Side-slope erosion	Combined stability index
								Left	Right	Left	Right	Left	Right	Left	Right		Left	Right		
Upper Truckee	44-59	12.1	V	Boulder/Cobble	No	26-50%	0-10%	None	Mass Wasting	0-10%	0-10%	26-50%	26-50%	0-10%	0-10%	15	0	0	0	15
Upper Truckee	44-67	11.2	V	Boulder/Cobble	No	11-25%	0-10%	Fluvial	Mass Wasting	26-50%	51-75%	11-25%	0-10%	26-50%	26-50%	19	0	0	0	19
Upper Truckee	44-68	10.8	V	Gravel	One Bank	51-75%	11-25%	Mass Wasting	Fluvial	51-75%	0-10%	26-50%	11-25%	0-10%	76-100%	18	0	0	0	18
Upper Truckee	44-72	10.0	V	Gravel	No	26-50%	0-10%	None	Fluvial	0-10%	11-25%	0-10%	0-10%	76-100%	0-10%	15.5	0	0	0	15.5
Upper Truckee	44-75	8.50	V	Gravel	No	26-50%	0-10%	None	Mass Wasting	0-10%	76-100%	0-10%	0-10%	76-100%	0-10%	18	0	0	0	18
Upper Truckee	44-78	7.14	V	Sand	No	26-50%	0-10%	None	Mass Wasting	0-10%	76-100%	0-10%	0-10%	76-100%	0-10%	19	0	0	0	19
Upper Truckee	44-82	5.84	II	Sand	Both Banks	26-50%	0-10%	None	None	0-10%	0-10%	26-50%	26-50%	0-10%	0-10%	15	0	60	3.75	18.75
Upper Truckee	44-85	5.06	V	Sand	No	26-50%	0-10%	Fluvial	Mass Wasting	26-50%	26-50%	0-10%	0-10%	26-50%	0-10%	21	0	0	0	21
Upper Truckee	44-87	4.51	VI	Sand	No	51-75%	0-10%	Fluvial	Fluvial	0-10%	0-10%	0-10%	0-10%	0-10%	0-10%	16.5	0	15	3.75	20.25
Upper Truckee	44-92	2.94	V	Gravel/Sand	One Bank	26-50%	0-10%	Mass Wasting	None	51-75%	11-25%	0-10%	51-75%	11-25%	76-100%	17.5	0	15	3.75	21.25
Taylor	46-01	0.90	I	Boulder/Cobble	No	26-50%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	8	0	0	0	8
Taylor	46-02	2.33	I	Boulder/Cobble	No	26-50%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	8	0	0	0	8
Tallac	47-01	1.37	I	Cobble/Gravel	No	76-100%	26-50%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	8.5	0	0	0	8.5
Tallac	47-02	2.20	I	Boulder/Cobble	No	11-25%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	9	0	0	0	9
Tallac	47-03	2.55	I	Gravel	No	26-50%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	9	0	0	0	9
Tallac	47-04	3.05	I	Boulder/Cobble	No	11-50%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	8.5	0	0	0	8.5
Tallac	47-05	2.95	I	Gravel	No	76-100%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	7	0	0	0	7
Cascade	48-01	0.69	I	Boulder/Cobble	No	0-10%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	10	0	0	2	12
Eagle	49-01	0.58	I	Boulder/Cobble	No	76-100%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	11-25%	0-10%	5.5	0	0	1.5	7
Bliss State Park	50-01	0.41	I	Bedrock/Cobble	No	76-100%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	5.5	0	0	0	5.5
Rubicon	51-01	0.92	I	Gravel	No	0-10%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	11	0	0	0	11
Rubicon	51-02	1.27	I	Sand	No	76-100%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	26-50%	26-50%	6	0	0	2	8
Rubicon	51-03	1.60	I	Gravel/Sand	No	0-10%	0-10%	Fluvial	Fluvial	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	13.5	0	0	0	13.5
Rubicon	51-04	1.71	I	Bedrock/Gravel	No	26-50%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	8	0	0	0	8
Rubicon	51-05	2.11	I	Bedrock/Cobble	No	76-100%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	5.5	0	0	0	5.5
Paradise Flat	52-01	0.62	V	Sand	No	0-10%	0-10%	Fluvial	Fluvial	11-25%	11-25%	76-100%	76-100%	0-10%	0-10%	18	0	0	0	18
Lonely Gulch	53-01	0.81	I	Cobble/Gravel	No	76-100%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	6.5	0	0	0	6.5
Lonely Gulch	53-02	1.24	I	Boulder/Cobble	No	0-10%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	10	0	0	0	10
Sierra	54-01	0.89	I	Boulder/Cobble	No	76-100%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	11-25%	11-25%	6	0	0	0	6
Meeks	55-01	1.23	I	Sand/Silt Clay	No	0-10%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	12.5	0	0	0	12.5

Stream	Station number	River kilometer	Stage of channel evolution	Bed material	Bed or bank protection	Incision	Constriction	Stream bank erosion		Stream bank instability		Woody vegetative cover		Bank accretion		Channel stability index	Percent sediment contribution from side-slopes		Side-slope erosion	Combined stability index
								Left	Right	Left	Right	Left	Right	Left	Right		Left	Right		
Meeks	55-02	3.15	V	Gravel	No	26-50%	0-10%	Fluvial	None	11-25%	0-10%	26-50%	51-75%	11-25%	51-75%	13	0	0	0	13
Meeks	55-03	3.50	V	Gravel	No	26-50%	0-10%	None	Fluvial	0-10%	11-25%	76-100%	76-100%	26-50%	0-10%	12.5	0	0	0	12.5
Meeks	55-04	3.50	V	Gravel	No	11-25%	0-10%	Fluvial	None	11-25%	0-10%	51-75%	76-100%	0-10%	26-50%	14	0	0	0	14
General	56-01	6.80	I	Boulder/Cobble	One Bank	76-100%	11-25%	None	Fluvial	0-10%	0-10%	11-25%	11-25%	76-100%	76-100%	8	0	0	2	10
General	56-02	6.66	I	Boulder/Cobble	No	0-10%	0-10%	None	Fluvial	0-10%	0-10%	51-75%	51-75%	76-100%	76-100%	8	0	0	3	11
General	56-03	6.50	V	Boulder/Cobble	No	0-10%	0-10%	Mass Wasting	Fluvial	76-100%	11-25%	51-75%	76-100%	0-10%	51-75%	17.5	60	20	6	23.5
General	56-05	6.06	I	Boulder/Cobble	No	0-10%	0-10%	None	Fluvial	0-10%	11-25%	76-100%	26-50%	76-100%	0-10%	10.5	0	85	5	15.5
General	56-06	5.90	V	Boulder/Cobble	No	0-10%	0-10%	None	Fluvial	0-10%	26-50%	76-100%	51-75%	76-100%	0-10%	13.5	0	95	6	19.5
General	56-08	5.33	I	Boulder/Cobble	No	0-10%	0-10%	Fluvial	Fluvial	11-25%	11-25%	76-100%	76-100%	11-25%	26-50%	11.5	20	60	5	16.5
General	56-09	5.25	III	Boulder/Cobble	No	26-50%	0-10%	Fluvial	Fluvial	11-25%	11-25%	51-75%	51-75%	26-50%	51-75%	11.5	0	0	3	14.5
General	56-11	5.05	I	Boulder/Cobble	No	26-50%	0-10%	Fluvial	Fluvial	0-10%	11-25%	76-100%	76-100%	26-50%	26-50%	8.5	0	0	0	8.5
General	56-12	4.73	V	Gravel	Bed and Banks	0-10%	11-25%	None	Mass Wasting	0-10%	76-100%	76-100%	76-100%	51-75%	0-10%	16.5	0	100	5	21.5
General	56-14	4.21	I	Boulder/Cobble	Both Banks	0-10%	0-10%	None	Fluvial	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	13	0	0	0	13
General	56-16	3.62	V	Gravel	One Bank	0-10%	0-10%	Fluvial	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	16	0	0	0	16
General	56-17	3.60	V	Boulder/Cobble	No	11-25%	0-10%	Fluvial	Mass Wasting	0-10%	26-50%	76-100%	11-25%	26-50%	0-10%	16.5	0	0	0	16.5
General	56-18	3.59	VI	Boulder/Cobble	Bed and Banks	11-25%	0-10%	Fluvial	Fluvial	0-10%	11-25%	51-75%	51-75%	26-50%	11-25%	11.5	0	0	0	11.5
General	56-19	3.25	V	Boulder/Cobble	No	26-50%	0-10%	Fluvial	Mass Wasting	0-10%	76-100%	76-100%	26-50%	76-100%	0-10%	15	0	0	0	15
General	56-20	2.97	I	Boulder/Cobble	No	11-25%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	11-25%	0-10%	8.5	0	15	3.25	11.75
General	56-21	2.58	IV	Boulder/Cobble	No	26-50%	0-10%	Fluvial	Mass Wasting	0-10%	51-75%	51-75%	51-75%	0-10%	0-10%	17.5	15	60	4	21.5
General	56-23	2.20	V	Boulder/Cobble	No	0-10%	26-50%	None	Mass Wasting	0-10%	76-100%	11-25%	11-25%	76-100%	0-10%	20	0	0	0	20
General	56-24	1.94	V	Gravel	No	26-50%	0-10%	None	Fluvial	0-10%	26-50%	0-10%	76-100%	76-100%	0-10%	14	0	25	4.5	18.5
General	56-26	1.93	VI	Boulder/Cobble	No	51-75%	0-10%	Fluvial	Fluvial	0-10%	0-10%	51-75%	51-75%	51-75%	51-75%	8.5	0	0	0	8.5
General	56-27	1.54	V	Boulder/Cobble	No	11-25%	0-10%	None	Mass Wasting	0-10%	51-75%	76-100%	76-100%	11-25%	0-10%	15	95	80	6.5	21.5
General	56-28	1.17	V	Boulder/Cobble	No	0-10%	0-10%	None	Mass Wasting	0-10%	11-25%	76-100%	76-100%	11-25%	0-10%	15	0	0	4	19
General	56-29	0.95	V	Boulder/Cobble	No	0-10%	11-25%	Fluvial	Mass Wasting	11-25%	76-100%	76-100%	0-10%	26-50%	0-10%	20.5	10	100	8	28.5
General	56-30	0.89	V	Gravel/Cobble	No	0-10%	0-10%	Fluvial	Mass Wasting	0-10%	11-25%	51-75%	26-50%	26-50%	0-10%	17.5	10	50	4.5	22
General	56-32	0.71	V	Gravel/Cobble	No	11-25%	0-10%	None	Fluvial	0-10%	11-25%	76-100%	51-75%	11-25%	11-25%	13.5	0	0	0	13.5
General	56-34	0.57	I	Sand	No	76-100%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	8	0	0	0	8
General	56-36	0.30	I	Boulder/Cobble	No	11-25%	11-25%	None	Fluvial	0-10%	0-10%	76-100%	76-100%	26-50%	51-75%	8.5	85	95	6	14.5
General	56-37	0.01	V	Gravel	No	0-10%	0-10%	Mass Wasting	None	26-50%	0-10%	0-10%	0-10%	51-75%	76-100%	17.5	20	0	3.25	20.75

Stream	Station number	River kilometer	Stage of channel evolution	Bed material	Bed or bank protection	Incision	Constriction	Stream bank erosion		Stream bank instability		Woody vegetative cover		Bank accretion		Channel stability index	Percent sediment contribution from side-slopes		Side-slope erosion	Combined stability index
								Left	Right	Left	Right	Left	Right	Left	Right		Left	Right		
General	GC45	8.08	I	Boulder/Cobble	Bed and Banks	0-10%	0-10%	None	None	0-10%	0-10%	26-50%	11-25%	76-100%	76-100%	7.5	0	0	3	10.5
McKinney	57-01	0.28	VI	Cobble/Gravel	No	26-50%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	10	0	0	0	10
McKinney	57-02	1.25	I	Boulder/Cobble	No	11-25%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	9	0	0	0	9
Quail Lane	58-01	0.02	I	Boulder/Cobble	No	76-100%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	6	0	0	0	6
Quail Lane	58-02	0.21	I	Gravel	No	76-100%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	0-10%	0-10%	7	0	0	0	7
Homewood	59-01	0.09	V	Gravel	No	0-10%	0-10%	Fluvial	Fluvial	26-50%	26-50%	26-50%	26-50%	26-50%	26-50%	18	0	0	0	18
Homewood	59-02	0.41	V	Boulder/Cobble	No	11-25%	26-50%	Fluvial	Fluvial	11-25%	11-25%	51-75%	76-100%	11-25%	26-50%	16	0	0	0	16
Madden	60-1	0.10	II	Boulder/Cobble	No	11-25%	0-10%	None	None	0-10%	0-10%	51-75%	51-75%	0-10%	0-10%	11	10	10	0	11
Blackwood	62-02	8.29	III	Bedrock/Cobble	Bed and Banks	11-25%	0-10%	None	None	0-10%	0-10%	76-100%	51-75%	11-25%	11-25%	9	0	75	2.5	11.5
Blackwood	62-04	8.19	III	Boulder/Cobble	Bed	11-25%	0-10%	Fluvial	None	0-10%	26-50%	26-50%	76-100%	11-25%	11-25%	13	20	20	5.75	18.75
Blackwood	62-04a	7.69	VI	Boulder/Cobble	No	51-75%	0-10%	Fluvial	Fluvial	11-25%	11-25%	26-50%	26-50%	76-100%	26-50%	10.5	10	40	3.5	14
Blackwood	62-05	7.18	VI	Boulder/Cobble	Bed	26-50%	0-10%	Fluvial	Fluvial	11-25%	11-25%	51-75%	26-50%	26-50%	26-50%	11	0	90	3	14
Blackwood	62-07	7.17	V	Boulder/Cobble	No	0-10%	11-25%	Fluvial	Mass Wasting	11-25%	76-100%	11-25%	0-10%	26-50%	26-50%	21	10	10	7	28
Blackwood	62-07a	6.84	V	Boulder/Cobble	No	51-75%	0-10%	None	Mass Wasting	0-10%	11-25%	51-75%	26-50%	76-100%	26-50%	11	0	80	3	14
Blackwood	62-08	6.51	V	Cobble/Gravel	No	11-25%	0-10%	None	Mass Wasting	0-10%	51-75%	76-100%	11-25%	76-100%	11-25%	15	20	20	6.5	21.5
Blackwood	62-10a	5.55	VI	Boulder/Cobble	No	51-75%	0-10%	None	Fluvial	0-10%	26-50%	51-75%	51-75%	76-100%	11-25%	9.5	50	50	3.5	13
Blackwood	62-10b	6.03	V	Cobble/Gravel	No	26-50%	0-10%	None	Mass Wasting	0-10%	26-50%	26-50%	11-25%	76-100%	11-25%	14.5	0	80	4	18.5
Blackwood	62-12	5.08	V	Boulder/Cobble	No	11-25%	0-10%	None	Mass Wasting	0-10%	51-75%	26-50%	11-25%	26-50%	0-10%	17	0	0	6.5	23.5
Blackwood	62-15	4.15	V	Cobble/Gravel	No	26-50%	0-10%	Fluvial	Fluvial	26-50%	11-25%	11-25%	26-50%	11-25%	11-25%	16.5	0	100	0	16.5
Blackwood	62-18	3.95	V	Cobble/Gravel	No	11-25%	26-50%	None	Mass Wasting	0-10%	76-100%	26-50%	0-10%	0-10%	76-100%	19.5	80	0	7.5	27
Blackwood	62-21	2.80	V	Cobble/Gravel	No	26-50%	0-10%	Mass Wasting	None	51-75%	0-10%	11-25%	51-75%	11-25%	51-75%	15	40	0	6.5	21.5
Blackwood	62-22a	1.97	V	Gravel	No	51-75%	0-10%	Fluvial	Mass Wasting	26-50%	11-25%	11-25%	11-25%	51-75%	0-10%	17	90	0	0	17
Blackwood	62-24	1.77	V	Gravel	No	26-50%	0-10%	Fluvial	Mass Wasting	11-25%	51-75%	26-50%	11-25%	76-100%	11-25%	17	0	0	5	22
Blackwood	62-30	0.32	V	Cobble/Gravel	Bed	11-25%	0-10%	Mass Wasting	None	51-75%	0-10%	11-25%	76-100%	11-25%	76-100%	15	0	0	6	21
Blackwood	62-32	0.00	II	Gravel	Both Banks	11-25%	0-10%	None	None	26-50%	26-50%	0-10%	0-10%	26-50%	26-50%	17	0	0	0	17
Ward	63-01	6.55	V	Boulder/Cobble	No	26-50%	0-10%	None	Fluvial	0-10%	26-50%	76-100%	26-50%	26-50%	51-75%	11.5	0	0	0	11.5
Ward	63-02	6.45	III	Boulder/Cobble	No	26-50%	0-10%	Fluvial	Fluvial	0-10%	11-25%	26-50%	51-75%	0-10%	0-10%	14	0	0	0	14
Ward	63-03	6.42	I	Boulder/Cobble	No	76-100%	0-10%	None	None	0-10%	0-10%	51-75%	26-50%	11-25%	51-75%	5.5	0	0	0	5.5
Ward	63-04	6.27	VI	Boulder/Cobble	No	26-50%	26-50%	None	Fluvial	0-10%	11-25%	51-75%	26-50%	51-75%	0-10%	13	0	0	0	13
Ward	63-05	6.17	III	Boulder/Cobble	No	26-50%	0-10%	Fluvial	None	11-25%	0-10%	26-50%	51-75%	0-10%	0-10%	13	0	0	0	13

Stream	Station number	River kilometer	Stage of channel evolution	Bed material	Bed or bank protection	Incision	Constriction	Stream bank erosion		Stream bank instability		Woody vegetative cover		Bank accretion		Channel stability index	Percent sediment contribution from side-slopes		Side-slope erosion	Combined stability index
								Left	Right	Left	Right	Left	Right	Left	Right		Left	Right		
Ward	63-06	6.10	V	Boulder/Cobble	No	51-75%	0-10%	Fluvial	None	11-25%	0-10%	51-75%	26-50%	11-25%	0-10%	12.5	0	0	0	12.5
Ward	63-08	5.94	V	Boulder/Cobble	No	26-50%	0-10%	None	Mass Wasting	0-10%	76-100%	26-50%	0-10%	76-100%	0-10%	16	0	0	0	16
Ward	63-09	5.87	VI	Boulder/Cobble	No	26-50%	0-10%	None	Fluvial	0-10%	0-10%	26-50%	26-50%	11-25%	0-10%	12	0	0	0	12
Ward	63-10	5.81	V	Boulder/Cobble	No	26-50%	0-10%	Fluvial	Fluvial	0-10%	11-25%	76-100%	51-75%	51-75%	51-75%	11	0	0	0	11
Ward	63-12	5.53	V	Boulder/Cobble	No	26-50%	0-10%	Fluvial	Fluvial	11-25%	0-10%	11-25%	51-75%	0-10%	26-50%	14.5	0	0	0	14.5
Ward	63-13	5.36	V	Boulder/Cobble	No	26-50%	0-10%	None	Fluvial	0-10%	26-50%	51-75%	11-25%	76-100%	26-50%	12	0	0	0	12
Ward	63-14	5.12	V	Boulder/Cobble	No	51-75%	0-10%	Fluvial	Mass Wasting	0-10%	26-50%	76-100%	11-25%	51-75%	0-10%	14	0	0	0	14
Ward	63-15	4.74	V	Boulder/Cobble	One Bank	26-50%	0-10%	None	Mass Wasting	0-10%	76-100%	51-75%	0-10%	76-100%	0-10%	16.5	0	0	0	16.5
Ward	63-16	4.52	VI	Boulder/Cobble	No	51-75%	0-10%	Fluvial	Fluvial	11-25%	11-25%	51-75%	51-75%	0-10%	0-10%	12.5	0	0	0	12.5
Ward	63-18	4.25	V	Boulder/Cobble	No	26-50%	0-10%	Mass Wasting	None	26-50%	0-10%	11-25%	26-50%	0-10%	26-50%	15.5	0	0	0	15.5
Ward	63-19	4.06	VI	Boulder/Cobble	Bed and Banks	11-25%	0-10%	Fluvial	Fluvial	11-25%	11-25%	76-100%	76-100%	76-100%	76-100%	8.5	0	0	0	8.5
Ward	63-21	3.64	V	Boulder/Cobble	No	11-25%	0-10%	Mass Wasting	Fluvial	51-75%	26-50%	11-25%	26-50%	11-25%	26-50%	18.5	0	0	0	18.5
Ward	63-22	3.51	V	Boulder/Cobble	No	26-50%	0-10%	Fluvial	Mass Wasting	11-25%	51-75%	51-75%	51-75%	76-100%	11-25%	14.5	0	50	5	19.5
Ward	63-23	3.28	VI	Boulder/Cobble	No	11-25%	0-10%	None	Mass Wasting	0-10%	0-10%	11-25%	26-50%	11-25%	51-75%	13	0	0	0	13
Ward	63-25	2.64	VI	Boulder/Cobble	No	26-50%	0-10%	None	Fluvial	0-10%	0-10%	26-50%	51-75%	76-100%	51-75%	8.5	0	30	3	11.5
Ward	63-26	2.38	V	Boulder/Cobble	No	26-50%	26-50%	Fluvial	Mass Wasting	11-25%	51-75%	26-50%	51-75%	51-75%	0-10%	18	0	30	2.5	20.5
Ward	63-29	2.08	VI	Boulder/Cobble	No	11-25%	0-10%	Fluvial	Fluvial	0-10%	0-10%	76-100%	76-100%	26-50%	11-25%	11	0	80	2	13
Ward	63-30	1.97	VI	Boulder/Cobble	No	26-50%	0-10%	Fluvial	Fluvial	0-10%	0-10%	76-100%	51-75%	26-50%	11-25%	10.5	0	30	3.5	14
Ward	63-32	1.55	VI	Boulder/Cobble	No	26-50%	0-10%	Fluvial	Fluvial	0-10%	0-10%	51-75%	76-100%	26-50%	26-50%	10	0	0	0	10
Ward	63-33	1.42	V	Boulder/Cobble	No	11-25%	0-10%	Mass Wasting	Fluvial	26-50%	0-10%	51-75%	51-75%	26-50%	51-75%	13.5	0	0	0	13.5
Ward	63-34	1.29	V	Boulder/Cobble	No	11-25%	0-10%	None	Mass Wasting	0-10%	51-75%	76-100%	76-100%	76-100%	0-10%	13.5	0	0	0	13.5
Ward	63-35	1.14	VI	Boulder/Cobble	No	51-75%	0-10%	None	Fluvial	0-10%	11-25%	76-100%	76-100%	26-50%	51-75%	7.5	0	0	0	7.5
Ward	63-36	1.12	VI	Boulder/Cobble	Bed and Banks	26-50%	26-50%	Mass Wasting	Fluvial	26-50%	0-10%	76-100%	76-100%	26-50%	26-50%	12.5	0	0	0	12.5
Ward	63-37	1.11	VI	Boulder/Cobble	One Bank	11-25%	0-10%	Fluvial	Fluvial	26-50%	0-10%	26-50%	76-100%	11-25%	0-10%	15	0	0	0	15
Ward	63-39	0.78	V	Boulder/Cobble	No	11-25%	0-10%	Mass Wasting	Fluvial	51-75%	11-25%	11-25%	26-50%	0-10%	76-100%	17.5	0	0	0	17.5
Ward	63-40	0.63	V	Boulder/Cobble	One Bank	11-25%	0-10%	Fluvial	Mass Wasting	0-10%	26-50%	26-50%	26-50%	26-50%	26-50%	17	0	30	3.5	20.5
Ward	63-41	0.51	VI	Boulder/Cobble	No	11-25%	11-25%	None	Fluvial	0-10%	11-25%	26-50%	51-75%	26-50%	26-50%	12.5	0	0	0	12.5
Ward	63-42	0.44	V	Boulder/Cobble	No	11-25%	11-25%	Mass Wasting	Mass Wasting	76-100%	11-25%	11-25%	51-75%	0-10%	76-100%	19.5	0	0	0	19.5
Ward	63-43	0.25	V	Boulder/Cobble	No	11-25%	0-10%	Mass Wasting	Fluvial	26-50%	26-50%	26-50%	51-75%	11-25%	11-25%	17.5	0	0	0	17.5
Ward	63-44	0.09	VI	Boulder/Cobble	No	26-50%	0-10%	None	None	0-10%	0-10%	76-100%	76-100%	76-100%	76-100%	5.5	0	0	0	5.5

9.4 Appendix G

CONCEPTS Model Cross-Section Data

Table G-1. Table of CONCEPTS values used in the General Creek simulation.

CONCEPTS cross-section	New name	River kilometer	Bed roughness	Bank			Floodplain roughness
				Critical shear stress (Pa)		Roughness	
				Left	Right		
1	1	6.80	0.15	53	53	0.15	0.2
2	4	6.39	0.15	5	4	0.15	0.2
3	6	5.90	0.15	4	4	0.15	0.2
4	9	5.25	0.15	4	5	0.15	0.2
5	12	4.73	0.15	4	4	0.15	0.2
6	13	4.21	0.15	7	7	0.15	0.2
7	15	3.62	0.10	4	5	0.10	0.2
8	18b	3.12	0.10	8	8	0.10	0.2
9	20	2.58	0.10	53	53	0.10	0.2
10	23	1.95	0.10	2	2	0.10	0.2
11	26	1.54	0.10	20	20	0.10	0.2
12	27	1.17	0.10	20	20	0.10	0.2
13	30	0.71	0.10	6	4	0.10	0.2
14	35	0.30	0.10	4	4	0.10	0.2
15	36	0.01	0.10	2	2	0.10	0.2

Table G-2. Table of CONCEPTS values used in the Upper Truckee River simulation.

CONCEPTS cross-section	New name	River kilometer	Bed roughness	Bank			Floodplain roughness
				Critical shear stress (Pa)		Roughness	
				Left	Right		
1	1	24.19	0.10	2.5	2.5	0.08	0.15
2	2	23.71	0.10	9	7	0.08	0.15
3	4	23.01	0.10	4	4	0.08	0.15
4	6	22.54	0.10	7	7	0.08	0.15
5	7	21.86	0.10	8	8	0.08	0.15
6	11	21.37	0.10	8	9	0.08	0.15
7	12	20.75	0.10	6	6	0.08	0.15
8	14	20.14	0.10	6	6	0.08	0.15
9	SYN	19.54	0.10	6	6	0.08	0.15
10	SYN	18.94	0.10	6	6	0.08	0.15
11	18	18.34	0.10	6	6	0.08	0.15
12	20	17.78	0.10	9	6	0.08	0.15
13	SYN	17.14	0.10	6	6	0.08	0.15
14	SYN	16.51	0.10	6	7	0.08	0.15
15	22	15.87	0.08	6	7	0.08	0.15
16	24	15.28	0.06	6	6	0.08	0.15
17	26	14.77	0.05	100	100	0.08	0.15
18	30	14.07	0.05	5	5	0.08	0.15
19	36	13.70	0.05	0.5	3	0.06	0.15
20	39	13.52	0.05	0.5	0.5	0.06	0.15
21	42	13.16	0.05	0.25	0.25	0.05	0.15
22	47	12.87	0.05	0.25	0.25	0.05	0.15
23	50	12.73	0.05	0.5	0.5	0.06	0.15
24	53	12.47	0.05	0.5	0.5	0.05	0.15
25	57	12.20	0.05	6	9	0.06	0.15
26	61	11.68	0.05	0.5	0.5	0.05	0.15
27	67	11.21	0.05	4	4	0.05	0.15
28	68	10.84	0.05	4	4	0.05	0.15
29	71	10.56	0.05	4	4	0.05	0.15
30	72	10.04	0.05	4	4	0.05	0.15
31	73	9.41	0.05	4	4	0.05	0.15
32	74	8.81	0.05	4	4	0.05	0.10
33	SYN	8.12	0.05	4	4	0.05	0.10
34	77	7.59	0.05	6	6	0.05	0.10
35	79	6.91	0.05	4	4	0.05	0.10
36	81	6.28	0.05	4	4	0.05	0.10
37	83	5.58	0.05	4	4	0.05	0.10
38	85	5.06	0.05	4	4	0.05	0.10
39	87	4.51	0.08	6	6	0.05	0.10
40	SYN	3.94	0.05	4	4	0.05	0.10
41	90	3.37	0.05	4	4	0.05	0.10
42	96	2.77	0.05	4	4	0.05	0.10
43	103	2.26	0.05	6	6	0.05	0.10
44	109	1.62	0.05	6	6	0.05	0.10
45	114	1.04	0.05	4	4	0.05	0.10
46	117	0.38	0.05	4	4	0.05	0.10

Table G-3. Table of CONCEPTS values used in the Ward Creek simulation.

CONCEPTS cross-section	New name	River kilometer	Bed roughness	Bank			Floodplain roughness
				Critical shear stress (Pa)		Roughness Right	
				Left	Right		
1	11	5.80	0.10	6	4	0.10	0.2
2	12	5.53	0.10	6	1	0.08	0.2
3	14	5.12	0.08	2.5	6	0.10	0.2
4	15	4.74	0.10	1.5	25	0.08	0.15
5	17	4.36	0.10	1.5	6	0.08	0.2
6	19	4.06	0.10	8	8	0.08	0.2
7	21	3.64	0.08	10	0.5	0.06	0.15
8	23	3.28	0.10	15	0.5	0.08	0.2
9	24	3.01	0.10	25	0.5	0.08	0.15
10	25	2.64	0.12	10	2	0.10	0.15
11	27	2.28	0.10	15	4	0.08	0.2
12	30	1.97	0.12	15	15	0.10	0.2
13	32	1.55	0.12	15	15	0.10	0.2
14	35	1.14	0.15	20	20	0.10	0.2
15	39	0.78	0.12	12	12	0.08	0.2
16	42	0.44	0.10	10	12	0.08	0.2
17	44	0.09	0.08	15	15	0.06	0.15