

Appendix A. Waypoint list (NAD83) from first-stage survey. Barriers and photos are labeled by the waypoint numbers. Refer to MatilijaGPSall.txt for a downloadable waypoint file.

Stream	Waypoint	Deg	North		Deg	West		Notes
			Min	Sec		Min	Sec	
Matilija Creek	1	34	29	20	-119	18	44	LAKEHEAD,PHOTO
	2	34	29	23	-119	18	52	
	3	34	29	26	-119	18	55	PHOTO
	4	34	29	31	-119	19	0	
	5	34	29	33	-119	19	14	PHOTO
	6	34	29	30	-119	19	25	
	7	34	29	30	-119	19	25	
	8	34	29	30	-119	19	25	
	9	34	29	30	-119	19	25	
	10	34	29	33	-119	19	34	PHOTO
	11	34	29	37	-119	19	43	PHOTO
	12	34	29	39	-119	19	54	PHOTO
	13	34	29	44	-119	20	4	
	14	34	29	49	-119	20	14	PHOTO
	15	34	29	51	-119	20	18	
	16	34	29	54	-119	20	24	
	17	34	29	57	-119	20	33	PHOTO
	18	34	30	3	-119	20	43	PHOTO
	19	34	30	4	-119	20	54	
	20	34	30	3	-119	20	57	
	21	34	30	6	-119	21	2	PHOTO
	22	34	30	7	-119	21	9	
	500	34	30	12	-119	22	20	PHOTO
	501	34	30	12	-119	22	20	
	502	34	30	14	-119	22	24	
	503	34	30	16	-119	22	29	
	504	34	30	17	-119	22	30	PHOTO
	505	34	30	17	-119	22	33	
	506	34	30	19	-119	22	41	PHOTO
	507	34	30	20	-119	22	46	PHOTO
	508	34	30	20	-119	22	48	
	509	34	30	20	-119	22	50	
	510	34	30	20	-119	22	53	PHOTO
	511	34	30	20	-119	22	55	
	512	34	30	22	-119	22	57	
	513	34	30	22	-119	22	58	PHOTO
	514	34	30	26	-119	23	0	PHOTO
	515	34	30	28	-119	23	3	PHOTO
	516	34	30	31	-119	23	2	PHOTO
	517	34	30	33	-119	23	1	PHOTO
	518	34	30	34	-119	23	4	PHOTO
	519	34	30	35	-119	23	7	
	520	34	30	35	-119	23	10	
	521	34	30	36	-119	23	12	
	522	34	30	36	-119	23	14	PHOTO
	523	34	30	37	-119	23	25	PHOTO
	524	34	30	39	-119	23	26	
	525	34	30	40	-119	23	26	
	526	34	30	41	-119	23	27	PHOTO
	527	34	30	43	-119	23	35	PHOTO
	528	34	30	43	-119	23	38	
	529	34	30	45	-119	23	45	PHOTO

Appendix A. (continued)

Stream	Waypoint	Deg	North		Deg	West		Notes
			Min	Sec		Min	Sec	
Matilija Creek	END09	34	30	48	-119	23	51	
	530	34	30	47	-119	23	51	PHOTO
	531	34	30	50	-119	24	1	PHOTO
	532	34	30	52	-119	24	7	
	533	34	30	57	-119	24	9	PHOTO
	534	34	30	58	-119	24	10	
	535	34	31	3	-119	24	17	PHOTO
	536	34	31	9	-119	24	21	PHOTO
	537	34	31	11	-119	24	24	PHOTO
	538	34	31	18	-119	24	17	PHOTO
	539	34	31	23	-119	24	8	PHOTO
	STEEPCHUT	34	31	25	-119	24	7	POSSIBLE BARRIER
	540	34	31	32	-119	24	7	PHOTO
	541	34	31	37	-119	24	6	
	542	34	31	41	-119	24	4	PHOTO
	543	34	31	45	-119	24	4	PHOTO
	544	34	31	52	-119	24	3	POSSIBLE BARRIER
	545	34	31	52	-119	24	5	PHOTO
	546	34	31	54	-119	24	12	
	547	34	31	55	-119	24	12	PHOTO
	548	34	32	5	-119	24	14	
	549	34	32	10	-119	24	14	PHOTO
	550	34	32	14	-119	24	14	DEFINITE BARRIER
551	34	32	16	-119	24	13	PHOTO	
552	34	32	22	-119	24	14	POSSIBLE BARRIER	
FALLS	34	32	28	-119	24	22	DEFINITE BARRIER-MAP LOCATED	
Upper North Fork	23	34	30	34	-119	23	1	MOUTH,PHOTO
	24	34	30	39	-119	22	59	
	25	34	30	41	-119	22	59	
	26	34	30	49	-119	22	54	
	27	34	30	53	-119	22	52	PHOTO
	28	34	31	2	-119	22	47	
	29	34	31	5	-119	22	46	
	30	34	31	5	-119	22	44	
	31	34	31	3	-119	22	44	PHOTO
	32	34	30	57	-119	22	38	
	33	34	30	55	-119	22	27	
	34	34	30	56	-119	22	23	
	35	34	30	55	-119	22	17	PHOTO
	36	34	30	59	-119	22	9	
	37	34	31	2	-119	21	58	
	38	34	31	5	-119	21	47	
	39	34	31	7	-119	21	43	
	40	34	31	9	-119	21	42	PHOTO
	41	34	31	12	-119	21	34	
	42	34	31	11	-119	21	32	PHOTO
	43	34	31	11	-119	21	28	
44	34	31	17	-119	21	22	PHOTO	
45	34	31	17	-119	21	19	POSSIBLE BARRIER	
46	34	31	22	-119	21	15		
47	34	31	21	-119	21	8		
48	34	31	25	-119	21	7		

Appendix A. (continued)

Stream	Waypoint	Deg	North		Deg	West		Notes
			Min	Sec		Min	Sec	
Upper North Fork	49	34	31	28	-119	21	7	POSSIBLE BARRIER
	50	34	31	32	-119	21	9	
	51	34	31	34	-119	21	9	POSSIBLE BARRIER
	52	34	31	37	-119	21	7	
	53	34	31	42	-119	21	2	
	54	34	31	43	-119	21	4	CAMP SITE, PHOTO
	55	34	31	50	-119	21	12	
	56	34	31	54	-119	21	14	
	57	34	31	55	-119	21	15	
	58	34	31	57	-119	21	13	
	59	34	32	2	-119	21	11	
	60	34	32	7	-119	21	12	
UNF Tributary	61	34	32	12	-119	21	13	
	62	34	32	14	-119	21	14	POSSIBLE BARRIER
	63	34	32	18	-119	21	14	DEFINITE BARRIER
	93	34	31	23	-119	21	7	270 FT ABOVE MOUTH, PHOTO
	94	34	31	20	-119	20	58	
	95	34	31	16	-119	20	52	
	96	34	31	16	-119	20	49	
	97	34	31	15	-119	20	38	
	98	34	31	15	-119	20	26	
	99	34	31	16	-119	20	24	
Old Man Creek	100	34	31	18	-119	20	22	DEFINITE BARRIER
	64	34	31	3	-119	24	17	MOUTH, PHOTO
	65	34	31	2	-119	24	18	POSSIBLE BARRIER
	66	34	31	2	-119	24	26	
	67	34	31	2	-119	24	28	
	68	34	31	2	-119	24	31	PHOTO
	69	34	31	0	-119	24	34	
	70	34	31	0	-119	24	37	
	71	34	30	57	-119	24	43	
	72	34	30	54	-119	24	46	PHOTO
	73	34	30	54	-119	24	50	
	74	34	30	56	-119	24	50	POSSIBLE BARRIER
	75	34	31	5	-119	24	55	PHOTO
	76	34	31	4	-119	25	2	PHOTO
	77	34	31	5	-119	25	5	
	78	34	31	7	-119	25	7	
	79	34	31	6	-119	25	10	PHOTO
	80	34	31	6	-119	25	12	PHOTO
	81	34	31	4	-119	25	20	
	82	34	31	4	-119	25	22	
	83	34	31	5	-119	25	25	
84	34	31	7	-119	25	33		
85	34	31	10	-119	25	38		
86	34	31	9	-119	25	50		
87	34	31	11	-119	25	55		
88	34	31	11	-119	25	58	PHOTO	
89	34	31	13	-119	26	7		
90	34	31	13	-119	26	8		
91	34	31	13	-119	26	7	POSSIBLE BARRIER	

Appendix A. (continued)

Stream	Waypoint	Deg	North		Deg	West		Notes
			Min	Sec		Min	Sec	
Murietta Creek	600	34	30	22	-119	22	58	MOUTH,PHOTO
	601	34	30	24	-119	23	8	PHOTO
	602	34	30	21	-119	23	12	
	603	34	30	19	-119	23	15	PHOTO
	604	34	30	16	-119	23	16	PHOTO
	605	34	30	13	-119	23	17	
	606	34	30	10	-119	23	21	
	607	34	30	9	-119	23	21	PHOTO
	608	34	30	5	-119	23	22	
	609	34	30	0	-119	23	29	PHOTO
	611	34	29	58	-119	23	35	POSSIBLE BARRIER
	612	34	29	59	-119	23	39	POSSIBLE BARRIER
	613	34	29	58	-119	23	42	POSSIBLE BARRIER
	614	34	29	53	-119	23	49	PHOTO
	615	34	29	49	-119	23	56	
	616	34	29	49	-119	24	0	PHOTO
	617	34	29	48	-119	24	7	POSSIBLE BARRIER
	618	34	29	48	-119	24	11	
	619	34	29	52	-119	24	23	
	620	34	29	49	-119	24	14	PHOTO
	621	34	29	47	-119	24	19	PHOTO
	622	34	29	46	-119	24	21	POSSIBLE BARRIER
	623	34	29	44	-119	24	28	
	624	34	29	43	-119	24	28	PHOTO
	625	34	29	42	-119	24	29	DEFINITE BARRIER
	626	34	29	42	-119	24	36	
	627	34	29	36	-119	24	53	
Lower North Fork	101	34	29	6	-119	18	1	MOUTH,PHOTO
	102	34	29	7	-119	18	8	
	103	34	29	9	-119	18	11	
	104	34	29	15	-119	18	19	
	105	34	29	19	-119	18	20	
	106	34	29	21	-119	18	22	
	107	34	29	23	-119	18	20	
	108	34	29	35	-119	18	20	
	109	34	29	41	-119	18	18	
	110	34	29	48	-119	18	7	PHOTO
	111	34	29	53	-119	18	2	
	112	34	29	53	-119	18	2	
	113	34	29	59	-119	18	4	
	114	34	30	0	-119	18	2	
	115	34	30	8	-119	17	53	
	116	34	30	9	-119	17	53	
	117	34	30	10	-119	17	53	
	118	34	30	16	-119	17	49	
	119	34	30	24	-119	17	44	
	120	34	30	28	-119	17	36	
	121	34	30	28	-119	17	34	
	122	34	30	30	-119	17	30	
	123	34	30	30	-119	17	30	
	700	34	30	29	-119	17	30	PHOTO
701	34	30	30	-119	17	16		

Appendix A. (continued)

Stream	Waypoint	Deg	North		Deg	West		Notes
			Min	Sec		Min	Sec	
Lower North	702	34	30	30	-119	17	8	
Fork	703	34	30	26	-119	17	5	
	704	34	30	21	-119	16	59	
	705	34	30	17	-119	16	51	
	706	34	30	18	-119	16	43	
	707	34	30	24	-119	16	37	WHEELER GORGE, PHOTO
	708	34	30	34	-119	16	31	WHEELER GORGE
	709	34	30	37	-119	16	31	PHOTO
	710	34	30	46	-119	16	27	CAMPGROUND BARRIER
	711	34	30	54	-119	16	20	CAMPGROUND
	712	34	31	1	-119	16	19	CAMPGROUND,PHOTOS
	713	34	31	7	-119	16	16	CANNON CREEK
	714	34	31	7	-119	16	4	
	715	34	31	8	-119	16	1	
	716	34	31	8	-119	15	56	
	717	34	31	12	-119	15	53	
	718	34	31	20	-119	15	58	
	719	34	31	28	-119	15	56	
	720	34	31	35	-119	15	50	
	721	34	31	39	-119	15	49	PROBABLE BARRIER
	722	34	31	43	-119	15	44	PROBABLE BARRIER
	723	34	31	47	-119	15	36	
	724	34	31	52	-119	15	33	
	725	34	31	54	-119	15	31	
	726	34	32	4	-119	15	19	
	727	34	32	4	-119	15	7	
	728	34	32	5	-119	15	2	