

NOISY-DIOBSUD WILDERNESS

Mt. Baker National Forest

I hereby certify that the legal boundary description and map herewith represent the location of the boundary of the Noisy-Diobsud Wilderness on the Mt. Baker National Forest as entered into the National Wilderness Preservation System by the Act of July 3, 1984.

Signed

Jan. 24, 1987
(Date)

James F. Torrence
JAMES F. TORRENCE
Regional Forester

Definition of Intent

The legal description of the Noisy-Diobsud Wilderness is as shown on the map dated September 1986 on file in the office of the Chief of the USDA Forest Service and as generally described in Public Law 98-339. The approximate courses of the map boundaries are identified in the following legal description. Where the boundary is described as following a topographical feature, the actual location of the feature will control the approximate course identifying that part of said boundary. Unless specified in the description, calls to a stream shall be to the thread and calls to a ridge shall be to the crest. Section, Township, and Range lines, and Section corners established by the United States Public Land Survey, shall determine the actual location of these portions of the boundary so described.

Section subdivision lines and corners will be established under the rules of the United States Public Land Survey.

The data base for the Noisy-Diobsud Wilderness is a series of quadrangle maps published by the United States Geological Survey as identified on the attached index map. The various boundaries were marked on the map and the information was collected with a Hewlett-Packard 9020 Interactive Graphics System. The data is published as the attached metes and bounds description. Courses in the description are shown as grid bearings and grid distances.

NOISY-DIOBSUD WILDERNESS BOUNDARY DESCRIPTION

All bearings and distances shown in the following description are based on the Washington State Plane coordinate grid system, North Zone. International, State, Indian Reservation, National Park, Mineral Claim, or Sectional land boundaries have been included although record bearing, distance, and monuments will prevail.

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)	DESCRIPTION

LAKE SHANNON				
NE	1			A high point on Anderson Butte, elevation 5420 ft., Latitude 48-40-25.108 North, Longitude 121-36-03.803 West, SW1/4 of Section 23, T37N, R9E, W.M., unsurveyed Washington grid coordinates, North Zone
MAP NO.				X=1,814,495.00, Y=611,439.000.
		N01-12W	96 (29.3)	
	2			
		N22-29W	63 (19.2)	
	3			
		N35-08W	132 (40.2)	
	4			
		N47-28W	148 (45.1)	
	5			
		N35-15W	204 (62.2)	
	6			
		N23-30W	150 (45.7)	
	7			
		N05-51W	167 (50.9)	
	8			
		N10-40W	173 (52.7)	
	9			
		N23-58W	59 (18.0)	Descending and ascending along a spur ridge dividing Silver and Noisy Creek drainages.
	10			
		N51-54W	130 (39.6)	
	11			
		N42-32W	132 (40.2)	
	12			
		N44-27W	146 (44.5)	
	13			
		N29-36W	101 (30.8)	
	14			
		N10-49W	181 (55.2)	
	15			
		N14-27W	204 (62.2)	
	16			
		N09-36W	144 (43.9)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
LAKE SHANNON NE MAP NO. 1	17				
		N02-09W	240	(73.2)	
	18				
		N00-24W	286	(87.2)	
	19				
		N02-13E	336	(102.4)	
	20				
		N04-05E	253	(77.1)	
	21				
		N05-58E	259	(78.9)	
	22				Descending and ascending along a spur ridge, dividing Silver and Noisy Creek drainages.
		N11-36E	229	(69.8)	
	23				
		N13-27E	142	(43.3)	
	24				
		N26-34E	121	(36.9)	
	25				
		N43-13E	91	(27.7)	
	26				
		N46-35E	102	(31.1)	
	27				Intersect a spur ridge.
		N30-58W	47	(14.3)	
	28				
		N44-09W	95	(29.0)	
	29				
		N45-17W	139	(42.4)	
	30				
		N42-37W	136	(41.5)	
	31				
		N57-05W	145	(44.2)	
	32				
		N60-43W	151	(46.0)	
	33				Along spur ridge crest dividing Silver and Noisy Creek drainages.
		N50-23W	151	(46.0)	
	34				
		N11-49W	112	(34.1)	
	35				
		N02-17E	150	(45.7)	
	36				
		N17-55E	208	(63.4)	
	37				
		N27-34E	153	(46.6)	
	38				
		N27-31E	160	(48.8)	
	39				
		N17-27E	147	(44.8)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION

LAKE SHANNON					
NE	40				
MAP NO.		N13-35E	123	(37.5)	
1	41	N13-14E	105	(32.0)	Along spur ridge crest dividing Silver and Noisy Creek drainages.
	42	N13-34E	119	(36.3)	
	43				A high point, approximate map elevation 5022.
		N10-21W	211	(64.3)	
	44	N00-15E	234	(71.3)	
	45	N12-42W	228	(69.5)	
	46	N21-04W	186	(56.7)	
	47	N38-27W	174	(53.0)	
	48	N34-51W	165	(50.3)	
	49	N37-01W	158	(48.2)	
	50	N46-49W	134	(40.8)	
	51	N25-07W	71	(21.6)	
	52	N12-12E	76	(23.2)	Descending and ascending along a spur ridge dividing Silver and Noisy Creek drainages.
	53	N22-18E	169	(51.5)	
	54	N19-06E	193	(58.8)	
	55	N03-32E	162	(49.4)	
	56	N01-17E	222	(67.7)	
	57	N07-28E	123	(37.5)	
	58	N08-00E	259	(78.9)	
	59	N23-21E	144	(43.9)	
	60	N28-07E	166	(50.6)	
	61	N30-31E	110	(33.5)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION

LAKE SHANNON					
NE	62				
MAP NO.		N09-44E	71	(21.6)	
1	63	N52-26E	66	(20.1)	Descending and ascending along a spur ridge dividing Silver and Noisy Creek drainages.
	64	N72-15E	52	(15.8)	
	65	N80-42E	365	(111.3)	
	66	N72-21E	343	(104.5)	
	67	N77-35E	293	(89.3)	
	68	N76-26E	298	(90.8)	
	69	N60-54E	121	(36.9)	
	70	N58-54E	147	(44.8)	
	71	N51-13E	144	(43.9)	
	72	N36-43E	147	(44.8)	
	73	N34-17E	133	(40.5)	
	74	N24-07E	157	(47.9)	Descending along a spur ridge dividing Silver and Noisy Creek drainages.
	75	N20-51E	180	(54.9)	
	76	N07-40E	105	(32.0)	
	77	N15-13W	118	(36.0)	
	78	N16-11W	136	(41.5)	
	79	N28-27W	164	(50.0)	
	80	N33-47W	156	(47.5)	
	81	N24-23W	165	(50.3)	
	82	N45-00W	161	(49.1)	
	83	N45-21W	118	(36.0)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION

LAKE SHANNON					
NE	84				
MAP NO.					
1	85	N25-24W	133	(40.5)	
		N18-52W	167	(50.9)	
	86				
		N10-53W	238	(72.5)	
	87				
		N19-55W	317	(96.6)	
	88				
		N01-00W	201	(61.3)	
	89				
		N16-47W	132	(40.2)	
	90				
		N18-26W	139	(42.4)	
	91				Descending along a spur ridge dividing Silver and Noisy Creek drainages.
		N04-48W	144	(43.9)	
	92				
		N07-38E	98	(29.9)	
	93				
		N14-50E	70	(21.3)	
	94				
		N21-56E	155	(47.2)	
	95				
		N04-46W	229	(69.8)	
	96				
		N05-41W	242	(73.8)	
	97				
		N04-08E	195	(59.4)	
	98				
		N00-18W	186	(56.7)	
	99				
		N13-07E	167	(50.9)	
	100				
		N06-17W	128	(39.0)	
	101				
		N02-24E	214	(65.2)	
	102				Intersection of spur ridge with South line of N1/2N1/2 Section 11, T37N, R9E., W.M.
		S88-52E	3914	(1193.0)	Along the South line of the N1/2N1/2 of said Section 11.
	103				The N1/16th corner between Section 11 & 12, T37N, R9E.
		N00-22E	1394	(424.9)	Along the East line of said Section 11.

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)	DESCRIPTION

LAKE SHANNON				
NE MAP NO. 1	104			Northeast corner of Section 11, T37N, R9E.
		N00-39E	1315 (400.8)	Along east boundary of Section 2, T37N R9E.
	105			The S1/16th corner between Section 1 & 2, T37N, R9E.
		S82-38E	117 (35.7)	
106		S71-34E	133 (40.5)	
107		S70-34E	126 (38.4)	Ascend
108		S72-55E	174 (53.0)	
109		S69-16E	79 (24.1)	
	110			A point on the 3000 foot contour and a spur ridge.
		S57-10E	74 (22.6)	
111		S34-42E	95 (29.0)	
112		S38-52E	172 (52.4)	
113		S55-08E	257 (78.3)	
114		S65-33E	193 (58.8)	
115		S67-17E	93 (28.3)	
116		S82-10E	139 (42.4)	
117		S89-05E	252 (76.8)	Ascending along a spur ridge.
118		S88-55E	106 (32.3)	
119		N81-43E	160 (48.8)	
120		N75-35E	145 (44.2)	
121		N50-26E	60 (18.3)	
122		N84-25E	185 (56.4)	
123		S87-14E	310 (94.5)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION

LAKE SHANNON					
NE	124				
MAP NO.		S74-39E	106	(32.3)	
1	125	S60-28E	138	(42.1)	
	126	S39-35E	165	(50.3)	
	127	S47-19E	209	(63.7)	
	128	S50-25E	322	(98.1)	
	129	S56-19E	234	(71.3)	
	130	S60-00E	224	(68.3)	
	131	S53-52E	188	(57.3)	
	132	S61-12E	195	(59.4)	
	133	S64-49E	223	(68.0)	
	134	S82-14E	89	(27.1)	Ascending along a spur ridge.
	135	S42-03E	137	(41.8)	
	136	S36-40E	224	(68.3)	
	137	S41-25E	204	(62.2)	
	138	S49-05E	159	(48.5)	
	139	S43-04E	126	(38.4)	
	140	S41-38E	96	(29.3)	
	141	S66-39E	96	(29.3)	
	142	N88-05E	90	(27.4)	
	143	00-00E	99	(30.2)	
	144	N88-59E	112	(34.1)	
	145	N87-57E	56	(17.1)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION

LAKE SHANNON					
NE	146				
MAP NO.		S68-42E	127	(38.7)	
1	147	S56-08E	92	(28.0)	
	148	S58-28E	103	(31.4)	
	149	S56-01E	111	(33.8)	
	150	S69-41E	58	(17.7)	
	151	S71-34E	70	(21.3)	
	152	N82-07E	131	(39.9)	
	153	N79-55E	303	(92.4)	
	154	N89-23E	184	(56.1)	
	155	S87-57E	140	(42.7)	
	156	S83-40E	54	(16.5)	
	157	N54-07E	116	(35.4)	Descending and ascending along a spur ridge.
	158	N61-38E	114	(34.7)	
	159	N77-12E	90	(27.4)	
	160	N72-07E	231	(70.4)	
	161	N68-34E	290	(88.4)	
	162	N75-23E	242	(73.8)	
	163	N77-24E	193	(58.8)	
	164	N81-57E	221	(67.4)	
	165	S79-42E	78	(23.8)	
	166	N69-54E	163	(49.7)	
	167	N57-35E	237	(72.2)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION

LAKE SHANNON					
NE	168				
MAP NO.		N53-25E	242	(73.8)	
1	169				
		N62-06E	154	(46.9)	
	170				
		N41-43E	111	(33.8)	
	171				Descending and ascending along a spur ridge.
		N24-20E	206	(62.8)	
	172				
		N01-00E	183	(55.8)	
	173				
		N52-36E	171	(52.1)	
	174				
		N59-39E	95	(29.0)	
175			A high point, approximate map elevation 5619 feet.		
		N71-23E	97	(29.6)	
176					
		N67-15E	134	(40.8)	
177					
		N84-39E	257	(78.3)	Descend
178					
		N89-22E	274	(83.5)	
179					
		S88-23E	532	(162.2)	
180			A point on the boundary line common to North Cascades National Park and Mt. Baker National Forest, at a high point.		
		S33-51W	205	(62.5)	
181					
		S48-09W	180	(54.9)	
182					
		S36-56W	171	(52.1)	
183					Along the common boundary between the North Cascades National Park and the Mt. Baker National Forest.
		S32-42W	193	(58.8)	
184					
		S23-46W	238	(72.5)	
185					
		S23-44W	181	(55.2)	
186					
		S12-42W	209	(63.7)	
187					
		S07-21W	196	(59.7)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION

LAKE SHANNON					
NE	188				
MAP NO.		S01-09E	198	(60.4)	
1	189				
		S14-10E	221	(67.4)	
	190				
		S17-19E	178	(54.3)	
	191				
		S26-50E	195	(59.4)	
	192				Along the common boundary between the North Cascades National Park and the Mt. Baker National Forest.
		S34-16E	194	(59.1)	
	193				
		S30-35E	185	(56.4)	
	194				
		S26-56E	137	(41.8)	
	195				
		S30-47E	109	(33.2)	
	196				
		S01-43E	100	(30.5)	
197					A high point on the common boundary between the North Cascades National Park and the Mt. Baker National Forest.
		S32-20W	187	(57.0)	
	198				
		S36-05W	146	(44.5)	
	199				
		S28-37W	213	(64.9)	
	200				
		S27-53W	195	(59.4)	
	201				
		S27-11W	250	(76.2)	
	202				Ascend spur ridge along the common boundary between the North Cascades National Park and the Mt. Baker National Forest.
		S09-34W	174	(53.0)	
	203				
		S08-08W	198	(60.4)	
	204				
		S06-03E	171	(52.1)	
	205				
		S02-18E	174	(53.0)	
	206				
		S02-19E	148	(45.1)	
	207				
		S03-57E	116	(35.4)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION

LAKE SHANNON					
NE	208				
MAP NO.		S13-27W	95	(29.0)	Ascend spur ridge along the common boundary between the North Cascades National Park and the Mt. Baker National Forest.
1	209	S13-49W	130	(39.6)	
	210	S25-17W	159	(48.5)	
	211	S45-00W	187	(57.0)	
	212	S39-29W	294	(89.6)	
	213				A high point, approximate map elevation 5547 feet, on common boundary between North Cascades National Park and Mt. Baker National Forest.
		S36-41W	7367	(2245.5)	Along the boundary common to North Cascades National Park and Mt. Baker-Snoqualmie National Forest.
	214				A point on the 2100 foot contour between 2 unnamed tributaries to Noisy Creek, on the common boundary between North Cascades National Park and Mt. Baker National Forest.
		S00-38W	272	(82.9)	
	215	S00-20W	506	(154.2)	Along the boundary common to North Cascades National Park and Mt. Baker National Forest.
	216	S00-35W	10828	(3300.4)	
	217				A point on a spur ridge on common boundary between North North Cascades National Park and Mt. Baker National Forest.
		S56-28E	317	(96.6)	
	218	S64-05E	238	(72.5)	
	219	S56-05E	213	(64.9)	
	220	S56-27E	235	(71.6)	Along a spur ridge dividing Noisy and Diobsud drainages along common boundary between North Cascades National Park and Mt. Baker National Forest.
	221	S55-50E	263	(80.2)	
	222	S54-43E	268	(81.7)	
	223	S60-57E	288	(87.8)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION

LAKE SHANNON					
NE	224				Along a spur ridge dividing
MAP NO.		S61-03E	171	(52.1)	Noisy and Diobsud drainages
1	225	S56-05E	140	(42.7)	along common boundary between
	226	S87-02E	154	(46.9)	North Cascades National Park
					and Mt. Baker National Forest.
	227				Intersection of two ridges on
					common boundary between North
					Cascades National park and
					Mt. Baker National Forest.
		N78-50E	77	(23.5)	
	228	N62-49E	166	(50.6)	
	229	N59-16E	258	(78.6)	
	230	N44-28E	226	(68.9)	
	231	N60-01E	180	(54.9)	Descending and ascending a spur
	232	N58-33E	184	(56.1)	ridge along the common boundary
	233	N74-03E	146	(44.5)	between North Cascades National
	234	N78-55E	151	(46.0)	Park and Mt. Baker National
	235	00-00E	112	(34.1)	Forest.
	236	S75-58E	124	(37.8)	
	237				A high point, approximate map
					elevation 5580 feet, on the
					common boundary between North
					Cascades National Park and
					Mt. Baker National Forest.
		S64-31E	119	(36.3)	
	238	S50-20E	213	(64.9)	Along the common boundary.
	239	S50-15E	7983	(2433.2)	
	240				A high point on the common
					boundary between North Cascades
					National Park and Mt. Baker
					National Forest, approximate
					map elevation 4508 feet.

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
LAKE SHANNON NE MAP NO. 1	241	S28-10E	271	(82.6)	
	242	S30-03E	250	(76.2)	
	243	S27-31E	325	(99.1)	
	244	S28-14E	230	(70.1)	
	245	S34-52E	217	(66.1)	
	246	S29-11E	215	(65.5)	
	247	S43-41E	185	(56.4)	
	248	S30-08E	251	(76.5)	
	249	S23-47E	221	(67.4)	Descending a spur ridge along common boundary between North Cascades National Park and Mt. Baker National Forest.
	250	S22-56E	169	(51.5)	
	251	S17-05E	201	(61.3)	
	252	S24-39E	187	(57.0)	
	253	S41-02E	174	(53.0)	
	254	S38-27E	217	(66.1)	
	255	S51-43E	194	(59.1)	
	256	S43-06E	149	(45.4)	
	257	S45-00E	116	(35.4)	
	258	S37-49E	96	(29.3)	
		S30-58E	140	(42.7)	
	259	A point on the 3000 foot contour.			
	260	S27-26E	117	(35.7)	
	261	S39-01E	203	(61.9)	Along the common boundary between North Cascades National Park and Mt. Baker National Forest.
	262	S31-53E	237	(72.2)	
		S45-40E	243	(74.1)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION	

LAKE SHANNON						
NE	263					
MAP NO. 1	264	S66-36E	300	(91.4)		
	265	S78-47E	257	(78.3)		
	266	S80-07E	181	(55.2)		
	267	N80-45E	87	(26.5)	Along the common boundary between North Cascades National Park and Mt. Baker National Forest.	
	268	N85-29E	229	(69.8)		
	269	N78-45E	169	(51.5)		
	270	N83-40E	181	(55.2)		
	271	N63-26E	54	(16.5)		
						The intersection of 2 small draws on the common boundary between North Cascades National Park and Mt. Baker National Forest.
		272	N65-27E	229	(69.8)	
		273	N50-09E	197	(60.0)	
		274	N60-26E	154	(46.9)	
	275	N54-40E	282	(86.0)		
	276	N50-46E	373	(113.7)		
	277	N49-35E	310	(94.5)		
	278	N74-17E	233	(71.0)	Ascending an unnamed watercourse along common boundary between North Cascades National Park and Mt. Baker National Forest.	
MARBLEMOUNT NW	279	N73-49E	169	(51.5)		
	280	N66-00E	160	(48.8)		
MAP NO. 2	281	N57-56E	205	(62.5)		
	282	N42-34E	183	(55.8)		
		N38-03E	193	(58.8)		

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION

MARBLEMOUNT					
NW	283				
MAP NO.		N32-22E	120	(36.6)	
2	284				
		N54-34E	136	(41.5)	
	285				
		N43-59E	79	(24.1)	
	286				
		N44-32E	88	(26.8)	
	287				Ascending an unnamed watercourse along common boundary between North Cascades National Park and Mt. Baker National Forest.
		N45-49E	298	(90.8)	
	288				
		N31-42E	200	(61.0)	
	289				
		N35-47E	168	(51.2)	
	290				
		N55-30E	217	(66.1)	
	291				
		N52-53E	191	(58.2)	
	292				A point in the unnamed water- course on the common boundary between North Cascades National Park and Mt. Baker National Forest.
		N65-18E	206	(62.8)	
	293				
		N81-38E	316	(96.3)	
	294				
		N82-37E	312	(95.1)	
	295				
		S86-51E	272	(82.9)	
	296				
		S87-28E	249	(75.9)	
	297				
		S76-54E	194	(59.1)	
	298				
		S62-42E	212	(64.6)	Ascending along common boundary between North Cascades National Park and Mt. Baker National Forest.
	299				
		S54-14E	207	(63.1)	
	300				
		S56-28E	206	(62.8)	
	301				
		S65-12E	203	(61.9)	
	302				
		S62-27E	208	(63.4)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION

MARBLEMOUNT					
NW	303				Ascending along common boundary between North Cascades National Park and Mt. Baker Natinal Forest.
MAP NO.		S64-40E	145	(44.2)	
2	304	S72-05E	140	(42.7)	
	305	S59-32E	138	(42.1)	
	306	S35-14E	154	(46.9)	
	307	S10-12E	51	(15.5)	
	308				A high point on common boundary between North Cascades National Park and Mt. Baker National Forest.
		S35-22E	114	(34.7)	
	309	S38-04E	105	(32.0)	
	310	S19-49E	236	(71.9)	
	311	S12-39E	160	(48.8)	
	312	S10-00W	104	(31.7)	
	313	S30-53W	125	(38.1)	Descending and ascending along a spur ridge on common boundary between North Cascades National Park and Mt. Baker National Forest.
	314	S24-24W	189	(57.6)	
	315	S31-40W	126	(38.4)	
	316	S35-02W	118	(36.0)	
	317	S14-33W	187	(57.0)	
	318	S18-26E	133	(40.5)	
	319	S00-38W	182	(55.5)	
	320	00-00S	208	(63.4)	
	321				A high point on common boundary between North Cascades National Park and Mt. Baker National Forest, approximate map elevation 5787 feet.

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
MARBLEMOUNT NW	322	S04-21E	290	(88.4)	
MAP NO. 2	323	S04-34E	289	(88.1)	
		S08-55W	122	(37.2)	
MARBLEMOUNT SW	324	S05-20W	151	(46.0)	
	325				
MAP NO. 3	326	S24-25W	191	(58.2)	
	327	S21-48W	151	(46.0)	
	328	S17-36W	172	(52.4)	
	329	S14-12W	163	(49.7)	
	330	S04-25W	182	(55.5)	Along common boundary between North Cascades National Park and Mt. Baker National Forest.
	331	S02-33E	180	(54.9)	
	332	S23-34E	120	(36.6)	
	333	S30-19E	151	(46.0)	
	334	S38-04E	182	(55.5)	
	335	S56-59E	191	(58.2)	
	336	S58-04E	163	(49.7)	
	337	S63-08E	168	(51.2)	
	338	S61-08E	244	(74.4)	
	339	S60-52E	259	(78.9)	
	340	S58-46E	143	(43.6)	
		S58-50E	189	(57.6)	
	341				A high point on common boundary between North Cascades National Park and Mt. Baker National Forest, VABM elevation 5893 ft.

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
MARBLEMOUNT NW MAP NO. 3	342	S34-51E	136	(41.5)	
	343	S43-18E	239	(72.8)	
	344	S32-26E	227	(69.2)	
	345	S38-17E	194	(59.1)	
	346	S33-32E	199	(60.7)	
	347	S29-14E	211	(64.3)	Along the ridge crest on common boundary to North Cascades National Park and Mt. Baker National Forest.
	348	S39-30E	236	(71.9)	
	349	S41-08E	210	(64.0)	
	350	S51-26E	176	(53.6)	
	351	S36-43E	147	(44.8)	
	352	S48-14E	150	(45.7)	
	353	S45-45E	109	(33.2)	
					A high point on common boundary between North Cascades National Park and Mt. Baker National Forest, approximate map elevation 5871 feet.
	354	S57-10E	74	(22.6)	
	355	S54-36E	186	(56.7)	
	356	S63-26E	190	(57.9)	
	357	S74-41E	174	(53.0)	Descending and ascending along a ridge crest on the common boundary between North Cascades National Park and Mt. Baker National Forest.
	358	S84-14E	199	(60.7)	
	359	N84-36E	149	(45.4)	
	360	N81-42E	194	(59.1)	
	361	N80-43E	211	(64.3)	
		N69-32E	160	(48.8)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION

MARBLEMOUNT					
NW	362				
MAP NO.		N68-12E	129	(39.3)	
3	363	N51-01E	108	(32.9)	Descending and ascending along a ridge crest on the common boundary between North Cascades National Park and Mt. Baker National Forest.
	364	N50-15E	116	(35.4)	
	365	N41-01E	122	(37.2)	
	366				
		S12-10E	223	(68.0)	
	367	S10-45E	204	(62.2)	
	368	S05-50E	197	(60.0)	
	369	S08-50E	182	(55.5)	
	370	S03-37E	190	(57.9)	
	371	S05-57W	97	(29.6)	
	372	S09-49W	106	(32.3)	
	373	S20-33W	68	(20.7)	
	374	S41-59W	54	(16.5)	Descending a small watercourse.
	375	S53-28W	67	(20.4)	
	376	S52-52W	176	(53.6)	
	377	S44-20W	123	(37.5)	
	378	S47-17W	106	(32.3)	
	379	S37-34W	66	(20.1)	
	380	S37-52W	68	(20.7)	
	381	S28-11W	64	(19.5)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION

MARBLEMOUNT					
NW	382				Confluence of 2 small draws.
MAP NO.		S14-15W	130	(39.6)	
3	383				
		S11-45W	255	(77.7)	
	384				
		S05-40W	273	(83.2)	
	385				
		S02-06W	218	(66.4)	
	386				
		S01-01E	226	(68.9)	
	387				
		00-00S	190	(57.9)	
	388				
		00-00S	254	(77.4)	
	389				
		S00-43E	318	(96.9)	
	390				
		S05-43W	261	(79.6)	
	391				
		00-00S	198	(60.4)	
	392				
		S01-34E	219	(66.8)	
	393				Descending a watercourse.
		S01-47W	160	(48.8)	
	394				
		S09-58W	150	(45.7)	
	395				
		S12-36W	156	(47.5)	
	396				
		S14-23W	161	(49.1)	
	397				
		S11-08W	124	(37.8)	
	398				
		S11-19W	82	(25.0)	
	399				
		S12-20E	66	(20.1)	
	400				
		S15-57E	437	(133.2)	
	401				
		S20-15E	301	(91.7)	
	402				
		S19-59E	187	(57.0)	
	403				
		S22-50E	165	(50.3)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION

MARBLEMOUNT					
NW	404				Confluence of watercourse and Diobsud Creek.
MAP NO.					
3		S22-02W	91	(27.7)	
	405	S12-47W	312	(95.1)	
	406	S15-48W	316	(96.3)	
	407	S14-48W	290	(88.4)	
	408	S10-15W	169	(51.5)	Ascend.
	409	S00-35E	194	(59.1)	
	410	S11-19E	133	(40.5)	
	411	S06-33E	123	(37.5)	
	412				Intersection with a spur ridge and 2800 foot contour.
		S01-37E	142	(43.3)	
	413	00-00S	102	(31.1)	
	414	S11-19W	184	(56.1)	
	415	S12-38W	338	(103.0)	
	416	S15-38W	226	(68.9)	
	417	S14-02W	231	(70.4)	
	418	S05-58W	173	(52.7)	
	419	S07-39W	135	(41.1)	Ascending spur ridge.
	420	S01-13E	94	(28.7)	
	421	S17-27W	73	(22.3)	
	422	S24-32W	101	(30.8)	
	423	S41-59W	81	(24.7)	
	424	S49-41W	173	(52.7)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION

MARBLEMOUNT					
NW	425				
MAP NO.		S59-51W	157	(47.9)	
3	426				
		S39-17W	85	(25.9)	
	427				
		S31-41W	110	(33.5)	
	428				
		S37-30W	108	(32.9)	
	429				
		S37-39W	88	(26.8)	
	430				
		S59-28W	91	(27.7)	
	431				
		S63-26W	139	(42.4)	
	432				
		S71-34W	82	(25.0)	
	433				
		S42-27W	239	(72.8)	
	434				
		S51-28W	151	(46.0)	Ascending spur ridge
	435				
		S45-40W	120	(36.6)	
	436				
		S27-02W	110	(33.5)	
	437				
		S05-17W	108	(32.9)	
	438				
		S04-05E	84	(25.6)	
	439				
		S17-17E	94	(28.7)	
	440				
		S31-46E	99	(30.2)	
	441				
		S36-20E	84	(25.6)	
	442				
		S03-11E	72	(21.9)	
	443				
		S19-17W	85	(25.9)	
	444				
		S46-05W	75	(22.9)	
	445				
		S52-46W	63	(19.2)	
	446				
		S62-54W	97	(29.6)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION

MARBLEMOUNT					
NW	447				
MAP NO.		S49-40W	139	(42.4)	
3	448	S59-59W	208	(63.4)	
	449	S57-52W	203	(61.9)	
	450	S65-50W	193	(58.8)	
	451	S54-43W	159	(48.5)	Ascending spur ridge.
	452	S31-07W	124	(37.8)	
	453	S17-12W	88	(26.8)	
	454	S24-59W	130	(39.6)	
	455	S24-52W	90	(27.4)	
	456	S26-12W	140	(42.7)	
	457				A high point on spur ridge.
		S36-52W	130	(39.6)	
	458	S62-18W	90	(27.4)	
	459	S73-22W	161	(49.1)	
	460	00-00W	146	(44.5)	
	461	N72-41W	161	(49.1)	
	462	N69-07W	163	(49.7)	Along ridge crest dividing Helen and Olson Creek drainages.
	463	N73-55W	108	(32.9)	
	464	N80-32W	85	(25.9)	
	465	S81-42W	97	(29.6)	
	466	S81-02W	115	(35.1)	
	467	N85-31W	102	(31.1)	
	468	N72-08W	189	(57.6)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION

MARBLEMOUNT NW MAP NO. 3	469	N67-57W	170	(51.8)	
	470	N69-20W	122	(37.2)	
	471	N74-35W	120	(36.6)	
	472	S87-50W	106	(32.3)	Along ridge crest dividing Helen and Olson Creek drainages.
	473	S82-59W	131	(39.9)	
	474	S67-37W	110	(33.5)	
	475	S48-07W	78	(23.8)	
	476	S71-02W	135	(41.1)	
	477				A high point on ridge crest, approximate map elevation 4633 feet.
		S77-15W	172	(52.4)	
	478	S71-23W	194	(59.1)	
	479	S68-58W	167	(50.9)	
	480	S41-03W	164	(50.0)	
	481	S37-03W	123	(37.5)	
	482	S25-36W	106	(32.3)	
	483	S11-41W	118	(36.0)	Descending and ascending the ridge crest dividing Helen and Olson Creek drainages.
	484	S26-14W	156	(47.5)	
	485	S40-55W	159	(48.5)	
	486	S37-03W	123	(37.5)	
	487	S33-57W	125	(38.1)	
	488	S38-05W	123	(37.5)	
	489	S54-39W	211	(64.3)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION

MARBLEMOUNT					
NW	490				
MAP NO.		S72-39W	168	(51.2)	
3	491				
		S83-34W	143	(43.6)	
	492				
		S78-17W	167	(50.9)	
	493				
		S77-17W	127	(38.7)	
	494				
		S40-43W	113	(34.4)	
	495				
		S29-15W	115	(35.1)	
	496				
		S27-54W	115	(35.1)	
	497				
		S24-27W	121	(36.9)	
	498				
		S11-34E	90	(27.4)	
	499				
		S20-28E	143	(43.6)	
	500				Descending and ascending the ridge crest dividing Helen and Olson Creek drainages.
		S24-58E	128	(39.0)	
	501				
		S23-12E	122	(37.2)	
	502				
		S20-55E	146	(44.5)	
	503				
		S15-01E	143	(43.6)	
	504				
		S02-36E	176	(53.6)	
	505				
		S00-45E	152	(46.3)	
	506				
		S01-00E	80	(24.4)	
	507				
		S16-56W	48	(14.6)	
	508				
		S33-23W	105	(32.0)	
	509				
		S22-17W	179	(54.6)	
	510				
		S32-48W	107	(32.6)	
	511				
		S45-00W	136	(41.5)	

QUAD SHEET NAME	ANGLE BEARING POINT	DISTANCE FEET (METERS)		DESCRIPTION

MARBLEMOUNT				
NW	512			The summit of Helen Buttes, dividing Helen and Olson Creek drainages, approximate map elevation 5513 feet.
MAP NO. 3				
		S26-34W	152 (46.3)	
	513			
		S18-14W	179 (54.6)	
	514			
		S24-54W	62 (18.9)	
	515			
		S01-00W	80 (24.4)	
	516			
		S50-26W	60 (18.3)	
	517			
		S43-32W	110 (33.5)	
	518			
		S52-06W	155 (47.2)	
	519			
		S61-42W	177 (53.9)	
	520			
		S50-54W	124 (37.8)	
	521			
		S37-26W	123 (37.5)	
	522			Descend and ascend along the ridge crest dividing Helen and Olson Creek drainages.
		S48-37W	112 (34.1)	
	523			
		S62-09W	120 (36.6)	
	524			
		S80-39W	160 (48.8)	
	525			
		S74-16W	148 (45.1)	
	526			
		S65-40W	92 (28.0)	
	527			
		S79-13W	86 (26.2)	
	528			
		S40-57W	90 (27.4)	
LAKE SHANNON	529			
SE		S68-04W	83 (25.3)	
	530			
MAP NO.		S39-37W	151 (46.0)	
4	531			
		S35-46W	115 (35.1)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION

LAKE SHANNON					
SE	532				
MAP NO.		S21-52W	153	(46.6)	
4	533				
		S13-45W	97	(29.6)	Descend and ascend along the ridge crest dividing Helen and Olson Creek drainages.
	534				
		S03-03W	75	(22.9)	
	535				
		S14-24W	76	(23.2)	
	536				
		S20-33W	103	(31.4)	
	537				A high point on Helen Buttes.
		S37-23W	91	(27.7)	
	538				
		S32-31W	82	(25.0)	
	539				
		S51-10W	99	(30.2)	
	540				
		S44-32W	88	(26.8)	
	541				
		S32-44W	33	(10.1)	
	542				
		S09-35W	150	(45.7)	
	543				
		S15-39W	137	(41.8)	
	544				
		S24-27W	133	(40.5)	Descending and ascending a ridge crest.
	545				
		S39-37W	158	(48.2)	
	546				
		S56-27W	110	(33.5)	
	547				
		S61-01W	74	(22.6)	
	548				
		S69-52W	96	(29.3)	
	549				
		S71-12W	146	(44.5)	
	550				
		S81-00W	121	(36.9)	
	551				
		N85-05W	128	(39.0)	
	552				
		N74-37W	124	(37.8)	
	553				
		N72-54W	54	(16.5)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION

LAKE SHANNON					
SE	554				
MAP NO.		N82-03W	137	(41.8)	
4	555				
		N65-11W	102	(31.1)	
	556				
		N36-45W	202	(61.6)	
	557				
		N39-54W	72	(21.9)	
	558				
		N10-14W	73	(22.3)	
	559				
		N03-20E	120	(36.6)	
	560				
		N03-06E	74	(22.6)	
	561				
		N13-08W	62	(18.9)	
	562				
		N38-22W	92	(28.0)	
	563				
		N38-40W	77	(23.5)	
	564				
		N55-55W	120	(36.6)	
	565				Descending and ascending a ridge crest.
		N61-58W	104	(31.7)	
	566				
		N72-45W	152	(46.3)	
	567				
		N42-26W	95	(29.0)	
	568				
		N40-33W	109	(33.2)	
	569				
		N38-57W	215	(65.5)	
	570				
		N40-41W	225	(68.6)	
	571				
		N37-44W	252	(76.8)	
	572				
		N37-22W	138	(42.1)	
	573				
		N47-19W	140	(42.7)	
	574				
		N43-58W	157	(47.9)	
	575				
		N42-04W	110	(33.5)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION

LAKE SHANNON					
SE	576				
MAP NO.		N34-35W	125	(38.1)	
4	577				
		N37-55W	109	(33.2)	
	578				
		N37-14W	157	(47.9)	
	579				
		N35-26W	128	(39.0)	
	580				
		N18-11W	74	(22.6)	
	581				
		N09-58W	92	(28.0)	
	582				
		N04-26W	142	(43.3)	
	583				
		N19-17E	21	(6.4)	
	584				Descending and ascending a ridge crest.
		N46-46E	69	(21.0)	
	585				
		N28-53E	155	(47.2)	
	586				
		N25-23E	152	(46.3)	
	587				
		N03-56E	160	(48.8)	
	588				
		N09-14W	168	(51.2)	
	589				
		N00-26W	132	(40.2)	
	590				
		N14-02E	128	(39.0)	
	591				
		N01-19E	130	(39.6)	
	592				
		N11-06W	104	(31.7)	
593					A high point on ridge crest approximate map elevation 4429 feet.
		N49-19W	235	(71.6)	
	594				
		N41-25W	169	(51.5)	Descending through a saddle, then ascending a spur ridge.
	595				
		N44-51W	269	(82.0)	
	596				
		N45-27W	181	(55.2)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION

LAKE SHANNON					
SE	597				
MAP NO.		N32-04W	98	(29.9)	
4	598	N29-16W	266	(81.1)	
	599	N28-56W	184	(56.1)	
	600	N32-25W	250	(76.2)	
	601	N28-52W	234	(71.3)	
	602	N19-33W	227	(69.2)	
	603	N18-26W	199	(60.7)	
	604	N17-53W	166	(50.6)	
	605	N01-49W	158	(48.2)	
	606	N03-17E	192	(58.5)	
	607	N11-03E	130	(39.6)	Descending through a saddle, then ascending a spur ridge.
	608	N15-24E	102	(31.1)	
	609	N04-30E	166	(50.6)	
	610	N21-31E	112	(34.1)	
	611	N31-36E	92	(28.0)	
	612	N51-24E	139	(42.4)	
	613	N45-00E	157	(47.9)	
	614	N38-06E	130	(39.6)	
	615	N30-40E	131	(39.9)	
	616	N23-31E	118	(36.0)	
	617	N27-24E	154	(46.9)	
	618	N30-32E	91	(27.7)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
LAKE SHANNON					
SE	619				
MAP NO.		N20-02E	102	(31.1)	
4	620	N00-28W	124	(37.8)	
	621	N06-55W	141	(43.0)	
	622	N09-41E	83	(25.3)	
	623	N06-17E	101	(30.8)	Descending through a saddle, then ascending a spur ridge.
	624	N06-59E	107	(32.6)	
	625	N14-41E	106	(32.3)	
	626	N16-42E	84	(25.6)	
	627	N29-09E	60	(18.3)	
	628				A high point on ridge crest dividing Diobsud & Jackman Creek drainages.
		N34-33W	242	(73.8)	
	629	N36-01W	226	(68.9)	
	630	N32-41W	206	(62.8)	
	631	N30-28W	276	(84.1)	
	632	N34-56W	307	(93.6)	
	633	N32-48W	284	(86.6)	Along ridge crest dividing Diobsud and Jackman Creek drainages.
	634	N28-52W	201	(61.3)	
	635	N19-13W	234	(71.3)	
	636	N29-36W	152	(46.3)	
	637	N45-49W	99	(30.2)	
	638	N58-47W	77	(23.5)	
	639	N77-12W	68	(20.7)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION

LAKE SHANNON					
SE	640				
MAP NO.		N82-52W	64	(19.5)	
4	641				
		N89-08W	66	(20.1)	
	642				
		N76-53W	106	(32.3)	
	643				
		N68-55W	103	(31.4)	
	644				
		N43-53W	110	(33.5)	
	645				
		N44-42W	135	(41.1)	
	646				
		N44-29W	156	(47.5)	
	647				
		N37-38W	254	(77.4)	
	648				
		N32-35W	286	(87.2)	
	649				
		N39-56W	296	(90.2)	
	650				Along ridge crest dividing Diobsud and Jackman Creek drainages.
		N29-52W	357	(108.8)	
	651				
		N22-59W	272	(82.9)	
	652				
		N20-07W	195	(59.4)	
	653				
		N31-33W	216	(65.8)	
	654				
		N44-30W	164	(50.0)	
	655				
		N31-54W	187	(57.0)	
	656				
		N36-56W	201	(61.3)	
	657				
		N28-12W	362	(110.3)	
	658				
		N31-03W	246	(75.0)	
	659				
		N26-50W	279	(85.0)	
	660				
		N35-09W	273	(83.2)	
	661				
		N41-42W	197	(60.0)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION

LAKE SHANNON					
SE	662				
MAP NO.		N35-47W	212	(64.6)	
4	663				
		N40-03W	303	(92.4)	
	664				
		N27-28W	225	(68.6)	
	665				
		N22-00W	264	(80.5)	
	666				
		N15-35W	216	(65.8)	
	667				
		N13-09W	233	(71.0)	
	668				
		N03-33W	226	(68.9)	
	669				
		N05-14W	219	(66.8)	
	670				
		N10-28W	281	(85.6)	
	671				
		N19-11W	268	(81.7)	
	672				
		N30-50W	222	(67.7)	
	673				Along ridge crest dividing Diobsud and Jackman Creek drainages.
		N34-19W	229	(69.8)	
	674				
		N28-49W	205	(62.5)	
	675				
		N20-26W	163	(49.7)	
	676				
		N25-39W	169	(51.5)	
	677				
		N39-17W	128	(39.0)	
	678				
		N50-53W	117	(35.7)	
	679				
		N43-57W	115	(35.1)	
	680				
		N49-53W	166	(50.6)	
	681				
		N57-27W	210	(64.0)	
	682				
		N48-42W	153	(46.6)	
	683				
		N52-25W	159	(48.5)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
LAKE SHANNON					
SE	684				
MAP NO		N64-26W	51	(15.5)	
4	685	S88-13W	64	(19.5)	
	686	S77-54W	72	(21.9)	Along ridge crest dividing Diobsud and Jackman Creek drainages.
	687	N85-55W	56	(17.1)	
	688	N82-40W	71	(21.6)	
	689	N86-03W	116	(35.4)	
	690	S75-31W	124	(37.8)	
	691	N89-08W	66	(20.1)	
	692				A high point, approximate map elevation 5111 feet.
		N34-12W	94	(28.7)	
	693	N27-00W	174	(53.0)	
	694	N09-56W	203	(61.9)	
	695	N06-09W	205	(62.5)	
	696	N08-53E	162	(49.4)	
	697	N05-51E	235	(71.6)	
	698	N05-45E	150	(45.7)	
	699	N15-39E	241	(73.5)	Descending along a spur ridge dividing Thunder and Diobsud Creek drainages.
	700	N22-47E	183	(55.8)	
	701	N35-04E	127	(38.7)	
	702	N33-34E	121	(36.9)	
	703	N24-54E	62	(18.9)	
	704	N02-30W	274	(83.5)	
	705	N10-33W	104	(31.7)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION

LAKE SHANNON					
SE	706				
MAP NO.		N36-06W	105	(32.0)	
4	707				
		N31-28W	257	(78.3)	
	708				
		N21-06W	300	(91.4)	
	709				
		N23-24W	219	(66.8)	
	710				
		N13-12W	201	(61.3)	
	711				
		N04-48W	251	(76.5)	
	712				
		N00-27W	256	(78.0)	
	713				Descending along a spur ridge dividing Thunder and Diobsud Creek drainages.
		N23-30E	251	(76.5)	
	714				
		N23-08E	366	(111.6)	
	715				
		N30-29E	243	(74.1)	
	716				
		N29-09E	189	(57.6)	
	717				
		N34-44E	167	(50.9)	
	718				
		N27-10E	169	(51.5)	
	719				
		N52-47E	99	(30.2)	
LAKE SHANNON 720					
NE		N15-02E	139	(42.4)	
MAP NO.	721				
1		N14-22E	343	(104.5)	
	722				
		N00-51W	135	(41.1)	
	723				
		N11-24W	132	(40.2)	
	724				
		N19-53W	138	(42.1)	
	725				
		N09-28W	36	(11.0)	
	726				
		N17-47E	196	(59.7)	
	727				
		N09-28W	109	(33.2)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION

LAKE SHANNON					
NE	728				
MAP NO.		N17-12W	132	(40.2)	
1	729	N53-33W	109	(33.2)	
	730	N34-42W	95	(29.0)	Descending along a spur ridge dividing Thunder and Diobsud Creek drainages.
	731	N35-42W	79	(24.1)	
	732	N45-00W	88	(26.8)	
	733				
		N37-44W	185	(56.4)	
	734	N54-22W	204	(62.2)	
	735	N60-20W	166	(50.6)	
	736	N71-40W	172	(52.4)	
	737	S82-52W	169	(51.5)	
	738	S86-31W	230	(70.1)	
	739	S79-45W	596	(181.7)	
	740	S82-14W	178	(54.3)	
	741	S73-06W	485	(147.8)	Ascending a spur ridge.
	742	S78-24W	313	(95.4)	
	743	S83-53W	347	(105.8)	
	744	N85-44W	269	(82.0)	
	745	N89-47W	266	(81.1)	
	746	N82-44W	206	(62.8)	
	747	N78-54W	104	(31.7)	
	748	N80-56W	95	(29.0)	
	749				A high point, approximate map elevation 5046.

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
LAKE SHANNON NE MAP NO. 1	750	S51-51W	71	(21.6)	
	751	S37-18W	106	(32.3)	
	752	S63-11W	199	(60.7)	
	753	S68-15W	202	(61.6)	
	754	S70-12W	53	(16.2)	
	755	S81-15W	79	(24.1)	
	756	N83-01W	99	(30.2)	
	757	N86-18W	170	(51.8)	
	758	N82-42W	79	(24.1)	
	759	S81-45W	139	(42.4)	Descending and ascending a ridge.
	760	S76-59W	218	(66.4)	
	761	S80-12W	164	(50.0)	
	762	S80-32W	73	(22.3)	
	763	S82-52W	73	(22.3)	
	764	N72-37W	275	(83.8)	
	765	N78-34W	171	(52.1)	
	766	N80-15W	266	(81.1)	
	767	N73-35W	216	(65.8)	
	768	N77-28W	129	(39.3)	
	769	N79-17W	75	(22.9)	
					A high point on divide between Thunder and Diobsud Creek drainages.
	770	N46-10W	69	(21.0)	
		N25-44W	184	(56.1)	Along divide between Diobsud Creek and Watson Creek.

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)	DESCRIPTION
LAKE SHANNON				
NE	771			
MAP NO.		N09-10W	458 (139.6)	
1	772	N06-42W	497 (151.5)	
	773	N02-46W	372 (113.4)	
	774	N07-18W	339 (103.3)	
	775	N06-01W	76 (23.2)	
	776	N17-39E	69 (21.0)	
	777	N20-21E	132 (40.2)	
	778	N17-06W	82 (25.0)	
	779	N28-27W	164 (50.0)	
	780	N24-57W	159 (48.5)	
	781	N02-14W	154 (46.9)	Along divide between Diobsud Creek and Watson Creek.
	782	N04-01E	114 (34.7)	
	783	N16-50E	169 (51.5)	
	784	N15-41E	118 (36.0)	
	785	N10-47W	128 (39.0)	
	786	N37-45W	129 (39.3)	
	787	N34-21W	145 (44.2)	
	788	N09-44W	142 (43.3)	
	789	N14-46W	192 (58.5)	
	790	N25-51W	142 (43.3)	
	791	N20-25W	46 (14.0)	
	792			A high point on divide, approx- imate map elevation 4751.

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)	DESCRIPTION
LAKE SHANNON NE MAP NO. 1	793	N28-53W	132 (40.2)	
	794	N43-08W	195 (59.4)	
	795	N42-53W	153 (46.6)	
	796	N01-00W	223 (68.0)	
	797	N34-30W	256 (78.0)	
	798	N28-56W	174 (53.0)	
	799	N12-44W	150 (45.7)	
	800	N00-26E	262 (79.9)	
	801	N00-18E	192 (58.5)	
	802	N21-36E	103 (31.4)	
	803	N21-55E	182 (55.5)	
	804	N27-45E	174 (53.0)	
	805	N12-16E	94 (28.7)	Ascending a spur ridge.
	806	N28-53W	132 (40.2)	
	807	N39-23W	173 (52.7)	
	808	N48-03W	133 (40.5)	
	809	N36-15W	74 (22.6)	
	810	N17-01W	205 (62.5)	
	811	N14-55W	190 (57.9)	
	812	N33-58W	118 (36.0)	
	813	N59-16W	86 (26.2)	
	814	N42-11W	86 (26.2)	
		N23-06W	74 (22.6)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION
LAKE SHANNON					
NE	815				
MAP NO.		00-00N	198	(60.4)	
1	816				
		N06-51E	201	(61.3)	
	817				
		N16-42E	94	(28.7)	
	818				
		N40-46E	77	(23.5)	
	819				
		N06-04E	95	(29.0)	
	820				
		N02-33W	90	(27.4)	
	821				
		N40-46W	77	(23.5)	
	822				
		N26-34W	110	(33.5)	
	823				
		N06-14W	111	(33.8)	
	824				
		N07-32E	137	(41.8)	
	825				Ascending a spur ridge.
		N27-45E	129	(39.3)	
	826				
		N30-52E	107	(32.6)	
	827				
		N23-58E	79	(24.1)	
	828				
		N21-19E	88	(26.8)	
	829				
		N12-39E	110	(33.5)	
	830				
		N24-09E	213	(64.9)	
	831				
		N21-15E	232	(70.7)	
	832				
		N21-12E	210	(64.0)	
	833				
		N27-35E	175	(53.3)	
	834				
		N48-53E	167	(50.9)	
	835				
		N49-33E	160	(48.8)	
	836				
		N46-13E	133	(40.5)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION

LAKE SHANNON					
NE	837				
MAP NO.		N25-57E	82	(25.0)	
1	838	N12-16E	118	(36.0)	Ascending a spur ridge.
	839				Summit of Mt. Watson, approximate map elevation 6234 feet.
		N73-11W	100	(30.5)	
840		N71-34W	108	(32.9)	
841		N69-09W	90	(27.4)	
842		N62-14W	86	(26.2)	
843		N65-33W	97	(29.6)	Descend along a ridge crest.
844		N82-14W	155	(47.2)	
845		N78-29W	160	(48.8)	
846		N74-03W	131	(39.9)	
847		N69-36W	83	(25.3)	
848					Intersection of ridge crest and 6000 foot contour.
		N16-20W	338	(103.0)	
849		N19-51W	359	(109.4)	
850		N23-02W	319	(97.2)	
851		N25-41W	293	(89.3)	
852		N26-00W	91	(27.7)	Descending along a ridge crest.
853		N48-39W	67	(20.4)	
854		N65-57W	184	(56.1)	
855		N57-52W	327	(99.7)	
856		N62-45W	225	(68.6)	
857		N64-12W	133	(40.5)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION

LAKE SHANNON					
NE	858				
MAP NO.		N79-10W	96	(29.3)	Descending along a ridge crest.
1	859	N76-42W	170	(51.8)	
	860	00-00W	74	(22.6)	
	861				Intersection of the 5300 foot contour and the ridge crest.
		N81-40W	166	(50.6)	
	862	N83-56W	161	(49.1)	
	863	N73-44W	200	(61.0)	
	864	N61-06W	219	(66.8)	
	865	N58-28W	170	(51.8)	Westerly.
	866	N74-59W	85	(25.9)	
	867	N86-23W	158	(48.2)	
	868	N86-11W	60	(18.3)	
	869	N80-15W	65	(19.8)	
	870				A point on ridge crest dividing Anderson and Noisy Creek drainages.
		N72-43W	94	(28.7)	
	871	N69-27W	273	(83.2)	
	872	N60-21W	208	(63.4)	
	873	N60-57W	165	(50.3)	
	874	N46-58W	123	(37.5)	Descending and ascending the ridge crest.
	875	N28-09W	227	(69.2)	
	876	N30-42W	415	(126.5)	
	877	N33-30W	252	(76.8)	
	878	N43-48W	272	(82.9)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION

LAKE SHANNON					
NE	879				
MAP NO.		N37-30W	163	(49.7)	
1	880				
		N20-23W	75	(22.9)	
	881				
		N01-13W	188	(57.3)	
	882				
		N05-11W	277	(84.4)	
	883				
		N06-55W	274	(83.5)	
	884				
		N03-01W	190	(57.9)	
	885				
		N01-42E	236	(71.9)	
	886				Descending and ascending the ridge crest.
		00-00N	24	(7.3)	
	887				
		N40-36E	46	(14.0)	
	888				
		N02-29E	92	(28.0)	
	889				
		N03-49E	90	(27.4)	
	890				
		N28-42E	96	(29.3)	
	891				
		N51-41E	103	(31.4)	
	892				
		N62-28E	160	(48.8)	
	893				
		N57-43E	90	(27.4)	
	894				
		N44-20E	60	(18.3)	

	895				A high point on Anderson Butte.
		N22-27W	100	(30.5)	
	896				
		N45-46W	159	(48.5)	
	897				
		N60-44W	237	(72.2)	
	898				Descending & ascending a spur ridge.
		N61-04W	238	(72.5)	
	899				
		N58-24W	153	(46.6)	
	900				
		N45-50W	146	(44.5)	

QUAD SHEET NAME	ANGLE POINT	BEARING	DISTANCE FEET (METERS)		DESCRIPTION

LAKE SHANNON					
NE	901				
MAP NO.		N47-52W	113	(34.4)	
1	902				
		N63-26W	89	(27.1)	
	903				Descending & ascending a spur ridge.
		N74-17W	100	(30.5)	
	904				
		N75-58W	49	(14.9)	
	905				
		N01-00W	81	(24.7)	
LAKE SHANNON					
NE	1				The Point of Beginning.
MAP NO. 1					