

# HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA \_\_\_\_\_ STATE/COUNTY AK BOOK NO. 2 PAGE 185 OF \_\_\_\_\_  
 LINE/LOOP NO. 41-81 TYPE SURVEY VERT CLIENT U.S.G.S. DATE 8 DY 3 MO 81 YR  
 SURVEYOR Hokanson/Johns INSTRUMENT DESC/SERIAL NO. WILD T-2 CREW NO. 1186

LINE	<input type="checkbox"/> Δ <input type="checkbox"/> SS <input type="checkbox"/> ⊙	STATION	VERTICAL						HORIZONTAL		REMARKS		
			DISTANCE	<input type="checkbox"/> FEET <input type="checkbox"/> METERS	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	ELEVATION			LR OR DI	RIGHT TURNED HORIZONTAL ANGLE
				SLOPE					HORIZ	INST			
1	Δ	107	3080		89° 45' 45"	11					ELEV. = 25.9	1	@ INT of 12-81 & 41-81
2		"			270° 14' 05"	11	1.9					2	
3	S	106	2640		89-57-33	11						3	
4	S	105	2200		90-17-00	11						4	
5	S	104	1760		90-20-12	11						5	
6	S	103	1320		90-18-23	11						6	
7	S	102	880		90-17-19	11						7	
8	S	101	440		90-49-26	11						8	
9	⊕	100	-0-		-0-	5.6		24.0				9	B.O.L.
10	S	TS 99	440		88-49-46	11			19.3			10	
11	S	TS 98	880		89-25-08	11			21.9			11	
12	S	TS 97	1320		89-38-20	11			21.3			12	
13	S	TS 96	1760		89-44-24	11			21.0			13	
14	S	TS 95	2200		89-47-45	11			21.1			14	
15	S	TS 94	2640		89-50-40	11			20.2			15	
16	S	TS 93	3080		89-52-28	11			19.9			16	
17	S	TS 92	3520		89-53-17	11			20.1			17	

WORKED BY \_\_\_\_\_ CHECKED BY 1ST \_\_\_\_\_ 2ND \_\_\_\_\_

SYMBOLS    Δ = BACKSIGHT    ⊕ = INSTRUMENT SET-UP    SS = SIDESHOT    ⊙ = FORESIGHT

## HORIZONTAL AND VERTICAL SURVEY NOTES

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GSI AREA \_\_\_\_\_ STATE/COUNTY AK BOOK NO. 2 PAGE 186 OF \_\_\_\_\_  
 LINE/LOOP NO. 41-81 TYPE SURVEY VERT. CLIENT U.S.G.S. DATE 8 DY 3 MO 81 YR  
 SURVEYOR HOKANSON/Johns INSTRUMENT DESC/SERIAL NO. WILD T-2 CREW NO. 1186

LINE	<input type="checkbox"/> Δ <input type="checkbox"/> SS <input type="checkbox"/> ⊙	STATION	VERTICAL							HORIZONTAL		REMARKS		
			DISTANCE	<input type="checkbox"/> FEET <input type="checkbox"/> METERS	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	ELEVATION		LR OR DR		RIGHT TURNED HORIZONTAL ANGLE	LINE
				SLOPE					HORIZ	INST				
1	S	TS 91	3960		89-53-41	11			20.5			1		
2	S	TS 90	4400		89-54-44	11			20.1			2		
3	S	TS 89	4840		89-55-38	11			19.6			3		
4	S	TS 88	5280		89-55-55	11			19.8			4		
5	⊙	107	3080		89-45-45	116						5		
6					270 14-40			1.9	25.9			6		
7												7		
8	Δ	107	2640		89-43-16	11						8		
9		"			270-16-39	11		2.0				9		
10	S	108	2200		89-50-05	11						10		
11	S	109	1760		89-47-35	11						11		
12	S	110	1320		89-49-50	11						12		
13	S	111	880		89-39-10	11						13		
14	S	112	440		89-19-08	11						14		
15	Δ	113	-0-		-0-	56			23.9			15		
16	S	114	440		89-09-55	11						16		
17	S	115	880		89-43-13	11						17		

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# HORIZONTAL AND VERTICAL SURVEY NOTES

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GSI AREA \_\_\_\_\_ STATE/COUNTY AK BOOK NO. 2 PAGE 187 OF \_\_\_\_\_  
 LINE/LOOP NO. 41-81 TYPE SURVEY VERT. CLIENT U.S.G.S. DATE 8 DY 3 MO 81 YR  
 SURVEYOR HOKANSON / Johns \* INSTRUMENT DESC/SERIAL NO. WILD T-2 CREW NO. 1186

LINE	  	STATION	VERTICAL						HORIZONTAL			REMARKS		
			DISTANCE	<input type="checkbox"/> FEET <input type="checkbox"/> METERS	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	ELEVATION		L/R OR DI		RIGHT TURNED HORIZONTAL ANGLE	LINE
				SLOPE					HORIZ	INST				
1		116	1320		89-50-67	11						1		
2		117	1760		89-49-27	11						2		
3		118	2200		89-52-21	11						3		
4		119	2640		89-46-06	11						4		
5		"	"		270-13-40	11	-0.3		23.6			5		
6												6		
7		<del>119</del>										7		
8												8		
9												9		
10												10		
11												11		
12												12		
13												13		
14												14		
15												15		
16												16		
17												17		

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# HORIZONTAL AND VERTICAL SURVEY NOTES

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GSI AREA \_\_\_\_\_ STATE/COUNTY AK BOOK NO. 2 PAGE 188 OF \_\_\_\_\_  
 LINE/LOOP NO. 41-81 TYPE SURVEY VERT. CLIENT U.S.G.S. DATE 9 DY 3 MO 81 YR  
 SURVEYOR Hokanson & INSTRUMENT DESC/SERIAL NO. WILD T-2 CREW NO. 1186

LINE	<input type="checkbox"/> Δ <input type="checkbox"/> SS <input type="checkbox"/> ⊙	STATION	VERTICAL						ELEVATION		L/R OR DI	HORIZONTAL		REMARKS
			DISTANCE	<input type="checkbox"/> FEET <input type="checkbox"/> METERS	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	INST	ROD		RIGHT TURNED HORIZONTAL ANGLE	LINE	
				SLOPE										
1	Δ	119	2640		89°-50'-17"	11						1	ELEV @ 119 23.6	
2		"	"		270-09-36	11	3.4					2		
3	S	120	2200		89-53-51	11						3		
4	S	121	1760		89-52-05	11						4		
5	S	122	1320		89-46-40	11						5		
6	S	123	880		89-36-08	11						6		
7	S	124	440		89-11-50	11						7		
8	⊕	125	-0-		-0-	5.4		27.0				8		
9	S	126	440		89-15-45	11						9		
10	S	127	880		89-38-41	11						10		
11	S	128	1320		89-46-30	11						11		
12	S	129	1760		89-50-17	11						12		
13	S	130	2200		89-52-22	11						13		
14	⊙	131	2640		89-53-27	11						14		
15		"	"		270-06-33	11	-5.8	21.2				15		
16												16		
17												17		

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# HORIZONTAL AND VERTICAL SURVEY NOTES

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GSI AREA \_\_\_\_\_ STATE/COUNTY AK BOOK NO. 2 PAGE 189 OF \_\_\_\_\_  
 LINE/LOOP NO. 41-81 TYPE SURVEY VERT CLIENT U.S.G.S. DATE 9 DY 3 MO 81 YR  
 SURVEYOR HOKANSON INSTRUMENT DESC/SERIAL NO. WILD T-2 CREW NO. 1186

LINE	<input type="checkbox"/> Δ <input type="checkbox"/> SS <input type="checkbox"/> ⊙	STATION	VERTICAL						HORIZONTAL		REMARKS		
			DISTANCE	<input type="checkbox"/> FEET <input type="checkbox"/> METERS	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	ELEVATION			L/R OR DIR	RIGHT TURNED HORIZONTAL ANGLE
									SLOPE	HORIZ			
1	Δ	131	2690		89-56-22	11							
2	⊙	"	"		270-03-45	11	8.0						
3	S	132	2200		89-56-51	11							
4	S	133	1760		89-54-32	11							
5	S	134	1320		89-52-52	11							
6	S	135	880		89-47-56	11							
7	S	136	440		90-16-35	11							
8	⊕	137	-0-		-0-	5.6		29.2					
9	S	138	440		89-15-54	11							
10	S	139	880		90-01-35	11							OFFSET WEST 60'
11	S	140	1320		90-01-30	11							" " " 115'
12	S	141	1760		90-00-50	11							" " " 115'
13	S	142	2200		90-00-50	11							" " " 130'
14	⊙	143	2460		89-59-34	11							OFF SET EAST 135'
15		"	"		270-00-36	11	-10.5	18.7					
16													
17													

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# HORIZONTAL AND VERTICAL SURVEY NOTES

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GSI AREA \_\_\_\_\_ STATE/COUNTY AK BOOK NO. 2 PAGE 190 OF \_\_\_\_\_  
 LINE/LOOP NO. 41-81 TYPE SURVEY VERT. CLIENT U.S.G.S. DATE 9 DY 3 MO 81 YR  
 SURVEYOR Hokanson INSTRUMENT DESC/SERIAL NO. WILD 7-2 CREW NO. 1186

LINE	<input type="checkbox"/> Δ <input type="checkbox"/> SS <input type="checkbox"/> ⊙	STATION	VERTICAL						HORIZONTAL		REMARKS				
			DISTANCE	<input type="checkbox"/> FEET <input type="checkbox"/> METERS		VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	ELEVATION		L/R OR DI	RIGHT TURNED HORIZONTAL ANGLE	LINE	
				SLOPE	HORIZ					INST					ROD
1	Δ	143	2640	3080	89-57-20	11							1		
2		"	"	"	270-02-48	11	8.4						2		
3	S	144	<del>2200</del>	2640	89-57-30	11							3	OFFSET EAST 475'	
4	S	145	<del>1760</del>	2200	89-57-21	11							4	" " " 50'	
5	S	146	<del>1200</del>	1760	89-55-45	11							5	" " " 470'	
6	S	147	<del>880</del>	1320	89-53-55	11							6	" " " 80'	
7	S	148	440	880	89-52-42	11							7		
8	S	149	440		89-20-30	5.7	11						8		
9	Δ	150	-0-		-0-	5.7		27.1					9		
10	S	151	440		89-12-33	11							10		
11	S	152	880		89-34-45	11							11		
12	S	153	1720		89-45-50	11							12		
13	S	154	1760		89-51-57	11							13	OFFSET WEST 185'	
14	S	155	2200		89-52-23	11							14	" " " 15'	
15	⊙	156	2640		89-49-48	11							15		
16		"	"		270-10-20	11		-3.0	24.1				16		
17													17		

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# HORIZONTAL AND VERTICAL SURVEY NOTES

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GSI AREA \_\_\_\_\_ STATE/COUNTY AK BOOK NO. 2 PAGE 191 OF \_\_\_\_\_  
 LINE/LOOP NO. 41-81 TYPE SURVEY VERT CLIENT U.S.G.S. DATE 9 DY 3 MO 81 YR  
 SURVEYOR HOKANSON INSTRUMENT DESC/SERIAL NO. WILD T-2 CREW NO. 186

LINE	<input type="checkbox"/> $\Delta$ <input type="checkbox"/> SS <input type="checkbox"/> $\odot$	STATION	VERTICAL						HORIZONTAL		REMARKS	
			DISTANCE		VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	ELEVATION			RIGHT TURNED HORIZONTAL ANGLE
			SLOPE	<input type="checkbox"/> FEET <input type="checkbox"/> METERS					INST	ROD		
1	$\Delta$	156	1760		89-50-20	11					1	
2		11			270-09-42	11	6.0				2	
3	S	157	1320		89-49-43	11					3	
4	S	158	880		89-42-36	11					4	
5	S	159	440		89-24-33	11					5	
6	$\Delta$	160	-0-		-0-	5.6		30.1			6	
7	S	161	440		91-55-50	11					7	
8	S	162	880		90-55-16	11					8	
9	S	163	1320		90-27-30	11					9	
10	S	164	1760		90-10-23	11					10	
11	$\odot$	165	2200		89-51-53	11					11	
12					270-08-13	11	-5.7	24.4			12	
13											13	
14											14	
15											15	
16											16	
17											17	

WORKED BY M.H. CHECKED BY 1ST \_\_\_\_\_ 2ND \_\_\_\_\_

SYMBOLS  $\Delta$  = BACKSIGHT  $\Delta$  = INSTRUMENT SET-UP SS = SIDESHOT  $\odot$  = FORESIGHT

# HORIZONTAL AND VERTICAL SURVEY NOTES

6

GSI AREA \_\_\_\_\_ STATE/COUNTY AK BOOK NO. 2 PAGE 192 OF \_\_\_\_\_  
 LINE/LOOP NO. 41-81 TYPE SURVEY VERT CLIENT U.S.G.S. DATE 9 DY 3 MO 81 YR  
 SURVEYOR HOKANSON INSTRUMENT DESC/SERIAL NO. WILD T-2 CREW NO. 1186

LINE	<input type="checkbox"/> Δ <input type="checkbox"/> SS <input type="checkbox"/> ⊙	STATION	VERTICAL						HORIZONTAL		REMARKS			
			DISTANCE	<input type="checkbox"/> FEET <input type="checkbox"/> METERS	VERTICAL ANGLE OBS.	ROD RDG OR HI'	ELEV DIFF	FINAL ELEVATION DIFF	ELEVATION			L/R OR DI	RIGHT TURNED HORIZONTAL ANGLE	LINE
				SLOPE					HORIZ	INST				
1	Δ	165	2640		89-51-57	11						1		
2		"	"		270-08-08	11	4.6					2		
3	S	166	2200		89-52-18	11						3		
4	S	167	1760		89-49-42	11						4		
5	S	168	1320		89-46-42	11						5		
6	S	169	880		89-37-05	11						6		
7	S	170	440		89-15-33	11						7		
8	Δ	171	-0-		-0-	5.6		29.0				8		
9	S	172	440		89-14-34	11						9		
10	S	173	880		89-33-34	11						10		
11	S	174	1320		89-43-02	11						11		
12	S	175	1760		89-47-41	11						12		
13	S	176	2200		89-50-43	11						13		
14	⊙	177	2640		89-51-00	11						14		
15					270-09-00	11	-3.9	25.1				15		
16												16		
17												17		

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# HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA \_\_\_\_\_ STATE/COUNTY AK BOOK NO. 2 PAGE 193 OF \_\_\_\_\_  
 LINE/LOOP NO. 41-81 TYPE SURVEY VERT. CLIENT U.S.G.S. DATE 9 DY 3 MO 81 YR  
 SURVEYOR Hokanson INSTRUMENT DESC/SERIAL NO. \_\_\_\_\_ CREW NO. 1186

LINE	<input type="checkbox"/> Δ <input type="checkbox"/> SS <input type="checkbox"/> ⊙	STATION	VERTICAL						ELEVATION		LR OR DI	RIGHT TURNED HORIZONTAL ANGLE	LINE	REMARKS
			DISTANCE	<input type="checkbox"/> FEET <input type="checkbox"/> METERS	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	INST	ROD				
			SLOPE	HORIZ										
1	Δ	<del>#17</del> (81458)	26.50		89-47-37	15						1	ELEV. = 23.75	
2		BAR MKR.			270-12-31	15		5.3				2		
3												3		
4												4		
5												5		
6	⋈	173	-0-		-0-	5.6		29.0				6		
7												7		
8												8		
9												9		
10	⊙	177	1760		89-49-32	11						10	FIELD ELEV. 25.1	
11					270-10-39	11		-5.6				11	TIE ELEV. 23.5	
12								23.5				12	TIE = <u>1.6'</u>	
13												13		
14												14		
15												15		
16												16		
17												17		

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# HORIZONTAL AND VERTICAL SURVEY NOTES

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GSI AREA \_\_\_\_\_ STATE/COUNTY AK BOOK NO. 2 PAGE 194 OF \_\_\_\_\_  
 LINE/LOOP NO. 41-81 TYPE SURVEY VERT CLIENT U.S.G.S DATE 9 DY 03 MO 81 YR  
 SURVEYOR HOKANSON INSTRUMENT DESC/SERIAL NO. WILD T-2 CREW NO. 1186

LINE	<input type="checkbox"/> Δ <input type="checkbox"/> SS <input type="checkbox"/> ⊙	STATION	VERTICAL						HORIZONTAL		REMARKS			
			DISTANCE	<input type="checkbox"/> FEET <input type="checkbox"/> METERS	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	ELEVATION			L/R OR DI	RIGHT TURNED HORIZONTAL ANGLE	LINE
				SLOPE					HORIZ	INST				
1	Δ	177	2640		89-55-05	11						1		
2		"	"		270-05-04	11	7.0					2		
3	●	178	2200		89-53-52	11						3		
4	S	179	1760		89-54-34	11						4		
5	S	180	1320		89-49-10	11						5		
6	S	181	880		89-42-05	11						6		
7	S	182	440		89-26-12	11						7		
8	⊗	183	-0-		-0-	5.6	30.5	32.1				8		
9	S	184	440		89-16-50	11						9		
10	S	185	880		89-36-50	11						10		
11	S	186	1320		89-45-51	11						11		
12	S	187	1760		89-52-39	11						12		
13	⊙	188	2200		89-52-40	11						13		
14			"		270-07-29	11	-6.2	26.0				14		
15								24.4				15		
16												16		
17												17		

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# HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA \_\_\_\_\_ STATE/COUNTY AK BOOK NO. 2 PAGE 195 OF 11  
 LINE/LOOP NO. 41-81 TYPE SURVEY VERT. CLIENT U.S.G.S. DATE 9 DY 3 MO 81 YR  
 SURVEYOR HOKANSON INSTRUMENT DESC/SERIAL NO. WILD T-2 CREW NO. 1186

LINE	<input type="checkbox"/> Δ <input type="checkbox"/> SS <input type="checkbox"/> ⊙	STATION	VERTICAL						HORIZONTAL		REMARKS			
			DISTANCE	<input type="checkbox"/> FEET <input type="checkbox"/> METERS	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	ELEVATION			UR OR DI	RIGHT TURNED HORIZONTAL ANGLE	LINE
				SLOPE					HORIZ	INST				
1	Δ	188	2200		90-11-57 11							1		
2		"			269-48-05 11		18.5					2		
3	S	189	1760		90-14-29 11							3		
4	S	190	1320		90-15-50 11							4		
5	S	191	880		90-48-12 19							5		
6	S	192	440	91-01-4	<del>90-48-12</del> 22.2							6		
7	Δ	193	0		0	5.6	42.8	44.5				7		
8	S	194	440		90-37-37 11							8		
9	S	195	880		90-25-03 11							9		
10	S	196	1320		90-17-08 11							10		
11	S	197	1760		90-16-13 11							11		
12	⊙	198	2200		90-67-29 11							12		
13		"			269-52-22 11		-15.7	20.8				13		
14								27.1				14		
15												15		
16												16		
17												17		

WORKED BY M.A. CHECKED BY 1ST \_\_\_\_\_ 2ND \_\_\_\_\_

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# HORIZONTAL AND VERTICAL SURVEY NOTES

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GSI AREA \_\_\_\_\_ STATE/COUNTY AK BOOK NO. 2 PAGE 196 OF \_\_\_\_\_  
 LINE/LOOP NO. 41-B1 TYPE SURVEY VERT. CLIENT U.S.G.S. DATE 9 DY 3 MO 81 YR  
 SURVEYOR Hokanson INSTRUMENT DESC/SERIAL NO. WILD T-2 CREW NO. 1186

LINE	<input type="checkbox"/> Δ <input type="checkbox"/> SS <input type="checkbox"/> ⊙	STATION	VERTICAL						HORIZONTAL		LINE	REMARKS		
			DISTANCE	<input type="checkbox"/> FEET <input type="checkbox"/> METERS	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	ELEVATION				L/R OR DI	RIGHT TURNED HORIZONTAL ANGLE
				SLOPE					HORIZ	INST				
1	Δ	198	2640		89-45-45	//						1		
2		"	"		270-14-17	//	0.1					2		
3	S	199	2200		89-43-10	//						3		
4	S	200	1760		89-39-50	//						4		
5	S	201	1320		89-31-54	//						5		
6	S	202	880		89-20-25	//						6	<del>OFF SET EAST 115'</del>	
7	S	203	440		89-19-06	//						7	OFF SET EAST 115'	
8	⊕	204	0		- 0'	5.6	27.0	28.7				8	IL IL IL 335'	
9	S	205	440		89-19-20	//						9	IL " " 360'	
10	S	206	880		89-26-22	//						10		
11	S	207	1320		89-32-53	//						11		
12	S	208	1760		89-46-22	19						12		
13	⊙	209	2200		89-44-28	//						13		
14					276-15-43	//	-1.0	27.7				14		
15								26.1				15		
16												16		
17												17		

WORKED BY M. H. CHECKED BY 1ST \_\_\_\_\_ 2ND \_\_\_\_\_

SYMBOLS  Δ = BACKSIGHT   
  ⊕ = INSTRUMENT SET-UP   
  SS = SIDESHOT   
  ⊙ = FORESIGHT

# HORIZONTAL AND VERTICAL SURVEY NOTES

13

GSI AREA \_\_\_\_\_ STATE/COUNTY \_\_\_\_\_ BOOK NO. 2 PAGE 197 OF \_\_\_\_\_  
 LINE/LOOP NO. 41-81 TYPE SURVEY VERT. CLIENT U.S.G.S. DATE 9 DY 3 MO 81 YR  
 SURVEYOR HOKANSON INSTRUMENT DESC/SERIAL NO. WILD T-2 CREW NO. 1186

LINE	<input type="checkbox"/> Δ <input type="checkbox"/> SS <input type="checkbox"/> ⊙	STATION	VERTICAL						ELEVATION		L/R OR DI	HORIZONTAL		REMARKS
			DISTANCE	<input type="checkbox"/> FEET <input type="checkbox"/> METERS	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	INST	ROD		RIGHT TURNED HORIZONTAL ANGLE	LINE	
			SLOPE	HORIZ										
1	Δ	209	2640		89-51-10	11							1	
2		4	"		270-09-00	11	9.0						2	
3	S	210	2200		90-04-55	11							3	
4	S	211	1760		89-50-05	11							4	
5	S	212	1320		89-49-00	11							5	
6	S	213	880		89-38-52	11							6	
7	S	214	940		89-14-58	11							7	
8	⊗	215	-0-		-0-	5.6	30.1	31.7					8	
9	⊙	BAR MKR	142'		87-22-12	11' ROD							9	ELEV OF 81453
10		(81453)			272-37-40	11' ROD	-4.5		-27.2				10	= 24.98
11	B	81453	142		87-22-16	11			25.6				11	FIELD ELEV
12	⊗	215	0			5.6							12	= <del>27.2</del> 25.6
13	S	216	940		89-12-22	11							13	TIE = <del>27.2</del>
14	S	217	880		89-33-31	11							14	TIE 0.62
15	S	218	1320		89-42-50	11							15	
16	S	219	1760		89-47-21	11							16	
17	S	220	2200		89-49-18	11							17	

WORKED BY M.A. CHECKED BY 1ST \_\_\_\_\_ 2ND \_\_\_\_\_

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# HORIZONTAL AND VERTICAL SURVEY NOTES

14

GSI AREA \_\_\_\_\_ STATE/COUNTY AK BOOK NO. 2 PAGE 198 OF \_\_\_\_\_  
 LINE/LOOP NO. 41-81 TYPE SURVEY VERT. CLIENT U.S.G.S. DATE 9 DY 3 MO 81 YR  
 SURVEYOR Hokanson INSTRUMENT DESC/SERIAL NO. WILD T-2 CREW NO. 1186

LINE	<input type="checkbox"/> Δ <input type="checkbox"/> SS <input type="checkbox"/> ⊙	STATION	VERTICAL						HORIZONTAL		REMARKS	
			DISTANCE	<input type="checkbox"/> FEET <input type="checkbox"/> METERS	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	ELEVATION			RIGHT TURNED HORIZONTAL ANGLE
				SLOPE					HORIZ	INST		
1	⊙	221	2640		89-51-58	77					1	E.O. 2.
2			"		270°08-06	77	-4.7		27.0		2	
3									25.7		3	
4											4	
5	S	222 T.S.	440		89-52-04	81			21.7		5	
6	S	223 T.S.	880		89-53-48	11			22.3		6	
7	S	224 T.S.	1320		89-55-51	11			22.3		7	
8	S	225 T.S.	1760		89-57-27	11			22.1		8	
9	S	226 T.S.	2200		89-58-36	22'			10.7		9	
10	S	227 T.S.	2460		89-59-40	6'			26.1		10	
11											11	
12											12	
13											13	
14											14	
15											15	
16											16	
17											17	

WORKED BY M.H. CHECKED BY 1ST \_\_\_\_\_ 2ND \_\_\_\_\_

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