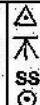











# HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BADEN STATE/COUNTY ALASKA BOOK NO. 1 PAGE 234 OF         
 LINE/LOOP NO. 608 TYPE SURVEY        CLIENT HUSKY NR DATE 21 DY 2 MO 79 YR  
 SURVEYOR T. SHERMILL INSTRUMENT DESC/SERIAL NO.        CREW NO. 1182

LINE		STATION	VERTICAL						ELEVATION		LR OR DR	RIGHT TURNED HORIZONTAL ANGLE	LINE	REMARKS
			DISTANCE	<input type="checkbox"/> FEET <input checked="" type="checkbox"/> METERS	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	INST	ROD				
				SLOPE 										
1														
2		79113	9.45	<input checked="" type="checkbox"/>	90 —	1.7	+1.7	112.9	111.0		79113	1	(11-02)	
3			✓		270 —	1.7						2		
4		SP.20	0		90 —	5.0	-5.0		107.9			3		
5		19	1320		89 52 10	9.0	-6.0		106.9			4		
6		18	2640		89 55 00	9.0	-5.0		107.9			5		
7		17	3960		89 56 50	9.0	-4.8		108.1			6		
8			✓		270 03 30	9.0						7		
9												8		
10		17	3960		89 56 30	9.0	+4.4	112.8				9		
11			✓		270 04 00	9.0						10		
12		16	2640		89 55 20	9.0	-5.3		107.5			11		
13		15	1320		89 52 10	9.0	-6.0		106.8			12		
14		14	0		90 —	5.0	-5.0		107.8			13		
15		13	1320		89 48 30	9.0	-4.6		108.2			14		
16		12	2640		89 49 30	9.0	-0.8		112.0			15		
17												16		
												17		


TI-23471B

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**SYMBOLS**     = BACKSIGHT     = INSTRUMENT SET-UP     = SIDESHOT     = FORESIGHT

# HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 235 OF       
 LINE/LOOP NO. 60B TYPE SURVEY      CLIENT HUSKY APC DATE 21 DY 2 MO 79 YR  
 SURVEYOR T. SPERLILL INSTRUMENT DESC/SERIAL NO.      CREW NO. 1182

LINE	△ ↑ SS ⊙	STATION	VERTICAL						ELEVATION		L/R OR DI	HORIZONTAL RIGHT TURNED HORIZONTAL ANGLE	LINE	REMARKS
			DISTANCE	☑ FEET ☐ METERS	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	INST	ROD				
				SLOPE 										
1												1		
2	⊙	S. 111	3960		89 54 30	9.0 } 270 06 00 9.0 }		-2.1		112.8	110.7		2	
3	⊙		✓										3	
4													4	
5	△	11	1320		90 20 30	9.0 } 269 40 00 9.0 }		+16.7		127.6			5	
6	△		✓										6	
7	⊗	10	0		90 —	5.0		-5.0			122.6		7	
8		9	1320		90 06 00	9.0		-11.3			116.3		8	
9		8	2640		90 02 30	9.0		-10.8			116.8		9	
10	⊙	7	3960		89 59 00	9.0 } 270 01 30 9.0 }		-7.2			120.4		10	
11	⊙		✓										11	
12													12	
13	△	7	495		90 23 30	9.0 } 269 37 00 9.0 }		+12.3		133.0			13	
14	△		✓										14	
15	⊗	6 + 82.5	0		90 —	5.0		-5.0			128.0		15	
16		8	825		90 12 00	9.0		-11.9			121.1		16	
17		5	2145		90 05 40	9.0		-12.4			120.6		17	

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# HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 236 OF         
 LINE/LOOP NO. 608 TYPE SURVEY        CLIENT WASKY WRR DATE 21 BY 2 MO 79 YR  
 SURVEYOR T. SHERKIN INSTRUMENT DESC/SERIAL NO.        CREW NO. 1182

LINE	  	STATION	VERTICAL						ELEVATION		LR OR DR	RIGHT TURNED HORIZONTAL ANGLE	LINE	REMARKS	
			DISTANCE	<input checked="" type="checkbox"/> FEET <input type="checkbox"/> METERS		VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	INSI					ROD
				SLOPE	HORIZ										
1															
2		S.P. 4	3465			90 11 30	90 7	-20.1	133.0	112.9					
3			✓			269 49 00	90 7								
4															
5	A	S.P. 4	3960			89 53 40	90 7	+1.0	113.9						
6	A		✓			270 07 00	90 7								
7		3	2640			89 53 30	90 0	-3.9		110.0					
8		2	1320			89 55 00	90 0	-7.0		106.9					
9		1 + 177	177			88 56 00	90 7	-5.5		108.4		79114 - 1182			(108.43)
10		79114	✓			271 08 30	90 7			107.4		79114 - 1182			
11												MISTAKE			
12	A	1 + 177	177			88 52 00	90 7	+5.5	113.9	110.0					
13	A	- 79114	✓			271 08 30	90 7								
14	A	1	0			90 —	50	-5.0		108.9					
15		T.S. 1	1320			90 53 30	40	-24.5		89.4					
16		2	2640			90 27 10	40	-24.7		89.2					
17		3	3960			90 17 40	40	-24.0		89.9					

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 = BACKSIGHT    
 = INSTRUMENT SET UP    
 = SIDESHOT    
 = FORESIGHT

# HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA B. Arrow STATE/COUNTY ALASKA BOOK NO. 1 PAGE 237 OF       
 LINE/LOOP NO. 608 TYPE SURVEY      CLIENT Husky NPA DATE 21 DY 2 MO 79 YR  
 SURVEYOR T. SHERWIN INSTRUMENT DESC/SERIAL NO.      CREW NO. 1182

















LINE	  	STATION	VERTICAL							HORIZONTAL		REMARKS	
			DISTANCE	<input checked="" type="checkbox"/> FEET <input type="checkbox"/> METERS	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	ELEVATION		L/R OR D/I		RIGHT TURNED HORIZONTAL ANGLE
			SLOPE	HORIZ			INST	ROD					
1									113.9			1	
2		T.S. 4	5280		90 10 40	4.0	-19.8		94.1			2	
3		5	6600		90 05 30	4.0	-13.7		100.2			3	
4		6	7920		90 07 30	7.0	-23.0		90.9			4	
5												5	
6					SOUTH END OF LINE							6	
7												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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
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 = INSTRUMENT SET-UP   
 = SIDESHOT   
 = FORESIGHT

# HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARLOW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 238 OF       
 LINE/LOOP NO. 608 TYPE SURVEY      CLIENT HUSKY NLR DATE 21 DY 2 MO 79 YR  
 SURVEYOR T. SHERWIN INSTRUMENT DESC/SERIAL NO.      CREW NO. 1182

LINE	  	STATION	VERTICAL						ELEVATION		L/R OR DI	HORIZONTAL		REMARKS
			DISTANCE	<input checked="" 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														
2		79113	945		90 	1.72	+1.7	112.0	111.0		79113	1	(111.02)	
3			✓		270 	1.71						3		
4		SA 20	0		90 	5.0	-5.0		107.0			4		
5		21	1320		89 50 20	9.0	-5.3		106.7	✓		5		
6		22	2640		89 46 30	9.0	+1.5		113.5			6		
7		23	3960		89 46 00	9.0	+7.5		119.5			7		
8		23 + 521	4481		89 48 30	9.07	+6.7		118.7			8		
9			✓		270 12 00	9.07						9		
10												10		
11		23 + 521	3439		89 45 50	9.07	-5.6	112.6				11		
12			✓		270 14 30	9.07						12		
13		24	2640		89 46 00	9.0	+1.9		114.5			13		
14		25	1320		89 52 20	9.0	+6.0		106.6			14		
15		26	0		90 	5.0	-5.0		107.6			15		
16		27	1320		89 52 40	9.0	+6.2		106.4			16		
17		28	2640		89 44 00	9.0	+3.4		116.0			17		

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SYMBOLS  = BACKSIGHT  = INSTRUMENT SET-UP  = SIDESHOT  = FORSIGHT

# HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA Barrow STATE/COUNTY ALASKA BOOK NO. 1 PAGE 239 OF       
 LINE/LOOP NO. 608 TYPE SURVEY      CLIENT Husky NRE DATE 21 BY 2 MO 79 YR       
 SURVEYOR T. SHILLIL INSTRUMENT DESC/SERIAL NO.      CREW NO. 1182

LINE	  	STATION	VERTICAL						HORIZONTAL		REMARKS		
			DISTANCE	<input checked="" 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
				SLOPE					HORIZ	INST			
1									112.6			1	
2	⊙	S.P. 28 + 1155	3795		89 52 10	9.0	+0.2		112.8			2	
3	⊙		✓		270 08 20	9.0						3	
4												4	
5	Δ	28 + 1155	4125		89 52 10	9.0	-1.1		111.1			5	
6	Δ		✓		270 08 20	9.0						6	
7		29	3960		89 51 30	9.0	+1.1		112.2			7	
8		30	2640		89 53 50	9.0	-4.1		107.1			8	
9		31	1320		89 56 40	9.0	-7.7		103.4			9	
10	π	32	0		90 —	5.0	-5.0		106.1			10	
11		33	1320		89 51 00	9.0	-5.5		105.0			11	
12		34	2640		90 03 50	9.0	-11.8		99.3			12	
13	⊙	35	3960		89 59 20	9.0	-7.6		103.5			13	
14	⊙		✓		270 01 10	9.0						14	
15												15	
16	Δ	35	4785		89 56 30	9.0	+3.4		106.9			16	
17	Δ		✓		270 03 50	9.0						17	

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# HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARLOW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 24 OF 7  
 LINE/LOOP NO. 608 TYPE SURVEY \_\_\_\_\_ CLIENT HUSKEY NLR DATE 21 DY 2 MO 79 YR  
 SURVEYOR T. SHERRILL INSTRUMENT DESC/SERIAL NO. \_\_\_\_\_ CREW NO. 1182

LINE	  	STATION	VERTICAL						ELEVATION		L/R OR D/I	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									106.9			1		
2		S.A. 36	3465		90 02 00	9.0		-10.8	96.1			2		
3		37	2745 (21.45)		89 50 50	9.0		-3.2	103.7			3		
4		38	8825		90 29 40	9.0		-11.3	95.4			4		
5	$\pi$	38+825	0		90 —	5.0		-5.0	101.9			5		
6	$\odot$	79112	0		90 —	5.0		-5.0	101.9		79112 - 8000	6	(10.94)	
7	$\odot$	-38+825	0		270 —	5.0			103.8		79112 - 1182	7		
8									±1.9		MISSE	8		
9												9		
10												10		
11									101.9		79112	11		
12	A	79112	0		90 —	5.0		+5.0	107.3			12		
13	$\Delta$	-38+825	0		270 —	5.0						13		
14	$\pi$	38+825	0		90 —	5.0		5.0	102.3			14		
15		39	495		89 44 50	9.0		-6.8	100.5			15		
16		40	1815		90 06 50	9.0		-11.0	96.3			16		
17												17		

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SYMBOLS

$\Delta$  = BACKSIGHT

$\pi$  = INSTRUMENT SET-UP

SS = SIDESHOT

$\odot$  = FORESIGHT

# HORIZONTAL AND VERTICAL SURVEY NOTES

8

GSI AREA BALLOU STATE/COUNTY ALASKA BOOK NO. 1 PAGE 241 OF       
 LINE/LOOP NO. 608 TYPE SURVEY      CLIENT Husky N/R DATE 21 DY 2 MO 79 YR  
 SURVEYOR T. SHELL INSTRUMENT DESC/SERIAL NO.      CREW NO. 1182

LINE		STATION	VERTICAL						ELEVATION		L/R OR D/I	HORIZONTAL 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														
2	⊙	S.P. 41	3135		90 08 40	9.0		-16.5		90.8				
3	⊙		✓		269 51 50	9.0								
4														
5	Δ	41	3960		89 50 00	9.0		-3.2	87.8					
6	Δ		✓		270 10 40	9.0		<del>-2.9</del>						
7		42	2640		89 49 00	9.0		-0.4		87.4				
8		43	1320		89 43 40	9.0		-2.7		85.1				
9	π	44	0		90 ———	5.0		-5.0		82.0				
10		45	1320		90 24 00	9.0		-10.5		77.3				
11	⊙	46	2640		89 45 20	9.0		+2.6		90.4				
12	⊙		✓		270 15 10	9.0								
13														
14	Δ	46	3135		89 30 40	9.0		-17.9	72.7					
15	Δ		✓		270 29 10	9.0								
16		47	1815		89 29 20	9.0		+7.3		80.0				
17		48	495		90 14 30	9.0		-11.1		61.6				

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# HORIZONTAL AND VERTICAL SURVEY NOTES

9

GSI AREA BALLOU STATE/COUNTY ALASKA BOOK NO. 1 PAGE 242 OF         
 LINE/LOOP NO. 608 TYPE SURVEY        CLIENT HUSKY MTR DATE 22 BY 2 MO 79 YR  
 SURVEYOR T. SHERKILL INSTRUMENT DESC/SERIAL NO.        CREW NO. 1152

LINE	  	STATION	VERTICAL						ELEVATION		LIR OR DIR	RIGHT TURNED HORIZONTAL ANGLE	LINE	REMARKS
			DISTANCE	<input checked="" type="checkbox"/> FEET <input type="checkbox"/> METERS	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	INST	ROD				
			SLOPE 	HORIZ 										
1									72.7			1		
2		SR 48 + 405	0		90 ——— 5.0		-5.0		67.7			2		
3		49	825		90 13 50 9.0		-12.3		60.4			3		
4		50	2145		89 + 4 30 9.0		+0.8		73.5			4		
5		50	<del>2145</del> ✓		270 15 30 9.0							5		
6												6		
7												7		
8		50	3960		90 08 30 9.0		+18.6	92.3				8		
9			✓		269 51 20 9.0							9		
10		51	2640		90 29 20 9.0		-31.4		60.9			10		
11		52	1320		90 30 40 9.0		-20.7		71.6			11		
12		53	0		90 ——— 5.0		-5.0		87.3			12		
13		79111	1500		90 ——— 3.5		-3.5		88.8		79111 - BACK	13	(88.84)	
14			✓		220 ——— 3.5				87.8		79111 - 1182	14		
15												15		
16									+1.0		MISFILE	16		
17												17		

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# HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA Balkov STATE/COUNTY ALASKA BOOK NO. 1 PAGE 243 OF 10  
 LINE/LOOP NO. 608 TYPE SURVEY \_\_\_\_\_ CLIENT HASKY NPK DATE 22 DY 2 MO 79 YR  
 SURVEYOR T. SHERLIVE INSTRUMENT DESC/SERIAL NO. \_\_\_\_\_ CREW NO. 1182

LINE	  	STATION	VERTICAL						ELEVATION		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	L/R OR D/E	RIGHT TURNED HORIZONTAL ANGLE		LINE
				SLOPE										
1									88.8		79111	1		
2		79111	1500		90	3.5	+3.5	91.9				2		
3			✓		270	3.5						3		
4		53	0		90	5.0	-5.0		86.9			4		
5		54	1320		90 00 40	9.0	-9.2		82.7			5		
6		55	2640		90 10 20	9.0	-16.8		75.1			6		
7		56	3960		90 10 00	9.0	-20.2		71.7			7		
8			✓		269 50 00	9.0						8		
9												9		
10		56	3960		89 56 30	9.07	+4.5 +8.9	75.8				10		
11			✓		270 03 50	9.0						11		
12		57	2640		89 56 30	9.0	-6.2		69.6			12		
13		58	1320		89 54 00	9.0	-6.7		69.1			13		
14		59	0		90	5.0	-5.0		70.8			14		
15		60	1320		89 41 50	9.0	-2.0		73.8			15		
16		61	2640		89 55 40	9.0	-5.5		70.3			16		
17												17		

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# HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 244 OF 11  
 LINE/LOOP NO. 608 TYPE SURVEY \_\_\_\_\_ CLIENT HUSKY NPR DATE 22 DY 2 MO 79 YR  
 SURVEYOR T. SHELDON INSTRUMENT DESC/SERIAL NO. \_\_\_\_\_ CREW NO. 1182

LINE	  	STATION	VERTICAL							HORIZONTAL		REMARKS		
			DISTANCE	<input checked="" type="checkbox"/> FEET <input type="checkbox"/> METERS	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	ELEVATION		L/R OR D/I		RIGHT TURNED HORIZONTAL ANGLE	
			SLOPE 	HORIZ 				INST	ROD					
1									75.8			1		
2		S.P. 62	3960		89 54 00	9.0		-1.6		74.2			2	
3			✓		270 06 20	9.0							3	
4													4	
5		62	3960		89 51 70	9.0		-1.6		72.3			5	
6			✓		270 09 10	9.0							6	
7		63	2640		89 53 30	9.0		-3.9		68.4			7	
8		64	1320		90 04 00	9.0		-10.5		61.8			8	
9		65	0		90 —	5.0		-5.0		67.3			9	
10		66	1320		89 53 40	9.0		-6.5		65.8			10	
11		67	2640		89 55 30	9.0		-8.8		67.2			11	
12			✓		270 05 10	9.0							12	
13													13	
14		67	2640		89 50 30	9.0		+1.4		68.4			14	
15			✓		270 09 50	9.0							15	
16		68	1320		89 46 40	9.0		-3.8		64.6			16	
17		69	0		90 —	5.0		-5.0		63.4			17	

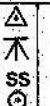



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SYMBOLS = BACKSIGHT = INSTRUMENT SET-UP = SIDESHOT = FORESIGHT

# HORIZONTAL AND VERTICAL SURVEY NOTES



12

GSI AREA Baldwin STATE/COUNTY ALASKA BOOK NO. 1 PAGE 145 OF       
 LINE/LOOP NO. 608 TYPE SURVEY      CLIENT HUSKEY APC DATE 22 DY 2 MO 79 YR  
 SURVEYOR T. SHERKILL INSTRUMENT DESC/SERIAL NO.      CREW NO. 1182

LINE		STATION	VERTICAL						ELEVATION		L/R OR D/I	HORIZONTAL		REMARKS
			DISTANCE	<input checked="" 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														
2		S.P. 70	1320		89 49 10	9.0		-4.8		68.4				
3	0	71	2640		89 53 50	9.0		-3.9		63.6				
4	0		✓		270 08 50	9.0				64.5				
5														
6	Δ	71	2640		89 52 30	9.0		+3.0		67.2				
7	Δ		✓		270 07 50	9.0								
8		72	1320		89 50 10	9.0		-5.2		62.0				
9	π	73	0		90 —	5.0		-5.0		62.2				
10		74	1320		89 50 00	9.0		-5.1		62.1				
11		75	2640		89 49 20	9.0		-0.7		66.5				
12	0	79010	3043		89 39 20	9.0		+9.6		76.8		79110 - BACK		(76.80)
13	0	-75 + 403	✓		270 21 00	9.0				78.4		79110 - 118		
14														
15										± 1.6		ALERTS		
16														
17														

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# HORIZONTAL AND VERTICAL SURVEY NOTES

13

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 246 OF         
 LINE/LOOP NO. 608 TYPE SURVEY        CLIENT MUSKY NAP DATE 23 DY 2 MO 29 YR  
 SURVEYOR T. SHERILL INSTRUMENT DESC/SERIAL NO.        CREW NO. 1182

LINE	  	STATION	VERTICAL						ELEVATION		L/R OR D/I	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														
2		79100	4077		89 55 50	90 7	+2.6	80.3	76.8		79110	1		
3		= 75 + 403	✓		270 04 10	9.0						2		
4		76	3960		90 02 00	9.0	-11.0		69.3			3		
5		77	2640		90 04 00	9.0	-11.9		68.4			4		
6		78	1320		90 03 00	9.0	-10.1		70.2			5		
7		79	0		90 —	5.0	-5.0		75.3			6		
8		80	1320		90 14 40	9.0	-14.6		65.7			7		
9		81	2640		90 10 20	9.0	-16.8		63.5			8		
10		82	3960		90 08 40	15.0	-24.6		55.7			9		
11			✓		269 51 30	15.0						10	LAKE ITWICK	
12												11		
13			S.P. 82 - 93		ON LAKE ITWICK							12		
14												13		
15		93	2640		90 08 30	15.0	+21.4	77.5				14		
16			✓		269 51 30	15.0						15		
17												16		

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 = INSTRUMENT SET-UP   
 = SIDESHOT   
 = FORESIGHT

# HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA Barrow STATE/COUNTY ALASKA BOOK NO. 1 PAGE 247 OF       
 LINE/LOOP NO. 608 TYPE SURVEY      CLIENT MUSKEY NAR DATE 23 DY 2 MO 79 YR  
 SURVEYOR T. SKELLEN INSTRUMENT DESC/SERIAL NO.      CREW NO. 1182

LINE		STATION	VERTICAL						ELEVATION		LIR OR DIA	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														
2		93 + 555	2085		90 04 20	90.7	-11.5		77.5	6.0		79109 - 8M		(66.01)
3		= 79109	✓		269 55 40	90.7				64.7		79109 - 1182		
4										± 1.3		MISTAKE		
5														
6										66.0		79109		
7		79109	2085		90 04 20	90.7	+11.5	78.0						
8		= 93 + 555	✓		269 55 40	90.7								
9		94	1320		90 01 20	90	-9.5			68.5				
10		95	0		90 —	5.0	-5.0			73.0				
11		96	1320		90 12 30	90	-13.8			64.2				
12		97	2640		90 07 10	90	-14.4			63.6				
13		98	3960		90 05 30	90.7	-15.0			63.0				
14			✓		269 54 30	90.7								
15														
16		98	3960		90 00 00	90.7	+8.6	72.0						
17			✓		270 00 10	90.7								

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# HORIZONTAL AND VERTICAL SURVEY NOTES

15

GSI AREA Barrow STATE/COUNTY ALASKA BOOK NO. 1 PAGE 248 OF       
 LINE/LOOP NO. 608 TYPE SURVEY      CLIENT Husky NAC DATE 23 DY 2 MO 79 YR  
 SURVEYOR T. STEPHENSON INSTRUMENT DESC/SERIAL NO.      CREW NO. 1182

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 D/I		RIGHT TURNED HORIZONTAL ANGLE	LINE
				SLOPE					HORIZ	INST				
1									72.0			1		
2		S.P. 99	26.40		89 59 30	9.0		-8.5		63.5			2	
3		100	13.20		89 59 00	9.0		-8.6		63.4			3	
4		101	0		90 —	5.0		-5.0		67.0			4	
5		102	13.20		89 36 30	9.0		+0.1		72.1			5	
6		103	26.40		89 51 50	9.0		-2.6		69.4			6	
7		104	39.60		89 51 00	15.0		-4.2		67.8			7	
8			✓		270 09 10	15.0							8	
9													9	
10		104	39.60		89 51 20	15.0		+4.6	72.9				10	
11			✓		270 08 50	15.0							11	
12		105	26.40		89 56 10	9.0		-5.9		62.0			12	
13		106	13.20		89 52 00	9.0		-5.9		67.0			13	
14		107	0		90 —	5.0		-5.0		67.9			14	
15		108	13.20		89 49 50	9.0		-5.1		67.8			15	
16		109	26.40		89 54 20	9.0		-4.5		68.4			16	
17													17	

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# HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARLOW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 249 OF 16  
 LINE/LOOP NO. 608 TYPE SURVEY \_\_\_\_\_ CLIENT AUSKY NPL DATE 23 DY 2 MO 79 YR  
 SURVEYOR T. SHERILL INSTRUMENT DESC/SERIAL NO. \_\_\_\_\_ CREW NO. 1182

LINE	  	STATION	VERTICAL						HORIZONTAL		REMARKS			
			DISTANCE	<input checked="" type="checkbox"/> FEET <input type="checkbox"/> METERS	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	ELEVATION			L/R OR DJI	RIGHT TURNED HORIZONTAL ANGLE	
			SLOPE 	HORIZ 				INST	ROD	LINE				
1								72.9				1		
2		51 110	3960		89 57 50	9.0		-6.0		66.9			2	
3			✓		270 02 30	9.0							3	
4													4	
5		110	3710		90 10 20	9.0		719.8		86.7			5	
6			✓		269 49 50	9.0							6	
7		111	2390		90 10 20	9.0		-16.1		70.6			7	
8		112	1070		90 20 00	9.0		-15.2		71.5			8	
9		112 + 1070	0		90 —	5.0		-5.0		81.7			9	
10		79108	0		90 —	5.0		-5.0		81.7		79108-BALL	10	(81.73)
11		2112 + 1070	0		270 —	5.0				80.3		79108-1182	11	
12													12	
13										±1.4		MISTIE	13	
14													14	
15										81.7		79108	15	
16		79108	0		90 —	5.0		+5.0		87.3			16	
17		2112 + 1070	0		270 —	5.0							17	

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SYMBOLS

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SS = SIDESHOT

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# HORIZONTAL AND VERTICAL SURVEY NOTES

17

GSI AREA BARLOW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 250 OF       
 LINE/LOOP NO. 608 TYPE SURVEY      CLIENT HUSKY NPK DATE 23 DY 2 MO 79 YR  
 SURVEYOR T. SHERRILL INSTRUMENT DESC/SERIAL NO.      CREW NO. 1182

LINE		STATION	VERTICAL						ELEVATION		LIR OR D/I	RIGHT TURNED HORIZONTAL ANGLE	LINE	REMARKS
			DISTANCE	<input checked="" type="checkbox"/> FEET <input type="checkbox"/> METERS	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	INST	ROD				
			SLOPE 	HORIZ 										
1									87.3			1		
2	$\pi$	S.P. 112+1070	0		90 — 50		-5.0		82.3			2		
3		113	250		90 16 20	9.0	-10.2		77.1			3		
4		114	1570		90 06 10	9.0	-11.8		75.5			4		
5		115	2890		90 02 20	9.0	-10.8		76.5			5		
6	$\odot$	116	4210		90 04 40	9.0	-14.4		72.9			6		
7	$\odot$		✓		269 53 20	9.0						7		
8												8		
9	$\Delta$	116	3960		89 57 10	9.0	+5.4	78.7				9		
10	$\Delta$		✓		270 02 50	9.0						10		
11		117	2640		89 57 30	9.0	-6.9		71.8			11		
12		118	1320		89 51 10	9.0	-5.6		73.1			12		
13	$\pi$	119	0		90 — 50		-5.0		73.7			13		
14		120	1320		89 51 30	9.0	-5.7		73.0			14		
15		121	2640		89 59 20	9.0	-8.3		70.4			15		
16	$\odot$	122	3960		89 58 20	9.0	-6.7		72.0			16		
17	$\odot$		✓		270 01 50	9.0						17		

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

# HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 251 OF       
 LINE/LOOP NO. 608 TYPE SURVEY      CLIENT Husky NR DATE 23 DY 2 MO 79 YR  
 SURVEYOR T. STELLER INSTRUMENT DESC/SERIAL NO.      CREW NO. 1182

LINE	  	STATION	VERTICAL						ELEVATION		LIR OR DII	RIGHT TURNED HORIZONTAL ANGLE	LINE	REMARKS
			DISTANCE	<input checked="" type="checkbox"/> FEET <input type="checkbox"/> METERS	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	INST	ROD				
			SLOPE	HORIZ										
1														
2		122	797		89 32 50	90		12.7	74.7					
3			✓		270 27 20	90								
4		122+797	0		90	90		-5.0		69.7				
5		123	523		91 16 20	4.0		-15.6		59.1				
6		124	1843		91 14 50	4.0		-44.1		30.6				EDGE OF COAST
7		79107	0		90	5107		-5.0		69.7	79107-8442			(69.72)
8		-122+797	0		270	6.0				68.8	79107-1182			
9														
10										±0.9	NOTE			
11														
12		TAIL SPREAD 1-6 ON ICE - SEA LEVEL												
13														
14														
15														
16														
17														

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SYMBOLS

= BACKSIGHT

= INSTRUMENT SET UP

SS = SIDESHOT

= FORESIGHT