

# HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARLOW STATE/COUNTY ALASKA BOOK NO. 3 PAGE 583 OF       
 LINE/LOOP NO. 75XWS TYPE SURVEY      CLIENT HUSKY NPL DATE 23 BY 4 MO 79 YR  
 SURVEYOR T. S. WETKILL 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 DI	RIGHT TURNED HORIZONTAL ANGLE		LINE
				SLOPE 										
1									6.0		79019	1		
2		79019	587		89 42 00	9.0		+6.0	12.0			2		
3			✓		270 17 40	9.0						3		
4		S.P. 2	0		90 —	5.0		-5.0		7.0		4		
5		1	080		90 05 40	4.0		-5.4		6.6		5		
6		T.S. 1	1760		90 02 50	4.0		-5.4		6.6		6		
7		2	2640		90 02 20	4.0		-5.7		6.3		7		
8		3	3520		90 00 30	4.0		-4.3		7.7		8		
9		4	4400		89 57 30	4.0		-0.4		11.6		9		
10		5	5280		89 56 50	4.0		+1.4		13.4		10		
11		6	6600		89 57 30	4.0		+1.7		13.7		11		
12		S.P. 3	880		89 48 50	9.0		-6.1		5.9		12		
13		4	1760		89 54 40	9.0		-6.2		5.8		13		
14		5	2640		89 59 10	9.0		-8.2		3.8		14		
15		6	3520		90 00 40	9.0		-9.4		2.6		15		
16		7	4400		89 58 00	9.0		-6.3		5.7		16		
17			✓		270 01 40	9.0						17		

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

# HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA Barrow STATE/COUNTY ALASKA BOOK NO. 3 PAGE 584 OF       
 LINE/LOOP NO. 75XWS TYPE SURVEY      CLIENT Husky NAC DATE 23 DAY 4 MO 79 YR  
 SURVEYOR T. SHERRILL INSTRUMENT DESC/SERIAL NO.      CREW NO. 1182

LINE	△ SS ◎	STATION	VERTICAL							HORIZONTAL		REMARKS			
			DISTANCE	FEET 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										5.7			1		
2	△	S.P. 7	4400		90 00 10	9.0		+9.0	14.7				2		
3	△		✓		269 54 30	9.0							3		
4		8	3520		89 56 40	9.0		-5.3		9.4			4		
5		9	2640		89 55 30	9.0		-5.4		9.3			5		
6		10	1760		89 56 10	9.0		-7.0		7.7			6		
7		11	880		89 45 10	9.0		-5.2		9.5			7		
8	⊕	12	0		90 —	5.0		-5.0		9.2			8		
9	⊕	12+392/75XWS -78+262 L-674	392		89 20 30	9.0		-4.5		10.3			9		
10	⊕	S.P. 7B-K-674	320		89 18 50	9.0		-5.2		9.5			10		
11		13	880		89 36 00	9.0		-2.8		11.9			11		
12		14	1760		89 48 40	9.0		-3.1		11.6			12		
13	⊕	15	2640		89 54 00	9.0		-4.4		10.3			13		
14	⊕		✓		270 05 40	9.0							14		
15													15		
16	△	15	3124		89 50 50	9.0		+0.6	10.8				16		
17	△		✓		270 08 50	9.0							17		

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# HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 3 PAGE 585 OF       
 LINE/LOOP NO. 75XWS TYPE SURVEY      CLIENT HUSKY AIR DATE 23 DY 4 MO 79 YR  
 SURVEYOR T. SHERRILL INSTRUMENT DESC/SERIAL NO.      CREW NO. 1182

LINE	  	STATION	VERTICAL						ELEVATION		LR 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									10.8				1	
2		SP 16	2244		89 47 50	9.0	-1.0		9.8				2	
3		17	1364		89 44 40	9.0	-2.9		7.9				3	
4		18	484		89 38 00	9.0	-5.9		4.9				4	
5		18+484	0		90 —	5.0	-5.0		5.8				5	
6		19	396		89 31 10	9.0	-5.7		5.1				6	
7		20	1276		89 53 50	9.0	-6.7		4.1				7	
8		21	2156		89 55 40	9.0	-6.2		4.6				8	
9		22	3036		89 56 50	9.0	-6.0		4.8				9	
10		23	3916		89 55 40	9.0	-3.9		6.9				10	
11			✓		270 04 00	9.0							11	
12													12	
13		23	4400		89 57 20	9.0	+5.8		12.2				13	
14			✓		270 02 30	9.0							14	
15		24	3520		89 56 50	9.0	-5.5		6.7				15	
16		25	2640		89 54 40	9.0	-4.8		7.4				16	
17		26	1760		89 53 50	9.0	-5.8		6.4				17	

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# HORIZONTAL AND VERTICAL SURVEY NOTES

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GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 3 PAGE 586 OF       
 LINE/LOOP NO. 75XWS TYPE SURVEY      CLIENT Husky NPL DATE 23 DAY 4 MO 79 YR  
 SURVEYOR T. SHERRILL INSTRUMENT DESC/SERIAL NO.      CREW NO. 1182

LINE	  	STATION	VERTICAL						ELEVATION		LR OR DI	HORIZONTAL		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		RIGHT TURNED HORIZONTAL ANGLE	LINE	
				SLOPE										
1									12.2				1	
2		SP. 27	880		89 47 10	9.0		-5.7		6.5			2	
3		28	0		90 —	5.0		-5.0		7.7			3	
4		29	880		89 46 00	9.0		-5.4		6.8			4	
5		30	1760		89 53 50	9.0		-5.8		6.4			5	
6		31	2640		89 56 00	9.0		-5.8		6.4			6	
7		32	3520		89 58 10	9.0		-6.9		5.3			7	
8		33	4400		89 58 50	9.0		-7.2		5.0			8	
9			✓		270 01 00	9.0							9	
10													10	
11		33	4400		89 55 10	9.0		+2.7	7.7				11	
12			✓		270 04 20	9.0							12	
13		34	3520		89 54 30	9.0		-3.1		4.6			13	
14		35	2640		89 53 00	9.0		-3.5		4.2			14	
15		36	1760		89 50 50	9.0		-4.2		3.5			15	
16		37	880		89 46 00	9.0		-5.4		2.3			16	
17		38	0		90 —	5.0		-5.0		2.7			17	

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# HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARLOW STATE/COUNTY ALASKA BOOK NO. 3 PAGE 587 OF       
 LINE/LOOP NO. 75 LWS TYPE SURVEY      CLIENT      DATE 24 DY 4 MO 79 YR  
 SURVEYOR T. SHERRILL INSTRUMENT DESC/SERIAL NO.      CREW NO. 1182

LINE	△ ⊥ SS ⊙	STATION	VERTICAL						ELEVATION		L/R OR DI	HORIZONTAL		REMARKS
			DISTANCE	<input checked="" type="checkbox"/> FEET	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	INST	ROD		RIGHT TURNED HORIZONTAL ANGLE	LINE	
				<input type="checkbox"/> METERS										
1									7.7				1	
2		S1. 39	880		89 46 50	9.0		-5.6		2.1			2	
3		40	1760		89 53 20	9.0		-5.5		2.2			3	
4		41	2640		89 55 20	9.0		-5.3		2.4			4	
5		42	3520		89 56 00	9.0		-4.7		3.0			5	
6	⊙	43	4400		89 56 40	9.0		-4.7		3.0			6	
7	⊙		✓		270 02 50	9.0							7	
8													8	
9	△	43	4400		89 57 50	9.0		+6.2	9.1				9	
10	△		✓		270 01 40	9.0							10	
11	NT	S.P. 43 + 49L/152WS S.P. 65 + 49L/152BN	3904		89 57 20	9.0		-5.7		3.4			11	
12		S.P. 65 - LINE 62BN	3900		89 57 30	9.0		-5.9		3.2			12	
13		44	3520		89 57 50	9.0		-6.5		2.6			13	
14		45	2640		89 56 50	9.0		-6.4		2.7			14	
15		46	1760		89 54 40	9.0		-6.2		2.9			15	
16		47	880		89 52 10	9.0		-7.0		2.1			16	
17	⊥	48	0		90 —	5.0		-5.0		4.1			17	

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# HORIZONTAL AND VERTICAL SURVEY NOTES

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GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 3 PAGE 588 OF       
 LINE/LOOP NO. 75XWS TYPE SURVEY      CLIENT Husky HR DATE 24 DY 4 MO 79 YR  
 SURVEYOR T. SHERKILL INSTRUMENT DESC/SERIAL NO.      CREW NO. 1182

LINE	△ ⊥ SS ⊙	STATION	VERTICAL						ELEVATION		LR OR DR	HORIZONTAL RIGHT TURNED HORIZONTAL ANGLE	LINE	REMARKS
			DISTANCE	<input checked="" type="checkbox"/> FEET	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	ELEVATION					
				<input type="checkbox"/> METERS					INST	ROD				
		SLOPE 	HORIZ 											
1									91			1		
2		56 49	880		89 24 30	9.0	+0.1		9.2			2		
3		50	1760		89 37 30	9.0	+2.6		11.7			3		
4		51	2640		89 44 40	9.0	+2.9		12.0			4		
5		52	3520		89 49 20	9.0	+2.2		11.3			5		
6	⊙	52 + 251	3771		89 49 50	9.0	+2.3		11.4			6		
7	⊙		✓		270 09 50	9.0						7		
8												8		
9	△	52 + 251	4149		89 52 20	9.0	-0.3	11.0				9		
10	△		✓		270 07 10	9.0						10		
11		53	3520		89 54 30	9.0	-3.1		7.9			11		
12		54	2640		89 57 00	9.0	-6.6		4.4			12		
13		55	1760		89 54 20	9.0	-6.0		5.0			13		
14		56	880		89 46 40	9.0	-5.6		5.4			14		
15	⊥	57	0		90 —	5.0	-5.0		6.0			15		
16		58	880		89 45 50	9.0	-5.4		5.6			16		
17		59	1760		89 53 20	9.0	-5.5		5.5			17		

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# HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA Barrow STATE/COUNTY ALASKA BOOK NO. 3 PAGE 589 OF 7  
 LINE/LOOP NO. 75LWS TYPE SURVEY \_\_\_\_\_ CLIENT Husky NIP DATE 24 DY 4 MO 79 YR  
 SURVEYOR T. SHAMIC INSTRUMENT DESC/SERIAL NO. \_\_\_\_\_ CREW NO. 1182

LINE	  	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										11.0			1		
2		S.P. 60	2640			89 54 40	9.0	-4.8		6.2			2		
3		61	3520			89 59 10	9.0	-7.9		3.1			3		
4		62	4400			90 00 00	9.0	-8.8		2.2			4		
5			✓			269 54 40	9.0						5		
6													6		
7		62	4400			89 57 00	10.0	+6.0		8.1			7		
8			✓			270 02 40	10.0						8		
9		63	3520			89 56 20	10.0	-6.0		2.2			9		
10		64	2640			89 55 40	9.0	-5.5		2.6			10		
11		65	1760			89 52 20	9.0	-5.0		3.1			11		
12		66	880			89 29 30	9.0	-1.2		6.9			12		
13		67	0			90 —	5.0	-5.0		3.1			13		
14		68	880			89 50 00	9.0	-6.4		1.7			14		
15		69	1760			89 53 30	9.0	-5.6		2.5			15		
16		70	2640			89 52 40	9.0	-3.2		4.9			16		
17		71	3520			89 55 20	9.0	-4.0		4.1			17		

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# HORIZONTAL AND VERTICAL SURVEY NOTES

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GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 3 PAGE 590 OF       
 LINE/LOOP NO. 75XWS TYPE SURVEY      CLIENT HUSKY APR DATE 24 DAY 4 MO 79 YR  
 SURVEYOR T. SHAWL INSTRUMENT DESC/SERIAL NO.      CREW NO. 1182

LINE	△ K SS ◎	STATION	VERTICAL							HORIZONTAL		REMARKS	
			DISTANCE	<input checked="" type="checkbox"/> FEET	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	ELEVATION		L/R OR DI		RIGHT TURNED HORIZONTAL ANGLE
				<input type="checkbox"/> METERS					INST	ROD			
		SLOPE	HORIZ							LINE			
1									8.1			1	
2	◎	SA 72	4400		89 56 10	9.0		-3.9		4.2		2	
3	◎		✓		270 03 30	9.0						3	
4												4	
5	△	72	3169		90 02 00	9.0		+10.9	15.1			5	
6	△		✓		269 57 30	9.0						6	
7		73	2289		90 01 40	9.0		-10.0		5.1		7	
8		74	1409		90 04 00	9.0		-10.6		4.5		8	
9		75	529		90 03 50	9.0		-9.6		5.5		9	
10	TR	79016	0		90 —	9.0		-5.0		10.1	79016 - BACK	10	
11	◎	= 75 + 529	✓		90 —	5.0		-5.0		10.4	79016 - 1182	11	
12										± 0.3	MISTAKE	12	
13												13	
14										10.1	79016	14	
15	△	79016	0		90 —	9.0		+5.0	15.1			15	
16	TR	= 75 + 529	0		90 —	9.0		-5.0		10.1		16	
17		76	350		90 00 20	9.0		-9.0		6.1		17	

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# HORIZONTAL AND VERTICAL SURVEY NOTES

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GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 3 PAGE 591 OF       
 LINE/LOOP NO. 75XWS TYPE SURVEY      CLIENT HUSKY AIR DATE 24 DY 4 MO 79 YR  
 SURVEYOR T. SHEPHERD INSTRUMENT DESC/SERIAL NO.      CREW NO. 1182

LINE	  	STATION	VERTICAL						ELEVATION		LR OR DI	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 										
1										15.1			1	
2		SP 77	1231		89 45 50	90	-3.9		11.2				2	
3		78	2111		89 56 30	90	-6.8		8.3				3	
4		79	2991		90 01 20	90	-10.0		5.1				4	
5		80	3871		90 01 20	90?	-10.4		4.7				5	
6			✓		269 58 20	90							6	
7													7	
8		80	4400		90 00 00	90	+8.8	13.4					8	
9			✓		269 59 40	90							9	
10		81	3520		89 59 50	90	-8.6		4.8				10	
11		82	2648		89 59 00	90	-8.1		5.3				11	
12		83	1760		89 54 00	90	-5.9		7.5				12	
13		84	880		89 47 30	90	-5.8		7.6				13	
14		85	0		90 —	50	-5.0		8.4				14	
15		86	880		89 38 00	90	-3.4		10.0				15	
16		87	1760		89 52 00	90	-4.8		8.6				16	
17		88	2640		89 55 50	90	-5.7		7.7				17	

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GSI AREA BARLOW STATE/COUNTY ALASKA BOOK NO. 3 PAGE 592 OF       
 LINE/LOOP NO. 75XWS TYPE SURVEY      CLIENT Husky NPL DATE 24 DY 4 MO 79 YR  
 SURVEYOR T. SHEPHERD INSTRUMENT DESC/SERIAL NO.      CREW NO. 1182

LINE	△ ↕ SS ◎	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 DI	RIGHT TURNED HORIZONTAL ANGLE
									HORIZ	INST			
1									13.4			1	
2		S.P. 89	3520		89 56 20	9.0	-5.0		8.4			2	
3	○	S.P. 90	4400		89 56 20	9.0	-4.1		9.3			3	
4	○		✓		270 03 20	9.0						4	
5												5	
6	△	90	3520		89 52 30	9.0	+1.2	10.5				6	
7	△		✓		270 07 10	9.0						7	
8		91	7640		89 50 40	9.0	-1.7		8.8			8	
9		92	17600		89 46 10	9.0	-1.9		8.6			9	
10		93	880		89 37 10	9.0	-3.1		10.4			10	
11	△	94	0		90 —	5.0	-5.0		5.5			11	
12	○	94+56	56		90 —	5.3	-5.3		5.2		79015 - BAKL	12	
13	○	= 79015	✓		270 —	5.3			5.4		79015 - 1182	13	
14											MUSTIF	14	
15		TAIL SPREAD	1-6		SEA LEVEL				± 0.2			15	
16												16	
17												17	

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