

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 57 OF
 LINE/LOOP NO. 622 TYPE SURVEY T-2 - TEL. CLIENT Husky Oil DATE 18 DY 1 MO 29 YR
 SURVEYOR T. SHERBILL INSTRUMENT DESC/SERIAL NO. T-2 CREW NO. 1132

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		LIF OR D/I		RIGHT TURNED HORIZONTAL ANGLE	LINE
				SLOPE					HORIZ	INST				
1	Δ	79020	2200 00	(8.69)	89 59 10	9.07		+8.4	17.5	8.7		1	(COMMON WITH	
2	Δ				270 00 40	9.07						2	B-8 - S.P. 192)	
3	⊙	S.P. 1	0		90 —	5.0		-5.0		12.5		3	(132)	
4		T.S. 1	880		89 55 40	9.0		-7.9		9.6		4		
5		T.S. 2	1760		90 00 00	9.0		-8.9		8.6		5		
6		T.S. 3	2640		89 59 30	9.0		-8.5		9.0		6		
7		T.S. 4	3960		89 59 10	9.0		-7.7		9.8		7		
8		T.S. 5	4840		89 58 30	9.0		-6.4		11.1		8		
9		T.S. 6	5280		89 58 40	9.0		-6.4		11.1		9		
10		S.P. 2	880		89 33 10	9.0		-2.1		15.4		10		
11		3	1760		89 44 00	9.0		-0.7		16.8		11		
12	⊙	4	2640		89 49 30	9.07						12		
13	⊙		✓		270 11 50	9.05		-0.3		17.2		13		
14												14		
15	Δ	4	2640		90 18 00	9.07		+22.4	39.9			15		
16	Δ		✓		269 42 40	9.07						16		
17		5	1760		90 21 00	9.0		-19.7		20.2		17		

TI-23471B

WORKED BY _____ CHECKED BY 1ST _____ 2ND _____

SYMBOLS

Δ = BACKSIGHT

⊕ = INSTRUMENT SET-UP

SS = SIDESHOT

⊙ = FORESIGHT

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 58 OF
 LINE/LOOP NO. 622 TYPE SURVEY T.L. TEL. CLIENT Musky DATE 10 DY 1 MO 79 YR
 SURVEYOR T. SHERKILL INSTRUMENT DESC/SERIAL NO. T-2 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 DI	RIGHT TURNED HORIZONTAL ANGLE	LINE
				SLOPE					HORIZ	INST				
1									39.9			1		
2		S.A. 6	880		90 00 20	9.0	-9.1		30.0			2		
3		7	0		90 —	5.0	-5.0		34.9			3		
4		8	880		89 38 30	9.0	-3.5		36.4			4		
5		9	1760		89 54 50	9.0	-6.3		33.6			5		
6		10	2640		89 59 00	9.07	-7.9		32.0			6		
7					270 01 30	9.07						7		
8												8		
9		10	2640		89 41 50	9.07	-5.4	27.1				9		
10					270 18 50	9.07						10		
11		11	1760		89 34 20	9.0	+4.2		31.3			11		
12		12	880		89 17 30	9.0	+1.9		29.0			12		
13		13	0		90 —	5.0	-5.0		22.1			13		
14		14	880		90 04 10	9.0	-10.1		17.0			14		
15		15	1760		90 05 00	9.0	-11.5		15.6			15		
16		16	2640		90 04 30	9.07						16		
17					269 56 10	9.07	-12.1		15.0			17		

WORKED BY _____ CHECKED BY 1ST _____ 2ND _____

SYMBOLS

= BACKSIGHT

= INSTRUMENT SET-UP

= SIDESHOT

= FORESIGHT

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARKLOW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 59 OF
 LINE/LOOP NO. 622 TYPE SURVEY T-2 - 166 CLIENT Husky NPL DATE 18 DY 1 MO 79 YR
 SURVEYOR T. SKERHILL INSTRUMENT DESC/SERIAL NO. T-2 CREW NO. 1182

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									15.0		1	
2	Δ	16	2640		89 52 10	9.0	+2.7	18.0			2	
3	Δ		✓		270 08 10	9.0					3	
4		17	1760		89 46 50	9.0	-2.2		15.8		4	
5		18	880		89 43 00	9.0	-4.6		13.4		5	
6	π	19	0		90 ———	5.0	-5.0		13.0		6	
7		20	880		89 43 00	9.0	-4.6		13.4		7	
8		21	1760		89 52 00	9.0	-4.8		13.2		8	
9	⊙	22	2640		89 52 00	9.0	-2.6		15.4		9	
10	⊙		✓		270 08 10	9.0					10	
11											11	
12	Δ	22	2640		89 59 20	9.0	+8.2	23.9			12	
13	Δ		✓		270 01 10	9.0					13	
14		23	1760		89 57 10	9.0	-7.5		16.4		14	
15		24	880		90 15 40	9.0	-13.0		10.9		15	
16	π	25	0		90 ———	5.0	-5.0		18.9		16	
17		26	880		90 10 00	9.0	-11.5		12.4		17	

WORKED BY _____ CHECKED BY 1ST _____ 2ND _____

SYMBOLS

Δ = BACKSIGHT

π = INSTRUMENT SET-UP

SS = SIDESHOT

⊙ = FORESIGHT

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 60 OF
 LINE/LOOP NO. 622 TYPE SURVEY CLIENT DATE 10 DY 1 MO 77 YR
 SURVEYOR T. SHERWILL INSTRUMENT DESC/SERIAL NO. CREW NO. 1182

LINE	<input type="checkbox"/> Δ <input type="checkbox"/> SS <input type="checkbox"/> ○	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 DIR		RIGHT TURNED HORIZONTAL ANGLE
				SLOPE					HORIZ	INST			
1									23.9			1	
2		S.P. 27	1760		90 10 00	9.0	-14.1		9.8			2	
3	○	28	2600		90 05 40	9.0	-13.1		10.8			3	
4	○		✓		269 54 50	9.0						4	
5												5	
6	Δ	28	1900		89 53 40	9.0	+5.2	16.0				6	
7	Δ		✓		270 07 00	9.0						7	
8		29	1020		89 50 00	9.0	-6.0		10.0			8	
9		30	140		88 33 50	9.0	-5.5		10.5			9	
10	π	(79021) 30 + 140	0		90 —	5.0	-5.0		9.3 RAW			10	
11									11.0		79021 - BARROW	(10.99)	
12									± 0.7		MISTIE		
13									11.0			13	
14	Δ	79021	0		90 —	5.0	+5.0	16.1				14	
15	Δ		✓		90 —	5.0						15	
16	π	30 + 140	0		90 —	5.0	-5.0		11.1			16	
17		31	740		89 44 30	9.0	-5.7		10.4			17	

WORKED BY CHECKED BY 1ST 2ND
SYMBOLS Δ = BACKSIGHT π = INSTRUMENT SET-UP SS = SIDESHOT ○ = FORESIGHT

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 61 OF
 LINE/LOOP NO. 622 TYPE SURVEY CLIENT Husky NR DATE 18 DY 1 MO 79 YR
 SURVEYOR T. SHERRILL INSTRUMENT DESC/SERIAL NO. CREW NO. 1182

LINE	<input type="checkbox"/> Δ <input type="checkbox"/> SS <input type="checkbox"/> ⊙	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			RIGHT TURNED HORIZONTAL ANGLE
				SLOPE					HORIZ	INST		
1									16.1			1
2		32	1620		89 53 20	9.0	-5.8		10.3			2
3		33	2500		89 53 50	9.0	-4.1		12.0			3
4			✓		270 06 50	9.0						4
5												5
6		33	2640		89 56 10	9.0	+11.8		23.9			6
7			✓		270 04 10	9.0						7
8		34	1760		89 51 40	9.0	-10.7		13.2			8
9		35	880		89 40 20	9.0	-3.9		20.0			9
10		36	0		90 ———	5.0	-5.0		18.9			10
11		37	880		89 41 20	9.0	-4.2		19.7			11
12		38	1760		89 50 10	9.0	-3.9		20.0			12
13		39	2690		89 53 40	9.0	-3.7		20.2			13
14			✓		270 07 00	9.0						14
15												15
16		39	2640		89 59 20	9.0	+8.1		28.3			16
17			✓		270 01 20	9.0						17

WORKED BY: _____ CHECKED BY 1ST _____ 2ND _____

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

HORIZONTAL AND VERTICAL SURVEY NOTES

6

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 62 OF
 LINE/LOOP NO. 622 TYPE SURVEY CLIENT HUSKY SPR DATE 18 DAY 1 MO 79 YR
 SURVEYOR T. SHERRILL INSTRUMENT DESC/SERIAL NO. CREW NO. 1182

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	LINE
				SLOPE					HORIZ	INST			
1									28.3			1	
2		S.A. 40	1760		89 57 40	9.0	-7.7		20.6			2	
3		41	880		89 42 60	9.0	-4.4		23.9			3	
4	⊗	42	0		90 —	5.0	-5.0		23.3			4	
5		43	880		89 44 00	9.0	-4.4		23.4			5	
6		44	1760		89 50 00	9.0	-3.8		24.5			6	
7	⊙	45	2640		89 53 20	9.0	-3.5		24.8			7	
8	⊙		✓		270 07 10	9.0						8	
9												9	
10	Δ	45	2640		89 56 00	9.0	+5.5	30.5				10	
11	Δ		✓		270 07 10	9.0						11	
12		46	1760		89 53 20	9.0	-5.5		25.0			12	
13		47	880		89 47 50	9.0	-5.9		24.6			13	
14	⊗	48	0		90 —	5.0	-5.0		25.5			14	
15		49	880		89 46 00	9.0	-5.4		25.1			15	
16		50	1760		89 52 50	9.0	-5.3		25.2			16	
17												17	

TI-23471B

WORKED BY CHECKED BY 1ST 2ND

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

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BALLOU STATE/COUNTY ALASKA BOOK NO. 1 PAGE 63 OF
 LINE/LOOP NO. 622 TYPE SURVEY CLIENT WASKY OFF DATE 13.DY 1 MO 79 YR
 SURVEYOR T. SPERRILL INSTRUMENT DESC/SERIAL NO. CREW NO. 1182

LINE	<input type="checkbox"/> Δ <input type="checkbox"/> SS <input type="checkbox"/> ⊙	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 DIR		RIGHT TURNED HORIZONTAL ANGLE	
				SLOPE					HORIZ	INST				ROD
1									30.3			1		
2	⊙	S.A. 51	26.40		89 50 00	90		-0.9		29.6			2	
3	⊙		✓		270 10 50	90							3	
4													4	
5	Δ	51	26.40		89 59 20	150		+14.2	43.9				5	
6	Δ		✓		270 01 10	150							6	
7		52	17.60		89 52 10	90		-4.9		39.0			7	
8		53	8.80		89 51 10	90		-6.7		37.2			8	
9	⊙	54	0		90 —	5.0		-5.0		38.9			9	
10		55	8.80		89 13 30	90		+2.9		46.8			10	
11		56	17.60		89 26 20	90		+8.3		52.2			11	
12	⊙	57	26.40		89 22 40	90		+12.5		56.4			12	
13	⊙		✓		270 28 10	90							13	
14													14	
15	Δ	57	26.40		89 32 20	90		-12.3	44.1				15	(INST. WORKED)
16	Δ		✓		270 27 30	90							16	
17		58	17.60		89 26 50	90		+8.0		52.1			17	

WORKED BY CHECKED BY 1ST 2ND
 SYMBOLS Δ = BACKSIGHT ⊕ = INSTRUMENT SET-UP SS = SIDESHOT ⊙ = FORESIGHT

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 64 OF
 LINE/LOOP NO. 622 TYPE SURVEY CLIENT Husky NR DATE 18 DY 1 MO 79 YR
 SURVEYOR T. SHEPHERD INSTRUMENT DESC/SERIAL NO. CREW NO. 1182

LINE	<input type="checkbox"/> Δ <input type="checkbox"/> SS <input type="checkbox"/> ⊙	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			
1									44.1			1	
2		S.P. 59	880		89 16 20	9.0	+2.2		46.3			2	
3		60			90 —	5.0	-5.0		39.1			3	
4		61	880		90 06 50	9.0	-10.7		33.4			4	
5		62	1760		90 06 30	9.0	-12.1		32.0			5	
6		62	880 ✓		269 54 00	9.0						6	
7												7	
8		62	880		89 05 10	9.0	-5.1	26.9				8	
9			✓		270 56 00	9.0						9	
10		63	880 0			5.0	-5.0		21.9			10	
11		63+550	550		89 52 40	9.0	-7.8		19.1			11	
12		✓	✓		270 07 40	9.0						12	S.P. 64-73 ON LAKE - SAME ELEVATION AS 63+550'
13												13	
14		73	880		90 47 40	9.0	+21.2	40.5				14	
15			✓		269 12 00	9.0						15	
16		74	0		90 —	5.0	-5.0		35.5			16	
17		75	880		89 47 00	9.0	-5.7		34.8			17	

WORKED BY CHECKED BY 1ST 2ND
SYMBOLS Δ = BACKSIGHT ⊠ = INSTRUMENT SET-UP SS = SIDESHOT ⊙ = FORESIGHT

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 65 OF
 LINE/LOOP NO. 622 TYPE SURVEY CLIENT HUSKY WFR DATE 19 DY 1 MO 79 YR
 SURVEYOR T. SHERBILL INSTRUMENT DESC/SERIAL NO. CREW NO. 1182

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			ROD
1									40.5			1	
2		S.P. 76	1760		89 55 30	90		-6.6		33.9			2
3	⊙	77	2640		89 55 20	90		-5.1		35.4			3
4	⊙		✓		270 05 10	90							4
5													5
6	Δ	77	3520		89 40 20	90		-11.6	24.0				6
7	Δ		✓		270 20 00	90							7
8		78	2640		89 53 40	90		-4.0		20.0			8
9		79	1760		89 53 10	90		-5.4		18.6			9
10		80	880		89 45 30	90		-5.3		18.7			10
11	⊙	81	0		90	5.0		-5.0		19.0			11
12		82	880		89 45 50	90		-5.4		18.6			12
13		83	1760		89 51 20	90		-4.5		19.5			13
14		84	2640		89 45 20	90		+2.4		26.4			14
15	⊙	79164	2784		89 46 30	90		+2.3		26.3	79164 - BARROW	(26.27)	15
16	⊙	(S.P. 84 + 1804)	✓		270 14 20	90				27.3	79164 1182		16
17									110		ANASTAS		17

WORKED BY _____ CHECKED BY 1ST _____ 2ND _____

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

HORIZONTAL AND VERTICAL SURVEY NOTES

10

GSI AREA BARKOLD STATE/COUNTY A. W. S. S. A. BOOK NO. 1 PAGE 66 OF
 LINE/LOOP NO. 682 TYPE SURVEY CLIENT MACKY WPA DATE 12 DY 1 MO 77 YR
 SURVEYOR T. S. HERRICK INSTRUMENT DESC/SERIAL NO. CREW NO. 1132

LINE	 	STATION	VERTICAL						HORIZONTAL		L/R OR D/I	REMARKS		
			DISTANCE	<input checked="" type="checkbox"/> FEET <input type="checkbox"/> METERS	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	ELEVATION				RIGHT TURNED HORIZONTAL ANGLE	LINE
				SLOPE					HORIZ	INST				
1									26.3		79164	1		
2		79162	1646		89 59 30	9.0	+8.6	34.1				2		
3		(51.84+114)	✓		270 01 00	9.0						3		
4		85	880		89 50 30	9.0	-6.6		27.5			4		
5		86	0		90 —	5.0	-5.0		29.1			5		
6		87	880		89 54 10	9.0	-7.5		26.6			6		
7		88	1760		90 03 50	9.0	-10.9		23.2			7		
8		89	2640		89 54 00	9.07	-3.8		30.3			8		
9			✓		270 07 10	9.0						9		
10												10		
11		89	2640		89 55 50	9.07	+5.3	34.8				11		
12			✓		270 05 00	9.0						12		
13		90	1760		89 55 10	9.0	-6.5		28.3			13		
14		91	880		89 46 20	9.0	-5.5		29.3			14		
15		92	0		90 —	5.0	-5.0		29.8			15		
16		93	880		89 51 50	9.0	-6.9		27.9			16		
17		94	1760		89 55 30	9.0	-6.6		28.2			17		

TI-23471B

WORKED BY CHECKED BY 1ST 2ND

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

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 67 OF
 LINE/LOOP NO. 622 TYPE SURVEY CLIENT MUSKY N.M. DATE 19 DY 1 MO 79 YR
 SURVEYOR T. SHERRILL INSTRUMENT DESC/SERIAL NO. CREW NO. 1182

LINE	△ SS ⊙	STATION	VERTICAL						HORIZONTAL		REMARKS		
			DISTANCE	<input type="checkbox"/> FEET	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	ELEVATION			RIGHT TURNED HORIZONTAL ANGLE	
				<input type="checkbox"/> METERS					SLOPE	HORIZ			INST
1									34.8			1	
2	10 SA	95	2690		90 02 50	90		-10.6		24.2		2	ON LAKE
3	0		✓		269 58 10	90						3	
4												4	
5		S.P. 95-98			ON LAKE							5	
6												6	
7	Δ	98	2760		89 52 00	90		+4.5		28.1		7	
8	Δ		✓		270 09 10	90						8	
9		99	880		89 47 20	90		-5.7		22.4		9	
10	π	100	0		90 —	5.0		-5.0		23.1		10	
11		101	880		89 48 30	90		-6.0		22.1		11	
12		102	1760		89 50 10	90		-3.9		24.2		12	
13	⊙	79165	1966		89 50 10	90		-3.1		25.0	79165 BAR	13	(24.99)
14	⊙	102 + 206	✓		270 10 30	90				27.2	79165-1182	14	
15										<u>± 2.2</u>	MISTAKE	15	
16												16	
17												17	

WORKED BY CHECKED BY 1ST 2ND

SYMBOLS

△ = BACKSIGHT

π = INSTRUMENT SET-UP

SS = SIDESHOT

⊙ = FORESIGHT

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 68 OF
 LINE/LOOP NO. 622 TYPE SURVEY CLIENT Huskey APR DATE 20 BY 1 MO 79 YR
 SURVEYOR T. SHERMAN 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 DR		RIGHT TURNED HORIZONTAL ANGLE						
				SLOPE 					HORIZ 	INST				ROD					
1																			
2	△	79165	2434		89 48 20	90		+0.7	26.3										
3	△	9102 + 206	✓		89 11 30	90													
4		103	1760		89 53 20	90		-5.5		20.8									
5		104	880		89 45 40	90		-5.3		21.0									
6	π	105	0		90	5.0		-5.0		21.3									
7		106	880		89 46 30	90		-5.5		20.8									
8		107	1760		89 54 00	90		-5.9		20.4									
9	◎	108	22640		89 54 40	90		-4.8		21.5									
10	◎		✓		89 05 10	90													
11																			
12	△	108	7640		89 50 00	90		+1.0	23.1										
13	△		✓		89 10 20	90													
14		109	1760		89 53 10	90		-5.4		17.7									
15		110	880		89 46 50	90		-5.6		17.5									
16	π	111	0		90	5.0		-5.10		18.1									
17		112	880		89 45 10	90		-5.2		17.9									

WORKED BY CHECKED BY 1ST 2ND

SYMBOLS △ = BACKSIGHT ↑ = INSTRUMENT SET-UP SS = SIDESHOT ◎ = FORESIGHT

HORIZONTAL AND VERTICAL SURVEY NOTES

13

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 49 OF
 LINE/LOOP NO. 622 TYPE SURVEY CLIENT Husky NFR DATE 20 BY 1 MO 79 YR
 SURVEYOR T. SHERKILL INSTRUMENT DESC/SERIAL NO. CREW NO. 1182

LINE	△ SS ⊙	STATION	VERTICAL						HORIZONTAL		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	ELEVATION					
				SLOPE 					HORIZ 	INST				
1									23.1			1		
2		S.A. 113	1760		89 52 10	9.0	-4.9		18.2			2		
3	⊙	114	2640		89 53 40	9.07	-3.7		19.4			3		
4	⊙		✓		270 07 00	9.07						4		
5					0							5		
6	△	114	2640	(89 53 30)	89 53 30	9.07	+3.6	23.7				6		
7	△		✓		270 07 10	9.07						7		
8		115	1760		89 51 40	9.0	-4.7		19.0			8		
9		116	880		89 43 50	9.0	-4.8		18.9			9		
10	⊙	117	0		90 —	5.0	-5.0		18.7			10		
11		118	880		89 40 20	9.0	-3.9		19.8			11		
12		119	1760		89 49 40	9.0	-3.6		22.1			12		
13	⊙	120	2640		89 54 00	9.07	-3.9		19.8			13		
14	⊙		✓		270 07 00	9.07						14		
15												15		
16	△	120	1760		90 08 40	9.07	+13.1	33.5				16		
17	△		✓		269 52 20	9.07						17		

TI-23471B

WORKED BY CHECKED BY 1ST 2ND
 SYMBOLS △ = BACKSIGHT ⊙ = INSTRUMENT SET-UP SS = SIDESHOT ⊙ = FORESIGHT

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARLOW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 70 OF
 LINE/LOOP NO. 622 TYPE SURVEY CLIENT HUSKY NAR DATE 20 DY 1 MO 79 YR
 SURVEYOR T. SHERRILL INSTRUMENT DESC/SERIAL NO. CREW NO. 1182

LINE	<input type="checkbox"/> Δ <input type="checkbox"/> SS <input type="checkbox"/> ⊙	STATION	VERTICAL						HORIZONTAL		LIR OR DII	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									33.5			1	
2		S.P. 121	880		90 16 10	9.0	-13.1		20.4			2	
3	⊕	122	0		90 —	5.0	-5.0		28.5			3	
4		123	880		90 18 20	9.0	-13.7		19.8			4	
5		124	1760		90 15 40	9.0	-17.0		16.5			5	
6	⊙	125	760		90 11 40	9.0	-17.4		16.1			6	
7	⊙		✓		269 49 30	9.0						7	
8												8	
9	Δ	125	880		89 35 40	9.0	+2.1	18.4				9	
10		✓	✓		270 27 10	9.0						10	
11	⊙	7916.6	379		88 58 30	9.0	-2.2		16.2		79166 - BAR	11	
12	⊙	= S.P. 125 + 501	✓		271 02 20	9.0			13.6		79166 - 1182	12	
13									± 2.6		MISTIE	13	
14											REFER L 14	14	
15											A 67	15	
16												16	
17												17	

WORKED BY CHECKED BY 1ST 2ND
 SYMBOLS Δ = BACKSIGHT ⊕ = INSTRUMENT SET-UP ⊙ = SIDESHOT ⊙ = FORESIGHT

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA Barlow STATE/COUNTY ALASKA BOOK NO. 1 PAGE 71 OF
 LINE/LOOP NO. 622 TYPE SURVEY CLIENT Husky NAR DATE 20 DY 1 MO 29 YR
 SURVEYOR T. SKERRELL INSTRUMENT DESC/SERIAL NO. CREW NO. 1182

LINE	△ SS ⊙	STATION	VERTICAL						HORIZONTAL		L/R OR D/I	RIGHT TURNED HORIZONTAL ANGLE	LINE	REMARKS
			DISTANCE	<input type="checkbox"/> FEET	VERTICAL ANGLE/OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	ELEVATION					
				<input type="checkbox"/> METERS					HORIZ	INST				
1									16.2		79/166	1		
2	△	79/166	379		88 58 30	9.0	+2.2	18.1				2		
3	△	75 P. 125+50.1			271 02 20	9.0						3		
4	π	126	0		90	5.0	-5.0		13.4			4		
5		127	880		90 19 30	9.0	-14.0		14.1			5		
6	⊙	128	1760		89 57 40	9.0	-7.5		10.6			6		
7	⊙				270 03 10	9.0						7		
8												8		
9	△	128	3520	(90 00 10)	90 00 00	9.0	+8.3	18.7				9	90 00 10	
10	△			(270 00 10)	270 58 20	20.5						10	270 01 10	
11		129	2640		90 03 00	9.0	-11.2		7.5			11		
12		130	1760		90 14 10	9.0	-16.2		2.5			12		
13		131	880		90 22 40	9.0	-14.8		3.9			13		
14	π	132	0		90	5.0	-5.0		13.7			14		
15		133	880		89 56 10	9.0	-8.0		10.7			15		
16		134	1760		89 55 00	9.0	-6.4		12.3			16		
17												17		

WORKED BY CHECKED BY 1ST 2ND
SYMBOLS △ = BACKSIGHT π = INSTRUMENT SET-UP SS = SIDESHOT ⊙ = FORESIGHT

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA Barrow STATE/COUNTY ALASKA BOOK NO. 1 PAGE 72 OF
 LINE/LOOP NO. 622 TYPE SURVEY CLIENT Husky NRC DATE 20 DY 1 MO 79 YR
 SURVEYOR T. SKEDDILL INSTRUMENT DESC/SERIAL NO. CREW NO. 1182

LINE	<input type="checkbox"/> Δ <input type="checkbox"/> SS <input type="checkbox"/> ⊙	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			RIGHT TURNED HORIZONTAL ANGLE
				SLOPE					HORIZ	INST		
1									18.7			1
2	⊙	S.P. 135	26.40		89 55 40	9.07		-5.0		13.7		2
3	⊙		✓		270 05 40	9.0						3
4												4
5	Δ	135	35.20		90 00 40	9.07		+8.7	22.0			5
6	Δ	✓	✓		270 00 40	9.0						6
7		136	26.40		90 01 50	9.0		-10.3		11.7		7
8		137	17.60		90 02 30	9.0		-10.2		11.8		8
9		138	8.80		90 02 50	9.0		-9.7		12.3		9
10	π	139	0		90 —	5.0		-5.0		17.0		10
11		140	8.80		89 46 10	9.0		-5.4		16.6		11
12		141	17.40		89 53 00	9.0		-5.4		16.6		12
13		142	26.40		89 47 00	9.0		+1.1		23.1		13
14	⊙	143	35.20		89 53 40	9.07		-1.5		20.5		14
15	⊙		✓		270 07 50	9.0						15
16												16
17												17

TI-23471B

WORKED BY CHECKED BY 1ST 2ND

SYMBOLS Δ = BACKSIGHT π = INSTRUMENT SET-UP ⊙ = SIDESHOT ⊙ = FORESIGHT

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BALLOD STATE/COUNTY ALASKA BOOK NO. 1 PAGE 73 OF
 LINE/LOOP NO. 622 TYPE SURVEY CLIENT HARVEY NAR DATE 20 DY 1 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 D/I	RIGHT TURNED HORIZONTAL ANGLE
				SLOPE	HORIZ					INST	ROD			
1													1	
2	△	143	2.789		89 59 00	907		+7.5	28.0				2	
3	△		✓		27 02 20	907							3	
4		144	190.9		89 59 50	90		-8.8	19.2				4	
5		145	102.9		89 47 50	90		-5.3	22.7				5	
6		146	149		88 19 30	90		-4.6	23.4				6	
7	π	79167 = 140 + 29	0		90 —	5.0		-5.0	23.0		79167 - BALLOD		7	
8	◎	79167	0		90 —	5.0		-5.0	23.9		79167 - 1182		8	
9									+0.9		MISDTE		9	
10													10	
11									23.0		79167		11	
12	△	79167	0		90 —	5.0		+5.0	28.1				12	
13	π	79167	0		90 —	5.0		-5.0					13	
14		147	731		90 13 50	90		-11.9	16.2				14	
15		148	161.8		90 35 00	90		-25.3	2.8				15	
16	◎	149	249.1		90 24 10	907		-26.8	2.3				16	
17	◎		✓		269 37 30	907							17	

WORKED BY CHECKED BY 1ST 2ND
 SYMBOLS △ = BACKSIGHT π = INSTRUMENT SET-UP SS = SIDESHOT ◎ = FORESIGHT

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA Barrow STATE/COUNTY ALASKA BOOK NO. 1 PAGE 74 OF
 LINE/LOOP NO. 622 TYPE SURVEY CLIENT Husky NPL DATE 20 DY 1 MO 79 YR
 SURVEYOR T. SHERRILL INSTRUMENT DESC/SERIAL NO. CREW NO. 1182

LINE	<input type="checkbox"/> Δ <input type="checkbox"/> SS <input type="checkbox"/> ⊙	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										
1			(S.P. 49 - 53 ON LAKE = 2.3')											
2	Δ	S.P. 49	26.40		90 08 10	9.0		+1.7	17.2				2	
3	Δ				269 52 50	9.0							3	
4		154	17.60		90 00 10	9.0		-9.0	8.2				4	
5		155	8.80		89 44 10	9.0		-4.9	12.3				5	
6	⊥	156	0		90 —	5.0		-5.0	12.2				6	
7		157	8.80		89 47 20	9.0		-5.7	11.5				7	
8		158	17.60		90 00 00	15.0		-1.9	2.3				8	
9	⊙	159	26.40		89 55 40	9.0		-5.0	12.2				9	
10	⊙				270 05 50	9.0							10	
11													11	
12	Δ	159	26.40		89 48 20	9.0		-0.6	11.7				12	
13	Δ				270 13 00	9.0							13	
14		160	17.60		89 52 40	9.0		-5.2	6.5				14	
15		161	8.80		89 49 10	9.0		-6.2	5.5				15	
16	⊥	162	0		90 —	5.0		-5.0	6.7				16	
17		163	8.80		89 49 20	9.0		-6.3	5.4				17	

WORKED BY CHECKED BY 1ST 2ND

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

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 75 OF
 LINE/LOOP NO. 622 TYPE SURVEY CLIENT HUSKY SPR DATE 20 DY 1 MO 79 YR
 SURVEYOR T. SHERILL 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/I	RIGHT TURNED HORIZONTAL ANGLE	
				SLOPE									
1									11.7			1	
2		SP 164	1760	89 44 20	89 44 20	9.0	-0.9		10.8			2	
3	0	165	2640		89 48 20	9.07						3	
4	0		✓		270 13 10	9.05	+0.7		12.4			4	
5												5	
6	Δ	165	2640		89 56 00	9.07	+5.2	17.6				6	
7	Δ		✓		270 05 30	9.07						7	
8		166	1760		89 56 10	9.0	-7.0		10.6			8	
9		167	880		89 50 20	9.0	-6.5		11.1			9	
10	π	168	0		90 ———	5.0	-5.0		12.6			10	
11		169	880		89 36 50	9.0	-3.1		14.5			11	
12		170	1760		89 46 30	9.0	-2.0		15.4			12	
13		171	2640			9.0						13	
14	0	79168	2138		89 46 30	9.07	+0.1		17.7		79168-BALL	14	
15	0	=SP 170 + 378	✓		270 15 20	9.07			17.3		79168-1182	15	
16									+0.4		MISTIE	16	
17												17	

WORKED BY _____ CHECKED BY 1ST _____ 2ND _____
 SYMBOLS Δ = BACKSIGHT = INSTRUMENT SET-UP SS = SIDESHOT = FORESIGHT

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 76 OF
 LINE/LOOP NO. 622 TYPE SURVEY CLIENT HUSKY NTR DATE 20 DY 1 MO 79 YR
 SURVEYOR T. SHERKILL INSTRUMENT DESC/SERIAL NO. CREW NO. 1182

LINE	<input type="checkbox"/> <input type="checkbox"/> SS <input type="checkbox"/>	STATION	VERTICAL						HORIZONTAL		LINE	REMARKS	
			DISTANCE	<input checked="" type="checkbox"/> FEET <input type="checkbox"/> METERS	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	ELEVATION		L/R OR D/I			RIGHT TURNED HORIZONTAL ANGLE
				SLOPE				HORIZ	INST				
1									17.7		79 160	1	
2	<input checked="" type="checkbox"/>	79685	2262		89 57 10	9.0	+6.5	24.2				2	
3	<input checked="" type="checkbox"/>	ESP. 1701378	✓		270 04 20	9.0						3	
4		171	1760		89 57 10	9.0	-7.5		16.7			4	
5		172	880		90 11 00	9.0	-11.8		12.4			5	
6	<input checked="" type="checkbox"/>	173	0		90 —	5.0	-5.0		19.2			6	
7		174	880		90 22 50	9.0	-14.8		9.4			7	
8		175	1760		90 12 20	9.0	-15.3		8.9			8	
9	<input checked="" type="checkbox"/>	176	2640		90 08 30	9.0	-14.8		9.4			9	
10	<input checked="" type="checkbox"/>		✓		269 53 00	9.0						10	
11												11	
12	<input checked="" type="checkbox"/>	176	3520		90 00 10	9.07	+9.0	18.3				12	
13	<input checked="" type="checkbox"/>		✓		209 59 40	9.05						13	
14		177	2640		89 56 40	9.0	-6.3		12.0			14	
15		178	1760		89 55 30	9.0	-6.6		11.7			15	
16		179	880		89 51 10	9.0	-6.7		11.6			16	
17	<input checked="" type="checkbox"/>	180	0		90 —	5.0	-5.0		13.3			17	

WORKED BY CHECKED BY 1ST 2ND
SYMBOLS = BACKSIGHT = INSTRUMENT SET-UP SS = SIDESHOT = FORESIGHT

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 77 OF
 LINE/LOOP NO. 622 TYPE SURVEY CLIENT WASKY H/R DATE 24 DY 1 MO 79 YR
 SURVEYOR T. SHERRILL INSTRUMENT DESC/SERIAL NO. CREW NO. 1182

LINE	△ SS ⊙	STATION	VERTICAL						HORIZONTAL		LIR OR DJI	RIGHT TURNED HORIZONTAL ANGLE	LINE	REMARKS	
			DISTANCE	FEET METERS		VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	ELEVATION					
				SLOPE	HORIZ					INST					ROD
1												1			
2		St. 181	880		89 47 20	9.0	-5.7		12.6			2			
3		182	1760		89 53 00	9.0	-5.4		12.9			3			
4		183	2640		89 55 50	9.0	-5.7		12.6			4			
5	⊙	184	3520		89 50 50	9.07	+0.8		19.1			5			
6	⊙		✓		270 09 30	9.01						6			
7												7			
8	△	184	3520		90 04 40	9.07	+13.5	32.6				8			
9	△		✓		269 55 20	9.01						9			
10		185	2640		90 08 50	9.0	-15.6		17.0			10			
11		186	1760		90 40 50	9.0	-29.8		2.8			11			
12		187	880		90 55 50	9.0	-23.3		9.3			12			
13	π	188	0		90 —	5.0	-5.0		27.6			13			
14		189	880		90 29 10	9.0	-16.5		16.1			14			
15	⊙	190	1760		89 46 50	9.01	-2.0		30.6			15			
16	⊙		✓		270 13 50	9.01						16			
17												17			

WORKED BY CHECKED BY 1ST 2ND
SYMBOLS △ = BACKSIGHT π = INSTRUMENT SET-UP SS = SIDESHOT ⊙ = FORESIGHT

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 78 OF
 LINE/LOOP NO. 622 TYPE SURVEY CLIENT Husky APR DATE 24 DY 1 MO 79 YR
 SURVEYOR T. SWERDLOW INSTRUMENT DESC/SERIAL NO. CREW NO. 1182

LINE	<input type="checkbox"/> Δ <input type="checkbox"/> SS <input type="checkbox"/> \odot	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			RIGHT TURNED HORIZONTAL ANGLE
				SLOPE					HORIZ	INST		
1											1	
2	Δ	501.190	3520		89 48 00	9.07	-3.7	26.9			2	
3	Δ				270 12 20	9.0					3	
4		191	2640		90 02 20	9.0	-10.6	16.3			4	
5		192	1760		90 28 30	9.0	-23.5	3.4			5	
6		193	880		90 34 00	15.0	-23.7	3.2			6	
7	π	194	0		90 —	5.0	-5.0	21.9			7	
8	\odot	79169	430		89 16 00	9.07	-3.5	23.4		79169 - BANK	8	
9	\odot	~S.P. 194 + 430			170 44 30	9.07		23.6		79169 - 1182	9	
10											10	
11								± 0.2		MIST 12	11	
12											12	
13								23.4			13	
14	Δ	79169	3090		89 57 00	9.07	+5.9	29.1		79169	14	
15	Δ	~194 + 430			270 03 30	9.0					15	
16		195	2640		89 56 00	9.0	-5.8	23.3			16	
17		196	1760		89 54 20	20	-6.0	23.1			17	

WORKED BY CHECKED BY 1ST 2ND
SYMBOLS Δ = BACKSIGHT π = INSTRUMENT SET-UP SS = SIDESHOT \odot = FORESIGHT

HORIZONTAL AND VERTICAL SURVEY NOTES

23

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 79 OF
 LINE/LOOP NO. 622 TYPE SURVEY CLIENT Husky NPL DATE 24 DY 1 MO 29 YR
 SURVEYOR T. SHEPHERD INSTRUMENT DESC/SERIAL NO. CREW NO. 1182

LINE	<input type="checkbox"/> Δ <input type="checkbox"/> SS <input type="checkbox"/> ⊙	STATION	VERTICAL						ELEVATION		LIR 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										
1									29.1			1		
2		S.P. 197	880		89 48 40	90		-6.1		23.0		2		
3		198	0		90 —	5.0		-5.0		24.1		3		
4		199	880		90 03 10	9.0		-9.8		19.3		4		
5		200	1760		90 00 50	9.0		-9.4		19.7		5		
6		201	2640		90 01 00	9.0		-9.6		19.5		6		
7		202	3520		89 53 50	9.0		-2.3		26.8		7		
8			✓		270 06 30	9.0						8		
9												9		
10		202	3520		89 55 30	9.0		+4.0	30.4			10		
11			✓		270 04 50	9.0						11		
12		203	2640		89 55 00	9.0		-5.0		25.4		12		
13		204	1760		89 54 20	9.0		-6.0		24.4		13		
14		205	880		89 55 10	9.0		-7.7		22.7		14		
15		206	0		90 —	5.0		-5.0		25.4		15		
16		207	880		89 47 40	9.0		-5.8		24.6		16		
17		208	1760		90 05 10	9.0		-11.6		18.8		17		

TI-23471B

WORKED BY CHECKED BY 1ST 2ND

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

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 80 OF
 LINE/LOOP NO. 622 TYPE SURVEY CLIENT HUSKY HAR DATE 24 DY 1 MO 79 YR
 SURVEYOR T. SHEPHERD INSTRUMENT DESC/SERIAL NO. CREW NO. 1182

LINE	<input type="checkbox"/> Δ <input type="checkbox"/> SS <input type="checkbox"/> ⊙	STATION	VERTICAL						ELEVATION		L/R 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										
1										30.4			1	
2		S.P. 209	2640		90 02 30	90		-10.8			19.6			2
3	⊙	210	3520		90 02 30	90		-11.0			19.4			3
4	⊙		✓		269 58 00	90								4
5														5
6	Δ	210	2640	89 57 10	89 57 10	90		+6.6	25.7					6
7	Δ		✓	270 03 10	270 03 10	90								7
8		211	1760		89 52 40	90		-5.2			20.5			8
9		212	880		89 46 10	90		-5.4			20.3			9
10	⊙	213	0	90	90	50		-5.0			20.7			10
11		214	880		89 46 10	90		-5.4			20.3			11
12		215	1760		89 53 40	90		-5.7			20.0			12
13		216	2640		89 51 40	90		-2.5			23.2			13
14	⊙	217	3520		89 53 40	90		-2.0			23.7			14
15	⊙		✓		270 06 50	90								15
16														16
17														17

WORKED BY CHECKED BY 1ST 2ND
 SYMBOLS Δ = BACKSIGHT ⊕ = INSTRUMENT SET-UP SS = SIDESHOT ⊙ = FORESIGHT

HORIZONTAL AND VERTICAL SURVEY NOTES

25

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 81 OF
 LINE/LOOP NO. 622 TYPE SURVEY CLIENT HUSKEY NPZ DATE 24 DY 1 MO 79 YR
 SURVEYOR T. SHERMAN INSTRUMENT DESC/SERIAL NO. CREW NO. 1182

LINE	<input type="checkbox"/> Δ <input type="checkbox"/> SS <input type="checkbox"/> ⊙	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			LIR OR DII	RIGHT TURNED HORIZONTAL ANGLE
				SLOPE					HORIZ	INST			
1									23.7			1	
2	Δ	217	2640		89 52 30	90.7	+2.9	26.5				2	
3	Δ		✓		270 08 00	90.5						3	
4		218	1760		89 51 40	9.0	-4.7		21.8			4	
5		219	880		89 44 50	9.0	-5.1		21.4			5	
6	⊗	220	0		90 —	5.0	-5.0		21.5			6	
7		79170	1210		89 33 00	90.7	+0.7		27.2		79170 -BANK	7	
8			✓		270 27 40	9.0			28.0		79170 -1182	8	
9											MISTLE	9	
10									±0.8		MISTLE	10	
11												11	
12		T.S. 1	880		270 11 30	9.0	-6.1		20.4			12	
13		2	1760		270 06 50	9.0	-5.6		20.9			13	
14		3	2640		270 06 10	9.0	-4.4		22.1			14	
15		4	3520		270 05 00	9.0	-4.1		22.4			15	
16		5	4400		270 04 00	9.0	-4.3		22.2			16	
17		6	5280		270 03 00	9.0	-5.0		21.5			17	

TI-234716

WORKED BY CHECKED BY 1ST 2ND

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