

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 116 OF
 LINE/LOOP NO. 616 TYPE SURVEY CLIENT HUSKEY MAR DATE 29 DY 4 MO 29 YR
 SURVEYOR T. SHERKILL 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		LINE	
				SLOPE					HORIZ	INST				ROD
1												1		
2	Δ	79038	2265.5		89 34 20	9.07	-0.2	35.8		43.64		79038	2	= Δ SWARU
3	Δ		✓		270 26 10	9.05							3	
4		T.S. 1	880		90 36 10	9.07	-13.2			22.6			4	
5	π	S.P. 1	0		90 —	5.0	-5.0			30.8			5	
6		2	880		89 33 40	9.0	-2.2			33.6			6	
7	⊙	3	1760		89 45 30	9.07	-1.4			34.4			7	
8	⊙		✓		270 15 00	9.05							8	
9													9	
10	Δ	3	2640		89 53 30	9.07	+3.6	38.5					10	
11	Δ		✓		270 07 10	9.07							11	
12		4	1760		90 18 00	9.0	-18.2			20.3			12	
13		5	880		90 39 10	9.0	-19.0			17.5			13	
14	π	6	0		90 —	5.0	-5.0			33.5			14	
15		7	880		89 45 40	9.0	-5.3			33.2			15	
16		8	1760		90 08 40	9.0	-13.4			25.1			16	
17													17	

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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 117 OF
 LINE/LOOP NO. 616 TYPE SURVEY CLIENT Husky APR DATE 29 DY 1 MO 29 YR
 SURVEYOR T. SHERNILL 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			
1												1	
2		S.P. 9	2640	90	90 00 10	907	-8.8		29.7				2
3			✓		270 00 20	907							3
4													4
5		9	2640		90 03 10	907	+11.0	41.3					5
6			✓		269 57 30	907							6
7		10	1760		90 22 20	890	-26.4		14.9				7
8		11	880		89 54 50	907	-7.7		33.6				8
9		12	0		90 —	5.0	-5.0		36.3				9
10		13	880		89 44 20	907	-5.0		36.3				10
11		14	1760		89 53 30	907	-5.6		35.7				11
12		15	2640		89 52 10	907	-2.6		38.7				12
13			✓		270 08 30	907							13
14													14
15		15	2640		89 50 10	907	+1.0	40.1					15
16			✓		270 10 40	907							16
17		16	1760		89 46 00	907	-1.8		38.3				17

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HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA Ballow STATE/COUNTY ALASKA BOOK NO. 1 PAGE 118 OF
 LINE/LOOP NO. 616 TYPE SURVEY CLIENT Husky NPK DATE 29 DY 1 MO 29 YR
 SURVEYOR J. SHARVILLE 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.								40.1			1	
2		Sta. 17	880		89 35 20	90	-2.7		37.4		2	
3		18	0		90 —	50	-5.0		35.1		3	
4		19	880		89 42 20	90	-4.5		35.6		4	
5		20	1760		89 53 00	90	-5.4		34.7		5	
6		21	2640		89 54 20	90	-4.2		35.9		6	
7			/		270 06 20	90					7	
8											8	
9		21	2640		89 50 30	90	+1.2	37.6			9	
10			✓		270 10 20	90					10	
11		22	1760		89 51 50	90	-4.8		32.8		11	
12		23	880		89 44 20	90	-5.0		32.6		12	
13		24	0		90 —	50	-5.0		32.6		13	
14		25	880		89 47 40	90	-5.8		31.8		14	
15		26	1760		89 55 00	90	-6.4		31.2		15	
16		27	2640		89 54 10	90	-4.0		33.6		16	
17			✓		270 06 50	90					17	

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HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA _____ STATE/COUNTY _____ BOOK NO. 1 PAGE 119 OF _____
 LINE/LOOP NO. _____ TYPE SURVEY _____ CLIENT _____ DATE 29 DY 1 MO 79 YR
 SURVEYOR _____ 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 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												1	
2	Δ	SP 27	2640		89 53 20	90.7	+3.5	37.4				2	
3	Δ		✓		270 07 10	90.5						3	
4		28	1760		89 53 20	90	-5.5	31.9				4	
5		29	880		89 48 10	90	-5.9	31.5				5	
6	Δ	30	0		90 —	5.0	-5.0	32.4				6	
7	\odot	79039	1196		89 51 00	90.7	-5.7	31.7		79039-BALL		7	REFEL 31.69
8	\odot		✓		270 10 00	90.5	-	29.1		79039-1182		8	L-9 P-130
9												9	
10								+2.6		MISTIE		10	
11												11	
12												12	
13										79039		13	
14	Δ	79039	1196		89 51 00	90.7	+5.7	37.2				14	
15	Δ		✓		270 10 00	90.1						15	
16	Δ	30	0		90 —	5.0	-5.0	32.2				16	
17		31	880		89 46 10	90	-5.4	31.8				17	

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HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BALLOU STATE/COUNTY ALASKA BOOK NO. 1 PAGE 120 OF
 LINE/LOOP NO. 616 TYPE SURVEY CLIENT HUSKY INC DATE 29 BY 1 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 D/I	RIGHT TURNED HORIZONTAL ANGLE	LINE
				SLOPE					HORIZ	INST				
1									37.2			1		
2		S.P. 32	1760		89 54 00	90	-5.9		31.3			2		
3		33	2640		89 54 40	90	-4.2		33.0			3		
4			✓		270 06 50	90						4		
5												5		
6		33	2640		89 53 20	90	+3.3		36.2			6		
7			✓		270 07 50	90						7		
8		34	1760		89 51 50	90	-4.8		31.4			8		
9		35	880		89 46 30	90	-5.5		20.7			9		
10		36	6		90 —	5.0	-5.0		31.2			10		
11		37	880		89 40 40	20	-4.0		32.2			11		
12		38	1760		89 40 40	90	+1.0		37.2			12		
13		39	2640		89 28 40	90	+15.5		51.7			13		
14			✓		270 32 10	20						14		
15												15		
16		39	2640		89 37 10	90	-8.9		42.6			16		
17			✓		170 23 20	90						17		

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HORIZONTAL AND VERTICAL SURVEY NOTES

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GSI AREA BARLOW STATE/COUNTY ALASKA BOOK NO. 127 PAGE 121 OF
 LINE/LOOP NO. 166 TYPE SURVEY CLIENT Husky NLR DATE 30 DY 1 MO 79 YR
 SURVEYOR T. SHERRILL 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			RIGHT TURNED HORIZONTAL ANGLE	LINE
				SLOPE					HORIZ	INST			
1									42.6			1	
2		SP. 40	1760		89 36 50	9.0	+2.9		45.5			2	
3		41	880		89 46 50	9.0	-5.6		37.0			3	
4		42	0		90 —	5.0	-5.0		37.6			4	
5		43	880		89 47 00	9.0	-5.7		36.9			5	
6		44	1760		89 58 50	9.0	-8.3		34.3			6	
7		45	26.60		89 58 40	9.0	-7.7		34.9			7	
8					270 01 40	9.0						8	
9												9	
10		45	26.60		89 50 10	9.0	+1.0		35.8			10	
11					270 10 30	9.0						11	
12		46	1760		89 44 50	9.0	-1.2		34.6			12	
13		47	880		89 44 10	9.0	-4.9		30.9			13	
14		48	0		90 —	5.0	-5.0		30.8			14	
15		49	880		89 47 00	9.0	-5.7		30.1			15	
16		50	1760		89 56 50	9.0	-7.3		28.5			16	
17												17	

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HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 122 OF
 LINE/LOOP NO. 616 TYPE SURVEY CLIENT HUSKY DATE 30 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 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									35.8			1	
2	⊙	SP 51	2640		89 52 50 90.7		-3.1		32.7			2	
3	⊙		✓		270 07 50 90.7							3	
4												4	
5	Δ	51	2022		89 52 10 90.7		+4.1	36.6				5	
6	Δ		✓		270 08 40 90.7							6	
7		52	1142		89 47 40 90		-4.9	31.7				7	
8		53	262		89 06 50 90		-4.9	31.7				8	
9	⊙	53 + 262	0		90 — 5.0		-5.0	31.6				9	
10		54	618		89 33 50 90		-4.3	32.3				10	
11		55	1898 (1498)		89 39 00 90		+0.2	36.8				11	
12	⊙	56	2978 (2378)		89 34 50 90.7		+8.8	45.4				12	
13	⊙		✓		270 26 00 90.7							13	
14												14	
15	Δ	56	770		89 52 10 90.7		+7.1	52.5				15	
16	Δ		✓		270 08 40 90.7							16	
17	⊙	58 + 770	0		90 — 5.0		-5.0	47.5				17	














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

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HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA B. Alton STATE/COUNTY ALASKA BOOK NO. 1 PAGE 123 OF
 LINE/LOOP NO. 614 TYPE SURVEY CLIENT Husky M/C DATE 30 DY 1 MO 79 YR
 SURVEYOR T. SHERRILL 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 DI	RIGHT TURNED HORIZONTAL ANGLE
				SLOPE	HORIZ					INST	ROD			
1									52.5			1		
2		S.P. 57	110		91 59 20	9.0		-7.8		46.3			2	
3		58	880		90 24 00	9.07		-15.0		37.5			3	
4			✓		269 37 00	9.0							4	
5													5	
6		58	2640		89 50 20	9.07		+1.2	38.5				6	
7			✓		270 10 20	9.0							7	
8		59	1760		89 47 50	9.0		-2.1		35.8			8	
9		60	880		89 46 50	9.0		-5.6		32.9			9	
10		61	0		90 —	5.0		-5.0		33.5			10	
11		62	880		89 46 20	9.0		-5.5		33.0			11	
12		63	1760		89 49 10	9.0		-3.4		35.1			12	
13		64	2640		89 52 00	9.07		-2.3		36.2			13	
14			✓		270 09 00	9.0							14	
15													15	
16		64	2640		89 55 00	9.07		+4.6	40.5				16	
17			✓		270 06 10	9.0							17	

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



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HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 124 OF
 LINE/LOOP NO. 616 TYPE SURVEY CLIENT Husky NPR DATE 30 DY 1 MO 29 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		LR OR DI		RIGHT TURNED HORIZONTAL ANGLE	LINE
				SLOPE					HORIZ	INST				
1												1		
2		SP. 65	1760		89 54 30	9.0	-6.1		39.4			2		
3		66	880		89 44 40	9.0	-5.1		35.4			3		
4		67	0		90 —	5.0	-5.0		35.5			4		
5		68	880		89 49 40	9.0	-6.3		34.2			5		
6		69	1760		89 56 40	9.0	-7.2		33.3			6		
7		70	2640		89 57 50	9.0 7	-6.7		33.8			7		
8			✓		270 03 20	9.0						8		
9												9		
10		70	2640		89 55 10	9.0 7	+5.0		38.6			10		
11			✓		270 05 20	9.0 7						11		
12		71	1760		89 52 40	9.0	-5.2		33.4			12		
13		72	880		89 46 00	9.0	-5.4		33.2			13		
14		73	0		90 —	5.0	-5.0		33.6			14		
15		74	880		89 44 50	9.0	-5.9		32.7			15		
16		75	1760		89 50 50	9.0	-4.2		34.4			16		
17												17		

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  = INSTRUMENT SET-UP
  = SIDESHOT
  = FORESIGHT

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 125 OF
 LINE/LOOP NO. 616 TYPE SURVEY CLIENT HUSKY APP DATE 31 DY 1 MO 79 YR
 SURVEYOR T. SHERRILL 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 DI		RIGHT TURNED HORIZONTAL ANGLE	LINE
				SLOPE					HORIZ	INST				
1									38.6			1		
2		SA 76	2640		89 50 00	907		-1.0		37.6			2	
3			✓		270 10 20	907							3	
4													4	
5		76	2640		89 53 20	907		+3.5	40.8				5	
6			✓		270 07 20	907							6	
7		77	1760		89 52 50	90		-5.3		35.5			7	
8		78	880		89 49 20	90		-6.3		34.5			8	
9		79	0		90 —	50		-50		35.8			9	
10		80	880		89 55 10	90		-7.7		35.1			10	
11		81	1760		89 55 40	90		-6.7 ✓		34.1 ✓			11	
12		82	2640		89 52 30	907		-2.8		38.0			12	
13			✓		270 08 10	907							13	
14													14	
15		82	2640		89 49 40	907		+0.6	38.5				15	
16			✓		270 11 10	907							16	
17		83	1760		89 51 30	90		-4.6		33.9			17	

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HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARLOW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 126 OF
 LINE/LOOP NO. 616 TYPE SURVEY CLIENT Ausky NPR DATE 31 DY 1 MO 79 YR
 SURVEYOR T. SHERKILL 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	LINE
				SLOPE					HORIZ	INST				
1									38.5			1		
2	SA	84	880		89 44 30	9.0	-5.0		33.5			2		
3	π	85	0		90 —	5.0	-5.0		33.5			3		
4		86	880		89 45 00	9.0	-5.1		33.4			4		
5		87	1760		89 51 20	9.0	-4.5		34.0			5		
6	⊙	88	2640		89 54 20	9.0	-4.1		34.4			6		
7	⊙		✓		270 06 40	9.0						7		
8												8		
9	Δ	88	2640		89 51 40	9.0	+1.9	36.1				9		
10	Δ		✓		270 09 40	9.0						10		
11		89	1760		89 49 10	9.0	-3.4		32.7			11		
12		90	880		89 40 20	9.0	-3.9		32.2			12		
13	π	91	0		90 —	5.0	-5.0		31.1			13		
14		92	880		90 26 20	15.0	-2.7		14.4			14		
15		93	1760		89 51 30	9.0	-4.6		31.5			15		
16	⊙	94	2640		89 55 40	9.0	-5.1		31.0			16		
17	⊙		✓		270 05 20	9.0						17		

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 127 OF
 LINE/LOOP NO. 616 TYPE SURVEY CLIENT Husky NPR DATE 31 DY 1 MO 29 YR
 SURVEYOR T. SHERILL 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	ELEVATION		L/R OR DI	RIGHT TURNED HORIZONTAL ANGLE		LINE
				SLOPE				HORIZ	INST				
1												1	
2	Δ	S.P. 94	26.40		89 54 00	90.7	+3.9	34.9				2	
3	Δ		✓		270 06 50	90.5						3	
4		95	1760		89 53 00	90.0	-5.4	29.5				4	
5		96	880		89 48 40	90.0	-6.1	28.8				5	
6	⊕	97	0		90 —	5.0	-5.0	29.9				6	
7	⊙	790 42	160		90 —	4.27	-4.2	30.7			790 42 - BAK	7	30.74
8	⊙		✓		270 —	4.21		32.6			790 42 - 118	8	
9								± 1.9			MUSTIE	9	
10												10	
11												11	
12								30.7			790 92	12	
13	Δ	790 42	160		90 —	4.27	+4.2	34.4				13	
14	Δ		✓		270 —	4.21						14	
15	⊕	97	0		90 —	5.0	-5.0	29.4				15	
16		98	880		89 44 20	90.0	-5.0	29.4				16	
17		99	1760		89 49 50	90.0	-3.7	30.7				17	













WORKED BY CHECKED BY 1ST 2ND

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

HORIZONTAL AND VERTICAL SURVEY NOTES





13

GSI AREA B. Allow STATE/COUNTY ALASKA BOOK NO. 1 PAGE 128 OF
 LINE/LOOP NO. 614 TYPE SURVEY CLIENT NUSKY MNR DATE 31 DY 1 MO 29 YR
 SURVEYOR T. SHERRILL 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 DI		RIGHT TURNED HORIZONTAL ANGLE	LINE
				SLOPE					HORIZ	INST				
1									-4.9	34.4			1	
2		S.P. 100	26.40	89 47 10	90 04 30	19.01			+7.9	29.5			2	
3			270 13 10	209 56 30	190								3	
4													4	
5		100	26.40	89 40 20	150				-0.6	28.3			5	
6				270 20 30	150								6	
7		101	17.60	89 47 00	90				-2.3	26.0			7	
8		102	8.80	89 41 10	90				-4.2	24.1			8	
9		103	0	90	50				-5.0	23.3			9	
10		104	8.80	89 50 10	90				-6.5	21.8			10	
11		105	17.60	89 40 20	90				+1.1	29.4			11	
12		106	26.40	89 47 10	90				+1.4	29.7			12	
13				270 13 50	90								13	
14													14	
15		106	26.40	89 50 40	90				+1.2	30.3			15	
16				270 16 40	90								16	
17		107	17.60	89 50 40	90				-4.2	26.1			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. 1 PAGE 129 OF
 LINE/LOOP NO. 616 TYPE SURVEY CLIENT Husky NAR DATE 31 DY 1 MO 79 YR
 SURVEYOR T. SHERRILL 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 DJ	RIGHT TURNED HORIZONTAL ANGLE
				SLOPE					HORIZ	INST			
1									30.3			1	
2		SP. 108	880		89 51 30	9.0	-6.8		23.5			2	
3		109	0		90 —	5.0	-5.0		25.3			3	
4		110	880		89 56 20	9.0	-8.0		22.3			4	
5		111	1760		89 57 00	9.0	-7.4		22.9			5	
6		112	2640		89 56 00	9.0	-5.4		24.9			6	
7			✓		270 05 00	9.0						7	
8												8	
9		112	2640		90 03 10	9.0	+11.0		35.4			9	
10			✓		269 57 40	9.0						10	
11		113	1760		90 04 30	9.0	-11.2		24.2			11	
12		114	880		90 09 50	9.0	-11.5		23.9			12	
13		115	0		90 —	5.0	-5.0		30.4			13	
14		116	880		89 53 00	9.0	-7.2		20.2			14	
15		117	1760		90 20 20	9.0	-19.3		16.1			15	
16		118	2640		90 14 00	9.0	-19.2		16.2			16	
17			✓		269 47 10	9.0						17	

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

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BALLOU STATE/COUNTY ALASKA BOOK NO. 1 PAGE 130 OF
 LINE/LOOP NO. 616 TYPE SURVEY CLIENT HUSKEY NPL DATE 31 DY 1 MO 79 YR
 SURVEYOR T. SHEDDILL 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		R/L OR D/I		RIGHT TURNED HORIZONTAL ANGLE
				SLOPE					HORIZ	INST			
1													
2	△	118	2640		90 05 40	90.7	+12.8	28.7					
3	△		✓		269 55 20	90.0							
4		119	1760		89 53 10	90.0	-5.4	23.3					
5		120	880		90 25 00	90.0	-15.4	13.3					
6	⊖	121	0		90 —	5.0	-5.0	23.7					
7		122	880		90 54 20	90.0	-10.1	18.6					
8	◎	79043	1500		89 32 00	90.7	+3.5	32.2			79043 - BALLOU		
9	◎	= S.P. 122 + 620	✓		270 29 10	90.7		34.8			79043 - 1182		
10								± 2.6			MISTAKE		32.27
11													
12													
13								32.2			79043		
14	△	79043	2020		89 56 10	90.7	+2.9	35.4					
15	△	= S.P. 122 + 620	✓		270 16 40	90.0							
16		123	1760		89 50 10	90.0	-3.9	31.5					
17		124	880		89 45 10	90.0	-5.2	30.2					

REFER L-8
P. 119

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

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARLOW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 131 OF
 LINE/LOOP NO. 616 TYPE SURVEY CLIENT HUSKEY INC DATE 31 DY 1 MO 29 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		
1									35.4			1
2	⊕	S.P. 125	0		90 —	5.0	-5.0		29.4			2
3		126	880		89 55 00	9.0	-7.7		27.7			3
4		127	1760		89 58 30	9.0	-8.2		27.2			4
5	⊙	128	2640		89 58 50	9.07	-7.3		28.1			5
6	⊙		✓		270 02 30	9.05						6
7												7
8	Δ	128	2640		90 01 30	9.07	+9.8		38.2			8
9	Δ		✓		269 59 00	9.05						9
10		129	1760		90 03 30	9.0	-10.7		27.5			10
11		130	880		90 04 30	9.0	-10.1		28.1			11
12	⊕	131	0		90 —	5.0	-5.0		33.2			12
13		132	880		89 49 20	9.0	-6.3		31.9			13
14		133	1760		89 54 50	9.0	-6.3		31.9			14
15	⊙	134	2640		89 56 00	9.07	-5.3		32.9			15
16	⊙		✓		270 05 10	9.05						16
17												17

WORKED BY CHECKED BY 1ST 2ND

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

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA Barrow STATE/COUNTY ALASKA BOOK NO. 1 PAGE 132 OF
 LINE/LOOP NO. 616 TYPE SURVEY CLIENT HUSKY NPR DATE 31 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		L/R OR DJ		RIGHT TURNED HORIZONTAL ANGLE
				SLOPE					HORIZ	INST			
1												1	
2	Δ	SP 134	2640		89 54 10	90.7	+4.0	37.1				2	
3	Δ		✓		270 06 50	90.5						3	
4		135	1760		89 50 20	90	-4.0		27.1			4	
5		136	880		89 46 30	90	-5.5		31.6			5	
6	π	137	0		90 —	5.0	-5.0		32.1			6	
7		138	880		89 44 10	90	-4.9		32.2			7	
8		139	1760		89 52 10	90	-4.9		32.2			8	
9	⊙	140	2640		89 55 30	90.7	-5.0		32.1			9	
10	⊙		✓		270 05 30	90.5						10	
11												11	
12	Δ	140	1760		89 53 10	90.7	+5.2	37.5				12	
13	Δ		✓		270 07 50	90.5						13	
14		141	880		89 46 20	90	-5.5		32.0			14	
15	π	142	0		90 —	5.0	-5.0		32.5			15	
16		143	880		89 47 50	90	-5.9		31.6			16	
17	⊙	143+L57	1137		89 47 50	90.7	-4.8		32.7		7994-BARR	17	32.75
		⊙ = 29044			270 13 20	90.5			31.7		7994-1182		

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 SYMBOLS Δ = BACKSIGHT π = INSTRUMENT SET-UP SS = SIDESHOT ⊙ = FORESIGHT 1.0 MASTIC

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 133 OF
 LINE/LOOP NO. 666 TYPE SURVEY CLIENT WICKLY NPL DATE 3 DY 2 MO 79 YR
 SURVEYOR T. SHERICE 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		
1									32.7	79044	1	
2	Δ	79044	2383		89 54 20	9.07	+5.0	37.6			2	
3	Δ	=S.P. 143+257	2383		270 05 30	9.0					3	
4		144	1760		89 54 40	9.0	-6.2		31.4		4	
5		145	880		89 49 30	9.0	-5.8		31.8		5	
6	π	146	0		90 —	5.0	-5.0		32.6		6	
7		147	880		89 44 00	9.0	-4.9		32.7		7	
8		148	1760		89 52 40	9.0	-5.2		32.4		8	
9	⊙	149	7640		89 55 40	9.07	-5.5		32.1		9	
10	⊙		✓		270 04 20	9.0					10	
11											11	
12	Δ	149	2640		90 02 50	9.07	+10.9	42.9			12	
13	Δ		✓		269 57 30	9.0					13	
14		150	1760		90 00 40	9.0	-9.3		33.6		14	
15		151	880		89 50 40	9.0	-6.6		36.3		15	
16	π	152	0		90 —	5.0	-5.0		37.9		16	
17		153	880		89 48 00	9.0	-5.9		37.0		17	

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

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BALDWIN STATE/COUNTY ALASKA BOOK NO. 1 PAGE 134 OF
 LINE/LOOP NO. 606 TYPE SURVEY CLIENT WASKY NFR DATE 3 DY 2 MO 79 YR
 SURVEYOR T. STEPHEN 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			RIGHT TURNED HORIZONTAL ANGLE
				SLOPE					HORIZ	INST		
1								42.9			1	
2		S.P. 154	1760		89 49 50	9.0	-3.7		39.2		2	
3		155	2640		89 55 00	9.0	-4.9		38.0		3	
4			✓		270 05 20	9.0					4	
5											5	
6		155	2640		89 50 40	9.0	+1.4	39.3			6	
7			✓		270 10 00	9.0					7	
8		154	1760		89 48 00	9.0	-2.8		36.5		8	
9		157	880		89 37 20	9.0	-3.2		36.1		9	
10		158	0		90 —	5.0	-5.0		34.3		10	
11		159	880		89 43 10	9.0	-4.7		34.6		11	
12		160	1760		89 55 30	9.0	-6.6		32.7		12	
13		161	2640		89 57 50	9.0	-6.9		32.4		13	
14			✓		270 03 00	9.0					14	
15											15	
16		161	2640		89 57 50	9.0	+6.7	39.1			16	
17			✓		270 03 20	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. 1 PAGE 135 OF
 LINE/LOOP NO. 616 TYPE SURVEY CLIENT Husky NPK DATE 3 DY 2 MO 79 YR
 SURVEYOR T. STERNICK 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		
1									39.1			1
2		S.P. 162	1760		89 54 00	90	-5.9		33.2			2
3		163	880		89 47 00	90	-5.7		33.4			3
4		π 164	0		90 —	5.0	-5.0		34.1			4
5		165	880		89 33 40	90	-2.2		36.9			5
6		166	1760		89 49 10	90	-3.4		35.7			6
7		⊙ 79045	1776		89 49 40	90	-3.3		35.8	79045-BANK		7
8		⊙ =166 + 16	✓		270 11 30	90			36.2	79045-1182	(35.82)	8
9									±0.4	MISFILE		9
10												10
11												11
12									35.8	79045		12
13		Δ 79045	2294		90 11 00	90	+15.8	51.5				13
14		Δ =166 + 16	✓		269 50 10	90						14
15		167	1430		90 21 50	90	-18.0		33.5			15
16		168	880		90 34 50	90	-14.6		37.9			16
17		π 168 + 550	0		90 —	5.0	-5.0		46.5			17

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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 136 OF
 LINE/LOOP NO. 616 TYPE SURVEY CLIENT WASKY HIR DATE 3 DY 2 MO 79 YR
 SURVEYOR T. SHERRILL 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			LR OR DR	RIGHT TURNED HORIZONTAL ANGLE	
				SLOPE					HORIZ	INST				ROD
1									51.5			1		
2		S.P. 169	330		92 25 30	15.0		-29.0		22.5			2	
3		170	1210		90 37 00	9.0		-22.0		29.5			3	
4		171	2090		90 04 40	9.0		-11.7		39.8			4	
5	⊙	172	2970		90 06 30	9.0		-13.9		37.6			5	
6	⊙		✓		269 54 40	9.0							6	
7													7	
8	Δ	172	2970		89 47 30	9.0		-2.5	35.1				8	
9	Δ		✓		270 13 40	9.0							9	
10		173	2090		89 51 20	15.0		-9.6		25.5			10	
11		174	1210		90 35 20	9.0		-21.4		13.7			11	
12		175	330		92 01 30	15.0		-26.7		8.4			12	MEADE RIVER
13	⊗	175 + 330	0		90 —	5.0		-5.0		30.1			13	
14		176	550		89 51 20	9.0		-7.6		27.5			14	
15		177	1430		89 56 10	9.0		-7.4		27.7			15	
16	⊙	178	2310		89 59 10	9.0		-8.0		27.1			16	
17	⊙		✓		270 01 50	20							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 137 OF
 LINE/LOOP NO. 666 TYPE SURVEY CLIENT Husky NPE DATE 3 DY 2 MO 79 YR
 SURVEYOR T. Spallone 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	ELEVATION		L/R OR D/I	RIGHT TURNED HORIZONTAL ANGLE		LINE
				SLOPE				HORIZ	INST				
1												1	
2	Δ	Sta. 178	26.40		89 57 50	9.07	+6.8	33.8				2	
3	Δ		✓		270 03 10	9.0						3	
4		179	17.60		89 56 10	9.0	-7.0	26.8				4	
5		180	8.80		89 50 30	9.0	-6.6	27.2				5	
6	⊖	181	0		90 — 5.0		-5.0	28.8				6	
7		182	8.80		89 49 50	9.0	-6.4	27.4				7	
8		183	17.60		89 54 20	9.0	-6.0	27.8				8	
9	⊙	184	26.40		89 56 50	9.07	-6.0	27.8				9	
10	⊙		✓		270 04 10	9.0						10	
11												11	
12	Δ	184	26.40		90 03 10	9.07	+10.9	38.0				12	
13	Δ		✓		269 57 50	9.0						13	
14		185	17.60		90 04 20	9.0	-11.2	27.7				14	
15		186	8.80		89 48 00	9.0	-5.9	33.0				15	
16	⊖	187	0		90 — 5.0		-5.0	33.9				16	
17												17	

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HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA B. Allow STATE/COUNTY ALASKA BOOK NO. 1 PAGE 138 OF
 LINE/LOOP NO. 616 TYPE SURVEY CLIENT KUSKY NH DATE 3 DY 2 MO 79 YR
 SURVEYOR T. Stellan 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 DI	RIGHT TURNED HORIZONTAL ANGLE	
				SLOPE	HORIZ					INST				ROD
1									38.9				1	
2		790 46	1170		89 33 30	9.0	+0.2		38.9			790 46 - BALL	2	(3886)
3			✓		270 27 20	2.0			39.1			790 46 - 1182	3	
4									± 0.2			MISTIE	4	
5													5	
6													6	
7									38.9			790 46	7	
8		790 46	1170		89 33 30	9.0	-0.2	38.7					8	
9			✓		270 27 20	9.0							9	
10		187	0		90	5.0	-5.0		33.7				10	
11		188	880		89 12 40	9.0	+3.2		41.9				11	
12			✓		270 48 00	9.0							12	
13													13	
14		188	3190		89 52 00	9.0	+0.9	42.6					14	
15			✓		270 09 00	9.0							15	
16		189	2310		90 09 40	9.0	-15.4		27.2				16	
17		190	1430		90 15 00	9.0	-15.2		27.4				17	

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HORIZONTAL AND VERTICAL SURVEY NOTES

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GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 139 OF
 LINE/LOOP NO. 616 TYPE SURVEY CLIENT HUSKY DPR DATE 3 DY 2 MO 79 YR
 SURVEYOR T. SHEPHERD 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			
1								42.6			1		
2		191	550		90 25 20	9.0	-13.0		29.6			2	
3		191+550	0		90 —	5.0	-5.0		37.6			3	
4		192	330		90 13 40	9.0	-10.3		32.3			4	
5		193	1210		90 03 50	9.0	-10.3		32.3			5	
6		194	2090		89 59 50	9.0	-8.8		33.8			6	
7		195	2970		89 52 50	9.0	-2.1		40.5			7	
8			✓		270 08 20	9.0						8	
9												9	
10		195	2640		89 40 30	9.0	-6.4	34.1				10	
11			✓		270 20 10	9.0						11	
12		196	1760		89 35 00	9.0	+3.9		38.0			12	
13		197	880		89 50 30	9.0	-6.6		27.5			13	
14		198	0		90 —	5.0	-5.0		29.1			14	
15		199	880		90 02 00	9.0	-9.5		24.6			15	
16		200	1760		90 03 50	9.0	-10.9		23.2			16	
17												17	

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

HORIZONTAL AND VERTICAL SURVEY NOTES

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GSI AREA Barrow STATE/COUNTY ALASKA BOOK NO. 1 PAGE 140 OF
 LINE/LOOP NO. 616 TYPE SURVEY CLIENT Husky NFR DATE 4 DY 2 MO 79 YR
 SURVEYOR T. S. Hedbill 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	LINE
				SLOPE					HORIZ	INST				
1										34.1			1	
2		S.P. 201	26.40		89 56 10	90 2		-5.5		28.6			2	
3			✓		270 05 00	90 7							3	
4													4	
5		201	35.20		90 03 00	90 2		+11.8		40.2			5	(INST. WARN)
6			✓		269 57 00	90 7							6	
7		202	26.40		90 08 30	90.0		-15.4		24.8			7	
8		203	17.60		90 13 30	90.0		-15.8		24.4			8	
9		204	8.80		90 24 20	90.0		-15.2		25.0			9	
10		205	0		90 ———	5.0		-5.0		35.2			10	
11		206	8.80		90 34 00	90.0		-17.7		22.5			11	
12		207	17.60		90 17 50	90.0		-18.1		22.1			12	
13		208	26.40		90 08 50	90.0		-15.6		24.6			13	
14		209	25.20		90 06 10	90 2		-14.8		25.4			14	
15			✓		269 54 20	90 7							15	
16													16	
17													17	

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

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BALLOU STATE/COUNTY ALASKA BOOK NO. 1 PAGE 141 OF
 LINE/LOOP NO. 616 TYPE SURVEY CLIENT HUSKY JPR DATE 4 DY 2 MO 70 YR
 SURVEYOR T. SHERWIN 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		LR OR DI		RIGHT TURNED HORIZONTAL ANGLE	LINE
				SLOPE					HORIZ	INST				
1												1		
2	Δ	SP. 209	2640		89 59 00	9.07	+7.9	33.2				2		
3	Δ		✓		270 01 30	9.05						3		
4		210	1710		90 04 30	9.0	-11.2		22.0	*		4		
5		211	880		90 04 20	9.0	-10.1		23.1			5		
6	π	212	0		90 —	5.0	-5.0		28.2			6		
7		213	880		90 07 50	9.0	-11.0		22.2			7		
8		214	1760		90 03 50	9.0	-10.9		22.3			8		
9	⊙	215	2640		90 01 50	9.07	-10.0		23.2			9		
10	⊙		✓		269 58 50	9.07						10		
11												11		
12	Δ	215	2065		90 11 00	9.02	+5.2	38.4				12		
13	Δ		✓		269 50 00	9.07						13		
14		216	1185		90 15 20	9.0	-14.3		24.1			14		
15		217	305		91 10 00	9.0	-15.2		23.2			15		
16	π	79047 = 117+305	0		90 —	5.0	-5.0		33.4			16	(33.57)	
17	⊙	79047	0		90 —	5.0	-5.0		33.4		79047 - 1182	17	= 217 + 305	

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

34.0
 79047 - 1182
 + 0.6 MISTAKE

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HORIZONTAL AND VERTICAL SURVEY NOTES

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GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 142 OF
 LINE/LOOP NO. 616 TYPE SURVEY CLIENT HUSKY NRC DATE 4 DY 2 MO 79 YR
 SURVEYOR T. STELLER 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			LR OR DI	RIGHT TURNED HORIZONTAL ANGLE
				SLOPE					HORIZ	INST			
1									33.4		79047	1	
2	Δ	79047	0		90 — 50		+5.0	38.6				2	
3	Δ	217+305	0		270 — 60							3	
4	⊙	217+305	0		90 — 50		-5.0		33.6			4	
5		218	575		90 18 00	4.0	-7.0		31.6			5	
6		219	1455		90 10 30	9.0	-13.4		25.2			6	
7	⊙	220	2335		90 04 20	9.0	-11.5		27.1			7	
8	⊙				269 56 40	9.0						8	
9												9	
10	Δ	220	2640		90 03 30	9.0	+11.2	38.3				10	
11	Δ		✓		269 57 30	9.0						11	
12		221	1760		90 07 00	9.0	-12.5		25.8			12	
13		222	890		90 11 40	9.0	-12.0		26.3			13	
14	⊙	223	0		90 — 50		-5.0		33.3			14	
15		224	880		89 23 50	9.0	+0.3		38.6			15	
16	⊙	225	1760		89 18 10	9.0	+12.8		51.1			16	
17	⊙	225	✓		270 43 00	9.0						17	

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SYMBOLS

Δ = BACKSIGHT

⊕ = INSTRUMENT SET-UP

SS = SIDESHOT

⊙ = FORESIGHT

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 143 OF
 LINE/LOOP NO. 616 TYPE SURVEY CLIENT HUSKY NAR DATE 4 DY 2 MO 79 YR
 SURVEYOR T. SHERKILL 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			RIGHT TURNED HORIZONTAL ANGLE	LINE
				SLOPE					HORIZ	INST			
1											1		
2		SP 225	3520		90 13 00	907	+21.5	72.6			2		
3			✓		269 48 10	905					3		
4		226	2640		90 21 40	90	-25.5	47.1			4		
5		227	1760		90 46 50	90	-32.9	39.7			5		
6		228	880		90 49 30	90	-21.7	50.9			6		
7		229	0		90 —	5.0	-5.0	67.6			7		
8		230	880		89 17 50	907	+1.9	74.5			8		
9			✓		270 43 00	905					9		
10											10		
11		230	2640		90 13 50	907	+19.0	93.7			11		
12			✓		269 47 20	907					12		
13		231	1760		90 30 10	90	-24.4	69.3			13		
14		232	880		90 30 20	90	-16.7	77.0			14		
15		233	0		90 —	5.0	-5.0	88.7			15		
16		234	880		90 52 00	90	-22.3	71.4			16		
17		235	1760		90 21 30	90	-19.9	73.8			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. 1 PAGE 144 OF
 LINE/LOOP NO. 616 TYPE SURVEY CLIENT HOCKEY NPK DATE 4 DY 2 MO 79 YR
 SURVEYOR T. SHELWILL 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									93.7			1		
2		SA 236	26.90		89 46 10	9.0	+	71.8		95.5		2		
3		79048	28.64		89 41 30	9.07		17.1		100.8		3	(106.83)	
4		= 236 + 224	✓		270 19 40	9.05				100.3		4	79048-1182	
5										100.3		5	MISTLE	
6		79048	32.96		89 38 50	9.0		-11.5		89.3		6		
7		T.S.1	26.90		89 51 20	4.0		+2.8		92.1		7		
8		2	17.60		90 26 30	4.0		-17.5		71.8		8		
9		3	8.80		90 26 40	4.0		-10.8		78.5		9		
10		4	0		90 —	5.0		-5.0		84.3		10		
11		5	8.80		89 58 20	4.0		-3.6		85.7		11		
12		6	17.60		90 04 40	4.0		-6.3		83.0		12		
13												13		
14					SOUTH END OF LINE								14	
15												15		
16												16		
17												17		

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