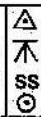











HORIZONTAL AND VERTICAL SURVEY NOTES


GSI AREA Barrow STATE/COUNTY ALASKA BOOK NO. 3 PAGE 606 OF
 LINE/LOOP NO. 667 TYPE SURVEY CLIENT Husley NPL DATE 26 BY 4 MO 79 YR
 SURVEYOR T. SHERWIN INSTRUMENT DESC/SERIAL NO. CREW NO. 1182

LINE		STATION	VERTICAL						ELEVATION		LR 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
															
1										5.5		INT 659/620	1	REBAR L-14 P-395	
2		S.P. 4 <small>25.P. 421/628 25.P. 31659</small>	2640			89 59 20	9.0	+8.5	14.0				2		
3		INT 659/620				270 00 20	9.0						3		
4		3	1760			90 08 50	4.0	-8.5		5.5			4		
5		2	880			90 16 50	4.0	-8.3		5.7			5		
6		1	0			90 —	5.0	-5.0		9.0			6		
7		T.S. 1	880			90 02 00	4.0	-4.5		9.5			7		
8		2	1760			90 06 20	4.0	-7.2		6.8			8		
9		3	2640			90 01 10	4.0	-4.8		9.2			9		
10		4	3520			90 00 20	4.0	-4.1		9.9			10		
11		5	4400			89 59 50	4.0	-3.4		10.6			11		
12		6	5280			89 58 30	4.0	-2.7		11.3			12		
13		S.P. 4	2640			89 59 20	9.0	-8.5		5.5			13		
14						270 00 20	9.0						14		
15													15		
16		S.P. 4	4400			89 55 40	9.0	+3.2	8.5				16		
17						270 04 10	9.0						17		


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SYMBOLS

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 = INSTRUMENT SET-UP

 = SIDESHOT

 = FORESIGHT

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 3 PAGE 607 OF 2
 LINE/LOOP NO. 667 TYPE SURVEY _____ CLIENT Husky NPL DATE 26 BY 4 MO 79 YR
 SURVEYOR T. SHERKILL INSTRUMENT DESC/SERIAL NO. _____ CREW NO. 1182

LINE	 	STATION	VERTICAL						ELEVATION		LR OR DI	HORIZONTAL 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									8.5			1		
2		S.P. 5	3520		89 54 30	9.0		-3.1		5.4		2		
3		6	2640		89 52 20	9.0		-3.0		5.5		3		
4		7	1760		89 49 20	9.0		-3.5		5.0		4		
5		8	880		89 42 30	9.0		-4.5		4.0		5		
6		9	0		90 —	5.0		-5.0		3.5		6		
7		10	880		89 43 10	9.0		-4.7		3.8		7		
8		11	1760		89 48 50	9.0		-3.2		5.3		8		
9		12	2640		89 54 00	9.0		-4.3		4.2		9		
10		^{127 555 1667} 106 + 81 1672 S.P. 106 / 6-672	3195		89 55 00	9.0		-4.1		4.4		10		
11		S.P. 106 / 6-672	3196		89 55 00	9.0		-4.1		4.4		11		
12		13	3520		89 55 20	9.0		-4.0		4.5		12		
13		14	4400		89 56 00	9.0		-3.7		4.8		13		
14			✓		270 03 40	9.0						14		
15												15		
16		14	4400		89 58 00	9.0		+6.3	110			16		
17			✓		270 01 40	9.0						17		

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SYMBOLS

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= SIDESHOT

= FORESIGHT

HORIZONTAL AND VERTICAL SURVEY NOTES

3

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 3 PAGE 608 OF
 LINE/LOOP NO. 667 TYPE SURVEY CLIENT HUSKEY NR DATE 26 BY 4 MO 79 YR
 SURVEYOR T. SHERMAN 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 	HORIZ 										
1													1		
2		S.P. 15	3520			89 59 10	9.0	-7.9		11.0			2		
3		16	2640			89 57 50	9.0	-7.2					3		
4		17	1760			89 54 30	9.0	-6.1					4		
5		18	880			89 49 40	9.0	-6.3					5		
6		19	0			90 ———	5.0	-5.0					6		
7		20	880			89 41.40	9.0	-4.3					7		
8		21	1760			89 51 10	9.0	-4.4					8		
9		27	2640			90 01 20	9.0	-9.9					9		
10		23	3520			89 56 10	9.0	-4.8					10		
11		24	4400			89 57 00	9.0	-4.9					11		
12			✓			270 02 50	9.0						12		
13													13		
14		24	4400			89 58 50	9.0	+7.3		13.3			14		
15			✓			270 00 50	9.0						15		
16		25	3520			89 58 20	9.0	-7.0					16		
17		26	2640			89 56 30	9.0	-6.2					17		

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HORIZONTAL AND VERTICAL SURVEY NOTES


4

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 3 PAGE 609 OF
 LINE/LOOP NO. 667 TYPE SURVEY CLIENT NPR DATE 26 BY 4 MO 79 YR
 SURVEYOR T. SHELLIN INSTRUMENT DESC/SERIAL NO. CREW NO. 1102

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 	HORIZ 										
1													1		
2		S.A. 27	1760		89 56 20	90	-7.1		6.2				2		
3		28	880		89 47 50	90	-5.9		7.4				3		
4		29	0		90 —	50	-5.0		8.3				4		
5		30	880		89 58 20	90	-8.6		4.7				5		
6		31	1760		89 51 30	90	-4.6		8.7				6		
7		32	2640		89 54 30	90	-4.6		8.7				7		
8		33	3520		89 56 00	90	-4.7		8.6				8		
9		34	4400		89 59 40	90?	-8.4		4.9				9		
10			✓		270 00 00	90)							10		
11													11		
12		34	3732		90 12 10	90?	+22.1	270					12		
13			✓		269 47 30	90)			1				13		
14		35	2852		90 16 10	90	-22.2		4.8				14		
15		36	1972		90 25 30	90	-23.6		3.4				15		
16		37	1092		90 16 20	180	-20.2		6.8				16		
17		38	212		89 05 50	90	-5.7		21.3				17		

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

HORIZONTAL AND VERTICAL SURVEY NOTES

5

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 3 PAGE 610 OF
 LINE/LOOP NO. 667 TYPE SURVEY CLIENT Husky M/R DATE 26 BY 4 MO 29 YR
 SURVEYOR T. SHAW INSTRUMENT DESC/SERIAL NO. CREW NO. 1102

LINE	△ ⊥ SS ⊙	STATION	VERTICAL						ELEVATION		HORIZONTAL		REMARKS	
			DISTANCE	FEET METERS		VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	INST	ROD	L/R OR DI		RIGHT TURNED HORIZONTAL ANGLE
				SLOPE	HORIZ									
1									27.0				1	
2	⊥	38+212	0		90 —	5.0		-5.0		22.0			2	
3	⊙	Δ CARIB	0		90 —	5.0		-5.0		22.0		Δ CARIB-uses	3	
4	⊙	= S.P. 38+212	0		270 —	5.0				22.4		Δ CARIB-1102	4	
5									±	0.4		MISTIE	5	
6													6	
7										22.0		Δ CARIB	7	
8	Δ	Δ CARIB	0		90 —	5.0		+5.0	26.9				8	
9	Δ	= S.P. 38+212	0		270 —	5.0							9	
10	⊥	38+212	0		90 —	5.0		-5.0		21.9			10	
11		39	668		89 47 50	9.0		-6.6		20.3			11	
12		40	1548		89 53 20	9.0		-6.0		20.9			12	
13		41	2428		89 59 40	9.0		-8.6		18.3			13	
14		42	3308		89 57 00	9.0		-5.9		21.0			14	
15	⊙	43	4188		89 56 30	9.0		-4.7		22.2			15	
16	⊙		✓		270 03 00	9.0							16	
17													17	

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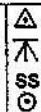












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HORIZONTAL AND VERTICAL SURVEY NOTES

6

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 3 PAGE 611 OF
 LINE/LOOP NO. 667 TYPE SURVEY CLIENT WASKY INC DATE 27 BY 4 MO 29 YR
 SURVEYOR T. SHERRILL INSTRUMENT DESC/SERIAL NO. CREW NO. 1182

LINE	   	STATION	VERTICAL						ELEVATION		L/R 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 	HORIZ 										
1													1		
2		S.P. 43	4400			89 55 00	907	+2.5	24.5				2		
3						270 04 30	90)						3		
4		44	3520			89 57 00	9.0	-5.7		18.8			4		
5		45	2640			90 01 40	9.0	-10.1		14.4			5		
6		46	1760			90 02 20	9.0	-10.1		14.4			6		
7		47	880			89 53 50	9.0	-7.4		17.1			7		
8		48	0			90 —	5.0	-5.0		19.5			8		
9		49	880			89 54 30	9.0	-8.1		16.4			9		
10		50	1760			89 59 00	9.0	-8.4		16.1			10		
11		51	2640			90 01 30	9.0	-10.0		14.5			11		
12		52	3520			90 05 50	9.0	-14.7		9.8			12		
13		53	4400			90 07 00	907	-17.8		6.7			13		
14						269 52 40	90)						14		
15													15		
16		53	4400			89 51 10	906	-2.5	4.0				16		
17						270 08 30	9.0)						17		

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HORIZONTAL AND VERTICAL SURVEY NOTES

7

GSI AREA Barrow STATE/COUNTY ALASKA BOOK NO. 3 PAGE 612 OF
 LINE/LOOP NO. 667 TYPE SURVEY CLIENT Husky MR DATE 27 BY 4 MO 29 YR
 SURVEYOR T. SHERRIN 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 	HORIZ 										
1										4.0			1		
2		S.P. 54	3520			89 50 20	9.0	+1.2		5.2			2		
3		55	2640			89 48 50	9.0	-0.3		3.7			3		
4		56	1760			89 43 00	9.0	-0.2		3.8			4		
5		57	880			89 39 40	9.0	-3.8		0.2			5		
6	A	58	0			90 —	5.0	-5.0		-1.0			6		
7		59	880			89 47 30	9.0	-5.8		-1.8			7		
8		60	1760			89 53 20	9.0	-5.5		-1.5			8		
9		61	2640			89 53 10	9.0	-3.6		0.4			9		
10		62	3520			89 48 30	9.0	+3.0		7.0			10		
11	WT	$= 62 + 10/667$ $= 6 + 655/1174$	3538			89 48 30	9.0	+3.1		7.1			11		
12		S.P. 7 -L-674	3540			89 48 00	9.0	+3.6		7.6			12		
13	⊙	63	4400			89 50 10	9.0	+3.9		7.9			13		
14	⊙		✓			270 09 40	9.0						14		
15													15		
16	Δ	63	4400			89 56 20	9.0	+4.1	11.9				16		
17	Δ		✓			270 03 20	9.0						17		

TI-23471B

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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. 3 PAGE 613 OF
 LINE/LOOP NO. 667 TYPE SURVEY CLIENT WISKEY APR DATE 27 BY 4 MO 29 YR
 SURVEYOR T. STELLER INSTRUMENT DESC/SERIAL NO. CREW NO. 1182

LINE	△ K SS ◎	STATION	VERTICAL							HORIZONTAL		REMARKS		
			DISTANCE	FEET 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										11.9			1	
2		S.P. 64	3520			89 56 00	9.0	-4.7		7.2			2	
3		65	2640			89 57 10	9.0	-6.7		5.2			3	
4		66	1760			89 54 30	9.0	-6.1		5.8			4	
5		67	880			89 47 50	9.0	-5.9		6.0			5	
6	π	68	0			90 —	5.0	-5.0		6.9			6	
7		69	880			89 43 30	9.0	-4.8		7.1			7	
8		70	1760			89 57 00	9.0	-7.4		4.5			8	
9		71	2640			89 57 30	9.0	-6.9		5.2			9	
10		72	3520			89 57 20	9.0	-6.0		5.9			10	
11	⊙	73	4400			89 59 10	9.0	-7.8		4.1			11	
12	⊙		✓			270 00 30	9.0						12	
13													13	
14	△	73	4400			89 58 50	9.0	+7.3		16.3			14	
15	△		✓			270 00 50	9.0						15	
16		74	3520			89 58 50	9.0	-7.6		3.7			16	
17		75	2640			89 55 40	9.0	-5.5		5.8			17	



TI-23471B

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

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 3 PAGE 614 OF
 LINE/LOOP NO. 667 TYPE SURVEY CLIENT HUSKEY NAL DATE 27 DY 4 MO 79 YR
 SURVEYOR T. SHALLEN INSTRUMENT DESC/SERIAL NO. CREW NO. 1182

LINE	△ ⊥ SS ⊙	STATION	VERTICAL						ELEVATION		L/R OR DI	HORIZONTAL		REMARKS	
			DISTANCE	FEET METERS		VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	INST		ROD	RIGHT TURNED HORIZONTAL ANGLE		LINE
				SLOPE 	HORIZ 										
1										18.3			1		
2		S.P. 76	1760		89 53 50	90	-5.8			5.5			2		
3		77	880		89 45 50	90	-5.4			5.9			3		
4	⊥	78	0		90 —	5.0	-5.0			6.3			4		
5		79	880		90 08 10	90	-11.1			0.2			5		
6	⊙	80	1760		89 51 50	90	-4.8			6.5			6		
7	⊙	80	2640 1760	(270-07-50)	270 07 50	90							7		
8		82	3520		89 59 10	90					CHANGED LINE		8	DUE TO TERRAIN	
9	⊙	83	4400		89 58 20	90					CONDITIONS.		9		
10	⊙	83	4400		270 01 20	90							10		
11													11		
12	△	80	3520		89 57 00	90	+5.8		12.4				12		
13	△		✓		270 02 40	90	9.2						13		
14		81	2640		89 57 40	90	-7.1			5.3			14		
15		82	1760		89 58 20	90	-8.1			4.3			15		
16		83	880		89 51 30	90	-6.8			5.6			16		
17	⊥	84	0		90 —	5.0	-5.0			7.4			17		







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HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 3 PAGE 615 OF
 LINE/LOOP NO. 667 TYPE SURVEY CLIENT Husky NPL DATE 28 BY 4 MO 79 YR
 SURVEYOR T. SHERMAN 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 	HORIZ 										
1									12.4				1		
2		S.P. 85	880		89 52 20	90	-7.0		5.4				2		
3		S.P. 86	1760		89 40 20	150	-5.0		7.4				3		
4			✓		270 19 20	150							4		
5													5		
6		86	3520		89 52 00	15.0	+4.7	12.0					6		
7			✓		270 09 40	15.0							7		
8		87	2640		90 06 40	9.0	-14.0		-2.0				8		
9		88	1760		89 55 20	9.0	-6.6		5.4				9		
10		DIKPIK	1820		89 46 40	1.0	+6.0		18.0		USGS		10		
11			✓		270 13 00	1.0			18.9		1182		11		
12									± 0.9		MISILE		12		
13		DIKPIK	1820		89 46 40	1.0	-6.0	12.0					13		
14			✓		270 13 00	1.0							14		
15		89	880		89 50 20	9.0	-6.5		5.5				15		
16		90	0		90 —	5.0	-5.0		7.0				16		
17		91	880		89 53 00	9.0							17		

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HORIZONTAL AND VERTICAL SURVEY NOTES

11

GSI AREA Baldow STATE/COUNTY ALABAMA BOOK NO. 3 PAGE 6/6 OF
 LINE/LOOP NO. 667 TYPE SURVEY CLIENT Huskey MR DATE 28 BY 4 MO 29 YR
 SURVEYOR T. SHERWIN 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 	HORIZ 										
1										12.0			1		
2		S.P. 92	1760		89 55 20	9.0		-6.6		5.4			2		
3		S.P. 93	2640		89 57 20	9.0		-6.8		5.2			3		
4		S.P. 94	3520		89 57 40	9.0		-6.0		5.6			4		
5	⊙	S.P. 95	4400		89 57 50	9.0		-5.0		6.1			5		
6	○		✓		270 02 00	9.0							6		
7													7		
8	Δ	95	4400		89 57 40	9.0		+5.8	11.9				8		
9	Δ		✓		270 02 00	9.0							9		
10		96	3520		89 56 10	9.0		-4.8		7.1			10		
11		97	2640		89 53 10	9.0		-3.6		8.3			11		
12		98	1760		89 51 40	9.0		-4.7		7.2			12		
13		99	880		89 43 10	9.0		-4.7		7.2			13		
14	⊥	100	0		90 —	5.0		-5.0		6.9			14		
15		101	880		89 46 20	9.0		-5.5		6.4			15		
16		102	1760		89 50 20	9.0		-4.0		7.9			16		
17		103	2640		89 54 50	9.0		-4.9		7.0			17		

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HORIZONTAL AND VERTICAL SURVEY NOTES

12

GSI AREA Barrow STATE/COUNTY ALASKA BOOK NO. 3 PAGE 617 OF
 LINE/LOOP NO. 667 TYPE SURVEY CLIENT HUSKY NPL DATE 28 BY 4 MO 29 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		
				SLOPE	HORIZ					INST				ROD	
1									11.9				1		
2		S.P. 104	3520			89 58 10	15.0		-12.9		-1.0			2	
3		105	4400			89 58 50	9.0		-7.3		4.6			3	
4			✓			270 00 50	9.0							4	
5														5	
6		105	4400			90 12 10	9.0		+24.4	29.0				6	
7			✓			269 47 30	9.0							7	
8		106	3520			90 13 10	9.0		-22.2		6.8			8	
9		107	2640			90 17 40	9.0		-22.4		6.6			9	
10		108	1760			90 17 40	15.0		-24.0		5.0			10	
11		109	880			89 55 50	9.0		-7.9		21.1			11	
12		110	0			90 —	5.0		-5.0		24.0			12	
13		111	880			90 13 00	9.0		-12.3		16.7			13	
14		112	1760			90 06 10	9.0		-12.1		16.9			14	
15		113	2640			90 01 40	9.0		-10.1		18.9			15	
16		114	3520			90 02 10	9.0		-11.0		18.0			16	
17														17	

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HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA B. Allow STATE/COUNTY ALASKA BOOK NO. 3 PAGE 618 OF
 LINE/LOOP NO. 667 TYPE SURVEY CLIENT Husky NPL DATE 28 BY 4 MO 29 YR
 SURVEYOR T. SPERRILL 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					ROD
1									29.0				1		
2		S.P. 115	4400		90 01 30	907		-10.8		18.2			2		
3			✓		269 58 00	90							3		
4													4		
5		115	4400		89 58 00	907		+6.3	24.5				5		
6			✓		270 01 40	90							6		
7		116	3520		89 56 50	90		-5.5		19.0			7		
8		117	2640		89 57 50	90		-7.2		17.3			8		
9		118	1760		89 55 00	90		-6.4		18.1			9		
10		119	880		89 54 40	90		-7.6		16.9			10		
11		120	0		90 —	50		-5.0		19.5			11		
12		121	880		89 45 20	90		-5.2		19.3			12		
13		122	1760		89 47 00	90		-2.3		22.2			13		
14		123	2640		89 51 30	90		-2.3		22.2			14		
15		123 + 550	5190		90 01 20	907		-10.3		14.2			15		
16			✓		269 58 10	90							16		
17													17		

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HORIZONTAL AND VERTICAL SURVEY NOTES

14

GSI AREA Barrow STATE/COUNTY ALASKA BOOK NO. 3 PAGE 619 OF
 LINE/LOOP NO. 667 TYPE SURVEY CLIENT Husky N/A DATE 28 BY 4 MO 29 YR
 SURVEYOR T. SHARILL INSTRUMENT DESC/SERIAL NO. CREW NO. 1182

LINE	△ ⊕ SS ⊙	STATION	VERTICAL						ELEVATION		HORIZONTAL		REMARKS
			DISTANCE	<input checked="" type="checkbox"/> FEET	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	INST	ROD	L/R OR DI	RIGHT TURNED HORIZONTAL ANGLE	
				<input type="checkbox"/> METERS									
1													1
2	△	123 + 550	3830		89 47 10	9.0		-5.4	8.8				2
3	△	✓			270 12 20	9.0							3
4		124	3520		89 53 50	9.0		-2.4					4
5		125	2640		89 52 20	9.0		-3.0					5
6		126	1760		89 47 40	9.0		-2.6					6
7		127	880		89 36 10	9.0		-2.9					7
8	⊕	128	0		90 —	5.0		-5.0					8
9		129	880		89 49 00	9.0		-6.2					9
10		130	1760		89 47 50	9.0		-2.7					10
11		131	2640		89 46 40	9.0		+1.4					11
12		132	3520		89 51 30	9.0		-0.4					12
13	⊙	133	4400		89 51 30	9.0		+2.0					13
14	⊙	✓			270 08 00	9.0							14
15													15
16	△	133	4400		89 56 00	9.0		+3.7	14.5				16
17	△	✓			270 03 40	9.0							17

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







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HORIZONTAL AND VERTICAL SURVEY NOTES

15

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 3 PAGE 620 OF
 LINE/LOOP NO. 667 TYPE SURVEY CLIENT HUSKY MR DATE 28 BY 4 MO 79 YR
 SURVEYOR T. STELLER INSTRUMENT DESC/SERIAL NO. CREW NO. 1182

LINE	   	STATION	VERTICAL							HORIZONTAL		REMARKS		
			DISTANCE	<input type="checkbox"/> FEET <input checked="" 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												1		
2		S.P. 134	3520		89 54 50	90	-3.5		11.0			2		
3		135	2640		89 52 10	90	-2.8		11.7			3		
4		136	1760		89 54 30	90	-6.1		8.4			4		
5		137	880		89 45 30	90	-5.3		9.2			5		
6		138	0		90 ←	5.0	-5.0		9.5			6		
7		139	880		89 44 40	90	-5.1		9.4			7		
8		140	1760		89 46 40	90	-2.1		12.4			8		
9		141	2640		89 51 00	90	-2.0		12.5			9		
10		142	3520		89 55 00	90	-3.6		10.9			10		
11		143	4400		89 59 40	90?	-5.8		8.7			11		
12			✓		270 02 00	90?						12		
13												13		
14		143	3520		89 58 40	110? (110)	+9.6		18.3			14		
15			✓		270 00 50	110? (110)						15		
16		144	2640		89 57 50	110	-9.2		9.1			16		
17		145	1760		89 48 20	90	-3.0		15.3			17		

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HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BALDOW STATE/COUNTY ALASKA BOOK NO. 3 PAGE 621 OF
 LINE/LOOP NO. 667 TYPE SURVEY CLIENT Husky NAR DATE 28 BY 4 MO 79 YR
 SURVEYOR T. STELLER 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
				SLOPE 					HORIZ 	INST			
1									18.3			1	
2		S.P. 141	880		89 33 20	9.0	-2.2		16.1			2	
3		S.P. 147 S.P. 90	0		90 —	5.0	-5.0					3	
4		S.P. 90-L-77(195)	705		89 39 50	9.0	-4.9		13.4			4	
5	⊗	147	0		90 —	5.0	-5.0		13.3			5	
6		148	880		90 33 20	9.0	-12.5		5.8			6	
7		LAKE	2640		90 09 40	10.0	-17.5		0.8			7	
8			✓		103 49 50	10.0						8	
9												9	
10												10	
11												11	
12	A	LAKE	3650		90 01 30	9.0	+10.6		11.4			12	
13	B		✓		267 58 00	9.0						13	
14	⊗	T.P. 1	0		90 —	5.0	-5.0		6.4			14	
15	⊙	TESHEKUK	3700		90 01 20	9.0	-10.4		1.0			15	
16	⊙	LAKE	✓		169 58 10	9.0			0.0 = TESHEKUK			16	
17												17	

+ 1.0

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