

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 69 OF _____
 LINE/LOOP NO. 705 TYPE SURVEY _____ CLIENT Hucky DATE 22 DY 1 MO 80 YR
 SURVEYOR A. Pendleton INSTRUMENT DESC/SERIAL NO. _____ CREW NO. 1182

LINE	 	STATION	VERTICAL						ELEVATION		L/R OR D/I	RIGHT TURNED HORIZONTAL ANGLE	LINE	REMARKS
			DISTANCE	<input type="checkbox"/> FEET <input type="checkbox"/> METERS	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	INST	ROD				
			SLOPE 	HORIZ 										
1									191.4		80300	1		
2		80300	2000			89 30 34	11.4	-5.7	185.7			2		
3		80300	✓			270 29 09	11.4					3		
4		58+520	0			90 —	5.0	-5.0		180.7	39 58+520 =	4	SP 70 + 557.1 - 710	
5		58	520			88 40 05	11.4	10.7		186.4		5		
6		58+495	1395			89 36 47	11.4	-2.4		183.3		6		
7		57+495	✓			270 22 40	11.4					7		
8												8		
9		57+495	3135			89 42 38	11.4	-4.5	178.7			9		
10		57+495	✓			270 17 04	11.4					10		
11		58	2640			89 42 40	11.4	+2.1		180.8		11		
12		50	1320			89 32 35	11.4	-0.8		177.9		12		
13		55	0			90 —	5.0	-5.0		173.7		13		
14		54	1320			89 45 40	11.4	-5.9		172.8		14		
15		53	2640			89 47 50	11.4	-1.9		176.8		15		
16		52	3960			89 44 36	11.4	+6.5		185.2		16		
17		52	✓			270 15 10	11.4					17		

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

HORIZONTAL AND VERTICAL SURVEY NOTES

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GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 69 OF _____
 LINE/LOOP NO. 705 TYPE SURVEY _____ CLIENT Husky DATE 22 DY 1 MO 20 YR
 SURVEYOR A. Pendleton 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 DI	HORIZONTAL RIGHT TURNED HORIZONTAL ANGLE	LINE	REMARKS	
			DISTANCE	<input type="checkbox"/> FEET <input type="checkbox"/> METERS		VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	INST					ROD
				SLOPE 	HORIZ 										
1													1		
2	Δ	SP 52	3960		89 31 33	11.4	-21.4	163.6					2		
3	Δ	52	✓		290 28 00	11.4	-0.5						3		
4		51	2640		89 46 00	11.4	-0.5		163.1				4		
5		50	1320		89 43 03	11.4	-4.9		158.7				5		
6	π	49	0		90 —	5.0	-5.0		158.6				6		
7		48	1320		90 09 10	11.4	-14.9		148.7				7		
8		47	2640		90 13 50	11.4	-21.9		141.7				8		
9	⊙	46	3960		90 09 20	11.4	-21.9		141.7				9		
10	⊙	46	✓		269 50 32	11.4							10		
11													11		
12	Δ	46	3960		89 53 30	11.4	+3.8	145.2					12		
13	Δ	46	✓		270 06 12	11.4							13		
14		45	2640		89 52 20	11.4	-5.4		139.8				14		
15		44	1320		90 57 10	11.4	-31.0		114.2				15		
16	π	43	0		90 —	5.0	-5.0		140.2				16		
17		42	1320		89 24 00	11.4	+2.5		147.7				17		

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

HORIZONTAL AND VERTICAL SURVEY NOTES

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GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 66 OF _____
 LINE/LOOP NO. 705 TYPE SURVEY _____ CLIENT Husky DATE 22 BY 1 MO 00 YR _____
 SURVEYOR A. Pendleton INSTRUMENT DESC/SERIAL NO. _____ CREW NO. 1102

LINE	<input type="checkbox"/> Δ <input type="checkbox"/> SS <input type="checkbox"/> ⊙	STATION	VERTICAL						ELEVATION		L/R OR DI	RIGHT TURNED HORIZONTAL ANGLE	LINE	REMARKS	
			DISTANCE	<input type="checkbox"/> FEET <input type="checkbox"/> METERS		VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	INST					ROD
				SLOPE	HORIZ										
1												1			
2	⊙	SP 41	2640		89 45 15	11.4	+0.2	145.2	145.4			2			
3	⊙	41	✓		270 14 31	11.4						3			
4												4			
5	Δ	41	2640		89 57 28	11.4	+9.5	154.7				5			
6	Δ	41	✓		220 02 08	11.4						6			
7		40	1320		89 53 00	11.4	-8.7		146.0			7			
8	⊗	39	0		90 —	5.0	-5.0		149.7			8			
9		38	1320		89 36 00	11.4	-2.2		152.5			9			
10	⊙	37	2640		89 57 15	11.4	-9.3		145.4			10			
11	⊙	37	✓		220 02 18	11.4						11			
12												12			
13	Δ	37	2640		89 38 00	11.4	-5.5	139.9				13			
14	Δ	37	✓		270 21 35	11.4						14			
15		36	1320		89 29 10	11.4	6.5		140.4			15			
16	⊗	35	0		90 —	5.0	-5.5		134.9			16			
17		34	1320		89 44 30	11.4	-5.4		134.5			17			

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

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 67 OF _____
 LINE/LOOP NO. 705 TYPE SURVEY _____ CLIENT Husky DATE 22 DY 1 MO 80 YR
 SURVEYOR A. Pendleton INSTRUMENT DESC/SERIAL NO. _____ CREW NO. 1182

LINE	<input type="checkbox"/> Δ <input type="checkbox"/> SS <input type="checkbox"/> ⊙	STATION	VERTICAL						ELEVATION		LR OR DR	RIGHT TURNED HORIZONTAL ANGLE	LINE	REMARKS
			DISTANCE		VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	INST	ROD				
			SLOPE	HORIZ										
1									139.9			1		
2	⊙	5 P 33+1187	1453		89.43 27	11.4		-4.4		136.0		2		
3	⊙	33+1187	✓		270.16 23	11.4				135.5	* 80299	3		
4										+ 5	= Mistie	4		
5												5		
6												6		
7												7		
8												8		
9												9		
10												10		
11												11		
12												12		
13												13		
14												14		
15												15		
16												16		
17												17		

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

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 68 OF _____
 LINE/LOOP NO. 705 TYPE SURVEY _____ CLIENT Husky DATE 22 DY 1 MO 80 YR
 SURVEYOR A. Pendleton 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 DI		RIGHT TURNED HORIZONTAL ANGLE	LINE
				SLOPE					HORIZ	INST				
1			3827						135.5	=	802.99	1		
2	Δ	SP 33+1187	2993		89 50 10	11.4						2		
3	Δ	33+1187	✓		270 09 27	11.4						3		
4		33	2640		89 56 30	11.4						4		
5		32	1320		90 26 70	11.4						5		
6	π	31	0		90 —	5.0						6		
7		30	1320		89 51 30	11.4						7		
8		29	2640		90 09 40	11.4						8		
9	\odot	28	3960		90 00 50	11.4						9		
10	\odot	28	✓		269 59 15	11.4						10		
11												11		
12	Δ	28	2640		90 14 08	11.4						12		
13	Δ	28	✓		269 45 30	11.4						13		
14		27	1320		90 05 40	11.4						14		
15	π	26	0		90 —	5.0						15		
16		25	1320		89 49 40	11.4						16		
17												17		

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

VERTICAL AND HORIZONTAL SURVEY NOTES

GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 69 OF _____
 LINE/LOOP NO. 705 TYPE SURVEY _____ CLIENT Husky DATE 22 DY 1 MO 80 YR
 SURVEYOR A. Pendleton INSTRUMENT DESC/SERIAL NO. _____ CREW NO. 1182

LINE	 	STATION	VERTICAL						ELEVATION		LR OR DR	RIGHT TURNED HORIZONTAL ANGLE	LINE	REMARKS	
			DISTANCE	<input type="checkbox"/> FEET <input type="checkbox"/> METERS		VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	INST					ROD
				SLOPE	HORIZ										
1													1		
2		SP 24	2640			89 50 20	11.4						2		
3		24	✓			270 09 25	11.4						3		
4													4		
5		24	1320			89 32 00	11.4						5		
6		24	✓			270 27 50	11.4						6		
7		23	0			90 —	5.0						7		
8		22	1320			89 59 30	11.4						8		
9		21	2640			90 07 39	11.4						9		
10		21	✓			269 52 12	11.4						10		
11													11		
12													12		
13													13		
14													14		
15													15		
16													16		
17													17		

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 = SIDESHOT = FORESIGHT

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 70 OF _____
 LINE/LOOP NO. 705 TYPE SURVEY _____ CLIENT Husky DATE 22 BY 1 MO 80 YR _____
 SURVEYOR A. Pendleton 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 DI	RIGHT TURNED HORIZONTAL ANGLE	LINE	REMARKS
			DISTANCE		VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	INST	ROD				
			SLOPE	HORIZ										
1												1		
2	Δ	SP 21	2640		89 46 20	11.4						2		
3	Δ	21	✓		270 13 42	11.4						3		
4	⊥	19	0		90 —	5.0						4		
5		20	1320		90 07 10	11.4						5		
6		18	1320		90 06 00	11.4						6		
7		17	2640		90 06 40	11.4						7		
8	⊙	16 + 1294	2666		90 07 00	11.4			109.5			8		
9	⊙	✓	✓		269 52 34	11.4			108.1	=	80298	9		
10									± 1.4	=	Mistie	10		
11												11		
12												12		
13												13		
14												14		
15												15		
16												16		
17												17		

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

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 71 OF _____
 LINE/LOOP NO. 705 TYPE SURVEY _____ CLIENT Husky DATE 24 DY 1 MO 80 YR
 SURVEYOR A. Pendleton 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		L/R OR DI		RIGHT TURNED HORIZONTAL ANGLE
				SLOPE 					HORIZ 	INST			
1													
2	A	80297	2300		89 40 24	11.4			121.3	123.1	"	80297	1
3	A	80297	✓		270 14 13	11.4							2
4	T	TP 1	0		90 00 00	5.0							3
5	⊙	TP 2	2340		89 42 05	11.4							4
6	⊙	TP 2	✓		270 17 37	11.4				122.1			5
7													6
8	A	TP 2	2460		89 55 30	11.4							7
9	A	TP 2	✓		270 04 33	11.4			130.1				8
10	T	TP 3	0		90 —	5.0							9
11	⊙	T.S. 6	1740		90 11 18	11.4							10
12	⊙	6	✓		269 48 40	11.4				114.8			11
13													12
14	A	T.S. 6	2850		89 36 50	11.4							13
15	A	6	✓		270 22 40	11.4			106.3				14
16		T.S. 5	1320		89 41 00	11.4				102.2			15
17													16

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

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 72 OF _____
 LINE/LOOP NO. 205 TYPE SURVEY _____ CLIENT Husky DATE 24 DY 1 MO 80 YR
 SURVEYOR A. Pendleton 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			L/R OR DI	RIGHT TURNED HORIZONTAL ANGLE	LINE
				SLOPE	HORIZ					INST	ROD				
1													1		
2		T.S. 4	165			90 47 40	11.4			92.6				2	
3	<input checked="" type="checkbox"/>	T.P. 1	0			90 —	5.0							3	
4	<input checked="" type="checkbox"/>	T.S. 3	1170			89 07 26	11.4					112.7		4	
5	<input checked="" type="checkbox"/>	T.S. 3	✓			270 52 20	11.4							5	
6														6	
7	<input checked="" type="checkbox"/>	T.S. 3	2640			89 32 20	11.4			102.8				7	
8	<input checked="" type="checkbox"/>	T.S. 3	✓			270 27 37	11.4					1		8	
9		T.S. 2	1320			89 28 40	11.4					103.4		9	
10	<input checked="" type="checkbox"/>	T.S. 1	0			90 —	5.0					97.8		10	
11		SP. 1	1320			90 02 28	11.4							11	
12	<input checked="" type="checkbox"/>	2	2640			90 09 16	11.4							12	
13	<input checked="" type="checkbox"/>	2	✓			269 49 50	11.4							13	
14														14	
15	<input checked="" type="checkbox"/>	2	3960			89 27 05	11.4							15	
16	<input checked="" type="checkbox"/>	2	✓			270 32 27	11.4							16	
17	<input checked="" type="checkbox"/>	5	266			90 —	5.0							17	

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

VERTICAL AND HORIZONTAL SURVEY NOTES

10

GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 78 OF _____
 LINE/LOOP NO. 705 TYPE SURVEY _____ CLIENT Husky DATE 24 DY 1 MO 80 YR
 SURVEYOR A. Pendleton INSTRUMENT DESC/SERIAL NO. _____ CREW NO. 1182

LINE	 	STATION	VERTICAL						ELEVATION		L/R OR DI	RIGHT TURNED HORIZONTAL ANGLE	LINE	REMARKS	
			DISTANCE	<input type="checkbox"/> FEET <input type="checkbox"/> METERS		VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	INST					ROD
				SLOPE	HORIZ										
1													1		
2		3	2640		89 23 50	11.4							2		
3		4	1320		89 17 45	11.4							3		
4		6	1320		89 04 50	11.4							4		
5		7	2640		90 26 50	11.4							5		
6		8	3960		89 51 30	11.4							6		
7		8	✓		270 08 35	11.4							7		
8													8		
9		8	2640		90 25 45	11.4							9		
10		8	✓		269 33 50	11.4							10		
11		10	0		90 —	5.0							11		
12		9	1320		90 18 10	11.4							12		
13		11	1320		89 37 25	11.4							13		
14		12	2640		89 39 10	11.4							14		
15		12	✓		270 21 15	11.4							15		
16													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 Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 174 OF _____
 LINE/LOOP NO. 205 TYPE SURVEY _____ CLIENT Hushy DATE 24 DY 1 MO 80 YR
 SURVEYOR A. Pearlston 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 DI	HORIZONTAL RIGHT TURNED HORIZONTAL ANGLE	LINE	REMARKS
			DISTANCE		VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	INST	ROD				
			SLOPE 	HORIZ 										
1												1		
2	Δ	SP 12	3960		89 51 47	11.4						2		
3	Δ	12	✓		270 08 10	11.4						3		
4	π	15	0		90 —	5.0		94.15	89.15			4		
5		18	2640		90 12 00	11.4						5		
6		14	1320		91 13 40	11.4						6		
7		16	1320		89 17 40	11.4						7		
8	⊙	16 + 1294	2614		89 30 30	11.4	+22.4	+11.0	105.15			8		
9	⊙	16 + 1294	✓		270 29 30	11.4			108.1		80298	9		
10												10		
11												11		
12												12		
13												13		
14												14		
15												15		
16												16		
17												17		

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

VERTICAL AND HORIZONTAL SURVEY NOTES

12

GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 25 OF _____
 LINE/LOOP NO. 705 TYPE SURVEY _____ CLIENT Husky DATE 25 DY 1 MO 80 YR
 SURVEYOR Pendleton INSTRUMENT DESC/SERIAL NO. _____ CREW NO. 1182

LINE	△ ↗ SS ⊙	STATION	VERTICAL						HORIZONTAL			REMARKS		
			DISTANCE		VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	ELEVATION		LR OR DI		RIGHT TURNED HORIZONTAL ANGLE	LINE
			SLOPE	HORIZ					INST	ROD				
1												1		
2	△	58+520	3440		89 24 10	11.4							2	
3	△				290 35 43	11.4							3	
4	π	61	0		90 —	11.4							4	
5		57	3523		89 24 39	11.4						L-710 58 71	5	
6		59	2640		89 31 00	11.4							6	
7		60	1320		89 42 10	11.4							7	
8		62	1320		89 32 00	11.4							8	
9		63	2640		89 46 30	11.4							9	
10	⊙	64	3960		89 43 46	11.4							10	
11	⊙	64	v		290 16 10	11.4							11	
12													12	
13	△	64	2640		90 14 05	11.4							13	
14	△	64	v		269 45 44	11.4							14	
15	π	66	0		90 —	5.0							15	
16		65	1320		89 59 30	11.4							16	
17		67	1320		89 37 30	11.4							17	

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

VERTICAL AND HORIZONTAL SURVEY NOTES

13

GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 76 OF _____
 LINE/LOOP NO. 705 TYPE SURVEY _____ CLIENT Husky DATE 25 BY 1 MO 80 YR
 SURVEYOR Pendleton INSTRUMENT DESC/SERIAL NO. _____ CREW NO. 1182

LINE	<input type="checkbox"/> Δ <input type="checkbox"/> SS <input type="checkbox"/> ⊙	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													1		
2	⊙	68	2640			89 58 23	11.4							2	
3	⊙	68				270 08 27	11.4							3	
4														4	
5	Δ	68	3960			89 49 10	11.4							5	
6	Δ	68	3960			270 10 18	11.4							6	
7	⊕	71	0			90 —	5.0							7	
8		69	2640			89 48 50	11.4							8	
9		70	1320			89 36 46	11.4							9	
10		72	1320			90 02 50	11.4							10	
11		73	2640			89 51 40	11.4							11	
12	⊙	74	3960			89 51 22	11.4							12	
13	⊙					270 08 48	11.4							13	
14														14	
15	Δ	74	3960			89 57 07	11.4							15	
16	Δ					270 02 44	11.4							16	
17	⊕	77	0				5.0							17	

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

HORIZONTAL AND VERTICAL SURVEY NOTES

14

GSI AREA WAINWRIGHT STATE/COUNTY AK BOOK NO. _____ PAGE 77 OF _____
 LINE/LOOP NO. 705 TYPE SURVEY _____ CLIENT Husky DATE 25 DY 01 MO 80 YR
 SURVEYOR PENDLETON WARSADP INSTRUMENT DESC/SERIAL NO. _____ CREW NO. 1187

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			L/R OR DI	RIGHT TURNED HORIZONTAL ANGLE
				SLOPE	HORIZ					INST	ROD			
1		75	2640		89 47 03	11.4							1	
2		76	1320		89 33 00	11.4							2	
3		77 ⁸	1320		89 57 15	11.4							3	
4	⊙	789	2640		90 18 ⁴ 28 ⁸	11.4							4	
5	⊙				269 45 36	11.4							5	
6													6	
7	Δ	79	3960		90 00 42	11.4							7	
8	Δ				269 58 46	11.4							8	
9	π	82	0		90 —	5.4							9	
10		80	2640		90 24 63	11.4							10	
11		81	1320		90 42 46	11.4							11	
12		83	1320		89 48 24	11.4							12	
13		84	2640		89 57 15	11.4							13	
14	⊙	84 + 254	2894		89 57 56	11.4				167.0			14	
15	⊙				270 01 48	11.4				167.7 =	80301		15	
16										5.7 =	Mistie		16	
17													17	

TI-234718

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

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 78 OF _____
 LINE/LOOP NO. 705 TYPE SURVEY _____ CLIENT Husky DATE 25 DY 1 MO 80 YR
 SURVEYOR Worsnap & Pendleton 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 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															
2	Δ	3P 84+254	4201		90 05 00	11.4				167.7		80301	1		
3	Δ				269 54 52	11.4							2		
4	⊗	87 + 495	0		90 —	5.4							3		
5		85	3135		90 20 09	11.4							4		
6		86	1815		91 05 45	11.4							5		
7		87	495		91 39 03	11.4							6		
8		88	825		88 51 38	11.4							7		
9	⊙	89	2145		89 37 48	11.4							8		
10	⊙				970 26 52	11.4							9		
11													10		
12	Δ	89	4455		89 39 43	11.4							11		
13	Δ				270 20 00	11.4							12		
14	⊗	92+495	0		90 —	5.4							13		
15		90	3135		90 24 08	11.4							14		
16		91	1815		91 28 55	11.4							15		
17		92	495		90 49 40	11.4							16		

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

VERTICAL AND HORIZONTAL SURVEY NOTES

GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 79 OF _____
 LINE/LOOP NO. 705 TYPE SURVEY _____ CLIENT Husky DATE 25 DY 1 MO 90 YR
 SURVEYOR A. Pendleton INSTRUMENT DESC/SERIAL NO. _____ CREW NO. 1182

LINE	 	STATION	VERTICAL						ELEVATION		L/R OR DI	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
1													1		
2		93	825			89 57 16	11.4						2		
3		94	2145			96 02 33	11.4						3		
4		95	3465			90 01 58	11.4						4		
5		96	4785			89 47 32	11.4						5		
6		96+975	5760			89 41 44	11.4			194.9			6		
7						270 17 57	11.4			193.9	= 80302		7		
8										= 1.0	= Mistie		8		
9		96+975	4921.45			89 24 25	11.4		174.4				9		
10			2985			270 35 00	11.4						10		
11		99	0			89 21 45	11.4						11		
12		97	2640			89 21 45	11.4						12		
13		98	1320			89 29 10	11.4						13		
14		100	1320			90 05 45	11.4						14		
15		101	2640			90 05 00	11.4						15		
16		102	3960			90 03 50	11.4			158.7			16		
17						269 55 47	11.4						17		

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HORIZONTAL AND VERTICAL SURVEY NOTES

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GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 80 OF _____
 LINE/LOOP NO. 705 TYPE SURVEY _____ CLIENT Husky DATE 25 BY 1 MO 80 YR
 SURVEYOR Pendleton 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												1		
2		SP 102	4210		89 55 44	11.4			164.8			2		
3					290 03 44	11.4						3		
4		105+ 256	0		90 —	5.9						4		
5		103	2890		89 54 10	11.4						5		
6		104	1570		89 44 30	11.4						6		
7		105	250		88 46 46	11.4						7		
8		T.S. 1	1070		89 49 10	11.4			156.8			8		
9		T.S. 2	2390		90 11 30	11.4			145.6			9		
10		T.S. 3	3910		90 13 10	11.4			139.5			10		
11		T.S. 4	5030		90 04 35	11.4			147.3			11		
12		T.S. 5	6350		90 02 15	11.4			150.1			12		
13		T.S. 6	7670		90 04 46	11.4			144.2			13		
14		80303	0		90 —	5.9			158.9			14		
15					290 —	5.9			160.2	=	80303	15		
16									± 1.3			16		
17												17		

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