

VERTICAL AND HORIZONTAL SURVEY NOTES

GSI AREA Vainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 47 OF _____
 LINE/LOOP NO. 710 TYPE SURVEY _____ CLIENT Husky DATE 20 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											=	80349	1	= SP 2	
2		80349	5280		89 40 40	114	-18.2	7.5					2		
3		80349	↓		270 18 25	114							3		
4		SP 1	3960		89 54 50	114	-5.1		2.4				4		
5		TS 1	2640		89 52 30	114	-5.5		2.0				5		
6		2	1320		89 43 55	114	-5.2		2.3				6		
7		3	0		90 —	5.0	-5.0		2.5				7		
8		4	1320		89 44 26	114	-5.4		2.1				8		
9		5	2640		89 52 10	114	-5.2		2.3				9		
10		6	3960		89 52 50	114	-2.8		4.7				10		
11													11		
12													12		
13													13		
14													14		
15													15		
16													16		
17													17		

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VERTICAL AND HORIZONTAL SURVEY NOTES

GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 48 OF _____
 LINE/LOOP NO. 710 TYPE SURVEY _____ CLIENT Husky DATE 20 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		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	SP 2	3960		89 58 40	114	+6.8	32.4		25.7		80349	1	= SP 2	
3	Δ	SP2	✓		270 03 40	114							2		
4		3	2640		89 58 20	114	-10.0			27.4			3		
5		4	1320		89 03 40	114	+10.3			42.7	✓		4		
6	π	5	0		90 —	5.0	-5.0			27.4			5		
7	⊙	6	1320		88 30 55	11.4	+22.8			55.2			6		
8	⊙	6	✓		289 29 00	114							7		
9					271								8		
10	Δ	6	1320		89 56 02	114	+9.9	64.6					9		
11	Δ	6	✓		270 03 47	114							10		
12	π	7	0		90 —	5.0	-5.0			59.6			11		
13		8	1320		90 23 30	114	-20.4			44.2			12		
14		9	2640		90 14 10	11.4	-22.1			42.5			13		
15		9+384	3024		90 13 35	114	-23.3			41.3			14	SP 9+384 L-710=	
16		SP 2 L-701	3048		90 13 30	114	-23.2			41.4			15	SP 2+385 L-701	
17													16		

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VERTICAL AND HORIZONTAL SURVEY NOTES

GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 49 OF _____
 LINE/LOOP NO. 710 TYPE SURVEY _____ CLIENT Husky DATE 20 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 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 10	396.0		90 08 30	11.4		-20.9		43.7			2	
3	⊙	SP 10	✓		269 51 26	11.4							3	
4													4	
5	Δ	SP 10	2145		90 29 15	11.4		+26.5	70.2				5	
6	Δ	SP 10	✓		269 35 21	11.4							6	
7		H	825		90 09 50	11.4		-13.8		56.4			7	
8	⊖	11 + 825	0		90 —	5.0		-5.0		65.2			8	
9		12	495		89 02 10	11.4		-3.1		67.1			9	
10	⊙	12 + 825	2145		89 51 40	11.4		-8.2		62.0			10	
11	⊙	12 + 825	1320 ✓		270 08 10	11.4							11	
12													12	
13	Δ	12 + 825	1815		89 39 23	11.4		+0.6	62.3				13	
14	Δ	12 + 825	✓		270 20 08	11.4							14	
15		13	1320		90 02 10	11.4		-12.2		50.1			15	
16	⊖	14	0		96 —	5.0		-5.0		57.3			16	
17		15	1320		88 39 30	11.4		-19.5		42.8			17	

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HORIZONTAL AND VERTICAL SURVEY NOTES

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GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 56 OF _____
 LINE/LOOP NO. 710 TYPE SURVEY _____ CLIENT Husky DATE 21 DY 1 MO 80 YR
 SURVEYOR A. Pendleton INSTRUMENT DESC/SERIAL NO. _____ CREW NO. 1182

LINE	 	STATION	VERTICAL						ELEVATION		HORIZONTAL		REMARKS	
			DISTANCE	<input type="checkbox"/> FEET <input type="checkbox"/> METERS	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	INST	ROD	L/R OR DI	RIGHT TURNED HORIZONTAL ANGLE		LINE
				SLOPE 										
1									62.3			1		
2		SP 15+513	1833		88 49 23	11.4		+26.3		89.4		2		
3		15+513	✓		271 20 73	11.4				88.6	= 80328	3	= SP 15+513	
4										± .8	= 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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HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 51 OF _____
 LINE/LOOP NO. 710 TYPE SURVEY _____ CLIENT Husky DATE 20 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		LR OR DI		RIGHT TURNED HORIZONTAL ANGLE	LINE
				SLOPE					HORIZ	INST				
1									88.6	=	80328	1	SP 15 + 513 L-710-	
2	Δ	SP 15 + 513	3960		89 34 54	11.4	-17.7	72.2				2	SP 18 + 404 L-DIXE	
3	Δ	SP 15 + 513	✓		270 24 50	11.4			85.3			3		
4		18	3980		89 29 40	11.4	+13.1		85.3		SP 18 L-DIXE	4		
5		16	2690		89 25 40	11.4	+15.1		87.3			5		
6		17	1320		89 10 45	11.4	+7.6		79.8			6		
7	*	18	0		90 —	5.0	-5.0		67.2			7		
8		19	1320		90 39 30	11.4	-26.5		45.7			8		
9		20	2640		90 08 25	11.4	-17.7		54.5			9		
10	⊙	21	3960		89 52 52	11.4	-2.9		69.3			10		
11	⊙	21	✓		270 07 02	11.4						11		
12												12		
13	Δ	21	2640		90 26 10	11.4	+31.5	102.2				13		
14	Δ	21	✓		269 33 30	11.4						14		
15		22	1320		90 03 40	11.4	-12.8		89.4			15		
16	⊙	23	0		90 —	5.0	-5.0		97.2			16		
17		24	1320		89 46 00	11.4	-6.0		96.2			17		

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HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 52 OF _____
 LINE/LOOP NO. 710 TYPE SURVEY _____ CLIENT Husky DATE 26 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		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									102.2			1		
2		SP 25	2140		90 09 40	11.4		-18.7	83.5			2		
3		26	3960		89 57 00	11.4		-7.6	94.6			3		
4	⊙	26 + 513	4473		89 58 29	11.4		-8.9	90.5			4		
5	⊙	26 + 513	4473		270 01 32	11.4			93.3 = 80.338			5	= 26 + 513	
6									± 2.8 = Mistie			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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VERTICAL AND HORIZONTAL SURVEY NOTES

GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 53 OF _____
 LINE/LOOP NO. 710 TYPE SURVEY _____ CLIENT Husky DATE 20 DY 1 MO 80 YR
 SURVEYOR A. Pendleton 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	LR OR DI	RIGHT TURNED HORIZONTAL ANGLE		LINE
1									93.3	"	80338	1	= SP 26+513	
2		SP 26+513	3447		89 20 51	11.4	-27.8	65.5				2		
3		26+513	✓		270 38 35	11.4						3		
4		29	2640		89 20 20	11.4	-19.2		416.3			4		
5		2A	1320		89 49 10	11.4	-7.2		58.3			5		
6		29	0		90 —	5.0	-5.0		60.5			6		
7		30	1320		91 28 50	11.4	-45.5		20.0			7		
8		31	2640		89 45 10	11.4	+0.1		65.6			8		
9		32	3960		89 33 06	11.4	+19.8		85.3			9		
10		32	✓		270 26 40	11.4						10		
11												11		
12		32	3960		89 28 00	11.4	+25.7	59.5				12		
13		32	✓		270 31 50	11.4						13		
14		33	2640		89 34 10	11.4	+8.6		68.1			14		
15		34	1320		89 56 10	11.4	-9.9		49.6			15		
16		35	0		90 —	5.0	-5.5		54.0			16		
17		36	1320		89 42 30	11.4	-4.6		54.9			17		

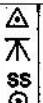












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HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 54 OF _____
 LINE/LOOP NO. 710 TYPE SURVEY _____ CLIENT Husky DATE 20 DY 1 MO 80 YR
 SURVEYOR A. 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			LR OR DR	RIGHT TURNED HORIZONTAL ANGLE	LINE
				SLOPE 	HORIZ 					INST	ROD				
1													1		
2		SP 37	2640			89 39 20	11.4	+4.6		59.5			2		
3		38	3960			89 34 50	11.4	+17.8					3		
4		38				270 24 54	11.4						4		
5													5		
6		38	3960			90 04 ³⁰ 00	11.4	+16.7		92.1			6		
7		38	✓			269 58 00	11.4						7		
8		39	2640			90 28 00	11.4	-32.8				61.3	8		
9		40	1320			90 14 10	11.4	-16.8				77.3	9		
10		41	0			90 —	5.0	-5.0				89.1	10		
11		42	1320			90 20 20	11.4	-19.2				74.9	11		
12		43	2640			90 07 50	11.4	-17.3				76.8	12		
13		44	3960			90 01 40	11.4	-13.1				81.0	13		
14		44	✓			269 58 10	11.4						14		
15													15		
16		44	2640			90 14 05	11.4	+22.2		103.1			16		
17		44	✓			269 45 40	11.4						17		

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VERTICAL AND HORIZONTAL SURVEY NOTES

GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 55 OF _____
 LINE/LOOP NO. 710 TYPE SURVEY _____ CLIENT Husky DATE 20 DY 1 MO 80 YR
 SURVEYOR A. 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		L/R OR DI		RIGHT TURNED HORIZONTAL ANGLE	LINE
			SLOPE	HORIZ					INST	ROD				
1												1		
2		45	1320		90 11 50	11.4	-15.9		87.2			2		
3	π	46	0		90 —	5.0	-5.0		98.1			3		
4		47	1320		90 04 40	11.4	-13.2		89.9			4		
5		48	2640		90 06 50	11.4	-16.5		86.6			5		
6	⊙	49	3960		90 02 56	11.4	-14.8		88.3			6		
7	⊙	49	✓		269 56 20	11.4						7		
8					05 40							8		
9	△	49	3960		90 08 50	11.4	+17.6	105.9				9		
10	A	49	✓		269 54 23	11.4						10		
11		50	2640		90 01 30	11.4	-12.4		93.5			11		
12		51	1320		90 01 10	11.4	-11.8		94.1			12		
13	π	52	0		90 —	5.0	-5.0		100.9			13		
14		53	1320		90 20 30	11.4	-19.2		86.7			14		
15		54	2640		89 50 50	11.4	-4.2		101.7			15		
16	⊙	55	3960		89 54 00	11.4	-4.4		101.5			16		
17	⊙	✓	✓		276 05 40	11.4						17		

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VERTICAL AND HORIZONTAL SURVEY NOTES

GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 56 OF _____
 LINE/LOOP NO. 710 TYPE SURVEY _____ CLIENT Musky DATE 20 DY 1 MO 00 YR
 SURVEYOR Andrew Pendleton INSTRUMENT DESC/SERIAL NO. _____ CREW NO. 1182

LINE	 	STATION	VERTICAL						ELEVATION		L/R OR DI	HORIZONTAL		REMARKS	
			DISTANCE	<input type="checkbox"/> FEET <input type="checkbox"/> METERS		VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	INST		ROD	RIGHT TURNED HORIZONTAL ANGLE		LINE
1													1		
2		SP 55	3960			90 02 42	11.4	+14.6	116.1				2		
3		55	✓			269 56 39	11.4						3		
4		56	2690			89 56 00	11.4	-8.2		107.9			4		
5		57	1320			89 47 05	11.4	-6.4		109.7			5		
6		58	0			90 —	5.0	-5.0		111.1			6		
7		59	1320			89 11 00	11.4	+7.5		123.6			7		
8		60	2690			89 19 30	11.4	+19.8		135.9			8		
9		61	3960			89 20 50	11.4	+33.9		150.0			9		
10		61	✓			270 38 52	11.4						10		
11													11		
12		61	1320			90 19 50	11.4	+19.0	116.0				12		
13		61	✓			269 39 57	11.4						13		
14		62	0			90 —	5.0	-5.0		116.0			14		
15		63	1320			90 19 00	11.4	-18.7		150.3			15		
16		64	2690			90 06 12	11.4	-16.1		152.9			16		
17		64	✓			269 53 40	11.4						17		

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HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 57 OF _____
 LINE/LOOP NO. 710 TYPE SURVEY _____ CLIENT Husky DATE 20 DY 1 MO 80 YR
 SURVEYOR A. Bendleton INSTRUMENT DESC/SERIAL NO. _____ CREW NO. 1182

LINE	 	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		SP 69	396.0		90 19 41	11.4	+33.7	186.6				2		
3		69	✓		269 40 28	11.4						3		
4		65	26.40		90 22 00	11.4	-28.2		158.4			4		
5		66	132.0		89 57 00	11.4	-10.2		176.4			5		
6		67	0		90 —	5.0	-5.0		181.6			6		
7		68	132.0		89 14 10	11.4	+6.2		192.8			7		
8		68+1197	2517		89 37 58	11.4	+4.8					8		
9		68+1197	✓		270 21 55	11.4			191.5			9		
10									191.4	=	80300	10	= SP 68+1197	
11									± .1	=	Mistie	11		
12												12		
13												13		
14												14		
15												15		
16												16		
17												17		

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 = INSTRUMENT SET-UP
 = SIDESHOT
 = FORESIGHT














VERTICAL AND HORIZONTAL SURVEY NOTES

GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 58 OF _____

LINE/LOOP NO. 710 TYPE SURVEY _____ CLIENT Husky DATE 21 DY 1 MO 80 YR

SURVEYOR A. Pundleton INSTRUMENT DESC/SERIAL NO. _____ CREW NO. 1182

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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									191.4	"	80300	1	= SP 68+1197	
2		SP 68+1197	2263		89 37 35	11.5	-6.6	184.6				2		
3		68+1197	✓		270 22 10	11.5						3		
4		69	2640		89 37 05	11.5	+6.2		190.8			4		
5		70	1320		89 38 05	11.5	-3.0		181.6			5		
6		71	0		90 —	5.0	-5.0		179.6			6		
7		72	1320		89 56 00	11.4	-9.8		174.8			7		
8		73	2640		90 09 00	11.4	-18.2		166.4			8		
9		74	3960		90 08 40	11.4	-22.3		162.3			9		
10		74	✓		269 50 08	11.4						10		
11												11		
12		74	2640		89 32 36	11.4	-9.6	152.4				12		
13		74	✓		270 27 02	11.4						13		
14		75	1320		90 13 50	11.4	-16.7		135.7			14		
15		76	0		90 —	5.0	-5.0		147.4			15		
16		77	1320		90 29 30	11.4	-22.7		129.7			16		
17		78	2640		90 24 30	11.4	-30.1		122.3			17		

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

HORIZONTAL AND VERTICAL SURVEY NOTES

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GSI AREA Waiverwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 58 OF _____
 LINE/LOOP NO. 210 TYPE SURVEY _____ CLIENT Husky DATE 21 BY 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										152.4			1		
2		- SP 79	396.0		90 23 24	11.4	-38.2			114.2			2		
3		79	✓		269 36 20	11.4							3		
4													4		
5		79	412.5		89 52 47	11.4	+2.6			116.6			5		
6		79	✓		270 06 50	11.4							6		
7		80	280.5		90 00 20	11.4	-11.5			105.1			7		
8		81	148.5		90 24 35	11.4	-22.0			94.6			8		
9		82	16.5		92 52 20	11.4	-12.3			104.3			9		
10		82+165	0		90 —	5.0	-5.0			116.6			10		
11		83	115.5		90 51 25	11.4	-28.7			87.9			11		
12		84	247.5		89 54 20	11.4	-8.6			108.0			12		
13		85	379.5		89 23 53	11.4	+28.6			145.2			13		
14		85	✓		270 35 50	11.4							14		
15													15		
16		85	132.0		90 34 00	11.4	+24.4			162.5			16		
17		85	✓		269 25 40	11.4							17		

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

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 60 OF _____
 LINE/LOOP NO. 710 TYPE SURVEY _____ CLIENT Husby DATE 21 DY 1 MO 80 YR
 SURVEYOR A. Ponder INSTRUMENT DESC/SERIAL NO. _____ CREW NO. 1182

LINE	△ ↕ SS ⊙	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														
2	↕	SP 86	0		90 —	5.0		-5.0		169.5				2
3		87	1320		89 32 10	11.4		-0.7		168.8				3
4	⊙	87 + 583	1903		89 26 13	11.4		+9.3		177.6				4
5	⊙	87 + 583	✓		270 33 30	11.4				176.8	=	80351		5
6										+8	=	Mist		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 △ = BACKSIGHT ↕ = INSTRUMENT SET-UP SS = SIDESHOT ⊙ = FORESIGHT

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 60 OF _____
 LINE/LOOP NO. 710 TYPE SURVEY _____ CLIENT Musk DATE 21 DY 1 MO 02 YR _____
 SURVEYOR A. Paudleton 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	ROD				
1											"	80351	1	= SP 87+583	
2		SP 87+583	737		90 09 20	11.4	+13.4	190.2					2		
3		SP 87+583	✓		269 50 18	11.4							3		
4		88	165		90 54 00	4.0	-6.6		190.2			183.6	4		
5		88+165	0		90 —	5.0	-5.0		183.6			185.2	5		
6		89	2155		90 31 46	11.4	-22.1		168.1				6		
7		89	2495		269 27 52	11.4							7		
8													8		
9		89	3960		89 30 50	11.4	-22.2	145.6					9		
10		89	✓		270 28 26	7.4							10		
11		90	2640		90 03 00	11.4	-13.6		132.0				11		
12		91	1320		89 42 20	11.4	-4.6		141.0				12		
13		92	0		90 —	5.0	-5.0		140.6				13		
14		93	1320		89 53 90	11.4	-8.9		136.7				14		
15		94	2640		89 57 20	11.4	-9.2		136.4				15		
16		95	3960		89 50 08	11.4	+0.1		145.7				16		
17		95	✓		270 09 28	11.4							17		

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HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 62 OF _____
 LINE/LOOP NO. 710 TYPE SURVEY _____ CLIENT Husky DATE 21 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		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	Δ	SP 95	1320		89 51 30	11.4	+8.2	153.8				2		
3	Δ	95	✓		270 07 58	11.4						3		
4	∇	96	0		90 —	5.0	-5.0		148.8			4		
5	\odot	96+1125	1125		89 10 48	11.4	+5.4		159.6	=		5		
6	\odot	96+1125	1125		270 48 50	11.4			159.2	=	80353	6		
7									$\pm .4$	=	Mistie	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 \odot = FORESIGHT

HORIZONTAL AND VERTICAL SURVEY NOTES

17

GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 62 OF _____
 LINE/LOOP NO. 710 TYPE SURVEY _____ CLIENT Nucky DATE 21 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										159.2	=	80353	1		
2		SP 96+1175	2785		90 44 30	11.4	+47.4	206.6					2		
3		96+1175	✓		269 15 10	11.4							3		
4		97	2640		90 47 00	11.4	-47.4		159.2				4		
5		98	1320		90 54 20	22.0 H.R.	-42.8		163.8				5		
6		99	0		90 —	5.0	-5.0		201.6				6		
7		100	1320		90 54 10	11.4	-32.2		174.4	✓			7		
8		101	2640		90 52 40	11.4	-57.7		154.9	✓			8		
9		TS-1	3960		90 28 45	11.4	-44.5		162.1				9		
10		TS-1	✓		269 30 45	11.4							10		
11													11		
12		TS-1	1320		89 38 55	11.4	+3.4	210.0	210				12		
13		1	✓		270 20 25	11.4							13		
14		2	0		90 —	5.0	-5.0		205.0				14		
15		3	1320		90 59 00	11.4	-34.0		176.0				15		
16		4	2640		90 18 35	11.4	-25.5		184.5				16		
17		5	3960		90 09 00	11.4	-21.4		188.6				17		
		6	5280		89 55 20	11.4	-3.7		161.9	206.3					

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