

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 10 OF _____
 LINE/LOOP NO. 701 TYPE SURVEY _____ CLIENT Husky DATE 10 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	<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										43.3			1	SP 1 L-701
2	Δ	80325	4785			90 15 16	11.4		+31.4	74.8			2	
3	Δ	80325	✓			269 45 50	11.4						3	
4		TS 1	3465			90 48 30	11.4		-60.0	74.8			4	
5		2	2145			90 40 50	11.4		-36.8	38.0			5	
6		3	825			90 14 10	11.4		-12.8	60.0			6	
7	⊗	3 + 825	0			90 —	5.0		-5.0	69.8			7	
8		4	495			89 58 00	11.4		-11.1	62.7			8	
9		5	1815			90 41 50	11.4		-33.4	41.4			9	
10	⊙	6	3135			90 44 10	11.4		-51.3	23.5			10	
11	⊙	6	✓			269 16 20	11.4						11	
12										43.3	=	80325 =	12	SP 1
13	Δ	80325	3960			89 56 50	11.4		+7.1	49.9 50.3			13	
14	Δ	80325	✓			270 03 50	11.4						14	
15		SP 2	2690			89 59 20	11.4		-10.7	39.2	59.6		15	
16		3	1320			89 55 30	11.4		-9.6	40.3	40.7		16	
17	⊗	4	0			90 —	6.0		-5.0	44.9	45.3		17	

TI-23471B

WORKED BY _____ CHECKED BY 1ST _____ 2ND _____

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

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 11 OF _____
 LINE/LOOP NO. 701 TYPE SURVEY _____ CLIENT Husky DATE 10 DY 1 MO 80 YR
 SURVEYOR A. Pendleton INSTRUMENT DESC/SERIAL NO. _____ CREW NO. 1187

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										49.9			1		
2		SP 5	1320		89 58 30	11.4		-10.9		39.0		39.4	2		
3		6	2640		89 50 25	11.4		-3.6		46.3		46.8	3	46.3	
4		6	✓		270 10 30	11.4							4		
5										69.8			5		
6		6	2640		90 15 40	11.4		+23.0		68.6			6		
7		6	✓		269 45 05	11.4							7		
8		7	1320		90 57 50	11.4		-32.6		35.0		36.2	8		
9		8	0		90 —	5.0		-5.0		63.6		64.8	9		
10		9	1320		89 59 10	11.4		-9.1		59.5		60.7	10		
11		10	2640		90 00 00	11.4		-11.3		57.3		58.5	11		
12		11	3960		89 54 50	11.4		-4.8		63.8		65.0	12	63.8	
13		11	✓		270 05 40	11.4							13		
14										92.3		90.3	14		
15		11	2640		90 21 70	11.4		+27.3		104.3			15		
16		11	✓		269 39 50	11.4							16		
17		12	1320		90 20 10	11.4		-19.1		71.2		73.2	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 12 OF _____
 LINE/LOOP NO. 701 TYPE SURVEY _____ CLIENT Husky DATE 10 DY 1 MO 80 YR
 SURVEYOR A. Pendleton INSTRUMENT DESC/SERIAL NO. _____ CREW NO. 1182

LINE	△ SS ⊙	STATION	VERTICAL						HORIZONTAL		REMARKS		
			DISTANCE	□ FEET □ METERS	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	ELEVATION			LR OR DR	RIGHT TURNED HORIZONTAL ANGLE
				SLOPE					HORIZ	INST			
1									90.3 101.3			1	
2	⊕	SP 13	0		90	5.0	-5.0		85.3		87.3	2	
3		14	1320		89 27 30	11.4	+1.1		91.4		93.4	3	
4		15	2640		89 42 30	11.4	+2.2		92.5		94.5	4	
5		16	3960		89 49 00	11.4	+1.6		91.9		93.9	5	
6	⊙	16 + 479	4439		89 46 30	11.4	+7.0		99.3		97.3	6	
7	⊙	16 + 479	✓		270 14 26	11.4			97.3	=	80324	7	
8								121.2	±2.0	=	Mistie	8	
9	△	16 + 479	-2141		90 20 17	11.4	+23.9		121.2			9	
10	△	16 + 479	✓		269 40 17	11.4						10	
11		17	1320		90 22 10	11.4	-19.8		101.6		101.3	11	
12	⊕	18	0		90	5.0	-5.0		116.4		116.2	12	
13		19	1320		90 19 20	11.4	-18.0		103.4		103.2	13	
14		20	2640		90 13 30	11.4	-21.6		99.8		99.6	14	
15	⊙	21	3960		90 16 08	11.4	-29.2		92.2		92.0	15	
16	⊙	21	✓		269 44 38	11.4						16	
17												17	

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HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA Uniswright STATE/COUNTY Alaska BOOK NO. _____ PAGE 13 OF _____
 LINE/LOOP NO. 701 TYPE SURVEY _____ CLIENT Husky DATE 10 BY 1 MO 80 YR
 SURVEYOR A. Pendleton INSTRUMENT DESC/SERIAL NO. _____ CREW NO. 1182

LINE	△ ↑ SS ⊙	STATION	VERTICAL						HORIZONTAL		REMARKS	
			DISTANCE	□ FEET □ METERS	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	ELEVATION			RIGHT TURNED HORIZONTAL ANGLE
				▲ SLOPE					▲ HORIZ	INST		
1									94.3		1	
2	△	SP 21	.4125		89 53 09	11.4	+2.4	94.8			2	
3	△	21	✓		2 70 09 34	11.4					3	
4		22	2805		89 47 50	11.4	+1.3		96.1	93	4	
5		23	1985		89 43 00	11.4	-4.0		90.8	90.3	5	
6		24	165		88 17 10	11.4	-6.5		88.3	87.9	6	
7	⊕	24+165	0		90 —	5.0	-5.0		89.9	89.3	7	
8		25	1155		89 46 20	11.4	-6.8		88.0	87.6	8	
9		26	2495		89 52 30	11.4	-5.9		88.9	88.5	9	
10	⊙	27	3995		89 55 05	11.4	-6.3		89.5	89	10	
11	⊙	27	✓		270 05 35	11.4	✓				11	
12									91.7		12	
13	△	27	3960		89 53 05	11.4	+2.7	92.5			13	
14	△	27	✓		270 07 39	11.4					14	
15		28	2640		89 52 10	11.4	-5.2		87.3	86.5	15	
16		29	1320		89 44 00	11.4	-5.2		87.3	86.5	16	
17	⊕	30	0		90 —	5.0	-5.0		87.5	86.7	17	

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HORIZONTAL AND VERTICAL SURVEY NOTES

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GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 14 OF _____
 LINE/LOOP NO. 701 TYPE SURVEY _____ CLIENT Husky DATE 10 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			RIGHT TURNED HORIZONTAL ANGLE
				SLOPE					HORIZ	INST		
1									92.5		1	
2		SP 31	1320		89 41 00	11.4	-4.1		88.4	87.7	2	
3		32	2640		89 55 50	11.4	-8.1		84.4	83.7	3	
4		33	3960		89 58 28	11.4	-8.9		83.6	82.9	4	
5		33	✓		270 02 20	11.4					5	
6									84.5		6	
7		33	3960		89 52 20	11.4	+1.6		85.8		7	
8		33	✓		270 08 48	11.4					8	
9		34	2640		89 49 40	11.4	-3.3		82.5	81.2	9	
10		35	1320		89 37 20	11.4	-2.7		83.1	81.8	10	
11		36	0		90 —	5.0	-5.0		80.8	79.5	11	
12		37	1320		89 50 20	11.4	-7.7		78.1	76.8	12	
13		38	2640		89 54 10	11.4	-6.8		79.0	77.7	13	
14		39	3960		89 56 00	11.4	-5.9		79.5	78.6	14	
15		39	✓		270 05 00	11.4					15	
16											16	
17											17	

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HORIZONTAL AND VERTICAL SURVEY NOTES

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GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 15 OF _____
 LINE/LOOP NO. 201 TYPE SURVEY _____ CLIENT Husby DATE 10 BY 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		L/R OR DI		RIGHT TURNED HORIZONTAL ANGLE	LINE
				SLOPE 					HORIZ	INST				
1												1		
2		SP 39	2640		89 49 40	11.4	+3.1	81.7				2		
3		39	✓		270 11 00	11.4		82.7				3		
4		40	1320		89 44 20	11.4	-5.4		77.3		76.3	4		
5		41	0		90 —	5.0	-5.0		77.7		76.7	5		
6		42	1320		89 46 00	11.4	-6.0		76.7		75.7	6		
7		43	2640		89 53 00	11.4	-5.5		77.2		76.2	7		
8		43	✓		270 08 00	11.4						8		
9								81.5				9		
10		43	2640		89 52 50	11.4	+5.3	82.9				10		
11		43	✓		270 08 17	11.4						11		
12		44	1320		89 46 10	11.4	-6.1		76.6		75.4	12		
13		45	0		90 —	5.0	-5.0		77.7		76.5	13		
14		46	1320		89 46 10	11.4	-6.1		76.6		75.4	14		
15		46 + 1188	2508		89 39 40	11.4	+4.0		85.5			15	SP 46 + 1188 = 80323	
16		46 + 1180	✓		270 21 35	11.4			86.7		= 80323	16		
17								± 1.2			= Mistie	17		

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HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA Udmanwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 16 OF _____
 LINE/LOOP NO. 701 TYPE SURVEY _____ CLIENT Husky DATE 11 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	Δ	SP 46+1188	4092		89 47 23	11.4	-4.5	82.2	86.7	"	80323		1
3	Δ	SP 46+1188	4092		270 13 30	11.4		81.2					2
4		47	3960		89 48 80	11.4	+2.4	82.7					3
5		48	2640		89 42 40	11.4	+2.1		85.3		87.6		4
6		49	1320		89 42 30	11.4	-5.0		85.0		84.3		5
7	⊗	50	0		90 —	5.0	-5.0		77.9		77.2		6
8		51	1320		89 46 10	11.4	-6.1		77.9		77.2		7
9		52	2640		89 59 00	11.4	-10.5		76.8		76.2		8
10	○	53	3960		90 00 15	11.4	-10.6		72.4		71.7		9
11	○	53	✓		270 01 10	11.4			70.5		71.7		10
12									72.3				11
13	Δ	53	3795		89 44 37	11.4	-6.5	65.2					12
14	Δ	53	✓		270 16 30	11.4		65.5					13
15		54	2475		89 39 10	11.4	+3.7		70.2		68.9		14
16		55	1155		89 28 25	11.4	-0.8		65.7		64.4		15
17	⊗	55+1155	0		90 —	5.0	-5.0		61.5		60.2		16
													17

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SYMBOLS

Δ = BACKSIGHT

⊗ = INSTRUMENT SET-UP

SS = SIDESHOT

○ = FORESIGHT

HORIZONTAL AND VERTICAL SURVEY NOTES

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GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 17 OF _____
 LINE/LOOP NO. 701 TYPE SURVEY _____ CLIENT Husky DATE 11 BY 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
				SLOPE					HORIZ	INST			
1												1	
2		SP 56	165		89 10 00	11.4	-9.0		57.5	56.2		2	
3		57	1485		90 00 00	11.4	-11.4		55.1	53.8		3	
4		58	2805		90 00 00	11.4	-11.2		55.3	53.9		4	
5		59	4125		89 54 34	11.4	-3.9		59.1			5	
6		59	✓		270 06 30	11.4			62.6	61.3		6	
7								82.0				7	
8		59	2690		90 12 50	11.4	+20.7	79.4				8	
9		59	✓		269 48 15	11.4						9	
10		60	1320		89 55 30	11.4	-9.6		69.8	72.3		10	
11		61	0		90	5.0	-5.0		74.4	77.0		11	
12		62	1320		90 00 45	11.4	-11.9		67.7	70.3		12	
13		62 + 625	1845		89 48 50	11.4	-5.1		76.9			13	
14		62 + 625	✓		270 12 14	11.4		78.5	78.5	80322		14	= SP 62 + 625
15									± 1.6	Mistie		15	
16												16	
17												17	

WORKED BY _____ CHECKED BY 1ST _____ 2ND _____

SYMBOLS

= BACKSIGHT

= INSTRUMENT SET-UP


SS = SIDESHOT

= FORESIGHT

HORIZONTAL AND VERTICAL SURVEY NOTES

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GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 18 OF _____
 LINE/LOOP NO. 701 TYPE SURVEY _____ CLIENT Husky DATE 11 DY 1 MO 80 YR
 SURVEYOR A. Pendleton INSTRUMENT DESC/SERIAL NO. _____ CREW NO. 1102

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 DI	RIGHT TURNED HORIZONTAL ANGLE	LINE	
				SLOPE	HORIZ					INST					ROD
1									80.3	79.5 74.3		80322	1		
2	Δ	SP 62+625	2015		89 44 20	11.4	+1.8	80.7					2		
3	Δ	SP 62+625	✓		270 16 44	11.4							3		
4		63	1320		89 52 10	11.4	-8.4		72.4		72		4		
5	π	64	0		90	5.0	-5.0		75.9		75.3		5		
6		65	1320		89 45 40	11.4	-5.9		75.0		74.5		6		
7	\emptyset	66	2640		89 52 10	11.4	-4.9		76.0		75.7 75.5		7		
8	\emptyset	68	✓		270 08 50	11.4							8		
9									82				9		
10	Δ	68	3960		89 58 40	11.4	+6.5	83.2					10		
11	Δ	68	✓		270 08 50	11.4							11		
12		67	2640		89 58 00	11.4	-4.4		78.8		77.6		12		
13		68	1320		89 43 30	11.4	-5.0		78.2		76.9		13		
14	π	69	0		89 30 10	5.0	-5.0		78.2		77		14		
15		70	1320		89 42 30	11.4	-4.6		78.6		77.3		15		
16		71	2640		89 56 50	11.4	-8.8		74.4		73.1		16		
17													17		

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HORIZONTAL AND VERTICAL SURVEY NOTES

10

GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 19 OF _____
 LINE/LOOP NO. 701 TYPE SURVEY _____ CLIENT Husky DATE 11 BY 1 MO 80 YR
 SURVEYOR A. Pendleton INSTRUMENT DESC/SERIAL NO. _____ CREW NO. 1182

LINE	 △ SS ⊙	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
				SLOPE					HORIZ	INST			
1												1	
2	⊙	SP 72	3960		89 55 20	11.9	-5.1		78.1		76.8		2
3	⊙	SP 72	✓		270 05 40	11.9							3
4								80.4					4
5	△	72	3960		89 54 00	11.9	+3.6	82.4					5
6	△	72	✓		270 07 00	11.9							6
7		73	2640		89 40 20	11.9	+3.9	86.3			84.2		7
8		74	1320		89 30 40	11.9	-0.1	82.3			80.3		8
9	⊗	75	0		90 —	5.0	-5.0	77.4			75.4		9
10		76	1320		89 47 00	11.4	-6.4	76.0			74.0		10
11		77	2640		89 55 30	11.9	-8.1	74.3			72.3		11
12	⊙	78	3960		89 59 40	11.4	-10.1	72.3			70.2		12
13	⊙	78	✓		270 01 20	11.4							13
14								73.7					14
15	△	79	3960		89 53 45	11.9	+3.5	76.5					15
16	△	78	✓		270 07 00	11.9							16
17		79	2640		89 58 56	11.9	-10.4	66.1			63.3		17

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HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 20 OF _____
 LINE/LOOP NO. 701 TYPE SURVEY _____ CLIENT Hutch DATE 11 BY 1 MO 80 YR
 SURVEYOR A. Pendleton INSTRUMENT DESC/SERIAL NO. _____ CREW NO. 1182

LINE	Δ π SS ⊙	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			
1									76.5			1	
2		SP 80	1320		89 55 45	11.4	-9.7		66.8		64	2	
3	π	81	0		90 —	5.0	-5.0		71.5		68.7	3	
4		82	1320		89 40 20	11.4	-3.8		72.7		69.9	4	
5		83	2640		89 54 30	11.4	-2.0		69.5		66.7	5	
6	⊙	84	3960		89 53 00	11.4	-2.4		74.1		71.3	6	
7	⊙	84	✓		270 08 03	11.4						7	
8												8	
9	A	84	2640		89 53 35	11.4	+5.9		77.2 80.5			9	
10	A	84	✓		270 07 30	11.4						10	
11		85	1320		89 39 50	11.4	-3.6		76.9		73.6	11	
12	π	86	0		90 —	5.0	-5.0		75.5		72.2	12	
13		87	1320		89 56 40	11.4	-7.8		72.7		69.4	13	
14	⊙	88	2640		90 04 10	11.4	-14.2		66.3		62.7 63	14	
15	⊙	88	✓		269 56 30	11.4						15	
16												16	
17												17	

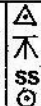












WORKED BY _____ CHECKED BY 1ST _____ 2ND _____

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

HORIZONTAL AND VERTICAL SURVEY NOTES





12

GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 21 OF _____
 LINE/LOOP NO. 701 TYPE SURVEY _____ CLIENT Husky DATE // DY / 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 DI	RIGHT TURNED HORIZONTAL ANGLE
				SLOPE 	HORIZ 					INST	ROD			
1												1		
2		SP 88	2145		89 40 25	114	-1.2	61.8	65.5			2		
3		88	✓		290 20 30	114	-6.9					3		
4		89	825		89 40 20	114	-6.7		58.8		55.1	4		
5		89 + 825	0		90	5.0	-5.0		60.5		56.8	5		
6		90	495		89 44 30	114	-9.2		56.3		52.6	6		
7		91	1815		90 09 50	114	-16.5		49.0		45.3	7		
8		91 + 178	1493		90 12 05	114	-18.1		43.7			8		
9		91 + 178	✓		269 48 48	114			47.4	=	80320	9		
10									± 3.7	=	Mistic	10		
11												11		
12												12		
13												13		
14												14		
15												15		
16												16		
17												17		

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WORKED BY _____ CHECKED BY 1ST _____ 2ND _____

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

HORIZONTAL AND VERTICAL SURVEY NOTES

13

GSI AREA Wainwright STATE/COUNTY Alaska BOOK NO. _____ PAGE 22 OF _____
 LINE/LOOP NO. 701 TYPE SURVEY _____ CLIENT Husky DATE 11 BY 1 MO 29 YR
 SURVEYOR A. Pendleton INSTRUMENT DESC/SERIAL NO. _____ CREW NO. 1182

LINE	△ K SS ◎	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
									SLOPE	HORIZ			
1									47.4	=	80320	1	
2	⊖	SP 91+178	495		- 87 38 90	114	+9.0	56.4 (38.9)				2	
3	⊖	SP 91+178	J		272 21 50	114						3	
4		TS-6	7925		90 18 20	114	-42.5	13.9	42.5	-4.05		4	} ?
5		5	6105		90 22 10	114	-42.6	13.8	42.0	-4.2		5	
6		4	4785		90 28 20	114	-43.0	13.4	43.0			6	
7		3	3465		90 36 40	114	-40.7	15.7	40.7			7	
8		2	2145		91 04 10	90	-44.0	12.4	43.9			8	
9		1	825		92 33 00	90	-40.7	15.7	40.7			9	
10	⊖	TP1	0		90 —	5.0	-5.0	51.4	33.4			10	
11	⊖	80320	495		87 38 43	114	-9.0	47.4				11	
12	⊖	80320	V		272 21 48	114		47.4	=	80320		12	
13								± .0	=	M. tie		13	
14												14	
15												15	
16												16	
17												17	

WORKED BY _____ CHECKED BY 1ST _____ 2ND _____

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