

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARLOW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 107 OF
 LINE/LOOP NO. 618-N TYPE SURVEY CLIENT Husky NRR DATE 27 DY 1 MO 79 YR
 SURVEYOR T. SHERKILL INSTRUMENT DESC/SERIAL NO. CREW NO. 4182

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		L/R OR D/I		RIGHT TURNED HORIZONTAL ANGLE
				SLOPE					HORIZ	INST			
1												1	
2	△	SP. 217-LNE 618	3345		89 52 50	9.07	+8.3	32.8			26.71	2	
3	△		✓		270 07 40	9.0						3	
4	△	INT. 618/618 N	0		90	5.0	-5.0		27.8		21.71 (Sack bags)	4	= S.P. 4
5		S.P. 3	880		89 46 40	9.0	-5.6		27.2		21.14 (#1061)	5	
6		2	1760		89 52 50	9.0	-5.3		27.5		21.44	6	
7		1	2640		89 55 10	9.0	-5.1		27.7		21.56	7	
8		T.S. 1	3520		89 56 40	9.0	-5.3		27.5			8	
9		2	4400		89 57 40	9.0	-5.6		27.2			9	
10		3	5280		89 58 10	9.0	-5.6		27.2			10	
11		4	6160		89 58 30	9.0	-5.5		27.3			11	
12		TAIL SPREAD 4.6 ON LAKE = SAME ELEVATION											
13												13	
14		5	880		89 45 40	9.0	-5.3		27.5		21.39	14	
15		6	1760		89 53 20	9.0	-5.5		27.3		21.19	15	
16		7	2640		89 49 00	9.0	-0.4		32.8		26.30	16	
17												17	

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WORKED BY CHECKED BY 1st 2ND

SYMBOLS △ = BACKSIGHT ↑ = INSTRUMENT SET-UP SS = SIDESHOT ⊙ = FORESIGHT

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BALLOU STATE/COUNTY ALASKA BOOK NO. 1 PAGE 108 OF
 LINE/LOOP NO. 618-N TYPE SURVEY CLIENT HUSKY NPI DATE 29 DY 1 MO 79 YR
 SURVEYOR T. SHERMAN 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			L/R OR DI	RIGHT TURNED HORIZONTAL ANGLE
				SLOPE	HORIZ					INST	ROD			
1										32.8			1	
2	⊙	5A B	3520			89 51 30	9.0		+0.3		33.1	27.01	2	32.0
3	⊙		✓			270 09 10	9.0						3	
4													4	
5	△	0	3520			89 53 00	9.0		+1.3	34.2		28.33	5	
6	△		✓			270 07 30	9.0						6	
7		9	2640			89 53 00	9.0		-3.5		30.7	24.85	7	
8		10	1760			89 53 00	9.0		-5.4		28.8	22.98	8	
9		11	880			89 46 20	9.0		-5.5		28.7	22.85	9	
10	⊥	12	0			90 —	5.0		-5.0		29.0	23.33	10	
11		13	880			89 47 00	9.0		-5.7		28.5	22.67	11	
12		14	1760			89 53 20	9.0		-5.5		28.7	22.81	12	
13		15	2640			89 54 40	9.0		-4.8		29.4	23.57	13	
14	⊙	16	3520			89 55 30	9.0		-3.5		30.7	24.88	14	
15	⊙		✓			270 05 50	9.0						15	
16													16	
17													17	

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HORIZONTAL AND VERTICAL SURVEY NOTES

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GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 109 OF
 LINE/LOOP NO. 618-N TYPE SURVEY CLIENT HUSKY APP DATE 20 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		L/R OR D/I		RIGHT TURNED HORIZONTAL ANGLE
				SLOPE					HORIZ	INST			
1												1	
2		SP 16	3520		89 50 40	9.07	-1.9	28.6			22.96	2	
3			✓		270 11 30	9.0						3	
4		17	2640		89 51 40	9.0	-2.5	26.1			20.50	4	
5		18	1760		89 52 10	9.0	-4.9	23.7			18.03	5	
6		19	880		89 47 10	9.0	-5.7	22.9			17.26	6	
7		20	0		90 —	5.0	-5.0	23.6			17.96	7	
8		21	880		89 43 30	9.0	-4.8	23.8			18.70	8	
9		22	1760		89 51 30	9.0	-4.6	24.0			18.37	9	
10		23	2640		89 52 50	9.07	-2.6	26.0			20.31	10	
11			✓		270 09 00	9.0						11	
12												12	
13		23	2640		89 53 10	9.07	+3.0	28.7			23.28	13	
14			✓		270 08 30	9.0						14	
15		24	1760		89 51 20	9.0	-4.5	24.2			18.78	15	
16		25	880		89 47 40	9.0	-5.8	22.9			17.45	16	
17		26	0		90 —	5.0	-5.0	23.7			18.28	17	

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HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA Barrow STATE/COUNTY ALASKA BOOK NO. 1 PAGE 110 OF
 LINE/LOOP NO. 618-N TYPE SURVEY CLIENT Husky NPR DATE 28 DY 1 MO 29 YR
 SURVEYOR T. SHERRILL 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			L/R OR D/I	RIGHT TURNED HORIZONTAL ANGLE
				SLOPE	HORIZ					INST	ROD			
1									28.7			1		
2		SP 27	880		89 50 00	9.0	-6.4		22.3		1685	2		
3		28	1760		89 53 40	9.0	-5.7		23.0		1758	3		
4	○	29	2640		89 56 00	9.07	-4.8		23.9		1845	4		
5	○		✓		270 06 30	9.0						5		
6			CHANGED INSTRUMENTS										6	
7	△	29	2640		89 55 20	9.0	+5.1		28.8		2360	7		
8	△		✓		270 05 00	9.0						8		
9		30	1760		89 56 00	9.0	-6.9		21.9		1671	9		
10		31	880		89 55 00	9.0	-7.7		21.2		1589	10		
11	π	32	0		90 —	5.0	-5.0		23.8		1860	11		
12		33	880		89 48 10	9.0	-6.0		22.8		1764	12		
13		34	1760		90 11 00	15.0	-20.6		8.2		303	13		
14	○	35	2640		89 58 40	9.0			21.0		1576	14		
15	○		✓		270 01 20	9.0	-7.8					15		
16												16		
17												17		

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HORIZONTAL AND VERTICAL SURVEY NOTES

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GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 111 OF
 LINE/LOOP NO. 618-N TYPE SURVEY CLIENT Husky NTR DATE 28 DY 1 MO 29 YR
 SURVEYOR T. SHERILL 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. 35	2640		89 49 30	9.0		+0.5	21.4		1630	2		
3			✓		270 11 10	9.0						3		
4		36	1760		90 11 40	9.0		-14.9		6.5	1.39	4		
5		37	880		90 29 30	9.0		-16.5		4.9	-0.24	5		
6		38	0		90 —	5.0		-5.0		16.4	11-30	6		
7		39	880		89 04 40	9.0		+5.2		16.2 266	21-48	7		
8		79026	1674		89 24 10	9.0		+8.4		29.8	79026 - BAR	26-93	8	
9		=39 + 79A	✓		270 36 20	9.0				34.7	79026 - 1182	-4.9	9	
10												10		
11									+4.9		ALSTHE (24.3 miles)		11	
12												12		
13										79.8		13		
14		79026	2746		89 29 10	9.0		-6.0	13.6			14		
15		=39 + 79A	✓		270 31 20	9.0						15		
16		40	2640		89 29 30	9.0		+14.6		28.2		16		
17		41	1760		89 50 20	9.0		-4.0		9.6		17		

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HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. _____ PAGE 112 OF _____
 LINE/LOOP NO. 618-N TYPE SURVEY _____ CLIENT HUSKY NIP DATE 28 DY 1 MO 79 YR
 SURVEYOR F. 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 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									13.6			1		
2	sl.	42	880		89 38.50	9.0	-3.6		10.0			2		
3	π	43	0		90 —	5.0	-5.0		8.6			3		
4		44	880		89 10.00	9.0	+3.8		17.4			4		
5	⊙	45	1760		89 20.00	9.0	+11.7		25.3			5		
6	⊙		✓		270 40.40	9.0						6		
7												7		
8	Δ	45	2640		89 52.20	9.0	+2.9		27.8			8		
9	Δ		✓		270 07.50	9.0						9		
10		46	1760		89 51.30	9.0	-4.6		23.2			10		
11		47	880		89 51.00	9.0	-6.7		2.1			11		
12	π	48	0		90 —	8.0	-5.0		22.8			12		
13		49	880		89 37.10	9.0	-3.1		2.4			13		
14		50	1760		89 47.50	9.0	-2.7		25.1			14		
15	⊙	51	2640		89 49.10	9.0	-0.3		27.5			15		
16	⊙		✓		270 11.30	9.0						16		
17												17		

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HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 113 OF
 LINE/LOOP NO. 613 N TYPE SURVEY CLIENT Husky NOR DATE 28 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 DR	RIGHT TURNED HORIZONTAL ANGLE
				SLOPE					HORIZ	INST			
1												1	
2		51. 51	2640		89 59 10	9.0	+7.8	34.8				2	
3		51	✓		270 02 00	9.0						3	
4		52	1760		90 00 50	9.0	-9.4	25.4				4	
5		53	880		89 57 30	9.0	-8.3	26.5				5	
6		54	0		90 ———	5.0	-5.0	29.8				6	
7		55	880		89 43 20	9.0	-4.7	30.1				7	
8		56	1760		89 49 10	9.0	-3.4	31.4				8	
9		57	2640		89 54 30	9.0	-4.2	30.6				9	
10			✓		270 06 30	9.0						10	
11												11	
12		57	2640		89 54 30	9.0	+4.0	33.2				12	
13			✓		270 07 10	9.0						13	
14		58	1760		89 56 20	9.0	-7.1	26.1				14	
15		59	880		89 48 10	9.0	-6.0	27.2				15	
16		60	0		90 ———	5.0	-5.0	28.2				16	
17		61	880		89 46 10	2.0	-5.4	27.8				17	

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HORIZONTAL AND VERTICAL SURVEY NOTES

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GSI AREA BALDOW STATE/COUNTY ALASKA BOOK NO. 1 PAGE 114 OF
 LINE/LOOP NO. G18-N TYPE SURVEY CLIENT HUSKY N/A DATE 28 BY 1 MO 79 YR
 SURVEYOR T. STELLER 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									33.2			1		
2		S.P. 62	1760		89 48 50	9.0		-3.2		30.0			2	
3		63	2640		89 47 30	9.07		+1.2		35.4			3	
4			✓		270 13 40	9.07							4	
5													5	
6		63	1760		90 18 10	9.07		+18.2		53.1			6	
7			✓		269 42 10	9.07							7	
8		64	880		90 24 30	9.0		-15.3		37.8			8	
9		65	0		90 —	5.0		-5.0		48.1			9	
10		66	880		89 31 50	9.0		-1.8		51.3			10	
11		67	1760		89 44 20	9.0		-0.9		52.2			11	
12		T.S. 1	2640		89 54 30	9.0		-4.6		48.5			12	
13		79025	2441		89 51 20	9.07		-2.1		51.0		79025-BANK	13	
14		= 681' NW OF 67	✓		270 10 20	9.07				52.9		79025-1182	14	
15													15	
16										±1.9		MISTIE	16	
17													17	

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