

STADIA SURVEY NOTES

AREA Wainwright STATE Alaska PAGE No. 32
 LINE No. D4XW PARTY No. 1182 DATE 15 Day 1 Mo. 80 Yr.
 SURVEYOR A. Pendleton RODMAN _____ WEATHER _____ P.T.S. No. _____



LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
	W	1320		89 43 00				11.4			+4.9	61.8	56.9	=	80319	
	✓			270 16 30				11.4						Δ	5818	80319
	E	0		90				3.0			-5.0		56.8	π	TS 1	
		1320		90 26 10				44.60			-16.0		45.8		2	
		2640		90 31 00				44.60			-29.8		32.0		3	
		3960		90 27 20				44.60			-32.5		24.3		4	
		5280		90 21 50				44.60			-39.8		22.0		5	
		6600		90 18 00				44.60			-40.0		21.8	0	6	
	✓			269 41 40				44.60						0	6	

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA Wainwright STATE Alaska PAGE No. 33
 LINE No. D4XW PARTY No. 1182 DATE Day 15 Mo. 1 Yr. 80 BOOK No. _____
 SURVEYOR A. Pendleton RODMAN _____ WEATHER _____ P.T.S. No. _____



LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		▲ BS ○ FS - SS	Station	FINAL ELEVATIONS	REMARKS		
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD						
E	✓	1320	89 49 07		11.4				+9.2	63.7	56.9	Δ	80317						
		✓	270 16 40		11.4							Δ	SP1						
		0	90		5.0				-5.0		58.7	π	2						
W		1320	89 51 20		11.4				-8.1		55.6	✓	3						
		2670	89 50 10		11.4				-3.8		59.9		4						
		3260	89 48 40		11.4				+1.8		65.5	○	5						
		3960	270 11 00		11.4							○	5						
		3135									76.1								
E		1460	89 59 38		11.4				+10.9	80.7		Δ	5						
		3135	270 00 16		11.4							Δ	5						
		1815	89 52 10		11.4				-7.3		68.8		6						
		495	89 32 50		11.4				-8.2		67.9		7						
		0	90		5.0				-5.0		71.1	π	21495						
W		825	89 48 40		11.4				-8.9		67.7		8						
		2195	89 50 30		11.4				-5.4		70.7	○	9						
		✓	270 09 30		11.4							○	9						

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STADIA SURVEY NOTES

AREA Wainwright STATE Alaska PAGE No. 34
 LINE No. D+1W PARTY No. 1102 DATE Day 15 Mo. 1 Yr. 80 BOOK No. _____
 SURVEYOR A. Pendleton RODMAN WEATHER Foggy P.T.S. No. _____



LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction			Center Hair	INST.			
E		1320		89 51 45				11.4	+ 8.2	78.8		A	59.9		
	✓			270 09 04				11.4				A	9		
	0			90 — —				5.0	- 5.0		73.8	FS	10		
W		1320		90 09 14				11.4	- 15.0		63.8	0	11		
	✓			269 50 25				11.4				0	11		
E		2640		90 01 25				11.4	+ 12.5	96.0		A	11		
	✓			269 50 15				11.4				A	11		
	0			90 03 00				11.4	- 12.6		63.4		12		
W		1320		90 — —				5.0	- 5.0		71.0	FS	13		
		2586		89 53 20				11.4	- 8.8		67.2		14		
	✓			89 55 18				11.4	- 7.8		67.4	0	14 + 12.66		
				270 04 30				11.4			68.2	0	+ 803.18		
											57.2	=	11.6		

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AREA Wainwright STATE Alaska PAGE No. 35
 LINE No. D4XW PARTY No. 1182 DATE Day 15 Mo. 1 Yr. 80 BOOK No. _____
 SURVEYOR A. Pendleton RODMAN _____ WEATHER _____ P.T.S. No. _____



LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction			Center Hair	INST.			
E	✓	2644		89 59 07				11.4	+9.1	75.5	68.2	=	80318		
		2640		89 57 15				11.4	-9.3		66.2	Δ	80318		
		1320		89 58 10				11.4	-10.7		64.8	Δ	80318		
		0		90				5.0	-5.0		70.5	π	19		
W	✓	1320		89 27 20			11.4	+1.1		76.6	○	19			
		2640		89 46 13				11.4	+0.9		76.4	○	19		
		✓		270 13 18				11.4				○	19		
E	✓	2640		89 55 43			11.4	+8.1	84.4			Δ	19		
		2640		89 53 52				11.4				Δ	19		
		1320		89 52 40				11.4	-8.6		75.8	Δ	20		
		0		90				5.0	-5.0		79.4	π	21		
W	✓	1320		89 42 00			11.4	-4.5		79.9	π	22			
		2640		89 44 30				11.4	+0.5		84.9	○	23		
		✓		270 15 07				11.4				○	23		

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AREA Wainwright STATE Alaska PAGE No. 36
 LINE No. D4XW PARTY No. 1182 DATE Day 15 Mo. 1 Yr. 80 BOOK No. _____
 SURVEYOR A. Pendleton RODMAN _____ WEATHER _____ P.T.S. No. _____



LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hoir Read	Reading	Correction			Center Hoir	INST.			
E		3960		89 30 38				11.4	+0.6	85.5		A	SP 23		
	✓			270 00 48				11.4				A	23		
		2640		89 49 50				11.4	-3.6		81.9		24		
		1320		89 39 40				11.4	-2.3		83.2		25		
W	0			90				5.0	-5.0		80.5	F	26		
		1320		90 31 00				11.4	-23.3		62.2		27		
		2640		90 21 40				11.4	-28.0		57.5		28		
		3960		89 15 05				11.4	-28.8		56.7	O	29		
E	✓			269 44 24				11.4				O	29		
		1320		89 32 46				11.4	+24.0	80.6		A	29		
	✓			269 27 00				11.4				A	29		
	0			90				5.0	-5.0		75.6	F	30		
W		1320		89 41 20				11.4	-4.3		76.3	O	31		
	✓			270 18 14				11.4				O	31		
E		3960		89 25 08				11.4	-28.9	42.3		A	31		
	✓			270 34 39				11.4				A	31		
		2640		89 16 25				11.4	+22.0		69.3		32		

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STADIA SURVEY NOTES

AREA Wainwright STATE Alaska PAGE No. 37
 LINE No. D4KW PARTY No. 1182 DATE Day 15 Mo. 1 Yr. 80 BOOK No. _____
 SURVEYOR A. Pendleton RODMAN _____ WEATHER _____ P.T.S. No. _____



LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		▲ BS ○ FS - SS	Station	FINAL ELEVATIONS	REMARKS	
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST	ROD					
		1320	89	41	25				11.4		-4.3	43.0		SP 33				
		0	90						5.0		-5.0	42.3	π	34				
	W	1320	89	47	10				11.4		+16.6	63.9		35				
		2640	89	08	50				11.4		+27.0	74.3	○	TS 1				
		✓	270	19	34				11.4				○	1				
			09															
	W	2640	89	09	52				11.4		-2.5	73.5	Δ	TS 1				
		✓	270	49	33				11.4				Δ	1				
		0	90						5.0		-6.0	68.6	π	34				
	E	3960	89	25	12				11.4		-12.4	61.8	○	31				
		✓	270	34	32				11.4			61.1	○	31				
	S	2960	89	40	37				11.4		-2.5	73.5	Δ	31				
		✓	270	19	04				11.4				Δ	31				
		0	90						5.0		-5.0	68.5	π	TR 1				
	N	1910	90	01	52				11.4		-12.4	61.8	○					
		✓	261	58	03				11.4			61.1	○	80319				
												61.1	π	Mistie				

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STADIA SURVEY NOTES

AREA Wainwright STATE Alaska PAGE No. 38
 LINE No. D4XW PARTY No. 1182 DATE Day 15 Mo. 1 Yr. 80 BOOK No. _____
 SURVEYOR A. Pendleton RODMAN _____ WEATHER _____ P.T.S. No. _____



LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A BS O FS - SS	Station	FINAL ELEVATIONS				REMARKS	
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction			Center Hair	INST.			ROD					
E	✓	3960	90	02	35			11.4		+11.3	88.6		A	TS.1	TAILSPREAD ON WEST END OF D4XW					
		2640	269	59	00			11.4					A	1						
		1320	89	56	30			11.4		-8.7	79.9			2						
		0	89	44	10			11.4		-5.3	83.3			3						
W	✓	1320	90	01	40			5.0		-5.0	83.6	π		4						
		2640	90	05	10			11.4		-12.0	76.6			5						
								11.4		-15.4	73.2			6						

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