

STADIA SURVEY NOTES

AREA Wainwright STATE Alaska PAGE No. 39
 LINE No. 712 PARTY No. 1182 DATE 17 Day 1 Mo. 80 Yr.
 SURVEYOR A. Pendleton RODMAN WEATHER P.T.S. No.



LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNER			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.			
	N	7425 6105 4205		Sea level											
		3465	90	09	00			11.4	-18.2	15.4	-2.8		TS 6		
		2145	90	11	05			11.4	-18.2		-2.8		5		
		825	90	16	10			11.4	-15.3		+0.1		4		
	S	0	90					5.0	-5.0		10.4	7	TP 1		
		495		89	27	20		11.4	+1.9		-17.3	0	SP 1	8.0397	
		✓		271	32	32		11.4				0	1		
	N	2145	90	29	53			11.4	+28.8	46.3		0	SP 1		
		✓		269	31	45		11.4				0	SP 1		
		825	90	29	05			11.4	-4.0		42.3		2		
	S	0	90					5.0	-5.0		41.3	7	2+820		
		495	90	00	50			11.4	-11.5		34.8		3		
		1815	89	46	30			11.4	-4.2		47.1		4		
		3135	89	26	55			11.4	+18.8		65.1	0	5		
		✓		270	32	40		11.4				0	5		

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA Wainwright STATE 1 PAGE No. 10
 LINE No. 712 PARTY No. 1182 DATE Day 17 Mo. 1 Yr. 80 BOOK No. _____
 SURVEYOR A. Pondleton 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			
	N	2640		90 26 06			11.4				+31.4	96.9		▲	SP.5	
		✓		269 33 33			11.4				✓			▲	5	
		1320		90 33 40			11.4				-24.5		72.4		6	
	S	0		90 —			5.0				-5.0		91.7	π	7	
		1320		88 18 00			11.4				+29.8		124.5		8	
		2640		89 31 05			11.4				+10.9		107.4	○	9	
		✓		270 28 20			11.4							○	9	
	N	1320		89 48 25			11.4				+7.1	114.5		▲	9	
		✓		270 16 59			11.4							▲	9	
	S	0		90 —			5.0				-5.0		109.5	π	10	
		1320		90 09 50			11.4				-13.2		101.3		11	
		2767		90 11 14			11.4				-17.2		96.9	○	11+338	
		✓		269 48 20			11.4						97.3	○	=8032	
				89 50 00			11.4							▲		
				270 04 15			11.4							▲		

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA Wainwright STATE Alaska PAGE No. 41
 LINE No. 712 PARTY No. 1182 DATE Day 17 Mo. 1 Yr. 80 BOOK No. _____
 SURVEYOR A. Pendleton RODMAN _____ WEATHER _____ P.T.S. No. _____



LINE	Bearing or Sight	Stadio 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			
												97.3	=	80324		
N	3513	✓	89 58 00			11.4				+6.4	103.8		Δ	SP 11 + 447	L-712 = SP 16 + 479 L-701	
	3545		270 04 15			11.4							Δ			
	2690		89 59 10			11.4				-10.3		93.5		SP 16	L-701	
	1320		89 54 35			11.4				-7.1		96.7		SP 12		
S	0		89 40 00			11.4				-3.7		100.1		13		
	1320		90			5.0				-5.0		98.8	π	14		
	2690		89 29 10			11.4				-1.4		102.4		15		
	✓		89 42 52			11.4				+1.8		105.4	○	16		
			270 16 28			11.4							○	16		
N	1320		89 55 10			11.4				+9.6	115.1		Δ	16		
	✓		270 04 21			11.4							Δ	16		
S	0		90			5.0				-5.0		110.1	π	17		
	1320		89 38 20			11.4				-3.0		112.1		18		
	1733		89 42 40			11.4				-2.8		112.2	○	18 + 413		
	✓		270 16 40			11.4							○	18 + 413	L-712 = SP 32 + 739 L-0115	
												112.3	=	80327		
												± 0.1	=	Mistie		

WORKED BY _____ CHECKED BY _____ 2nd _____ TI-588D

STADIA SURVEY NOTES

H

AREA Wainwright STATE Alaska PAGE No. 42
 LINE No. 712 PARTY No. 1182 DATE Day 17 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 Hair			INST.	ROD				▲ BS ○ FS - SS
	N	2227		89 48 54							+4.4	116.3	-112.3	=	803.29		
		✓		270 10 22							-11.4			Δ	518.413		
		2346		89 56 30							-11.4		107.4		57.38	L-D 12.15	
		1320		89 36 00							11.4		114.1		19		
	S	○		89 00 00							5.0		118.3	π	2.0		
		1320		89 06 36							11.4		125.5		2.1		
		2640		90 10 36							-11.4		98.7	○	22		
		✓		269 48 48							-11.4			○	22		
	N	1320		89 42 48							11.4			Δ	22		
		✓		270 10 27							-11.4			Δ	22		
	S	○		90							5.0		108.0	π	23		
		1320		89 48 00							11.4		118.6		24		
		1815		89 27 17							11.4		102.2	○	24+495		
		✓		270 32 05							-11.4			○	24+495		
	N	3465		89 36 50							11.4			Δ	24+495		
		✓		270 22 30							-11.4			Δ	24+495		
		2640		89 38 04							11.4						
		✓									+5.1		100.1		25		

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA Wainwright STATE Alaska PAGE No. 43
 LINE No. 712 PARTY No. 1182 DATE Day 17 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.			
										95.00					
	S	1320	89	49	20			11.4	-7.3		87.7	SP26			
		0	90					5.0	-5.0		90.0	K	29		
		1320	89	43	16			11.4	-4.9		90.1		28		
		2640	89	50	20			11.4	-3.8		91.2		29		
		3960	89	53	38			11.4	-4.1	16.8	90.9	0	30		
		✓	270	05	50			11.4				0	30		
	N	3960	89	55	50			11.4	+6.6	97.2		A	30		
		✓	270	03	35			11.4				A	30		
		2640	89	52	10			11.4	-5.2		92.0		31		
		1320	89	49	20			11.4	-5.4		91.8		32		
	S	0	90					5.0	-5.0		92.2	K	33		
		1320	89	28	10			11.4	+0.9		98.1		34		
		2640	89	43	55			11.4	+0.9	16.4	98.1	0	35		
		✓	270	15	33			11.4				0	35		
	N	2145	90	10	22			11.4	+18.0	115.8		A	35		
		✓	269	49	05			11.4				A	35		
		825	90	14	30			11.4	-15.4		100.4		36		

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

6

AREA Wainwright STATE Alaska PAGE No. 44
 LINE No. 712 PARTY No. 1182 DATE Day 19 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	Hoir Read	Reading	Correction	Center Hoir			INST.	ROD					
												115.8						
S	0		90	—				5.0			-5.0	110.8	π	36	32			
	495		90	33	60			11.4			-16.2	99.6			39			
	1815		90	07	50			11.4			-15.6	100.2	○		38			
	✓		269	51	44			11.4					○		38			
N	3940		89	53	42			11.4		+4.1	103.9		▲		38			
	✓		270	05	41			11.4					▲		38			
	2640		89	51	40			11.4		-4.9		99.0			39			
	1320		89	45	46			11.4		-5.9		98.0	✓		40			
S	0		90	—				5.0			-5.0	98.9	π		41			
	1320		89	45	40			11.4			-5.6	98.3			42			
	2640		89	51	40			11.4			-4.4	99.5			43			
	3960		89	50	40			11.4			-0.6	103.3	○		44			
	✓		270	08	57			11.4					○		44			
N	3960		89	54	14			11.4		+4.7	107.6		▲		44			
	✓		270	05	15			11.4					▲		44			
	2640		89	51	30			11.4			-4.9	102.9			45			
	1320		89	45	30			11.4			-5.8	101.8			46			

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA Wainwright STATE Alaska PAGE No. 45
 LINE No. 712 PARTY No. 1182 DATE Day 17 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					
												169.6						
	S	0	90	—				5.0		-5.0		102.6	π	SP47				
		132.0	89	39 00				11.4		-3.3		104.3		48				
		264.0	89	47 20				11.4		-1.5		106.1		49				
		396.0	89	40 47				11.4		+10.8		118.4	○	50				
		✓	290	18 44				11.4					○	50				
	E	246.0	89	47 57				11.4		+3.2	121.4		A	50				
		✓	276	10 32				11.4					A	50				
	W	0	90	—				5.0		-5.0		116.4	π	TP1				
		200.0	90	06 20				11.4		-15.1		108.8	○					
			269	53 00				11.4				106.3	○	80348				
												± 2.5	=	Mistle				

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA Wainwright STATE Alaska PAGE No. 46
 LINE No. 712 PARTY No. 1182 DATE Day 17 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.	ROD			
	N	3960		89 54 10				11.4		+4.7	123.1	116.4	=	SP 50		
		✓		270 00 10				11.4					▲	SP 50		
		2640		89 50 00				11.4		-3.6		119.5	Δ	50		
		1320		89 39 10				11.4		-3.4		119.7		51		
	S	0		90 - -				5.0		-5.0		-118.1	X	52		
		1320		90 00 00				11.4		-11.4		117.7		TS 1		
		2140		90 15 10				11.4		-22.9		100.2		2		
		3960		90 03 30				11.4		-15.1		108.0		3		
		5280		90 01 20				11.4		-12.9		110.2		4		
		6600		90 00 00				11.4		-11.8		111.3		5		
		7920		89 59 10				11.4		-8.2		114.9		6		

WORKED BY _____ CHECKED BY _____ 2nd _____