

## STADIA SURVEY NOTES

AREA NPR 4 STATE or PROVINCE Alaska PAGE No. 127  
 LINE No.(s) B-10A PARTY No. 1182 DATE 16 Day 2 Mo. 78 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR D Helander RODMAN D May WEATHER: -20° clear P.T.S. No. \_\_\_\_\_

LINE No.	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1					Elevation					1-32	SP 42					
2										4	LINE 2		13.4			
3																
4	NE	710	/							2.2	7.2	7.3	20.7	Δ		
5			/	270°10'						9.5				✓		
6			/													
7		0	/							5.6		5.6	15'		SP 44+160	
8			/													
9	SW	220	/							6.1	6.1	6.1	14.6	○	Int. L-B2+L-B10A	
10			/	270°10'						6.7				✓	SP 106+102 L-B10A	
11			/													
12	NW	118	/							6.0	6.0	6.0	20.6	Δ		
13			/	270°10'						6.3				✓		
14		250	/							4.4		4.4	16.2		47	L-B2 15.5 -0.7
15		250	/							5.7		5.7	14.9		46	L-B2 13.9 -1.0
16		220	/							5.6		5.6	15.0		106	tie
17		440	/							5.5		5.5	15'		105	
18		660	/							5.5		5.5	15'		104	
19		880	/							5.5		5.5	15'		103	
20			/													

TI-588B

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D Helander

CHECKED BY 1st

B R Benedict

2nd

JM

AREA NPR 4 STATE or PROVINCE Alaska PAGE No. 128  
 LINE No.(s) B10A PARTY No. 1182 DATE 16 Day 2 Mo. 78 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR D Nelander RODMAN D May WEATHER: -20° clear P.T.S. No. \_\_\_\_\_

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		AB.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												20.6				
2	NW	660	/						5.5	55		151		104	}	
3		890	/						5.5	55		151		103		
4		1100	/						5.6	56		15		102		
5		1320	/						5.5	55		151		101		
6		1513	/						5.3	53		153		754		
7		1733	/						5.4	54		152		8		
8		1953	/						5.4	54		152		12		
9		2173	/						5.4	54		152		16		
10		2393	/						5.5	55		151		20		
11		2613	/						5.4	54		152		24		
12																
13		0							5.6	56		15		107		
14	SE	220	/						5.0	50		156		108		
15		440	/						4.9	49		157		109		
16		660	/						4.6	46		160		110		
17		880	/						5.0	50		156		111		
18		1100	/						5.3	53		153		112		
19		1320	/						5.7	57		149		113		
20																

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AREA NPR 4 STATE or PROVINCE Alaska PAGE No. 129  
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LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		▲B.S. OF.S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction			Center Hair	INST.			
1											20.6				
2	SE	1540	/					6.7			139		114		
3		1760	/					8.8	8.7	8.8	11.8	⊙	115		
4				270°10'				14.1				✓			
5															
6	NW	660	/					7.3	7.3	7.3	19.1	Δ			
7	NW	650	/	270°10'				9.3				✓			
8		440	/					9.6		9.6	9.5		116		
9		220	/					8.8		8.8	10.3		117		
10		0	/					5.6		5.6	13.5		118		
11	SE	220	/					4.0		4.0	15.1		119		
12		440	/					5.4		5.4	13.7		120		
13		660	/					6.0		6.0	13.1		121		
14		880	/					6.3		6.3	12.8		122		
15		1100	/					6.5		6.5	12.6		123		
16		1320	/					6.8		6.8	12.3		124		
17		1540	/					7.0	7.0	7.1	12.0	⊙	125	INT. L-B10A L-B2A	
18				270°10'				11.7				✓			
19															
20															

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## STADIA SURVEY NOTES

AREA NPR4 STATE or PROVINCE Alaska PAGE No. 130  
 LINE No.(s) B10A PARTY No. 1182 DATE 16 Day 2 Mo. 78 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR D. Helander RODMAN D May WEATHER: -20° clear P.T.S. No. \_\_\_\_\_

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD		
1															
2	NW	1540	/						10.2	10.2	10.2	22.2			
3				270°10'					14.8						
4		1330	/						10.6		10.6		11.6	55	L-BZA 10.3+1.3
5		1330	/						9.5		9.5		12.7	54	L-BZA 12.0-0.7
6		1320	/						10.5		10.5		11.9	126	tie
7		1100	/						10.1		10.1		12.1	127	
8		880	/						10.0		10.0		12.2	128	
9		660	/						9.9		9.9		12.3	129	
10		440	/						8.4		8.4		13.8	130	
11		220	/						7.2		7.2		15.0	131	
12		0	/						5.6		5.6		16.6	132	
13	SE	220	/						6.0		6.0		16.2	133	
14		440	/						4.5		4.5		18.9	134	
15		660	/						3.0		3.0		19.2	135	
16		880	/						3.0	3.0	3.1	19.2		136	
17				270°10'					5.7						
18															
19															
20															

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Don Helander

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B.R. Benedict

2nd

Jim

## STADIA SURVEY NOTES

AREA NPR4 STATE or PROVINCE Alaska PAGE No. 131  
 LINE No.(s) B-10A PARTY No. 1192 DATE 16 Day 2 Mo. 78 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR D Helander RODMAN D May WEATHER: -20° clear P.T.S. No. \_\_\_\_\_

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		B.S. OF.S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2	NW	1540	/						3.9	3.9	3.9	23.1	19.2			
3				270°10'					8.5					Δ		
4		1320	/						4.0		4°		19'		137	
5		1100	/						4.1		41		19°		138	
6		880	/						4.1		41		19°		139	
7		660	/						4.4		44		187		140	
8		440	/						4.8		48		183		141	
9		545	/						4.8		48		183		14105	Int. L-B4, L-B10A
10		260	/						4.8		48		183		56	L-B4
11		250	/						4.8		48		183		57	L-B4 18.3
12		220	/						4.7		47		187		142	15.7 SP57 B-4
13		0	/						5.6		56		175		143	(+2.6 TIE)
14	SE	220	/						5.5		55		176		144	
15		440	/						5.3		53		178		145	
16		660	/						4.8		48		183		146	
17		880	/						4.7		47		187		147	
18		1100	/						4.5		45		186		148	
19		1320	/						4.2		42		189		149	
20																

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AREA NPR4 STATE or PROVINCE Alaska PAGE No. 132  
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LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Δ B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												23.1				
2	SE	1540	✓						4.2	4.2	4.2		18.9	Q	150	
3				270°10'					3.8					✓		
4																
5	NW	1540	✓						6.1	6.1	6.1	25.0		Δ		
6				270°10'					10.7					✓		
7		1320	✓						6.0			19°			151	
8		1100	✓						6.0			19°			152	
9		880	✓						5.8			19.2			153	
10		660	✓						5.8			19.2			154	
11		440	✓						5.7			19.1			155	
12		220	✓						5.9			19.1			156	
13		0	✓						5.6			19.4			157	
14	SE	220	✓						5.0			20			158	
15		440	✓						4.5			20.5			159	
16		660	✓					T	4.1			24.2			160	
17		880	✓					T	6.2	4.4		23.2			161	
18		1023	✓					T	7.0	5.1		23.1			161+143	k-B3, l-B10A
19		1070	✓						3.1			21.9			36	k-B3
20																Tie on B3

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**STADIA SURVEY NOTES**

AREA NPR 4 STATE or PROVINCE Alaska PAGE No. 123  
 LINE No.(s) B-10A PARTY No. 1182 DATE 16 Day 2 Mo. 78 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR D Helander RODMAN D May WEATHER: -20° clear P.T.S. No. \_\_\_\_\_

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												25.0				
2	SE	1065	/			T	7.6	5.3		-0.7	+0.7		25.7		35	L-B3 TIE
3		1100	/			T	7.2	5.5			-1.7		23.3		162	shown on B-3
4		1320	/			T	7.3								163	
5		1540	/			T	7.4			0.3	0.3		25.3	0	164	
6				270° 10'					4.3					✓		
7		1705	/			T	8.5						25.1		754	
8		1925	/			T	10.9			1.2			23.8		8	
9		2145	/			T	14.4						21.4		12	
10		2365	/			T	14.5						22.5		16	
11		2585	/			T	12.2						35.9		20	
12		2805	/			T	13.0						26.2		24	
13																
14																
15																
16																
17																
18																
19																
20																

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