

**STADIA SURVEY NOTES**

AREA NPR #4 STATE or PROVINCE Alaska PAGE No. 145  
 LINE No.(s) B-11 PARTY No. 1182 DATE 18 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					Elevation Takeoff				TR	STATION ELSON		10'				
2																
3	N	805							2.6	2.6	2.7	12.7	Δ			
4				270°10'					5.1				✓			
5																
6	S	660							7.7	7.7	7.7	5.0	○	132	L-B3	
7				270°10'					9.6				✓			
8																
9	NE	1760	✓						4.9	4.8	5.0	10.0	Δ			
10				270°10'					10.3				✓			
11																
12		0							5.6					124		
13	SW	2420	✓				T	13.3	1.1	1.2		8.8	○	113+4		
14				270°10'					8.5				✓			
15																
16	NE	225	✓						5.3	5.3	5.3	14.1	Δ			
17				270°10'					6.0				✓			
18																
19		0							5.6					112		
20																

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*D. Helander*

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*JM*

2nd

**STADIA SURVEY NOTES**

AREA NPR# 4 STATE or PROVINCE Alaska PAGE No. 146  
 LINE No.(s) B-11 PARTY No. 1182 DATE 18 Day 2 Mo. 78 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR D Helander RODMAN D May WEATHER: -70° clear P.T.S. No. \_\_\_\_\_

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Center Hair	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				INST.	ROD			
1											14.1					
2	SW	440	/			T	4.7		2.5	2.5		11.5	⊙	110		
3				270°10'				3.8					✓			
4																
5	NE	1540	/			T	10.6		2.9	3.0	14.5		Δ			
6				270°10'				7.6					✓			
7		0						5.6						103		
8	SW	1760	/					7.0	6.9	7.0		7.4	⊙	95		
9				270°10'				12.3					✓			
10																
11	NE	1540	/					5.3	5.3	5.4	12.8		Δ			
12				270°10'				10.0					✓			
13		0						5.6						88		
14	SW	1760	/					4.2	4.1	4.2		8.6	⊙	80		
15				270°10'				9.5					✓			
16																
17																
18																
19																
20																

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**STADIA SURVEY NOTES**

AREA NPR<sup>#</sup>4 STATE or PROVINCE Alaska PAGE No. 153  
 LINE No.(s) B 11 PARTY No. 1182 DATE 19 Day 2 Mo. 78 Yr. BOOK No.  
 SURVEYOR D Helander RODMAN D May WEATHER: -20° 10 mph 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																
3																
4		220	✓						5.1	5.1	5.1	13.7		Δ		
5				270°10'					5.8					✓		
6		0							5.6		5.6		8.1		57	
7		220	✓						4.5		4.5		9.2		56	
8		440	✓						4.6		4.6		9.1		55	
9		660	✓						4.7		4.7		9.0		54	
10		880	✓						4.8		4.8		8.9		53	
11		1100	✓						4.7		4.7		9.0		52	
12		1320	✓						4.7		4.7		9.1		51	
13		1540	✓						4.7		4.7		9.1		50	
14		1760	✓						4.1		4.1		9.7		49	
15		1980	✓						3.4		3.4		9.9		48	
16		2200	✓						2.9		2.9		10.9		47	
17		2420	✓						3.3	3.2	3.1		10.6	○	46	
18				270°10'					10.2					✓		
19																
20																

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### STADIA SURVEY NOTES

AREA NPR #4 STATE or PROVINCE Alaska PAGE No. 154  
 LINE No.(s) B-11 PARTY No. 1182 DATE 19 Day 2 Mo. 78 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR D Helander RODMAN D May WEATHER: -20° 10 mph. 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												10.6			
2		2000	/						6.3	6.2	6.4	17.0			
3			/	270°10'					12.4						
4		1782	/						6.0		6.0	11.0		45	
5		1562	/						5.6		5.6	11.4		44	
6		1342	/						5.5		5.5	11.5		43	
7		1122	/						5.4		5.4	11.6		42	
8		902	/						5.3		5.3	11.7		41	
9		682	/						5.2		5.2	11.8		40	
10		462	/						5.5		5.5	11.5		39	
11		242	/						5.7		5.7	11.3		38	
12		0	/						5.2		5.2	11.8		36+198 Int B11+B4	
13		140	/						5.3		5.3	11.7		89 B-4 10 + 1.8	
14		80	/						6.0		6.0	11.0		90 B-4 10 + 0.6	
15		198	/						6.2		6.2	10.8		36	
16		418	/						6.0		6.0	11.0		35	
17		638	/						6.0		6.0	11.0		34	
18		858	/						5.9		5.9	11.1		33	
19		1078	/						5.9		5.9	11.1		32	
20															

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### STADIA SURVEY NOTES

AREA NPR\*4 STATE or PROVINCE Alaska PAGE No. 155  
 LINE No.(s) B-11 PARTY No. 1182 DATE 19 Day 2 Mo. 78 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR D Melander RODMAN D May WEATHER: -20° 10mph. 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												17.0				
2		1298	/												31	
3		1518	/						5.3	5.3	5.2		11.6	⊙	30	
4				270°10'					9.9					✓		
5																
6		1510	/						8.5	8.5	8.6	20.2		△		
7				270°10'					13.1					✓		
8		1290	/						8.4		8.4		11.8		29	
9		1070	/						8.1		8.1		12.1		28	
10		850	/						8.0		8.0		12.2		27	
11		630	/						7.6		7.6		12.6		26	
12		413	/						7.1		7.1		13.1		25	
13		193	/						7.0		7.0		13.0		24	See PAGE 150
14		0	/						5.5		5.5		14.7		23+27	Int B11, B2A
15		45	/						6.1		6.1		14.1		83	L-B2A 14.8 -0.7
16		175	/						5.5		5.5		14.7		84	L-B2C 10.8 + 3.9
17		25	/						5.7		5.7		14.5		23	
18		245	/						5.9		5.9		14.3		22	
19		465	/						6.3		6.3		13.9		21	
20																

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### STADIA SURVEY NOTES

AREA NPR #4 STATE or PROVINCE Alaska PAGE No. 156  
 LINE No.(s) B-11 PARTY No. 1182 DATE 20 Day 2 Mo. 78 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR D Helander RODMAN D May WEATHER: C 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.			
1											20.2				
2		685						5.8	5.8		14.4		20		
3		705						7.0	7.0		13.2		19		
4		1125						10.1	10.1		10.1		18		
5		1345						12.2	12.2		8.0		17		
6		1565						12.4	12.4		7.8		16		
7		1785						12.6	12.6		7.6		15		
8		2005		90°10'				14.6	20.3	20.4	-0.2	⊙	14		
9				269°42'				10.0				✓			
10															
11		1615						10.9	10.8	10.9	10.7		Δ		
12				77°05'				13.4					✓		
13		1395						8.6	8.6		2.1		13		
14		1175						5.2	5.2		5.5		12		
15		955						2.6	2.6		8.1		11		
16		735						3.0	3.0		7.7		10		
17		515						3.9	3.9		6.8		9		
18		295						3.9	3.9		5.9		8		
19		75						5.0	5.0		5.7		7		
20															

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**STADIA SURVEY NOTES**

AREA NPR #4 STATE or PROVINCE Alaska PAGE No. 157  
 LINE No.(s) B-11 PARTY No. 1182 DATE 20 Day 7 Mo. 78 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR D. Mander RODMAN D. May WEATHER: -10° 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												10.7			
2		0								5.3	5.3	5.4		6+146	INT. L-B11 + L-B2
3		220								5.1	5.1	5.6		SP 25	72 + 2'
4		220								7.2	7.2	3.5		SP 23	54 - 19
5		145								5.6	5.6	5.1		6	
6		865								4.5	4.5	6.2		5	
7		585								3.3	3.3	7.4		4	
8		205								2.2	2.2	8.5		3	
9		1025								1.6	1.6	9.1		2	
10		1245								1.5	1.5	9.2	0	1	
11				270° 10'						3.3	1.5	1.6	9.1		✓
12		1410								1.2	1.2	9.5		TS 4	
13		1630								1.2	1.2	9.5		8	
14		1850								1.6	1.6	9.1		12	
15		2070								1.9	1.9	8.8		16	
16		2290								2.3	2.3	8.4		20	
17		2510								2.3	2.3	8.4		24	
18															
19															
20															

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### STADIA SURVEY NOTES

AREA NPR 4 STATE or PROVINCE ALASKA PAGE No. 158  
 LINE No.(s) B 11 PARTY No. 1182 DATE 21 Day 2 Mo. 78 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR G. Myers RODMAN D. May WEATHER: \_\_\_\_\_ 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																	
3																	
4	NW	2200	/						3.6	3.5	3.7	12.3					
5		✓	/	270'10"					10.4								
6		1980	/						4.0				9.3			58	
7		1760	/						4.3				8.0			59	
8		1590	/						4.5				7.8			60	
9		1320	/						4.8				7.5			61	
10		1100	/						4.9				7.5			62	
11		980	/						4.7				7.6			63	
12		660	/						4.7				7.6			64	
13		490	/						4.7				7.6			65	
14		220	/						4.8				7.5			66	
15		0	/						5.2				7.1			67	
16	SE	220	/						5.5				6.8			68	
17		440	/						5.9				6.4			69	
18		660	/						6.4				5.9			70	
19		880	/						6.6				5.7			71	
20		1100	/						6.8				5.5			72	

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**STADIA SURVEY NOTES**

AREA NPRA

STATE or PROVINCE ALASKA

PAGE No. 159

LINE No.(s) B11

PARTY No. 1182

DATE 21 Day 2 Mo. 78

Yr. BOOK No. \_\_\_\_\_

SURVEYOR G. Myers

RODMAN D. May

WEATHER: overcast

P.T.S. No. \_\_\_\_\_

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.S. OF.S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												12.3				
2	SE	1320	/										5.3		73	
3		1540	/										5.3		74	
4		1760	/										4.9		75	
5		1980	/										4.6		76	
6		2200	/										4.3	⊙	77	
7		✓		270°10'										✓		
8																
9	NW	2200	/													△
10		✓		270°10'												✓
11		1980	/										4.7		78	
12		1760	/										5.1		79	
13		1540	/										5.3		80	
14		1320	/										4.8		81	
15		1100	/										4.7		82	
16		880	/										4.3		83	
17		660	/										4.3		84	
18		440	/										3.8		85	
19		220	/										3.4		86	
20		0											1.4		87	

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### STADIA SURVEY NOTES

 AREA NPR 4

 STATE or PROVINCE ALASKA

 PAGE No. 1600

 LINE No.(s) B11

 PARTY No. 1182

 DATE 21 Day 2 Mo. 78 Yr.

BOOK No.

 SURVEYOR G. Myers

 RODMAN D. May

 WEATHER: overcast

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												6.8			
2	SE	220	/					2.5				4.3		88	
3		440	/					3.2				3.6		89	
4		660	/			T	3.3					3.3	6.8	90	
5		880	/			T	1.7		27	1.2		8.0	0	91	
6		✓		270°20'				5.5					✓		
7															
8	NW	880	/					9.8	9.8	9.8	17.8		Δ		
9		✓		270°10'				2.9					✓		
10															
11	WN	1030	/					7.5	9.5	9.5		(8.3)	0	Bar # 78359 [11.3]	
12		✓		270°10'				12.5			take off	(11.3)	✓		4.5
13															
14		1030	/					9.5	9.5	9.5	20.8		Δ		-3.0 tie
15		✓		270°10'				12.5					✓		
16	NW	600	/					8.3				12.5		97	
17		440	/					6.2				14.6		93	
18		220	/					5.7				15.1		94	
19		0	/					5.2				15.6		95	
20	SE	220	/					6.3				14.5		96	

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**STADIA SURVEY NOTES**

AREA NPR 4 STATE or PROVINCE Alaska PAGE No. 161  
 LINE No.(s) B11 PARTY No. 1182 DATE 21 Day 2 Mo. 78 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR G. Myers RODMAN D. May WEATHER: overcast 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	Correction	Center Hair			INST.	ROD		
1												20.8			
2	SE	440	/									13.5		97	
3		660	/									13.1		98	
4		880	/									12.7		99	
5		1100	/									12.7	⊙	100	
6		✓		27°16'										✓	
7															
8	NN	2200	/												
9		✓		27°16'										✓	
10		1980	/									12.6		101	
11		1760	/									12		102	
12		1540	/									11.5		103	
13		1320	/									11.3		104	
14		1100	/									11.1		105	
15		880	/									10.8		106	
16		660	/									11.4		107	
17		440	/									12.5		108	
18		220	/									13.3		109	
19		0	/									13.6		110	
20	SE	220	/									14.2		111	

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AREA NPR 4 STATE or PROVINCE Alaska PAGE No. 162  
 LINE No.(s) B11 PARTY No. 1182 DATE 21 Day 2 Mo. 78 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR G. Myers RODMAN D. May WEATHER: overcast 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												19.0				
2	SE	740	/									15.3		112		
3		660	/									15.2		113		
4		880	/									16.0		114		
5		1100	/									16.2		115		
6		1320	/									16.1		116		
7		1540	/									16.0		117		
8		1760	/									16.0		118		
9		1980	/											119		
10		2200	/							2.6	2.7		16.2	⊙	120	
11		✓		270°10										✓		
12																
13	NW	2200	/							4.9	5.0	21.2		△	121	
14		✓		270°10										✓	122	
15		1980	/									16.5		121		
16		1760	/									16.0		122		
17		1540	/	2								15.2		123		
18		1320	/									15.5		124		
19		1100	/									15.4		125		
20		880	/									15.3		126		

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**STADIA SURVEY NOTES**

AREA NPR 4 STATE or PROVINCE ALASKA PAGE No. 163  
 LINE No.(s) B11 PARTY No. 1182 DATE 21 Day 2 Mo. 78 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR G. Myers RODMAN D. May WEATHER: \_\_\_\_\_ 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												21.2				
2	NNW	660	/									15.3		127		
3		440	/									15.4		128		
4		220	/									15.4		129		
5		0	/									15.8		130		
6	SE	220	/									16.0		131		
7		490	/									16.2		132		
8		660	/									16.7		133		
9		880	/									15.7		134		
10		1100	/									14.3		135		
11		1320	/									13.3		136		
12		1540	/									13.4		137		
13		1760	/									13.3		138		
14		1990	/									13.3		139		
15		2140	/									13.2		SP48	Ln BGA(16.9)	(-3.7)
16		2140	/									15.5		50	BGA(18.1)	(-2.6)
17		2320	/									13.6		149	(SP:13.9 + 10.6 EIBGA)	
18		✓		270°10'						7.7	7.6			✓	(17.5)	(-3.9)
19																
20																

TI-588B

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2nd \_\_\_\_\_

**STADIA SURVEY NOTES**

AREA NPR 4

STATE or PROVINCE ALASKA

PAGE No. 164

LINE No.(s) B11

PARTY No. 1182

DATE 21 Day 2 Mo. 78 Yr.

BOOK No. \_\_\_\_\_

SURVEYOR G. Myers

RODMAN D. May

WEATHER: 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													13.6			
2	NW	2320	/						5.5	5.4	5.5	19.1		△		
3		✓		270°10'					12.5					✓		
4		2200	/						5.7			13.4			140	
5		1980	/						5.2			13.9			141	
6		1760	/						4.8			14.3			142	
7		1540	/						4.5			14.6			143	
8		1320	/						4.3			14.8			144	
9		1100	/						4.0			15.0			145	
10		880	/						3.8			15.3			146	
11		660	/						3.1			14.0			147	
12		440	/						5.05			13.6			148	
13		220	/						6.0			13.1			149	
14		0	/						5.4			13.7		⊙	150	
15	NE	900	/				T	3.0		1.5	1.4	20.5		⊙	7.714	B-25.4 (-4.9)
16		✓		270°10'					1.4			25.4		✓		
17								10.0								
18		2200	/				T	9.3		1.9	1.6	23.8		△		
19		✓		270°10'					5.1					✓		
20															150	

TI-588B

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**STADIA SURVEY NOTES**

AREA NPR 4 STATE or PROVINCE Alaska PAGE No. 165  
 LINE No.(s) B11 PARTY No. 1182 DATE 21 Day 2 Mo. 79 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR G. Myers RODMAN D. May WEATHER: 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												23.8				
2	NW	1180	/						9.0			17.8		151		
3		960	/						7.3			16.0		152		
4		740	/						6.9			17.3		153		
5		520	/						5.3			18.5		154		
6		300	/						5.5			18.3		155		
7		80	/						5.7			18.1		156		
8		0	/						5.5			18.3		156 + 33	(7356 (172))	
9	SE	220	/						6.5			17.3		72		tie
10		220	/						5.3			18.5		74		
11		140	/						5.7			18.1		157		
12		360	/						5.5			18.3		158		
13		580	/						5.3			18.5		159		
14		800	/						5.3	5.3	5.3	19.5	0	160		
15		✓		270°					7.6					✓		
16																
17	NW	1760	/						6.7	6.6	6.7	25.3		161		
18		✓		270°					12.0					✓		
19		1540	/						6.9			18.4		161		
20		1320	/						7.1			18.2		162		

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### STADIA SURVEY NOTES

AREA NPR 4 STATE or PROVINCE Alaska PAGE No. 166  
 LINE No. (s) B11 PARTY No. 1182 DATE 21 Day 2 Mo. 78 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR G. Myers RODMAN D. May WEATHER: overcast P.T.S. No. \_\_\_\_\_

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	Correction	Center Hair			INST.	ROD			
1												25.3				
2	NW	1100	/										18.0		163	
3		880	/										18.4		164	
4		1060	/										18.8		165	
5		440	/										19.3		166	
6		220	/										19.6		167	
7		0	/										19.9		168	
8	SE	270	/										20.2		169	
9		440	/										20.3		170	
10		660	/										20.5		171	
11		880	/										20.6		172	
12		1100	/										20.8		173	
13		1320	/												174	
14		✓		270° 10'						4.2	4.1		21.1	0		✓
15																
16	NW	1320	/													
17		✓		270° 10'						5.6	5.6	26.8		Δ		✓
18		1270	/													
19		1300	/										21.0		174+42 EBS	
20		1310	/										21.0		81 B5 (20.9) (+0.1)	
													20.2		82.1 B5 (20.9) (-0.6)	

TI-588B

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### STADIA SURVEY NOTES

AREA NPR 4 STATE or PROVINCE Alaska PAGE No. 167  
 LINE No.(s) B11 PARTY No. 1182 DATE 21 Day 2 Mo. 78 - Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR G. Myers RODMAN D. May WEATHER: overcast P.T.S. No. \_\_\_\_\_

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.S. OF.S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												26.8				
2	NN	1100	/						5.9			21.0		175		
3		880	/						5.9			20.9		176		
4		660	/						5.9			20.9		177		
5		190	/						6.2			20.6		178		
6		220	/						5.6			21.2		179		
7		0	/						5.4			21.4		180		
8	SE	220	/						5.5			21.3		181		
9		490	/						5.7			21.1		182		
10		660	/						5.5			21.3		183		
11		880	/						5.3			21.5		184		
12		1100	/						5.2			21.6		185		
13		1320	/						6.9			20.9		186		
14		1540	/						6.8			20.0		187		
15		1760	/						7.9	7.3	7.3	19.4	0	188		
16		✓		27°16'					12.5					✓		
17																
18	NN	1420	/						3.6	3.6	3.6	23.0		△		
19		✓		27°10'					7.9					✓		
20																

TI-568B

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**STADIA SURVEY NOTES**

AREA NPR. 4 STATE or PROVINCE Alaska PAGE No. 168  
 LINE No.(s) B11 PARTY No. 1182 DATE 22 Day 2 Mo. 78 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR G. Myers RODMAN D. May WEATHER: cloudy, wind P.T.S. No. \_\_\_\_\_

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		▲B.S. ○F.S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												23.0				
2	NW	1200	/									19.0		189		
3		980	/									17.7		190		
4		760	/									16.2		191		
5		540	/									16.4		192		
6		320	/									16.7		193		
7		100	/									17.0		194		
8		0										17.0		194+101	EBT (Common 509) 116.2	
9	NE	220	/									17.0		89	B7 16.4 (+0.6) (+0.8)	
10	SW	220	/									16.3		91	B7 15.9 (+0.4)	
11	SE	120	/									16.8		195		
12		340	/									16.7		196		
13		560	/									16.6		197		
14		780	/									16.5		198		
15		1000	/									16.4		199		
16		1220	/								6.6	6.6	6.8	16.5	⊙	200
17				270 1/2								10.9			✓	
18																
19	NW	2200	/							5.0	5.0	21.5			△	
20				270 1/2								11.5			✓	

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### STADIA SURVEY NOTES

AREA NPR 4 STATE or PROVINCE Alaska PAGE No. 169  
 LINE No.(s) B11 PARTY No. 1182 DATE 22 Day 2 Mo. 78 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR G. Myers RODMAN D. May WEATHER: wind, haze 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	Correction	Center Hair			INST.	ROD		
1												21.5			
2	NW	1980	/									16.4		201	
3		1760	/									16.3		202	
4		1540	/									16.3		203	
5		1320	/									16.5		204	
6		1100	/									17.0		205	
7		880	/									27.6		206	*
8		660	/									17.0		207	
9		440	/									16.5		208	
10		220	/									16.0		209	
11		0										16.1		210	
12	SE	220	/									16.0		211	
13		440	/									15.8		212	
14		660	/									15.4		213	
15		880	/									15.4		214	
16		1100	/									15.5		215	
17		1320	/									15.5		216	
18		1540	/									15.5		217	
19		1760	/									15.6		218	
20		1980	/									15.6		219	

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### STADIA SURVEY NOTES

AREA NPR 4 STATE or PROVINCE Alaska PAGE No. 170  
 LINE No.(s) B 11 PARTY No. 1182 DATE 22/23 Day 2 Mo. 78 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR G. Myers RODMAN O. Hay WEATHER: overcast - clear horizon 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	Correction	Center Hair			INST.	ROD		
1												21.5			
2	SE	2200	/						5.5	5.4	5.5		16.1	0	220
3		✓		270° 10'					12.0					✓	
4															
5	NW	1820	/						6.3	6.2	6.3	22.4		Δ	
6		✓		270° 10'					11.8					✓	
7		1800	/						5.8				16.5		221
8		1380	/						4.5				12.8		222
9		1160	/						3.8				18.5		223
10		940	/						4.6				17.7		224
11		720	/						5.2				17.1		225
12		500	/						5.9				16.4		226
13		280	/						5.9				16.4		227
14		60	/						5.9				16.4		228
15		0	/						6.1	Take off from SP		17.0			228 + 60 = 288 (SP 192) 199 + 2.1
16	NE	220	/						6.1	193 Ln B8		16.3			191 88 14.7 + 1.6
17	SW	220	/						5.6		14.3	16.8	Δ		193 88 14.8 + 2.0
18	SE	160	/						6.1			16.2			229
19		380	/						6.0			16.3			230
20		600	/						5.9			16.4			231

TI-569B

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2nd \_\_\_\_\_

### STADIA SURVEY NOTES

AREA NPR 4 STATE or PROVINCE Alaska PAGE No. 171  
 LINE No. (s) 616 PARTY No. 1182 DATE 23 Day 2 Mo. 78 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR G. Myers RODMAN D. Hay WEATHER: Overcast, clear horizon 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	Correction	Center Hair			INST.	ROD			
1												20.4				
2	SE	820	/						5.9	5.9			16.4		232	
3		1070	/						5.8	5.8	5.8		14.6	(O)	233	
4		✓		270°10'					8.9					✓		
5																
6	NW	2700	/						6.3	6.2	6.3		20.9	△		
7		✓		270°10'					12.9					✓		
8		1980	/						6.3				14.6		234	
9		1760	/						6.4				14.5		235	
10		1540	/						6.5				14.4		236	
11		1320	/						6.4				14.5		237	
12		1100	/						6.2				14.7		238	
13		880	/						6.0				14.0		239	
14		660	/						5.9				15.0		240	
15		440	/						5.8				15.1		241	
16		220	/						5.7				15.2		242	
17		0	/						5.9				15.0		243	
18	SE	270	/						6.0				14.9		244	
19		440	/						6.4				14.5		245	
20		660	/						6.5				14.4		246	

TI-569B

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### STADIA SURVEY NOTES

AREA NPR 4 STATE or PROVINCE Alaska PAGE No. 172  
 LINE No.(s) B11 PARTY No. 1182 DATE 23 Day 2 Mo. 78 Yr. BOOK No.  
 SURVEYOR G. Myers RODMAN D. May WEATHER: overcast - clear bright P.T.S. No.

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction				INST.	ROD			
1												20.9				
2	SE	880	/					7.1				13.8		247		
3		1100	/					7.5				13.4		248		
4		1320	/					7.7				13.2		249		
5		1540	/					8.0				12.9		250		
6		1760	/					8.3				12.6		251		
7		1980	/					8.0				12.9		252		
8		2200	/					7.7	74	78		13.1	⊙	253		
9		✓		27°10'				14.5					✓			
10																
11	NW	2200	/					7.5	74	73	20.4		Δ			
12		✓		27°10'				13.7					✓			
13		1980	/					7.6				12.8		254		
14		1760	/					7.9				12.6		255		
15		1540	/					8.0				12.4		256		
16		1320	/					7.8				12.4		257		
17		1100	/					7.7				12.7		258		
18		980	/					7.6				12.8		259		
19		660	/					7.3				13.1		260		
20		440	/					6.8				13.6		261		

TI-588B

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### STADIA SURVEY NOTES

 AREA NPR4

 STATE or PROVINCE Alaska

 PAGE No. 173

 LINE No.(s) B11

 PARTY No. 1132

 DATE 23 Day 2 Mo. 78 Yr.

BOOK No.

 SURVEYOR G. Myers

 RODMAN D. May

 WEATHER: over cast

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	Correction	Center Hair			INST.	ROD		
1												20.4			
2	NW	220	/									14.1		262	
3		0	/									14.4		263	
4	SE	220	/									14.2		264	
5		440	/									14.3		265	
6		660	/									14.7		266	
7		880	/									15.0		267	
8		1100	/									14.9		268	
9		1320	/									14.9		269	
10		1540	/									15.4		270	
11		1760	/									15.5		271	
12		1940	/									15.6		272	
13		2200	/									15.7	①	273	
14		✓		270°10'						4.6	4.7			✓	
15															
16	NW	2200	/											△	
17		✓		270°10'										✓	
18		1980	/												
19		1760	/									16.0		274	
20		1540	/									16.4		275	
												16.7		276	

TI-688B

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2nd

### STADIA SURVEY NOTES

AREA NPR 4 STATE or PROVINCE Alaska PAGE No. 174  
 LINE No.(s) B11 PARTY No. 1192 DATE 23 Day 2 Mo. 78 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR G. Myers RODMAN D. May WEATHER: overcast 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												21.7				
2	NW	1320	/						4.8			16.9		277		
3		1100	/						4.7			17.0		278		
4		880	/						4.6			17.1		279		
5		660	/						4.8			16.9		280		
6		440	/						5.2			16.5		281		
7		220	/						5.6			16.1		282	(# B23 SP4)	
8		0							5.6			16.1		283		
9	SE	220	/						5.0			16.7		284		
10		440	/						4.5			17.2		285		
11		660	/						4.9			16.8		286		
12		880	/						4.8			16.9		287		
13		1100	/						4.2			17.5		288		
14		1320	/						4.2			17.5		289		
15		1540	/						4.3			17.4		290		
16		1760	/						5.2			16.5		291		
17		1980	/						5.1			16.6		292		
18		2200	/						5.0	4.9	5.0	16.7	☐	293		
19		✓		270°					11.6				✓			
20																

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2nd \_\_\_\_\_



### STADIA SURVEY NOTES

 AREA NPR 4

 STATE or PROVINCE Alaska

 PAGE No. 175

 LINE No.(s) B11

 PARTY No. 1187

 DATE 24 Day 2 Mo. 78 Yr.

BOOK No.

 SURVEYOR G. Myers

 RODMAN D. May

WEATHER:

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													16.7			
2	MW	1320	/						11.8	11.8	11.9	28.5		Δ		
3			/	269°50'					9.2					✓		
4		1100	/						8.5				20.0		294	
5		980	/						8.8				19.7		295	
6		660	/						9.2				19.3		296	
7		440	/						8.8				19.9		297	
8		220	/						9.6				19.9		298	
9		0	/						5.0				22.9		299	well sight 110 #1
10	E	100	/						9.2				20.3		299	about 100° E
11	SE	220	/						9.2				19.3		300	
12		440	/						10.2				18.3		301	
13		660	/						11.1				17.4		302	
14		980	/												303	
15		1100	/												304	
16		1320	/						11.1	1.0			17.4	-	305	
17		✓	/	270.10					15.8				13.5	✓	TS 9	
18		1457	/						10.8				12.7		TS 8	
19		1677	/						10.9				17.6		11	
20		1897	/						10.8						11	
		2117	/						11.0				17.5		11	
		2337	/						11.0						11	
		2557	/						11.1						24	

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