

STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 1
 LINE No. (s) Control ADX PARTY No. 1184 DATE 5 Day 3 Mo. 25 Yr. BOOK No. 4
 SURVEYOR D. Stone RODMAN _____ 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	Ver Control															
2	Ref. Book #4 Line NPR-426															Line # 26 Line # 18 Page 16 SP A 591
3	S	1510		+0°02'		C			+4.0	0.0	62.1					TR N2-113 (62.1) SP#459+00.0 TOP OF PIPE
4		0				C			4.0	-4.8						
5	N	1520		-0°05'		C			4.0	-6.2						
6	S	1370		+0°02'		C			4.0	+3.2						
7	N	1400		-0°01'		C			4.0	-4.4						
8	S	1520		+0°05'		C			4.0	+1.8						
9	N	2200		-0°03'		C			4.0	-5.9						N2-121 (42.9)
10																
11	SE	1400		-0°03'		C			4.0	+5.2						
12	NW	1620		-0°01'		C			4.0	-4.5						
13	SE	1660		-0°03'		C			4.0	+5.4						
14	NW	1690		-0°02'		C			4.0	-5.0						
15	SE	1740		-0°03'		C			4.0	+5.5						
16	NN	1500		+0°02'01"		C			4.0	-3.6						
17	SE	910		-0°35'		C			4.0	+13.3						
18	NW	720/440		-0°08'		C			4.0	-7.4						N2-122 (52.0)
19																
20																

TI-680B

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 2
 LINE No.(s) 20X PARTY No. 1184 DATE 6 Day 3 Mo. 75 Yr. BOOK No. 4
 SURVEYOR D. Stone RODMAN _____ WEATHER: 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																
2																
3																
4	U	1665		+0°05'					+4.9	+2.5	44.5					N2-126 (42.0) SP4 + 925 TK TP Center of Target 16.6
5																
6		0	-						C	4.8			39.7		SP6	
7																
8		1320		-0°05'						-5.9 Out -6.0			38.6		SP7	
9																
10	E	2640		+0°02'						-5.5			39.0		SP8	11.1
11	W	2640		+0°01'						+3.2	42.2					11.3
12																
13	W	1820		+0°05'						-2.3			39.9		N2 SP8 + 925 TP Center Target	
14																
15		1320		-0°05'						-5.9 Out -6.0			36.3		SP9	
16																
17		0	-							4.8			37.4		SP10 Gr.	
18																
19	E	1320		0°00'						-4.0			38.2		SP11	10.3
20																

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 1
 LINE No.(s) 40X PARTY No. 1184 DATE 6-3 Day 3 Mo. 3 Yr. BOOK No. 4
 SURVEYOR D. STONE RODMAN _____ 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																
2		0	-									37.3			N2 Tail TP	
3	E	2770		-0°09'		C				+4.5	41.8				HI-Center of Target	
4	W	1320		-0°24'		C				-5.5	-13.3	28.5			SP10 TOP OF 6" Stake	
5	E	2640		-0°45'		C				+2.0	+11.2	39.7				
6	W	2805		-0°10'		C				4.0	-12.6	27.1			SP16 Elev. from Recip Survey	
7															N2 125 (38.0)	
8		0				-				4.3	-1.3	38.0			SP1-AD TP R/R	
9															HI-FROM TOP OF R/R	
10	E	1320		-0°17'		C				4.0	-10.5	28.8			SP2	
11																
12	E	2640		-0°06'		C				4.0	-8.6	30.7			SP3	
13	W	2275		-0°20'		C				4.0	+17.4	48.1			19.0	
14																
15	W	975		-0°43'		C				4.0	-16.2	31.9			SP4 2.8	
16																
17	E	345 E		-0°19'		C				4.0	-5.9 Dub	42.2			SP5	
18															N2 125 (42.0)	
19		0													N2 125 (42.0)	
20															SP4 TP +975 TP 1A-1	

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 1A
 LINE No. (s) Control - 40 x PARTY No. 1184 DATE 5 Day 3 Mo. 75 Yr. BOOK No. 4
 SURVEYOR D Stone RODMAN _____ WEATHER: Clear Very Good 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																TK NR-122 (52.0)
2																
3	SE	1240		+0°26'		C					-5.9			▲		
4	N.W.	1660		- 0°00'		C					-4.0			○		
5	SE	1970		+0°04'		C					16.3			▲		
6		0				C								▲		Hi- to center of Target 4.0
7																
8																
9	N.W.	1170		-0°02'		C					-4.7			○		
10	SE	1400		-0°08'		C					+7.3			▲		
11	N.W.	590		+0°36'		C					12.2 12.2 Dist			○		NR-123 (51.7)
12	SE	1480		+0°22'		C					-5.5			▲		
13	N.W.	1250		-0°02'		C					-4.7			○		
14	SE	1260		-0°08'		C					19.8 19.8 Dist			▲		
15		0				C					1.4			▲		
16											-1.4			▲	00.0	SP9 LINE 50 Hi- of Ins. FROM TOP OF stake
17																
18	N.W.	985		-		C					-3.2			○		SP24 LINE (43.0) NR-130 LINE 40 x Eil of Top of Hub
19																
20																

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 3
 LINE No.(s) A0X PARTY No. 1184 DATE 6 Day 3 Mo. 75 Yr. BOOK No. 4
 SURVEYOR D. STONE RODMAN _____ WEATHER: 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																10.3
2															TK SP 11	
4	✓ J	2640		-0°09'				4.0		110.9	49.1		▲			21.2
6	✓	1320		-0°10'			C	4.0		-7.0		41.3		SP12		
8		0					C	4.8		-4.0		44.3	✕	SP13	Hi-Gr.	
10	✓ E	1320		-0°02'			C	4.0		-4.8		44.3	○	SP14		16.4
11	✓ J	2640		-0°02'			C	4.0		+5.5	49.0		▲	SP14		21.9
13		1320		-0°04'			C	4.0		-5.5		44.3		SP15		
15		0						4.8		-4.8		45.0	✕	SP16	Hi-Gr.	
17	✓	1320		+0°06'			C	6.0		-3.7		46.1		SP17		
19	✓ E	2640		0°02' +0.22			C	4.0		+12.9		62.7	○	SP18	N ¹² 129 (58.0) # 1170	34.0

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 4
 LINE No.(s) ADX PARTY No. 1164 DATE 6 Day 3 Mo. 5 Yr. BOOK No. 4
 SURVEYOR D. STONE RODMAN _____ WEATHER: 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																TK SP 18-40 31.6
2																
3	✓ V	1320		-0°16'		C				+4.0	+10.1	62.4				Elev. from Recip Survey 51.7 49.9 (53.0)
4																
5		0				C				4.8	-4.0	57.6	X	SP19	Hi-Gr 1170.0	
6	✓ W	145		+0°13'		C				4.9	-4.4	58.0	-	TP N2 SP18	+1000.0	
7																
8	✓ E	1320		-0°31'		C				4.0	-15.9 -16.0	46.5		SP20		
9																
10	✓ E	2640		+0°18'		C				4.0	-17.0	44.6	0	SP21		43.9 27.1
11	✓ W	2640		-0°03'		C				+4.0	+6.3	50.9				50.1 23.9
12																
13		1320		-0°04'		C				4.0	-5.5	45.4		SP22		
14																
15		0		-		C				3.8	-3.0	42.1	X	SP23	Hi-From Gr.	
16																
17	✓ E	1320		-0°07'		C				4.5	-7.2	43.7	0	SP24	Hi-130 (43.0) +100.0 TP	
18																Center of Flag TOP OF FLAG
19																
20																

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 5
 LINE No.(s) 140 PARTY No. 1180 DATE 7 Day 2 Mo. 25 Yr. BOOK No. 4
 SURVEYOR D Stone RODMAN 1 WEATHER: 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	Half Read	Reading	Correc-tion	Center Hair			INST.	ROD				
1																	
2																	
3	W	2640		+0°06'						+0.2	43.2		43.0	0		N2-SP24 X40 TP	96.2
4																00.0 TR TOP OF FLAG	
5		1320		-0°01'		C				-4.4			38.8			4.8 FT FROM TOP OF H.V.B.	96.4
6																SP25	
7		0				C				-4.8			38.4	X	SP26	Hi-Fram Gr.	
8																	
9		1320		-0°02'		C				-4.8			38.4			SP27	
10																	
11	E 25° 26' 48"	2640		+1°18'		C				+8.8			51.4	0		(N2-131) (51.2)	96.6
12	W	1575		+0°07'		C				+1.9	52.9					Center of Target	96.8
13																	
14	W	1255		-0°03'		C				-5.1			42.8			SP28	
15																	
16		0											40.1			SP28 H255 TP	
17																	
18	E	165		-02°51'		C				-12.2			40.7			SP29	
19																	
20	E	1485		-0°23'		C				-19.9			39.0	0		SP30	99.2 22.4

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 6
 LINE No.(s) X-AD PARTY No. 1184 DATE 7 Day 3 Mo. 25 Yr. BOOK No. 4
 SURVEYOR D. STONE RODMAN _____ WEATHER: CLAY 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																22.4
2															TRSP30	29.2
3	✓	2640	-	0°0'				4.0		+4.0	43.0					43.2 26.4
4																
5	W	1320		0°01'		C		4.0		-4.4		38.6		SP31		
6																
7		0						4.8		-4.8		38.2		SP32	Hi- FROM Gr.	
8																
9	E	825		+0°33'		C		4.8		+3.1		46.1		SP32	Center of Target	
10	W	1815		+0°20'		C		4.8		-5.8	41.2				5.32 + 825 TP (49.0)	40.5 23.7
11																
12	W	1320		+0°01'		C		4.0		-7.8	Due	37.6		SP33	(over for intersection)	
13																
14		0				C		4.8		-4.8		36.4		SP34	Hi- FROM Gr.	
15																
16	E	825		+0°32'		C		4.0		+3.7		44.9				44.2 27.4
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 7
 LINE No.(s) X40 PARTY No. 1184 DATE 7 Day 3 Mo. 25 Yr. BOOK No. 4
 SURVEYOR D. Stone RODMAN _____ 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																	27.9
2																	27.5
3	N	1815		+0°16'		C				-4.4	40.5			A			29.8 23.0
4																	
5	N	1320		+0°17'		C				+2.5		43.0			SP35		
6																	
7		0				C				-4.8		35.7		X	SP36	Hi- FROM Gr.	
8																	
9	E	1320		-0°03'		C				-5.2		35.3			SP37		
10																	
11	E	2640		-0°06'		C				-8.6		31.9		O	SP38		27.2 14.0
12		2640		-0°04'		C				17.0	39.0			A			22.3 21.5
13																	
14		1320		+0°08'		C				-7.0	Dist	31.9			SP39		
15																	
16		0				C				-4.8		34.2		X	SP40	Hi- FROM Gr.	
17																	
18		1320		-0°04'		C				-5.5		33.5			SP41		
19																	
20	E	2640		+0°06'		C				-8.6		30.4		O	SP42		27.6 12.9

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 8
 LINE No.(s) X-40 PARTY No. 1184 DATE 7th Day 3 Mo. 25 Yr. BOOK No. 4
 SURVEYOR D. Stone RODMAN _____ WEATHER: 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																
2																
3	N	2640		-0°03'		C				+4.0	+6.3	36.7				-9.6 36.0 192
4																
5	N	1320		-0°08'		C				-4.0	-7.1		29.6			SP5A3
6																(N2-134 (34.4)
7		0		-		C					-4.0		31.9			SP4A + 00.0 TP.
8																HI - Center of Target.
9	E	1320		-0°05'		C				4.0	-5.9 Out -6.0		30.8			SP45
10																
11	E	2640		0°03'		C				-4.0	-6.3		30.4			SP46 29.7 12.9
12	N	2640		+0°15'						+6.1	-3.9	26.5				25.2 9.0
13																
14		1320		+0°11'		C					+0.2		26.7			SP 47
15		0														
16																
17																
18		1320		-0°11'		C				-4.0	-8.2		18.3			SP49 HI: FARM GR.
19																
20	E	2640		-0°05'		C				-4.0	-7.8		18.7			SP50 18.0 1.2

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 9
 LINE No. (s) X-40 PARTY No. 1180 DATE 7 Day 3 Mo. 75 Yr. BOOK No. 4
 SURVEYOR D. Stone RODMAN _____ WEATHER: 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																1.2
2														0	SP50	16.1
3	W	2640		-0°19'		C		4.0		+14.0	33.5		▲			32.8 14.0
4	W	1320		-0°30'		C		4.0		-15.5		18.0		-	SP51	
5																
6																
7		0				C		4.8		-4.8		28.7		X	SP52	Hi-FROM Cr.
8	SE	280		+0°15'				1.0		+0.2		33.7		⊙		Tri Station
9												33.0				BAR# 33.0 EN.
10		0														197 181 Y
11		280		+0°15'		C		1.0		-0.2	32.8			▲		
12																
13	E	1320		-0°03'		C		4.0		52.0 -9.0		27.6			SP53	
14																
15	E	2640		-		C		4.0		-4.0		28.8		0	SP54	
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 10
 LINE No. (s) X-40 PARTY No. 1184 DATE 7 Day 3 Mo. 75 Yr. BOOK No. 4
 SURVEYOR D. Stone RODMAN _____ 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	Correction	Center Hair			INST.	ROD			
1																
2																
3	N	2640		-0°01'						+4.8	33.6		A		SP54	
4																
5	W	1320		+0°05'						-4.0		27.7			SP55	
6																
7		0		-												
8																
9	E	1320		-0°05'												
10	N	2815		+0°08'												
11																
12	W	495		-0°40'												
13																
14		0		-												
15																
16	E	825		-0°24'												
17																
18	E	2145		-0°13'												
19																
20																

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N2-
 TP N138
 SP 60+00 (18.4)
 TOP OF PIPE

STADIA SURVEY NOTES

AREA NPR 4 STATE or PROVINCE ALASKA PAGE No. 11
 LINE No.(s) X 40 PARTY No. 1184 DATE 9 Day 3 Mo. 14 Yr. BOOK No. 4
 SURVEYOR P. Stone RODMAN _____ 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																
2																
3																
4	✓	2640		-0° 05'		C			4.0	+7.1	20.5			○		TOP OF PIPE
5																
6		1320		-0° 05'		C			4.0	6.0 5.9		14.2			SP61	(N2-138 (10.4) SP60 100.0 Center of Target 77)
7																
8		0				C			4.8	-4.8		15.3		×	SP62	Hi- FROM Gr.
9																
10	E	1320		+0° 05'		C			4.0	-2.5		17.6		○	SP63	N2-139 (20.7) TOP OF SP Stake
11	N	2640		+0° 12'		C			4.0	-5.2	12.4					
12																
13		1320		+0° 05'					4.0	-2.1		10.3			SP64	
14																
15		0	-			C			4.8	-4.8		7.6		×	SP65	Hi- FROM Gr.
16																
17		1320		+0° 02'		C			4.0	-3.2		9.2			SP66	
18																
19	E	2640		+0° 0'		C			4.0	-4.0		8.4		○	SP67	
20																

TI-490B

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2nd _____

STADIA SURVEY NOTES

AREA NPR-1 STATE or PROVINCE ALASKA PAGE No. 12
 LINE No.(s) X 00 PARTY No. 1184 DATE 9 Day 3 Mo. 74 Yr. BOOK No. 4
 SURVEYOR D. Stone RODMAN _____ 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														0	SP67	
2																
3	W	2640		+0° 04'		c			4.0		+7.1	15.5				
4																
5		1320		+0° 04'		c			4.0		-5.5	10.0			SP68	
6																
7		0	-						3.0		+3.8	19.3		x	SP69	
8																
9		1320		+0° 05'		c			4.0		-2.1	13.4			SP70	(2)
10																
11	E	2640		+0° 16'		c			4.0		+7.7	23.2		0	SP71	(42-140 (2h1)) +100.0 TP Center of Flag TOP OF PIPE
12																
13																
14																
15																
16																
17																
18																
19																
20																

TI-5888

WORKED BY _____

CHECKED BY 1st Duk

2nd _____

STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 13
 LINE No.(s) X40 PARTY No. 184 DATE 8 Day 3 Mo. 75 Yr. BOOK No. 4
 SURVEYOR D. Stone RODMAN _____ WEATHER: 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																		
2																		TK SP 71 100.0 TP
3	W	240		+0° 04'		C					-3.1	20.1		A			TOP OF PIPE	
4																		
5		1320		+0° 03'		C					-2.0		17.3				SP 72	
6																		
7		0		-		C					-4.0		15.3		T		SP 73	
8																		
9	E	1320		+0° 02'		C					-3.2		16.9				SP 74	
10																		
11	E	2640		+0° 01'		C					-3.2		16.9		⊙		SP 75	
12	W	525		+0° 32'		C					+8.9	25.8		A				
13																		
14		0				C					+4.9		20.9		T		END SP 75 + 525 TP	
15																		HI - TOP OF TARGET
16																		West side River
17	S W	1860		+0° 41'		C					+17.2		43.0		⊙		TRI station	
18													43.0					BAR CORR
19																		HT. 43.0
20																		

TI-558B

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CHECKED BY 1st Dut

2nd _____

STADIA SURVEY NOTES

AREA NPR-A STATE or PROVINCE ALASKA PAGE No. 14
 LINE No.(s) X-00 PARTY No. 1184 DATE 0 Day 3 Mo. 75 Yr. BOOK No. 4
 SURVEYOR D. Stoe RODMAN _____ WEATHER: 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																<u>Camp</u>
2																<u>TR station</u>
3	S W	1860		+0° 41'				+3.0		-17.2	25.8					
4																
5	E	1925		-01° 03'				-4.0		-18.6		9.2				<u>SP SPT 6 EAST side River</u>
6																
7	E	2115		-0° 12'				-4.0		-11.5		14.4				<u>SP 77</u>
8	W	2640		+0° 01'				+4.0		+3.2	17.6					
9																
10	W	1320		+0° 05'				-4.0		-2.1		15.5				<u>SP 78</u>
11																
12																
13																
14	E	1320		-0° 13'				-4.0		-9.0		8.6				<u>SP 80</u>
15																
16	E	2640		-				-4.0		-4.0		13.6				<u>SP 81</u>
17																
18																
19																
20																

TI-588B

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STADIA SURVEY NOTES

AREA NPR-A STATE or PROVINCE ALASKA PAGE No. 15
 LINE No.(s) X-80 PARTY No. 118A DATE 8 Day Mo. Yr. BOOK No. 4
 SURVEYOR D Stone RODMAN _____ 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	Correction	Center Hair			INST.	ROD			
1																
2														0	SP01	
3	N	2375		-0°15'		C				+14.4		28.0				
4																
5	N	1055		-0°24'		C				-11.4		16.6		SP02		
6																
7		0				C				-4.8		23.2				
8		265														
9	E	265		01°27'		C				-10.7		17.3		SP03		
10																
11	E	1080		10°23'		C				+2.4		30.4		SP03 + 1055 TP		(31.4)
12																Center of Target
13	N	1350		10°02'		C				+4.0		34.4				
14																
15	N	1110		-0°23'		C				-11.4		23.0		SP04		
16																
17		0				C				-4.5		29.9		SP04 + 1110 TP		
18																
19		210		-01°17'		C				-8.7		25.7		SP05		
20																

TI-680B

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 16
 LINE No.(s) X-40 PARTY No. 1184 DATE 8 Day 3 Mo. 75 Yr. BOOK No. 4
 SURVEYOR D. Stone RODMAN _____ WEATHER: Clear, Good 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																
2																
3		1530		-0°35'		C			-4.0		-19.6	14.8	⊗	SP86		
4																
5	E	2050		-0°15'		C			-4.0		-16.4	18.0	⊙	SP87		
6																
7	W	2270		+0°01'		C			+4.0		+3.3	21.3	▲			
8																
9	W	950		-0°15'		C			4.0		-8.1	13.2		SP88		
10																
11		0							4.8		-4.8	16.5	⊗	SP88 + 950 TP		
12																
13	NE	370		-0°45'		C			-4.0		-15.3	6.0		SP89		
14																
15	E	1690		-0°19'		C			-4.0		-13.3	8.0		SP90		
16																
17	E	3010		-0°06'		C			-4.0		-9.3	12.0	⊙	SP91		
18																
19																
20																

TI-558B

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CHECKED BY 1st D. Stone

2nd _____

STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 17
 LINE No.(s) 40 PARTY No. 1184 DATE 8 Day 3 Mo. 75 Yr. BOOK No. 4
 SURVEYOR D. Stone RODMAN _____ WEATHER: Good 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															
2															
3	✓	2640		+0°03'		C		+4.0		+1.7	23.7				
4															
5	✓	1320		+0°00'		C		-4.0		-3.6		20.1		SP92	
6															
7		0		-0°05'		C		-4.0		-4.9		18.8	X	SP93	AKZ 146 (18.8) +00.0 TP
8															
9	E	1320		+0°15'		C		+4.0		-11.8		11.9		SP94	HI FROM Gr. = Center Target.
10															
11	E	2640		-0°03'		C		+4.0		-6.3		17.4	O	SP95	
12	W	1320		-0°04'		C		+4.0		+5.5	22.9				
13															
14		0						4.0		-4.8		18.1	X	SP96	
15															
16	E	1320		-0°05'		C		-4.0		-5.9		17.0		SP97	
17															
18	E	2640		-0°07'		C		-4.0		-9.4		13.5	O	SP98	
19															
20															

TI-5588

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STADIA SURVEY NOTES

AREA NPR-2 STATE or PROVINCE ALASKA PAGE No. 18
 LINE No.(s) X40 PARTY No. 1184 DATE 5 Day 3 Mo. 75 Yr. BOOK No. 4
 SURVEYOR D. Stone RODMAN _____ WEATHER: Clear -20 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.			
1															
2															
3	W	825		-0°23'		C			4.0	+9.5	20.8		SP98		
4															
5		0				C			4.8	-4.8			X SP99		
6															
7		495		-0°44'					4.0	-10.3			SP99		
8	E	1815		-0°08'		C			4.0	-0.2			SP100		
9	W	2290		-0°05'		C			4.0	+7.5	20.1		▲		
10															
11															
12	W	1070		-0°14'		C			4.0	-8.4			SP101		
13															
14		0				C			4.8	-4.8			X SP 147 (13.6)		
15	W	575		-0°10'		C			4.8	-1.7	-6.5		SP 147 + 495 TP		
16													Center Target		
17	E	250		-0°15'					4.0	-13.8			SP102		
18															
19	W E	1520		-0°23'		C			4.0	-14.5			SP103		
20															

TI-555B

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STADIA SURVEY NOTES

AREA NP R-4 STATE or PROVINCE ALASKA PAGE No. 19
 LINE No.(s) X 40 PARTY No. 1184 DATE 8 Day 3 Mo. 25 Yr. BOOK No. 4
 SURVEYOR D. Stone RODMAN _____ WEATHER: 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	Correction	Center Hair			INST.	ROD		
1															TR SPI03
2															
3	✓	2640		-0°01'		C		+4.0		+4.8	10.4				
4															
5	✓	1320		-0°03'		C		-4.0		-5.2		5.2		SPI04	See page 2 of Lineth Correction Sp.
6															
7		0				C		-4.8		-4.8		5.6	X	SPI05	(16.9)
8															
9	E	1320		+0°19'		C		-4.8		+2.5		12.9		SPI06	n2 - 148 + 10.0 TP Target Center Target
10	V	1815		-0°10'		C		+4.8		+10.0	27.0				Be for a Pipe
11															
12	✓	495		-0°30'		C		+4.0		-8.3		18.7		SPI07	Nas Set.
13															
14		0				C		9.0		-4.8		22.2	X		n2 = 14.9 (18.6) SPI07 + 4.8 Hi = Center Target
15															
16	E	825		-0°39'		C		4.0		-13.4		13.6		SPI08	Target
17															
18	E	2145		-0°05'		C		+4.0		-7.1		19.9		SPI09	
19															
20															

TI-5588

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2nd _____

STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 20
 LINE No.(s) X 40 PARTY No. 1184 DATE 8 Day 3 Mo. 25 Yr. BOOK No. 4
 SURVEYOR D. Stone RODMAN _____ 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														0	SP109	
2																
3	W	2450		-0°01'		C		+4.0		+4.7	24.6					
4																
5	W	1130		-0°16'		C		-4.0		-9.3	15.3				SP110	
6																
7		0				C		4.8		-4.8	19.8				K	West Edge River
8																
9	E	190		-03°51'		C		-4.0		-16.7	7.9				SP111	RIVER
10																
11	E	685		0°04'		C		+4.0		-4.8	19.8				SP112	N2 - SP 111 + TR
12																Center Target
13	E	12510		-0°07'		C		-4.0		25.0 Out	17.5				SP112	
14		1510														
15																
16																
17																
18																
19																
20																

TI-555B

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2nd _____

STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 21
 LINE No.(s) + 40 PARTY No. 1189 DATE 9 Day 3 Mo. 75 Yr. BOOK No. 4
 SURVEYOR D. Stone RODMAN _____ WEATHER: Good 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														○ SP12	
2															
3	N	1320		-0°05'		C			+4.0	+5.9	27.4			▲	
4															
5		0				C			4.0	-4.8		18.6		X SP113	
6															
7	E	865		-0°02'		C			-4.8	-5.3		18.1		- ENZ SP113 + 800 TP	
8															
9	E	1320		-0°02'		C			-4.0	-4.8		18.6		SP114	
10															
11	E	2640		+0°02'		C			-4.0	-2.5		20.9		○ SP115	
12	N	2640		-0°03'		C			14.0	16.3	27.2			▲	
13															
14	N	1320		+0°05'		C			-4.0	-5.9		21.3		SP116	
15															
16		0							4.8	-4.8		22.4		X SP117	
17	E	495		+0°20'		C			4.8	4.9		25.3		○ SP117 + 495 NZ - TP	
18															Center Tmp +
19															
20															

TI-588B

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 22
 LINE No.(s) X-48 PARTY No. 1184 DATE 9 Day 3 Mo. 75 Yr. BOOK No. 4
 SURVEYOR D. Stone RODMAN _____ WEATHER: Good 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															
3	✓	2145		+0°05'				+4.8		+1.7	21.5				
4	✓	1320		-0°03'				-4.0		-5.2		16.3		SP118	
5															
6															
7		0													
8															
9	E	495		+0°31'				-4.8		-0.3		21.2			
10	N	2145		+0°09'				+4.8		-0.8	20.4				
11															
12	N	1320		-0°04'				-4.0		-5.5		14.9		SP120	
13															
14															
15															
16	E	1440 655		+0°16'				-4.8		-1.8 -1.7		18.6			
17															
18															
19															
20															

ELEV. FROM RECOG. SURVEY

150 (21.2)
 119 + 495 = TP
 Center Target

151 (19.9)
 119 + 495 = TP
 Center Target
 655

TI-588B

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 23
 LINE No.(s) 1-40 PARTY No. 1184 DATE 9 Day 3 Mo. 75 Yr. BOOK No. 4
 SURVEYOR D Stone RODMAN _____ WEATHER: Good 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.		
1														0 TP
2														
3	N	660		+0°13'		C		+4.8	+7.3	25.3		A		ELEV. FROM RECIP. SURVEY
4	O	.				C		4.8	-4.8			A	SP122	
5														
6														
7	E	1320		0°21'		C		4.0	-12.1			A	SP123	
8														
9	E	1930		0°22'		C		-4.8	-4.8			A	SP123	TP
10	N	2030		+0°06'		C		+4.8	+11.3	21.8		A		Center Target
11														
12	N	1320		-0°08'				4.0	-7.1			A	SP124	
13														
14		0				C		4.8	-4.8			A	SP125	TP
15	NE	2275		+0°05'				-4.0	-0.4			A	SP125	TP
16	SN	2310		+0°01'		C		+4.0	+3.3	25.1		A	SP125	Center Target
17		0				C		4.8	-4.8			A	SP15	
18	NE	2970		-0°14'		C		-4.0	-16.4			A	SP24	EOL. N 40
19														
20														

71-555B

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