

STADIA SURVEY NOTES

AREA RR-4 STATE or PROVINCE ALASKA PAGE No. 1
 LINE No.(s) 45 PARTY No. 1104 DATE 21 Day 3 Mo. 74 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		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												308.7				N 228 301.0
2																TR 4229 Center Ter.
3																Common point
4	✓	1320		-0° 02'	.06	C						314.5		Δ		SP 27
5																FROM Center
6		0				C										Ter. To Top of
7																Pipe - 1.0
8	S	1320		-0° 36'	.99	C			-4.0	-13.1	-17.1	297.4				SP 26
9																
10	S	2640		-0° 15'	.44	C			-4.0	-11.6	-15.6	298.9		○		SP 25
11	N	2640		+0° 50'	1.45	C			+4.0	-38.3	-34.3	264.6		Δ		291.2
12																= 56.9
13	N	1320		-0° 56'	1.63	C			-4.0	-21.5	-25.5	239.1				SP 24
14																
15		0				C										
16																
17	S	1320		-02° 00'	3.49	C			-4.0	-46.1	-50.1	214.5				SP 22
18																
19	S	2640		-0° 45'	1.31	C			-4.0	-34.6	-38.6	226.0		○		SP 21
20																

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 4
 LINE No.(s) 45 PARTY No. 1184 DATE 21 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												330.9			
2															
3	S	2640		+0°29'	.84	C		-4.0	+22.2	+18.2		349.1	⊙	SP10	N2-231
4															TOP SP stake
5															To Center Target
6															+0.9 (348.0 = 2661)
7	N	825		+0°08'	.23	C		+4.0	-1.9	+2.1		351.2	Δ		
8															
9	S	495		-01°08'	1.78	C		-4.0	-9.8	-13.8		337.4		SP9	
10															
11	S	1320		+01°06'	1.92	C		-4.0	-25.3	-29.3		321.9	⊙		#3 Pen Flag stake
12															at this point.
13	N	495		+01°40'	2.91	C		+4.0	-14.4	-10.4		311.5	Δ		
14															
15		0				C		4.8		-4.8		306.7	Δ	SP8	
16															
17	S	825		-02°59'	5.20	C		-4.0	-42.9	-46.9		264.6	⊙		stake at #3
18															Pen Flag
19															
20															

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 3
 LINE No.(s) 45 PARTY No. 1184 DATE 21 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		AB.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												354.1				
2										+5.1						
3	N	495	-0°01'	1.02	C			+2.8	+0.1	+19.9	359.2		A			
4																
5	S	825	-01°14'	2.15	C			-4.0	-17.7	-21.7		337.5		SP15		
6																
7	S	1650	+01°00'	1.74	C			-2.0	-28.7	-30.7		328.5	O		top G [#] 3	
8	N	1980	+01°08'	1.98	C			+2.0	-39.2	-37.2	291.3		A			
9																
10	N	1485	+0°48'	1.40	C			-4.0	+20.8	+16.8		308.1		SP14		
11																
12	N	165	-06°08'	10.62	C			-4.0	-17.5	-21.5		269.8		SP13		
13																
14	S	660	+02°20'	4.07	C			-4.0	+26.9	+22.9		314.2	O			
15	N	495	-01°28'	2.56	C			+4.0	+12.7	+16.7	330.9		A			
16																
17		0	-		C			4.8		-4.8		326.1	X	SP12		
18																
19	S	1320	+0°23'	1.67	C			-4.0	+8.8	+4.8		335.7		SP11		
20																

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 2
 LINE No.(s) 45 PARTY No. 1184 DATE 21 Day 3 Mo. 74 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		A.B.S. OF S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												226.0	0	SP21	215.0	
2																
3	N 8	495		-03°22'	5.86	C		+4.0	+29.0	+33.0	259.0		Δ		215.0	
4	S	330		+01°30'	2.62	C		-4.0	+8.6	+4.6		263.6	0		255.9	
5	N	495		-0°50'	1.45	C		+4.0	+7.2	+11.2	274.8		Δ		267.1	
6		0	-			C		4.8		-4.8		270.0	X	SP20	262.3	
7															256.9	
8	S	1320		-0°16'	.47	C		-4.0	-6.2	-10.2		264.6		SP19	see line 7 notes	
9																
10	S	2640		+0°27'	.79	C		-4.0	+20.9	+16.9		291.7	0	SP18	215.0	
11	N	1320		-01°47'	3.11	C		+4.0	+41.1	+45.1	336.8		Δ			
12																
13		0				C		4.8		-4.8		332.0	X	SP17		
14																
15	S	1320		+0°58'	1.69	C		-4.8	+22.3	+17.3		354.1	0	SP16	N2-230 Center Target Common Point (354.0 = RECIP.)	
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA NPC-4 STATE or PROVINCE ALASKA PAGE No. 5
 LINE No.(s) A5 PARTY No. 1124 DATE 21 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		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												264.6				
2																
3	N	2640		-0°56'	1.63			+4.0	+43.0	+47.0		311.6		A		
4																
5	N	2145		+02°25'	4.21	C		-4.0	-90.3	-94.3		217.3		SP7		
6																
7	N	825		-03°05'	5.37	C		-4.0	-44.3	-48.3		263.3		SP6		
8																
9	S	495		+01°44'	3.02	C		-4.0	+15.0	+11.0		322.6		SP5		
10	N	1320		+0°30'	0.87	C		+4.0	+11.5	+15.5		338.1		A		
11																
12		0	-			C		4.8		-4.8		333.3		SP4		(335.0 = Recip) N2-232 +00.0
13																Common Point
14																Ni = +0.8 FROM Center Target
15																
16																
17	S	825		-0°04'	0.12	C		-2.0	-1.0	-3.0		335.1		SP3		#3 Pen Flag
18																
19																
20																

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STADIA SURVEY NOTES

AREA ALASKA STATE or PROVINCE ALASKA PAGE No. 6
 LINE No.(s) 45 PARTY No. 1184 DATE 21 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		AB.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																Elevation from 335.1
2																N2-234
3	N	2310		+0° 17'	.50	C		+2.0	-11.6	-9.4	333.1		Δ			325.7
4																
5	N	1815		+0° 06'	.10	C		-4.0	+3.3	-0.7		332.4			SP3	
6																
7	N	495		-0° 19'	.55	C		-4.0	-2.7	-6.7		326.4			SP2	
8																
9	S	825		-0° 42'	1.22	C		-4.8	-10.1	-14.9		318.2		⊙	SP1	234 N2-235 320.9
10																Center Target
11	N	3185		+02° 19'	4.04	C		+9.2	-126.7	-117.5	200.7		Δ			122.2
12		2970		+02° 21'	4.10	C		-10.0	+121.8	+111.8		312.5			SP24	
13		2640		+02° 22'	4.13	C		-5.0	+109.0	+104.0		304.7			SP23	
14		2310		+02° 23'	4.13	C		-5.0	+95.4	+90.4		291.1			SP22	
15		1960		+02° 16'	3.95	C		-5.0	+78.2	+73.2		273.9			SP21	
16		1650		+02° 05'	3.23	C		-5.0	+59.9	+54.9		255.6			SP20	
17		1320		+01° 40'	2.31	C		-5.0	+38.4	+33.4		234.1			SP19	
18		990		+0° 41'	2.94	C		-5.0	+29.1	+24.1		207.5			SP18	
19		640	-			C		-7.8		-7.8		192.9			SP17	
20		330	-			C		7.5		-7.5		193.2			SP16	

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 7
 LINE No.(s) 45 PARTY No. 1184 DATE 21 Day 3 Mo. 75 Yr. BOOK No. 4
 SURVEYOR P. 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		A.B.S. OF S.S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2																
3		0	-									195.9	X	G15		192.3
4		330	-									194.9	X	G14		
5		660	-									192.7	X	G13		
6		990	-									195.6	X	G12		
7		1320		+01°01'	1.77							219.1	X	G11		
8		1650		+01°07'	1.95							227.9	X	G10		
9	S	1980		+01°05'	1.89							233.1	O	G09		221.1
10	N	660	-									244.7	A	G08		227.2
11		330	-									237.8	X	G08		
12		0	-									239.9	X	G07		
13		330	-									240.2	X	G08		
14		660	-									238.7	X	G05		
15		990	-									231.9	X	G04		
16		1320		-0°14'	0.41							224.2	X	G03		
17		1650		-0°30'	0.87							215.3	X	G02		
18	S	1980		-0°13'	0.38							232.4	O	G01		225.0
19																S. End Line 45 Center Target
20																N2 - 235 (2326 = Recip.)

TI-5885

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 8
 LINE No.(s) 4.5 PARTY No. 1184 DATE 23 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		AB.S. OF S. - S.S.	Station	REMARKS		
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD					
1																		
2																	TOP OF PIPE	
3																	Elev. - 315.7 308.7	
4	S	2640		+0°18'	.52	C				+1.0 -13.7	-12.7	297.0		Δ			+ 1.0 To Center Target	
5											-6.3							
6	S	1320		-0°07'	.21	C				-4.0	-0.3		290.3			SP29		
7																		
8		0		-		C				4.8	-4.8		292.2		X	SP30		
9																		
10	N	1320		+0°50'	1.45	C				-4.0	+19.1	+15.1		0		SP31		
11	S	1320		-0°44'	1.28	C				+4.0	+16.9	+20.9	333.0		Δ			
12																		(326.1 = recip)
13		0				C				4.8	-4.8		328.2		X	SP32	N2-236	
14																		Hi to center- Tac
15																		-0.9
16	N	1320		-0°30'	.87	C				4.0	-11.5	-15.5				SP33		
17																		
18	N	2640		-0°20'	.58	C				-4.0	-15.3	-19.3		0		SP34		
19																		205.0
20																		

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 9
 LINE No.(s) 15 PARTY No. 1184 DATE 23 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		A.B.S. OF S. - S.S.	Station	REMARKS		
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD					
1																	295.0	
2																		
3	S	1153		-0°42'	1.22	C			+4.0	+19.1	-19.1	331.8		A			295.0	
4																		
5		165		0°25'	.73	C			-4.0	-1.2	-5.2		326.6		SP35		295.0	
6																		
7	N	1485		10°03'	.09	C			-5.0	+1.3	-3.7		328.1	⊙	SP36	N2°	295.0	
8	S	475		10°05'	.15	C			+5.0	-0.7	+4.3	332.4		A		Center Target	295.0	
9																		
10	N	825		-01°23'	2.59	C			-4.0	-21.4	-25.4		307.0		SP37		295.0	
11																		
12	N	2145		-0°48'	1.40	C			-5.0	-30.0	-35.0		297.4	⊙	SP38	N2°	295.0	
13																	Center Target	295.0
14	S	2640		10°29'	.84	C			+5.0	-22.2	-17.2	280.2		A			295.0	
15																		
16	S	1320		0°06'	.18	C			-4.0	-2.4	-6.4		273.8		SP39		295.0	
17																		
18		0				C			4.8		-4.8		276.4	⊙	SP40		295.0	
19																		
20	N	1320		-0°03'	.09	C			+5.0	-1.2	-6.2		274.0	⊙	SP41	N2°	238 (270.4) Center Target	295.0

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Target

STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE AK ALASKA PAGE No. 10
 LINE No.(s) 45 PARTY No. 1184 DATE 22 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		AB.S. OF S. - S.S.	Station	REMARKS	
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD				
1																	269.7
2																	Correct from
3	S	1320		+0°02'	.06	C		+5.0	0.8	+4.2	274.6		Δ				Recip. Survey @ N2-238
4																	
5		0				C		-4.8		-4.8		269.8	X		SP42		
6																	
7	N	1320		-0°29'	.84	C		-4.0	-11.2	-15.2		259.4			SP43		
8																	
9	N	2640		-0°18'	.52	C		-4.0	-13.7	-17.7		256.9	○		SP44		25.0
10	S	2640		+0°11'	.30	C		+4.0	-7.9	-3.9	252.5		Δ				24.2
11																	
12	S	1320		+0°01'	.0603	C		-4.0	+0.4	-3.6		248.9			SP45		
13																	
14		0				C		4.8		-4.8		247.7	X		SP46		
15																	
16	N	1320		0°09'	.26	C		-4.0	-3.4	-7.4		245.1			SP47		
17																	
18	N	2640		+0°31'	.90	C		-4.0	+23.8	+19.8		272.3			SP48		
19																	
20	N	2805		+0°50'	1.45	C		-5.0	+40.7	+35.7		288.2	○		SP48 + 145		N2-239 (288.7) 28.0

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Center Target

STADIA SURVEY NOTES

AREA NPR-9 STATE or PROVINCE ALASKA PAGE No. 11
 LINE No.(s) A5 PARTY No. 1184 DATE 22 Day 3 Mo. 25 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		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	S	2475		+01°24'	2.44	C		+5.0	-60.4	-55.4	232.8		Δ			232.1	
4																	
5	S	1320		+0°46'	1.34	C		-4.0	+17.7	+13.7		246.5		SP49			
6																	
7	S	⁶⁶⁵ 6239		+0°13'	.38	C		-4.0	+2.5	-1.5		231.3	-			112-240 (232.6) SP224 Line to top stake SP229 1.90+655	
8																	
9	S	N		+02°31'	2.56	C		4.0									SP 225 top stake
10																	
11		0	-			C											228.0 SP50
12																	
13	N	1320		+01°17'	2.09	C		-4.0	+27.6	+23.6		256.4	○	SP51			
14	S	495		-0°21'	2.36	C		+4.0	+11.7	+15.7	242.1		Δ				
15																	
16	N	885		-0°13'	0.38	C		-4.0	-3.1	-7.1		265.0	○	SP52		259.9	
17																	
18	N	2145				C		4.0									SP53
19																	
20																	

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 12
 LINE No.(s) 45 PARTY No. 1184 DATE 22 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		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1														⊙	SP52	
2																
3	S	495		-0°25'	.73	C		+4.0	+3.6	+7.6		272.6		Δ		267.0
4																
5	N	825		-0°47'	1.37	C		-4.0	-11.3	-15.3			257.3	⊙	SP53	253.0
6	S	2640		-0°15'	.44	C		+4.0	+11.6	+15.6		272.9		Δ		267.3
7																
8	S	1320		-0°47'	1.37	C		-4.0	-18.1	-22.0			250.9		SP54	
9																
10		0				C			4.8	-4.8			268.1	π	SP55	
11																
12	NS	495		+0°47'	1.37	C		-2.0	+6.8	+4.8			277.7	⊙	#2 Sta	Per TOP 272.0
13	S	1650		-0°31'	.90	C		+2.0	+14.9	+16.9		284.6		Δ		287.5
14																
15	S	825		-0°46'	1.34	C		-4.0	-11.1	-15.1			279.5		SP56	
16																
17		0				C			4.8	-4.8			289.8	π	SP56	H2-243 (288.8) +825
18																
19																
20	N	495		-0°41'	1.19	C		-4.0	-8.9	-9.9			284.7	⊙	SP57	H1 = 20 -1/2 To Center Target 287.0

TI-588B

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STADIA SURVEY NOTES

AREA NCR-4 STATE or PROVINCE ALASKA PAGE No. 13
 LINE No.(s) 45 PARTY No. 118A DATE 22 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		AB.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1														0	SP57	
2																
3	S	2640		+01°30'	2.62	C		+4.0	-69.2	-65.2	219.5		A			
4																
5	S	1320		-0°13'	1.38	C		-4.0	-5.0	-9.0		210.5			SP58	
6																
7		0														
8																
9	N	1320		+0°16'	1.47	C		-4.0	-0.6	- 4.6		209.4			SP60	
10																
11	N	2640		+0°11'	0.32	C		-4.0	-8.4	-12.4		207.1	0		SP61	
12	S	1815		-02°02'	3.55	C		+4.0	+64.4	+68.4	226.5		A			270.1
13																
14	S	495		+0°35'	1.02	C		-4.0	-5.0	-9.0		206.5			SP62	
15																
16		0														
17																
18	S	115		+02°19'	4.04	C		-0.0	+4.6	-0.4		275.5	0		SP62 + 610	
19																
20																

TI-588B

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STADIA SURVEY NOTES

AREA NPR-A STATE or PROVINCE ALASKA PAGE No. 19
 LINE No.(s) 45 PARTY No. 1184 DATE 23 Day 3 Mo. 75 Yr. BOOK No. 7
 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		AB.S. OF S. - S.S.	Station	REMARKS		
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD					
1																		
2																	Elevation corrected to local survey	
3	S	2030		-0°16'	.29	C	15.0	+5.9	110.9	285.7		A					N2-244	
4																		
5	S	1320		-01°02'	1.80	C	4.0	-23.8	-27.8				257.9					
6		0				C												
7						C	4.8		-4.8				280.9					
8																		
9	N	825		+0°30'	.87	C	-2.0	+7.2	+5.2				290.9				#3 Pen Flag	
10	S	1915		-0°12'	.35	C	+2.0	+6.4	+8.4	299.3								
11																		
12	S	1320		-0°09'	.26	C	4.0	-3.4	-7.4				291.9					
13																		
14		0				C	4.8		-4.8				294.5				N2-244 +00.0 (294.5)	
15																		
16	N	1320		-0°26'	.76	C	4.0	-10.0	-14.0				285.3					
17																		
18	S	2640		-0°03'	.09	C	4.0	-2.4	-6.4				292.9				N2- +00.0	
19																		
20																		-1.0 Center Tar

TI-2000

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 15
 LINE No.(s) 45 PARTY No. 1184 DATE 24 Day 3 Mo. 75 Yr. BOOK No. 4
 SURVEYOR D. Stone RODMAN _____ WEATHER: _____ P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		ABS. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1														⊙ Sp68		
2																
3	S	2640		+0°07'	.21	C		14.0	-5.5	-1.5	291.4			Δ		
4																
5	S	1320		-0°18'	.52	C		-8.0	-6.9	-14.9		276.5		Sp69		
6																
7		0	-			C		4.8		-4.8		286.6		X Sp70	+00.0 (288.2)	
8																
9	N E	1320		-0°10'	.29	C		-4.0	-3.8	-7.8		283.6		⊙ Sp71	-1.0 to Center	Target
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

TI-5888

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 15-A
 LINE No.(s) Control #45 Out PARTY No. 1184 DATE 24 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		AB.S. OF S.S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion			Center Hair	INST.			
1															
2															
3	SW	1480		+0°33'	.96	C		49.3	-14.2	-4.9	278.7				281.9
4	SE	1800		+0°32'	.93	C		10.0	-16.7	-26.7	252.0				276.9
5	NW	1520		+0°03'	.09	C		5.0	+1.4	+6.4	258.4				250.2
6	SE	2320		+0°28'	2.56	C		5.0	+59.4	+54.4	312.8				256.1
7	NW	1340		+0°20'	.81	C		10.0	+10.9	+20.9	333.7				311.1
8	SE	1360	-			C		0.9		-0.9	332.8				331.7
9											331.0				
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															

TRIP station }
 BELL A }
 TOP BRASS CAP

TI-588B

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 16
 LINE No.(s) Control 464⁵ PARTY No. 1184 DATE 25 Day 3 Mo. 71 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		AB.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												283.6	⊙	SP71	286.5	
2																
3	S	1215		+0°28'	.81	C		+4.0	-14.7	-10.7	272.9		Δ			
4																
5	S	495		-0°24'	.70	L		-4.0	-3.5	-7.5		265.4		SP72		
6																
7	N	825		-01°20'	2.33	C		-4.0	-19.2	-23.2		249.7		SP73		
8																
9	N	2145		-01°05'	1.89	C		-4.0	-40.5	-44.5		228.4	⊙	SP74	281.3	
10																
11	N	3465		0°06'		C		4.0						SP74		
12																
13	N	3630		0°05'		C		5.0						SP75	1166	
14																
15																
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 17
 LINE No.(s) 45 PARTY No. 1184 DATE 25 Day 3 Mo. 25 Yr. BOOK No. A
 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		AB.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1													0	SP74	231.3	
2																
3	S	2145	-0°28'	0.81	C			+4.0	+17.4	+21.4	249.8		A		235.7	
4																
5	S	825	-04°20'	7.53	C			-4.0	-62.1	-66.3		183.5		SP75		
6																
7	N	495	+01°40'	2.91	C			-4.0	+14.4	+10.4		239.4		SP76		
8																
9	N	660	+0°26'	2.50	C			-5.0	+16.5	+11.5		261.3	0	SP76	N2-246 (264.1) +165 264.2	
10																
11	S	1355	+0°52'	1.51	C			+5.0	-20.5	-15.5	245.8		A		Center Target 248.7	
12																
13	S	200	-05°28'	9.48	C			-4.0	-19.0	-23.0		222.8		SP77		
14																
15	S	35	-05°40'	9.83	C			-5.0	-3.4	-8.4		239.4	-	SP77	N2-247 (240.4) +165	
16																
17	N	1120	-01°02'	1.80	C			-4.0	-20.2	-24.2		221.6		SP78	Center Target	
18																
19	N	2140	-0°08'	0.23	C			-4.0	-5.6	-9.6		236.2		SP79		
20																

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 18
 LINE No.(s) 45 PARTY No. 1184 DATE 25 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		AB.S. OF S. - S.S.	Station	REMARKS	
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD				
1																	
2																	N2- 240.7
3	N	2625		10° 03'	0.09	C			-5.0	+2.4	-2.6	243.2	⊙	sp79	+125	246.1	Center Target
4																	
5																	
6	S	2975		101° 30'	2.62	C			+5.0	-72.9	-72.9	170.3	Δ				173.2
7																	
8	S	1840		0° 21'	0.61	C			-4.0	-11.2	-15.2	155.1		sp80			
9																	
10	S	520		101° 38'	2.85	C			-4.0	-14.8	-18.8	151.5		sp81			
11																	
12	N	800		01° 02'	1.80	C			4.0	-14.4	-18.4	151.9		sp82			
13																	
14	N	2120		102° 15'	3.92	C			-4.0	+83.1	+79.1	249.4		sp83			
15																	
16	N	3230		102° 13'	3.87	C			-5.0	+125.0	+120.0	290.3	⊙	sp83	+1110	248 (293.2)	Center Target
17																	
18																	
19																	
20																	

TI-8888

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALABAMA PAGE No. 19
 LINE No.(s) 45 PARTY No. 1184 DATE 25 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		ABS. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
-1																
2																OK 299.2 277.7
3	S	1530		+0°46'	1.34	C			+5.0	-20.5	-15.5	274.8		A		
4																
5	S	1320		+0°50'	1.45	C			-4.0	+19.1	+15.1		289.9		SP84	
6																
7		0				C			-4.0		-4.8		270.0		SP85	
8																
9	N	1320		-01°14'	2.16	C			-4.0	-28.4	-32.4		202.4		SP86	
10																
11	N	1815		-01°00'	1.74	C			-4.0	-31.6	-35.6		239.2		SP86 + 495	242.1
12	S	825		+02°57'	5.14	C			+4.0	-42.4	-38.4	200.8		A		293.7
13																
14		0				C			4.8		-4.8		196.0		SP87	
15																
16	N	1320		0°02'	0.06	C			+4.0	-0.8	-4.8		196.0		SP88	
17																
18	N	1640		+01°36'	2.79	C			-4.0	+15.8	+4.8		242.6		0	245.
19																
20																

TI-2000

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 20
 LINE No.(s) 45 PARTY No. 1184 DATE 25 Day 5 Mo. 75 Yr. BOOK No. 4
 SURVEYOR D. STONE RODMAN _____ 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																	
2																	245.5
3	S	2320		-0°14'	0.41	C		+4.0	+9.5	+13.5		256.1		A			257.0
4																	
5	S	1320		-0°15'	0.44	C		+4.0	-5.8	-9.8			246.3				SPT 89
6		0															
7																	
8																	
9	N	1320		-0°20'	0.58	C		+4.0	-7.7	-11.7			244.4				SPT 91
10																	
11	N	2640		-0°11'	0.32	C		+4.0	-8.4	-12.4			243.7				246.5
12	S	2640		-0°10'	0.29	C		+4.0	+7.7	+11.7		265.4		A			259.5
13																	
14	S	1320		-0°13'	0.38	C		+4.0	-50.6	-9.0			246.4				SPT 93
15																	
16		0															
17																	
18	N	1320		-0°13'	0.38	C		+4.0	-5.0	-9.0			246.4				SPT 94 +00.0 -1.0 Center Target
19																	
20	N	2640		-0°07'	0.21	C		+4.0	-5.5	-9.5			245.9				SPT 96

TI-5000

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 21
 LINE No.(s) 15 PARTY No. 1184 DATE 25 Day 4 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			▲B.S. OF.S. -S.S.
1																258.3
2																
3	S	1155		-0°17'	0.150	C			-4.0	-5.8	-98'		248.6	0	SAD 5097	242.5
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

BAD ELEV - DISREGARD

TI-5088

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 22
 LINE No.(s) 45 PARTY No. 104 DATE 27 Day 3 Mo. 75 Yr. BOOK No. A
 SURVEYOR J. DUSAL RODMAN J. JENSEN WEATHER: _____ P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		ABS. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																(252.8)
2									+5.8		+5.8	252.8	0	SP	97	(N2-250)
3		0							+7.8	?	+7.8	258.6	A			HI. -1.0 to 9' PLAT. H.
4											-1.2					
5	N	1485		70 30 05	-0.3005		-0.3034		-6.0	-13.2	-70.32	239.4	0	SP	98+165	30' up to 6' target (N2-250) (239.4)
6				269 20 58	-0.5182						+5.8					
7		0							+0.2		70.2	245.2	A			HI was -2 to top target 250.9
8																
9	S	165		89 47 24	.38				-4.0		-3.4	241.8		SP	98	(198 ground)
10											-43.8					
11	N	4102		90 52 52	-.96				-4.0	-59.4	-42.4	201.4	0	SP	99	OK line X 1976 TARGET W/MS 4.0' ABOVE 1485 SP101+307
12				269 26 13												
13		0							+2.3	+2.3	+2.3	203.7	A			HI was -1.7 from TARGET 1979
14											-2.2					
15	S	2947		90 04 22	.12				-4.0	-3.5	-7.5	196.0		SP	99	
16																
17	S	1627		90 08 54	.26				-4.0	-4.2	-8.2	195.5		SP	100	
18											-3.3					
19	S	307		89 51 42	.23				-4.0	-0.7	-4.7	200.4		SP	101	
20																

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2nd _____

STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 23
 LINE No.(s) 45 PARTY No. 184 DATE 27 Day 3 Mo. 75 Yr. BOOK No. 4
 SURVEYOR D. DUSDAL RODMAN D. JENSEN 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																
2																199.4
3	N	1013		813649	1.54				-4.0	+15.6	+11.6		215.3		SP	102
4																(226.5)
5	N	1418		885456	201.04	35			-5.0	+26.6	+21.4		225.1	⊙	SP	102+405 (12-254)
6				2710206												220.8
7																
8		0							+6.1	+6.1	+6.1		231.2		Δ	226.9
9																4.5 WAS 1.1 TO BRKAY
10	N	915		901801	3-0.18	33			-4.0	-4.9	-8.9		222.3	⊙	SP	103 218.0
11				2694654												
12																
13	S	2145		894145	17.34				+4.0		-7.0		215.3		Δ	211.0
14				270852							+14.9					
15	S	485		430130	5.29				-0.0		-26.1		189.2			SP 104 OFF SET 105
16																SHOT TO GROUND LEVEL
17		0							+6.0		+6.0		221.3		SP	104 + 22.5
18																
19	N	495		895611	20.23	15			-4.0		+11.6		211.8	⊙	SP	105 207.5
20				2700291							-3.5					

TI-5500

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE _____ PAGE No. 24
 LINE No.(s) 45 PARTY No. 184 DATE 27 Day 3 Mo. 75 Yr. BOOK No. 4
 SURVEYOR D. Duda RODMAN J. JENSEN WEATHER: _____ 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																207.5	
2	S	3135			90945				+4.0	-9.3	+13.3	226.1		Δ	SP	105	220.8
3					2694715						-9.6						
4	S	1815		.23	901040				-4.0	-4.2	-8.2		215.5		SP	106	
5																	
6	S	495		.52	901823				-4.0	-2.6	-6.6		218.5		SP	107	
7																	
8		0		—					+5.8		-5.8		219.3		SP	107+495 (220.2)	
9	N	660			911846				-2.0	-15.2	-17.2		207.9	⊙	SP	107+1155 (203.6)	
10					2684017												
11	S	2805			895833				+2.0	-49.8	-47.8	160.1		Δ		155.8	
12					2710048												
13	S	2640		1.72	890116				-4.0	-45.4	-41.1		119.0		SP	108	
14																	
15	S	1320		.76	893358				-4.0	+10.0	+6.0		166.1		SP	109	
16																	
17									-5.7		-5.7		154.4		SP	110	
18																	
19	N	1320		.70	902401				-4.0	-9.2	-13.2		146.9		SP	111	
20																	

TI-500B

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 25
 LINE No.(s) 45 PARTY No. 134 DATE 27 Day 3 Mo. 75 Yr. BOOK No. 4
 SURVEYOR D. Duda RODMAN D. JENSEN WEATHER: _____ 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.		
1													155.0	
2	N	2640		901548	3-0.160			-4.0	-12.4	-16.4	143.7	⊙	SP 112	139.4
3				2694227	.47									
4														
5	S	3465		920703	.21			+4.0	+7.3	+11.8	154.8	Δ		150.3
6														
7	S	2145		902135	.64			-4.0	-13.7	-17.8	137.3		SP 113	
8														
9		0												
10								-5.6		-5.6	149.2		SP 113+0.25	
11	N	495		913224	2.18			-4.0	-13.3	-17.3	137.5		SP 114	
12														
13	N	1815		900738	.23			-4.0	-4.2	-8.0	146.8	⊙	SP 115	142.5
14														
15	S	2640		900208	3-0.0232			+4.0	-2.4	+5.9	152.7	Δ		148.4
16				2495704										
17	S	1320		895957				-4.0		-4.0	148.7		SP 116	
18														
19		0												
20								-6.0		-6.0	146.7		SP 117	

TI-8088

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE _____ PAGE No. 26
 LINE No.(s) _____ PARTY No. _____ DATE 27 Day 3 Mo. 75 Yr. BOOK No. 4
 SURVEYOR D. Dusda RODMAN D. JANSEN WEATHER: _____ 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															198.4
2															
3	N	1320		900530	.18				-4.0	-2.4	-6.2'	146.5		SP	118
4		2145		900272	-0.0255										
5	N	1320		2695437.5					-4.0	-1.9	-5.8'	146.9	⊙	SP	118 + 82.5 112.0
6				895623											(153.3)
7	N	5115		2700241	+0.0309				3.1	+4.7	+1.6'	154.3	SS	SP	2011155 (N2-257)
8															
9	S	2970		900954					+5.0	+8.6	+13.8'	160.7		A	156.4
10				2694935	-0.1004										
11															
12	S	2475		2694930					-12.0		-4.4'	156.3		SP	119 ✓
13															
14	S	1155		901130	.35				-4.0	-4.0	-8.0'	152.7		SP	120
15															
16		0							-5.7		-5.7'	155.0		SP	120 + 115.5
17											-7.7				
18		1155		911717	2.24				-4.0	-3.7	-0.3'	153.0		SP	121
19															
20															

TI-6888

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE _____ PAGE No. 27
 LINE No.(s) 45 PARTY No. _____ DATE 27 Day 3 Mo. 75 Yr. BOOK No. 4
 SURVEYOR D. Duda RODMAN D. JENSEN WEATHER: _____ 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															156.4
2														SP	122
3	N	1485		905702	1.66				-9.0	-24.7	-26.7		132.0		
4															
5	N	2905		902841	.84				-9.0	-24.4	-32.4		122.5	SP	123
6															
7	N	4225		901358	2.01430				-4.0	-17.8	-22.5		138.2	SP	124 RD 133.9
8				26944575											
9	S	2640		895065	3.100912				+4.0	+7.1	-3.1		135.1		130.8
10				2700840											
11	S	1320		895808	.26				-4.0	13.4	-0.6		134.5	SP	125
12															
13		0							-5.7		-5.7		129.4	SP	126 (N2-250) (128.7)
14															
15	N	1320		900743	.23				-10.0	-3.3	-13.0		122.1	SP	127
16															
17	N	2640		895939	3.00009				-9.0	-0.1	-4.1		131.0	SP	128 126.7
18				2695920											
19															
20															

TI-5888

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 28
 LINE No.(s) 45 PARTY No. _____ DATE 27 Day 3 Mo. 75 Yr. BOOK No. 4
 SURVEYOR J. Duda RODMAN J. TENSEN 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																	126.7
2																	
3	S	3115		89.5506	2				+4.0	+4.0	-0-	131.0		Δ			126.7
4				2700349	53												
5	S	1795		89.5750	.06				-4.0	+1.1	-2.9'		128.1		SP		129
6																	
7	S	475		91.2549	2.50				-5.0	+11.9	-16.9'		114.1		SP		130
8																	
9		0							-5.6		-5.6'		125.4		SP		130 + 475
10																	
11	N	845		89.5321	1.54				-4.0	+13.0	+2.4		128.6		SP		131
12		2165															
13	N	2165		89.5112	2				-6.0	+5.2	-0.8'		130.2		SP		132 (N2-159) (125.9) (132.2)
14				2700753	53												
15		0							+5.3		+5.3'	135.5		Δ			131.2
16																	
17	N	1320		90.0231	.09				-4.0	-1.2	-5.0		130.5		SP		133
18																	
19																	
20	N	2640		90.0917	.26				-6.0	-6.9	-13.1		122.4		SP		134

TI-5508

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STADIA SURVEY NOTES

AREA NFR-4 STATE or PROVINCE ALASKA PAGE No. 29
 LINE No.(s) 95 PARTY No. 184 DATE 27 Day 3 Mo. 75 Yr. BOOK No. 4
 SURVEYOR D. Peadar RODMAN D. J. JAMES WEATHER: _____ 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																131.2
2																(160.2)
3	N	4600		893912					5.0	+27.2	+22.2		157.7	⊙	SP	135+640 (N2-260) 1534
4				2701948												
5	E	0							5.6		+5.6		163.3	Δ		159.0
6																
7	N	680		911046	2.07				-5.0	-14.1	-19.1		144.2		SP	136
8																
9	N	2000		900303	.09				-4.0	-1.8	-5.0		157.5		SP	137
10																
11	N	2495		900000					-4.0		-4.3		159.0	⊙	SP	137+495 154.7
12				2695908												
13	S	3465		892703	.96				6.0	-33.3	-26.9		132.1		A	127.8
14				2703248												
15	S	2640		895704	.09				-4.0	+2.4	-1.6		130.5	SP	SP	138
16																
17	S	3220		91240	2.38				-4.0	-31.4	-35.4		96.7	S	SP	139
18																
19																
20									6.1		-6.1		126.0		SP	139+565

TI-602B

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 30
 LINE No.(s) 95 PARTY No. _____ DATE 27 Day 3 Mo. 75 Yr. BOOK No. 4
 SURVEYOR D. Dushal RODMAN D. JENSEN WEATHER: _____ 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																	127.8
2	N	755		.27	895138				-4.0	+1.7	-2.3'		129.8		SP	140	(158.8)
3																	
4	N	2075		.87	892853				-5.0	+16.1	+11.4		158.5	0	SP	141 (142-261)	145.0
5					216.50/18												
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	

TI-688B

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STADIA SURVEY NOTES

AREA 14 NR-4 STATE or PROVINCE ALASKA PAGE No. 31
 LINE No.(s) 15 PARTY No. 1184 DATE 26 Day 7 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		AB.S. OF.S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																146.2
2																
3																
4	S	825	-0°18'	52	C			+5.0	+4.2	+9.2	168.0		A		Center Target	
5																
6	S	825	-0°22'	64				-4.0	-5.3	-9.3	156.7		-	SP141	TOP SP-STAKE	
7																
8	N	495	-0°30'	87	C			-4.0	-4.3	-8.3	159.7		○	SP142	N2-262 (162.7)	
9	S	2640	+0°23'	67	C			+4.0	-17.7	-13.7	146.0		A		+15' Center Target	
10																
11	S	1320	+0°01'	03	C			-4.0	+0.4	-3.6	142.4			SP143		
12																
13		0	-		C					-4.8	141.2		A	SP144		
14																
15	N	335	+01°19'	2.30	C			-6.0	+7.7	+1.7	147.7		○		TOP 6 FT. TARGET	
16																135.1
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 32
 LINE No.(s) 45 PARTY No. 1184 DATE 26 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		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															SP144	+335	
4																135.1	
5																	
6	S	985		+0°25'30"	.87	C		+6.0	-8.6	-2.6	145.1		A			122.5	
7																	
8		0	-			C		4.2		-4.8		140.3		X	SP145		
9																	
10	N	1320		-0°04'	.12	C		-4.0	-1.6	-5.6		139.5			SP146		
11																SP146 + 255	119.7
12	N	1575		+0°18'	.52	C		-5.0	+8.2	+3.2		148.3		O	Center Target		
13	S	570		+0°23'	.67	C		+5.0	-3.8	+1.2	149.5		A			124.3	
14																	
15	N	495		-0°41'	2.94	C		4.0		-18.5		131.0			SP147		
16																	
17	N	1815		-0°28'	.81	C		4.0		-18.8		130.7			SP148		
18																	
19	N	3135		0°17'	.50	C		-4.0	-15.7	-19.5		130.0		O	SP149	117.4	
20																	

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STADIA SURVEY NOTES

AREA NIP-4 STATE or PROVINCE ALASKA PAGE No. 33
 LINE No.(s) 15 PARTY No. 1104 DATE 26 Day 3 Mo. 75 Yr. BOOK No. 4
 SURVEYOR D. Spone 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		AB.S. OF.S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
1																
2																
3																
4																
5																
6														⊙	5449	
7																117.4
8	S	2145	-0°12'	.35	C			+4.0	+7.5	+11.5	141.5		Δ			128.9
9																
10	S	825	-0°26'	.76	C			-4.0	-6.3	-10.3		131.2		⊙	5450	
11																
12		0				C		4.8		-4.8		136.7		Δ	5450 + 825	N2-
13																-0.8 To Center Target
14	N	295	0°42'	1.22	C			-4.0	-6.0	-10.0		131.5		⊙	5451	118.9
15	S	2075	-0°04'	.12	C			+4.0	+2.5	+6.5	138.0			Δ		125.4
16																
17	S	855	-0°25'	.73	C			-4.0	-6.2	-10.2		127.8			5452	
18																
19	N	465	-03°05'	5.37	C			-4.0	-25.0	-29.0		109.0		⊙	5453	76.4
20																

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 34
 LINE No.(s) 45 PARTY No. 1184 DATE 26 Day 3 Mo. 74 Yr. BOOK No. A
 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		AB.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1														0	SP53	96.9
2																
3																
4	N	3960	-0°16'	.47	C			+4.0	+18.6	+22.4	137.2			Δ		Elev. from Recap Survey N2-264
5																
6	N	2640	-0°22'	.64	C			-4.0	-16.9	-20.9		116.3		SP54		
7																
8	N	1320	-0°44'	1.28	C			-4.0	-16.9	-20.9		116.3		SP55		
9																(132.0)
10		0			C			4.8		-4.8		132.4	X	SP156	+100.0 N2-264	
11										-12.4						-1.0 To Center Target
12	N	1320	-0°35'	1.02	C			-4.0	-13.5	-16.5		119.8	0	SP157		101.9
13	S	1320	+0°24'	0.99	C			+4.0	-13.1	-9.1	110.7			Δ	SP158	92.3
14																
15		0			C			4.8		-4.8		105.9	X	SP159		
16																
17	N	1320	-0°11'	0.32	C			-4.0	-4.2	-8.2		102.5		SP159		
18																
19	N	2640	-		C			-4.0		-4.0		106.7	0	SP160		89.3
20																

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STADIA SURVEY NOTES

AREA NPR-A STATE or PROVINCE ALASKA PAGE No. 35
 LINE No.(s) A5 PARTY No. 1184 DATE 28 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		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1														○ SP/60		88.3
2																
3	S	495		-0°25'	173	C			+4.0	+3.6	+7.6	114.3		△		95.9
4																
5	N	825		-0°30'	187	C			-6.0	-7.2	-13.2		101.1		SP/61	top 6.0 Target
6																
7	N	2145		-0°07'	21	C			+4.0	-4.5	-8.5		105.8	○	SP/62	87.9
8	S	2145		0°07'	21	C			+4.0	+4.5	+8.5	114.3		△		95.9
9																
10	S	825		-0°54'	157	C			-4.0	-13.0	-17.0		97.3		SP/63	
11																
12	N	495		-0°46'	134	C			-4.0	-6.6	-10.6		103.7		SP/64	
13																
14	N	1815		-		C			-4.0		-4.0		110.3	○	SP/65	91.9
15																
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 36
 LINE No.(s) 45 PARTY No. 118A DATE 28 Day 3 Mo. 25 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		ABS. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
1														0	SP165	91.9
2																
3	S	1543		-0°10'	.29	C		4.0	+4.5	+85.	118.8			1		100.9
4																
5	S	223		-0°20'	.58	C		4.0	-1.3	-5.3.		113.5		SP166		
6																(113.2)
7																NA-265 P.P.
8		0	-			C							113.6	T	SP166 + 223 LINE 45	
9																SP 372 + 894 LINE 58
10																-0.3 to Center Target
11	E	894		-0°38'	1.11	C		4.0	-9.9	-13.9.		104.9		SP372	TOP SP stake	CL-58?
12																
13	W	425		-0°04'	.12	C		4.0	-0.5	-4.5.		114.3		SP373	TOP SP stake	
14																
15																
16	N	1075		+0°49'	1.43	C		4.0	+15.4	+11.4.		107.4		SP167		
17																NA-267 (120.3)
18	N	390 3260		+0°56'	1.63	C		5.0	+22.5	+17.5		136.3		SP167 + 205	Center Tar	112.9
19																305
20																

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STADIA SURVEY NOTES

AREA NPR-A STATE or PROVINCE ALASKA PAGE No. 37
 LINE No.(s) 45 PARTY No. 1184 DATE 27 Day 3 Mo. 25 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		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												120.7	0	N2-268	SP167 +305	117.9
2		1015														Elev. From Recip
3	S	1035		-0°11'	.32	C		+5.0	+3.2	+8.2	128.9		Δ	N2-267	126.1	
4																
5	S	1320				C		4.8		-4.8		124.1	X	SP168		
6																
7	N	1326		0°49'	1.43	C		4.0	-33.2	-22.8		126.1		SP169		
8																
9	N	2140		0°23'	.67	C		4.0	-17.7	-21.7		107.2	0	SP170	109.9	
10	S	2070		-0°39'	1.1	C		4.0	+23.0	+27.0	134.2		Δ		131.9	
11																
12	S	2170		-01°33'	2.71	C		4.0	-20.3	-24.3		109.9		SP171		
13																N2-269 (127.9)
14		0				C		4.8		-4.8		129.4	X	SP171	+750 -0.8 Center Tar.	
15																N2-
16	N	570		-01°51'	3.23			5.0	-18.4	-23.4		110.8	0	SP172	+80.0	
17																108.0
18																COMMON POINT
19																Center Target
20																

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 38
 LINE No.(s) 45 PARTY No. 1184 DATE 28 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														SP172	N2 - 108.0
2															
3	S	1485	-0°10'	.29	C				5.0	+4.3	+9.3	120.1		A	117.3
4															
5	S	165	-0°56'	1.63	C				4.0	-2.7	-6.7		113.4	SP173	
6															5799748
7	N	1155	-0°47'	1.37	C				4.0	-15.8	-19.8		106.3	SP174	
8															
9	N	2475	+0°22'	.64	C				4.0	+15.8	+11.8		108.3	SP175	
10															N2 - 270 (130.3)
11	N	2640	+0°20'	.58	C				5.0	+15.3	+10.3		130.4	SP175	+145 150
12	S	2780	+0°15'	.44	C				5.0	-12.2	-7.2	123.2		A	Center Target 120A
13															
14	S	1625	-0°01'	.03	C				4.0	-0.5	-4.5		118.7	SP176	
15															
16	S	305	-01°48'	3.14	C				4.0	-7.6	-13.6		109.6	SP177	
17															579974.8
18	N	1015	-01°32'	2.68	C				4.0	-27.2	-31.2		92.0	SP178	
19															
20	N	2335	-0°40'	2.91	C				4.0	-27.1	-31.1		92.1	SP179	89.3

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 39
 LINE No.(s) 45 PARTY No. 1184 DATE 28 Day 9 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		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1														⊙	SP179	89.3
2																
3	S	1320		-0° 22' 17"	.50	C			+4.0	+6.6	+10.6	102.7		Δ		99.9
4																
5		0				C							97.9	⊗	SP180	
6																
7	N	1320		-0° 03'	.09	C			+4.0	-1.2	-5.2		97.5		SP181	
8																
9	N	2080		+0° 37'	1.08	C			-4.0	+22.5	+18.5		121.2	⊙	SP181	+760 TOP +H. 118A
10	S	1385		+0° 24'	.70	C			+4.0	-9.7	-5.7	115.5		Δ		Stake 112.7
11																
12	S	825		+0° 17'	.50	C			-4.0	+4.1	+0.1		115.6		SP182	
13																
14		0 475		-01° 09'		C							110.7	⊗	SP182	N2- +825
15																
16	N	495		-01° 09'	2.01	C			-4.0	-10.0	-14.0		101.6		SP183	-0.6 TO Center Stake
17																
18	N	1330		-0° 49'	1.43	C			-4.0	-23.3	-27.3		88.2	⊙		TOP N.H. Stake 83A
19																
20																

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 40
 LINE No.(s) 45 PARTY No. 1184 DATE 23 Day 3 Mo. 75 Yr. BOOK No. 4
 SURVEYOR D. Stortz 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		AB.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2																85.4
3	S	450		+0°13'	.38	C		+4.0	-1.7	+2.3°	90.5		A			87.7
4																
5	S	165		-04°30'	7.82	C		-4.0	-12.9	-16.9°		73.6		SP104	Clock	
6															5999	26.8
7	N	660		+0°55'	1.60	C		-4.0	+10.6	+6.6°		97.1				94.3
8	S	475		-0°31'	.90	C		+4.0	+4.5	+8.5°	105.6		A			102.8
9																
10		0	-			C		4.8		-4.8°		100.8	A	SP185		
11																
12	N	750		+0°17'	.50	C		-6.0	+3.9	-2.2°		103.4	O		Top 6th stake	100.6
13	S	1065		-0°07'	.21	C		+6.0	+2.2	+8.2°	111.6		A			108.8
14																
15	S	485		-0°56'	1.63	C		-4.0	-3.1	+11.1°		99.5		SP186		
16															(5999 - 6.8)	
17	N	825		-0°21'	.61	C		-4.0	-5.0	-9.0°		102.6	O	SP187		99.8
18																
19																
20																

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 41
 LINE No.(s) 45 PARTY No. 1184 DATE 30 Day 3 Mo. 5 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													⊙ 187	99.8	
2															
3	S	2705	-0°14'	+1	C			4.0	+11.1	+15.1	119.9		Δ	114.9	
4															
5	S	1385	-0°03'	1.03	C			4.0	-25.5	-29.5		88.2	SP188		
6															
7	S	65	-03°05'	5.37	C			4.0	-4.0	-4.0		110.2	SP189		
8															
9		0													
10								4.8		-4.8		112.9	Δ SP189	N2 - 272 (111.4)	
11	N	1245 ⁵⁵	-0°27'	.79	C			4.0	-9.8	-13.8		103.9	SP190	3.8 = Center Target	
12															
13	N	2565 ²⁵	-0°09'	.26	C			4.0	-6.7	-10.7		107.0	⊙ SP191	109.2	
14	S	1320	+0°09'	.26	C			4.0	+3.4	+0.6	106.4		Δ	104.8	
15															
16		0													
17								4.8		-4.8		101.6	X SP192		
18	S	1320	-0°26'	.76	C			4.0	-10.0	-14.0		92.4	SP193		
19															
20	S	2640	+0°25'	.73	C			4.0	-19.3	-23.3		83.1	⊙ SP194	81.5	

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 42
 LINE No.(s) 45 PARTY No. 1184 DATE 30 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		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1														○	SP194	81.5
2																
3	S	1320		-0°01'	1.77	C		+4.0	+23.4	+27.4	110.5			△		108.9
4																N2-273 (105.4)
5		0				C		4.8		-4.2		105.7		△	SP195	100.0
6																Hi = Center Target
7	N	1320		0°25'	.73	C		-4.0	-9.6	-13.6		96.9		△	SP196	
8																
9	N	2640		-0°06'	.18	C		-4.0	-4.8	-8.800		101.9		○	SP197	104.1
10	S	1485		+0°05'	.15	C		+4.0	+2.2	+1.8	103.7			△		105.9
11																
12	S	165		-0°01'	.03	C		-4.0	-0.0	-4.0		99.7		△	SP198	
13		0				C		4.8		-4.8		98.9		△	SP	
14	N	660		-0°59'	1.72	C		4.0	-11.4	-15.4		88.3		○		90.5
15	S	1815		+0°33'	.96	C		4.0	-12.4	-13.4	74.9			△		77.1
16										+1.0						
17	S	1320		+0°13'	1.38	C		-4.0	+0.5	-3.5		75.9		△	SP199	
18																
19		0				C		4.8		-4.8		70.1		△	SP200	
20																

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 43
 LINE No.(s) 46 PARTY No. 1184 DATE 30 Day 3 Mo. 75 Yr. BOOK No. 4
 SURVEYOR D. Stone RODMAN _____ WEATHER: Windy 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																72.1
2																72.1
3	N	1320	-0°04'	.12	C			-5.0	-1.6	-6.6		68.3		SP201	N2-275 (70.7) +000 Center Target	70.5
4																73.9
5	S	2640	+0°02'	.06	C			+5.0	-1.6	+3.4	71.7			A		73.9
6																
7	S	1320	-0°04'	.12	C			-4.0	-1.6	-5.6		66.1		SP202		
8																
9		0	-					4.0		-4.0		67.7		SP203		
10																
11	N	1720	+0°15'	.44	C			4.0	+5.8	+1.8		73.5		SP204		75.7
12	S	2640	+0°03'	.09	C			4.0	-2.4	+1.6	75.1			A		77.3
13																
14	S	1320	-0°04'	.12	C			-4.0	-1.6	-5.6		69.5		SP205		
15																
16		0	-					4.8		-4.8		70.3		SP206		
17																
18	N	1720	+0°20'	.81	C			4.0	+10.7	+6.7		81.8		SP207		84.0
19																
20																

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 11
 LINE No.(s) 45 PARTY No. 1184 DATE 30 Day 3 Mo. 75 Yr. BOOK No. 4
 SURVEYOR D. Stone RODMAN WEATHER: Bad 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														SP207	81.0
2															
3	S	1320		-0°11'	.32	C			+4.0	+4.2	+8.2	90.0		A	92.2
4		0		-		C									
5						C			4.8		-4.8		85.2	X	SP208
6															
7	N	1320		-0°12'	.35	C			-4.0	-4.6	-8.6		81.4		SP209
8															
9	N	2640		+0°03'	.09	C			-4.0	+2.4	-1.6		88.4	O	SP210
10	S	2420		-0°03'	.09	C			+4.0	+2.2	+6.2	94.6		A	96.8
11															
12	S	1100		-0°45'	1.31	C			-4.0	-14.4	-18.4		76.2		SP211
13															5799 S.2
14	N	220		-04°25'	7.68	C			-4.0	-16.9	-20.9		73.7		SP212
15															
16	N	1540		-0°18'	1.52	C			-4.0	-8.0	-12.0		82.6		SP213
17															
18	N	1705		+0°03'	.09	C			-5.0	+1.5	-3.5		91.1	O	SP213
19															N2- +165
20															Center Target

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 15
 LINE No.(s) 45 PARTY No. 1184 DATE 30 Day 3 Mo. 75 Yr. BOOK No. 4
 SURVEYOR D. STONE RODMAN 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																93.2
2														0	SP213	+165 1/2 -
3	S	390 408		-0°18'	1.52			2.50	+7.3	+12.2	109.4			1		Elev. from
4										13.9						Recip Survey 125.4
5	S	235 245		-03°24'	5.92	C		-4.0	-14.5	78.5		91.5			SP214	112-277
6																(599.5) 112-277 (103.4)
7	N	250		-0°13'	.38	C		5.0	-1.0	-6.0		103.4			SP214	+48'
8																Center Target
9	N	1085		0°40'	1.16	C		-4.0	-12.5	-16.5		92.9			SP215	89.1
10	S	3360		10°07'	0.21	C		4.0	+7.1	23.7	90.1			1		86.0
11										2.1 +10.8						
12	S	2040		-0°33'	.96	C		-4.0	-19.6	-23.6		66.5			SP216	
13																
14	S	720		-01°33'	2.71	C		-4.0	-19.5	-23.5		66.6			SP217	
15																(599.5) Linsen (5.2)
16	N	600		-01°00'	1.74	C		-4.0	-10.4	-14.4		75.7			SP218	Line #30
17																UTS
18	N	1920		-0°39'	1.14	C		-4.0	-21.9	-25.9		64.2			SP219	
19																
20	N	3240		0°22'	.64	C		+4.0	-20.9	-24.9		65.4			SP220	61.3

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 46
 LINE No.(s) 46-45 PARTY No. 1184 DATE 30 Day 3 Mo. 75 Yr. BOOK No. 4
 SURVEYOR D. STONE RODMAN _____ WEATHER: Bad 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														○ 50220		66.3
2																
3	S	825		-0°11'	2.07	C		+4.0	+17.1	+21.1	86.5			Δ		82.4
4																
5	N	495		-0°41'	1.19	C		-4.0	-5.9	-9.9		76.6		50221		
6																
7	✓	1815		-0°15'	1.44	C		-4.0	-8.0	-12.0		74.5		○ 50222		70.4
8	S	1620		-0°34'	.99	C		+4.0	+16.0	+20.0	94.5			Δ		90.4
9																
10	S	300		-0°59'	3.46	C		-4.0	-10.4	-14.4		80.1		50223		
11																
12		0				C		4.8		-4.8		84.7		Δ 50223	+300	N2-278 (89.6)
13																-1.0 To Center Target
14	N	1020		-0°12'	1.35	C		-4.0	-3.6	-7.6		86.9		50224		
15																
16	N	2340		-0°15'	1.44	C		-4.0	-10.3	-14.3		80.2		○ 50225		76.1
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 47
 LINE No.(s) 25 PARTY No. 1184 DATE 30 Day 3 Mo. 7 Yr. BOOK No. 4
 SURVEYOR D. Stone RODMAN WEATHER: 22d 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														0	SP225	76.1
2																
3	S	495	-0°37'	1.08	C			+4.0	+5.3	+9.3	89.5		A			85.4
4																
5	N	825	-0°25'	1.73	C			-4.0	-6.0	-10.0		79.5		SP226		
6																
7	N	2145	+0°08'	1.23	C			-4.0	+4.9	+0.9		90.4		SP227		86.3
8	S	495	-0°03'	1.83	C			+4.0	+9.1	+13.1	103.5		A			99.4
9																
10	N	825	-0°25'	1.73	C			-4.0	-6.0	-10.0		98.5		SP228		87.4
11	S	1980	+0°36'	1.87	C			+4.0	-17.2	-13.2	80.3		A			76.3
12																
13	S	660	-0°01'	.03	C			-4.0	-0.2	-4.2		76.1		SP229		
14																
15	N	660	-01°29'	2.59	C			-4.0	-17.1	-21.1		59.2		SP230		55.1
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 48
 LINE No.(s) 45 PARTY No. 1184 DATE 70 Day 3 Mo. 25 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		ABS. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1														0	SP230	55.1
2																
3	S	495		-92°11'	.381	C			+4.0	+10.9	+22.9	82.1		A		78.0
4																over shot spot set up on sp
5	N	825 145		-90°02'	.06	C			-4.0	-1.3	-5.3		76.8	0	SP231 SP232	232 took
6	S	0				C			+5.0		+5.0	81.8		A		side shot to 77.7
7																SP231
8	S	1320		90°15'	.44	C			4.0	-5.8	-9.8		72.0	-	SP231	
9																
10	N	1320		90°25'	.73	C			4.0	-9.6	-13.6		68.2		SP233	
11																12-280 (78.1)
12	N	2640		89°59'	.03	C			-5.0	+0.8	-4.2		77.6	0	SP234	+100.0 73.5
13																Center Target
14																
15																
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALABAMA PAGE No. 19
 LINE No. (s) 45 PARTY No. 1184 DATE 01 Day 3 Mo. 25 Yr. BOOK No. 7
 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		ABS. OF S. - S.S.	Station	REMARKS	
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD				
1														0	SP234	72.5	
2																	
3	S	2805		90.04	.12	C		+5.0	+3.4	+8.4		86.0		Δ		81.9	
4																	
5	S	1485		90°15'	.44	C		-15.0	-6.5	-21.5			64.5		SP235	Top Rod	
6																	
7	Sx	165		90°36'	1.05	C		-4.0	-1.7	-5.7			83.3		SP236		
8																	
9		0				C											
10																	
11	N	1155		90.25		C											
12																	
13	N	1155 2426		90.44	1.28	C		-4.0	-14.8	-18.8			67.2	0	SP238	SP237	63.1
14																	
15																	
16																	
17																	
18																	
19																	
20																	

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 50
 LINE No.(s) 45 PARTY No. 1124 DATE 30 Day 3 Mo. 75 Yr. BOOK No. 4
 SURVEYOR D. STANE 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		AB.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1														0	227	63.1
2																
3	S	825		89°42'	.52	C		4.0	-4.3	-0.3		66.9		Δ		62.8
4				93°01'												
5	N	495		92°49'	5.26	C		4.0	-26.0	-30.0		36.9			50238	
6				92°49'												
7	N	1815		92°49'	1.43	C		4.0	-26.0	-30.0		36.9		⇒	50239	
8																
9	N	3135		90°16'	.47	C		4.0	-14.7	-18.7		48.2		⊙	50240	44.1
10	S	2640		89°49'	.32	C		15.0	-8.4	+6.6		54.6		Δ		50.7
11																
12	S	1320		89°50'	.29	C		4.0	+3.8	-0.2		54.6			50241	
13																
14		0						5.4		-5.4		49.4		⊖	50242	
15																
16	N	1320		89°31'	.84	C		4.0	+11.1	+7.1		61.9			50243	
17																
18	N	1815		89°18'	1.52	C		5.0	+22.1	+17.1		71.9		⊙	50243 + 495	N2-282 (69.3) 62.8
19																
20																

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 51
 LINE No.(s) 45 PARTY No. 1184 DATE 31 Day 3 Mo. 75 Yr. BOOK No. 4
 SURVEYOR D. STANE 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		AB.S. OF S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																67.8
2														⊙	SP243	+49.5 N2-282
3	S	1980		89° ^{41'} 40'	.55	C			+5.0	-10.9	-5.9	66.0		Δ		61.9
4																
5	S	1155		92.8	.81	C			-4.0	-9.4	-13.4	52.6			SP244	
6																
7	N	165		91°06'	1.92	C			-4.0	-3.2	-7.2	58.8			SP245	
8																
9	N	1485		90 02	.06	C			-4.0	-0.9	-4.9	61.1			SP246	
10																
11	N	2805		90°02'	.06	C			-5.0	-1.7	-6.7	59.3		⊙	SP244	+40.0 7N2-283 (57.2)
12	S	2640		89 20	.93	C			+5.0	-24.6	-19.6	37.6		Δ		Elevation from 55.2 Recip. Survey N2-283
13																
14	S	1320		90 09	.26	C			-4.0	-3.4	-7.4	30.2			SP247	48
15																
16		0				C			5.4		-5.4	32.2		X	SP248	49
17																
18	N	1370		90 09	.26	C			-4.0	-3.4	-7.4	30.2			SP249	50
19																
20	N	2640		89 32	.81	C			-4.0	+21.4	+17.4	55.0		⊙	SP250	51 53.0

TI-8888

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 52
 LINE No.(s) 45 PARTY No. 1104 DATE 1 Day + Mo. 75 Yr. BOOK No. 4
 SURVEYOR D. STONE RODMAN _____ WEATHER: fair 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														0	261	530
2																
3	S	495		-0°45'		C				4.0	+10.5	65.5		Δ		63.5
4																
5	N	835		+0°01'		c				4.0	-3.8		61.7		SP257	
6																
7	N	5145		-0°06'		C				4.0	-7.7		57.8	0	SP253	55.8
8	S	620		-0°46'		C				4.0	+12.3	70.1		Δ		68.1
9																
10				-0°30'		c				4.0						
11		0	-			C				4.8	-4.8		65.3	X	SP253 + 620	
12																
13				-6°30'		c				4.0	-10.1		60.0		SP254	
14																
15	N	3340		-0°12'		C				4.0	-15.7		54.4	0	SP256	over shot
16																SP255
17																will shot
18																side shot
19																to SP255
20																to the south

TI-4008

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 53
 LINE No.(s) 45 PARTY No. 1184 DATE 1 Day 7 Mo. 5 Yr. BOOK No. 7
 SURVEYOR D. Stone RODMAN _____ WEATHER: Good P.T.S. No. _____

Stn	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	SP256	52.4
2				$+0^{\circ}56'$		C										
3	S	165		$-0^{\circ}56'$		C				+9.6	64.0		A			62.0
4																
5	S	1485		$-0^{\circ}17'$		C				-11.3		52.7		-	SP255	
6																
7	N	1155	-			B	10.0			-15.8		48.2			SP257	Stadia reel
8																
9	N	2475		$-0^{\circ}18'$		C				-28.0		36.0	0		SP258	54.0
10	S	3465		$+0^{\circ}05'$		C				+9.0	45.0		A			43.0
11																
12	S	2145		$-0^{\circ}13'$		C				-12.1		32.9			SP259	
13																
14	S	825		$-0^{\circ}57'$		C				-17.7		27.3			SP260	
15																
16		0	-			C				-5.0		40.0	X		SP260	N2-285 (N3.4) + 8.25
17																
18																
19	N	495		$+0^{\circ}57'$		C				-12.2		32.8			SP261	- 0.8 To Center Tape
20	N	1815	-			C				-10.3		34.7	0		SP262	32.7

TI-5008

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STADIA SURVEY NOTES

AREA N.P. 4 STATE or PROVINCE ALASKA PAGE No. 54
 LINE No.(s) 45 PARTY No. 1184 DATE 1 Day 4 Mo. 78 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			Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		ABS. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion				INST.	ROD			
1													0	SP262	32.7	
2															40.5	
3	S	2640		-0°05'		C		4.0		+7.8	46.5		A		Elev. from LLIP survey H2-286	
4																
5	S	1320		-0°46'		C		4.0		-21.7		24.8	SP263			
6															H2-286(38.2)	
7	S	410		-01°10'		C		0.0		-8.3		38.2	- SP263	+910	PR	
8															TOP PR	
9																
10	SE	570		-0°24'		C		4.0		-9.6		36.9	- SP 354		Line 26 30.9	
11															TOP SP stake	
12	SW	1000		-0°43'		C		15.0		-27.5		19.0	- SP 355		Line 26	
13															TOP stake rod	
14		0	-			C		4.8		-4.8		41.7	K SP264			
15		405														
16	N	405 405		0°46'		C		5.0		+0.4		46.9	B SP264	+405	40.9	
17																
18																
19																
20																

TI-6688

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 55
 LINE No.(s) 45 PARTY No. 1184 DATE 1 Day 4 Mo. 25 Yr. BOOK No. 4
 SURVEYOR D. STONE RODMAN _____ WEATHER: Fair 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														0	SP264	40.5	40.9
2																	
3	S	1740		+0°15'		C					-2.6	44.3		Δ			38.3
4																	
5	S	825		-0°22'		C					-9.3		35.0		SP265		
6																	
7	N	495		-0°40'		C					-9.8		34.5		SP266		
8																	
9	N	1815		+0°23'		C					-3.4		40.9	0	SP267	+0.0	39.9
10																	Center Tar.
11																	P.P.
12																	Elev. from Recip
13																	Survey N2-289
14	S	1815		-0°18'		C					+14.5	59.0		Δ			49.5
15																	
16	S	1815		-0°20'		C					-10.6		48.4	-			TOP OF PIPE
17																	
18		1650		+0°25'		C					-14.0		45.0	1			TOP Peg Flag
19		1220		+0°27'		C					-11.6		47.4	2			
20		990		+0°32'		C					-11.2		47.8	3			

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STADIA SURVEY NOTES

AREA NOR. 4 STATE or PROVINCE ALASKA PAGE No. 56
 LINE No. (s) 45 PARTY No. 1184 DATE 8-1 Day 4 Mo. 85 Yr. BOOK No. 4
 SURVEYOR D. Staal RODMAN _____ WEATHER: Fair 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																	49.4
3		660		-0° 41'		C					-9.9	49.1				G 4	
4		330		-0° 51'		C					-6.9	52.1				G 5	
5		0	-			C					-5.0	54.0	X			G 6	
6		330		-0° 37'		C					-5.6	53.4				G 7	
7		660		-0° 26'		C					-7.0	52.0				G 8	
8		990		-0° 25'		C					-9.2	49.8				G 9	
9		1320		-0° 26'		C					-12.0	47.0				G 10	
10	N	1650		-0° 26'		C					-14.5	44.5	O			G 11	34.9
11	S	990		+0° 18'		C					-3.2	41.3	A				31.7
12		660		+0° 11'		C					+1.1	42.4				G 12	
13		330		-0° 21'		C					-4.5	36.8				G 13	
14		0	-			C					-4.8	36.5	X			G 14	
15		330				B	14.4				-15.9	25.4				G 15	
16		660		-0° 45'		C					-23.6	17.7				G 16	
17		990		-0° 28'		C					-23.1	18.2				G 17	
18		1320				B	13.7				-20.3	21.0				G 18	
19		1650				B	10.5				-18.8	22.5				G 19	
20		1980				B	11.8				-21.7	19.6				G 20	

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALBERTA PAGE No. 57
 LINE No.(s) 45 PARTY No. 1184 DATE 1 Day 4 Mo. 75 Yr. BOOK No. 4
 SURVEYOR D. Steff RODMAN _____ WEATHER: Fair P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		M.S. OF S. - S.S.	Station	REMARKS		
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD					
1																		
2																		31.7
3		2310	-			B	9.5			-	-21.1	70.2			60021			
4		2640	-			B	3.6				-16.8	24.5			60022			
5	N	2970		-0°13'		C					-26.2	15.1			60023	45		
6	N	3500		-0°11'		C					-25.6	15.9			60024	E. 02. 45	6.1	
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		

TI-600B

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