

STADIA SURVEY NOTES

AREA Zone A NPR-4 STATE or PROVINCE Alaska PAGE No. 127-A  
 LINE No.(s) 28 PARTY No. 184 DATE 13 Day 4 Mo. 74 Yr. BOOK No. 1  
 SURVEYOR A. Jensen RODMAN K. Byrd WEATHER: Coll-windy-Hazy - -10°F P.S. No. 2  
A. Blaze Volume

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																	
2																	
3																	
4	W	6435		90°04'	34	-			+3.9		+10.6	102.7					
5				269 57	26												
6																	
7	E	3795		90 03	56	-			-7.0		-10.5		92.2	-			Gr. #1 End Tail Spd.
8				269 57	31									CK			2150 N2-1234A
9	E	165		91 40	49	-			-4.0		-8.8		93.9				SP 1 Line 28
10				268 21	07												
11		0		-					-5.5		-5.5		97.2	-			Gr. 1 = N2-124
12																	
13	W	1155		90 20	30	-			-4.0		-10.6		92.1	-			SP-2 Ln. 28
14				269 41	17												CK
15																	
16	W	2475		90 12	36	-			-4.0		-12.7		90.0	-			SP-3 Ln 28
17				269 48	51												CK
18																	
19																	
20																	

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### STADIA SURVEY NOTES

AREA Zone A NPR-4 STATE or PROVINCE A/23K2 PAGE No. 127-B  
 LINE No.(s) 28 PARTY No. 184 DATE 13 Day 4 Mo. 74 Yr. BOOK No. 1  
 SURVEYOR A. Jensen RODMAN K. Byrd WEATHER: Cold, Windy, Hazy -12°F P.T.S. No. 2  
A. Blazc Volume

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.			
1		<u>710</u>													
2															
3	-	0													
4															
5	E	<del>1320</del> 2640		90 03 00					+2.9 +5.2	+5.2	97.3				
6				269 58 02											
7	E	1320		90 05 46											
8				269 55 53											
9															
10															
11		0													
12															
13															
14	W	1320		90 07 57											
15															
16	W	2640		90 02 00											
17															
18															
19															
20															

### STADIA SURVEY NOTES

AREA N.P.R. No. 4 STATE or PROVINCE Alaska PAGE No. 128  
 LINE No.(s) 28 PARTY No. 184 DATE 15 Day April Mo. 1994 Yr. BOOK No. 1  
 SURVEYOR Leibengood RODMAN A. McDougall WEATHER: Clear ± 0' - light wind. P.F. No. 2  
Volume

LINE	Bearing of Sight	Stadio 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			▲B.S. OF.S. - S.S.
1																
2	E	2640		90° 08' 26"							+4.0	+10.0	101.8		SP. 8 - Line 28	
3				289° 52' 47"							+4.0				Δ CK	
4		1320		90° 07' 34"							-4.0	-6.9	94.9		SP. 9	
5		0									-5.6	-5.6	96.2		SP. 10	
6	W	1320		90° 00' 56"							-4.0	-7.4	97.4		SP. 11	
7	W	2144		89° 54' 49"							+3.7	0.1	101.7		TP. N2 - 125	
8		2170		270° 06' 20"							-3.7				CK	
9	E	3110		89° 50' 23"							+3.7	-5.1	96.6		Δ CK	
10		3110		270° 10' 16"							+3.7				CK	
11		2640		89° 52' 25"							-4.0	+1.8	98.4		SP. 12	
12		1320		89° 47' 55"							-4.0	+0.6	97.2		SP. 13	
13		0									-5.6		91.0		SP. 14	
14	W	1320		90° 08' 00"							-4.0	-10.0	-13.1	73.5		SP. 15 6.0 ft. boost (on small lake)
15																
16	W	2640		90° 07' 48"							-4.0	-9.7	86.9		SP. 16	
17				289° 53' 05"							-4.0				CK	
18	E	2640		90° 07' 14"							+4.0	+9.1	96.0		Δ	
19				289° 53' 50"							+4.0				CK	
20	E	1320		90° 11' 51"							-4.0	-8.6	87.4		SP. 17 Page 132	

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### STADIA SURVEY NOTES

AREA NPR - A STATE or PROVINCE Alaska PAGE No. 130  
 LINE No.(s) 28 PARTY No. 184 DATE 15 Day April Mo. 1974 Yr. BOOK No. 1  
 SURVEYOR Leibengood RODMAN AMC 2009011 WEATHER: \_\_\_\_\_ P.S. No. 2  
Volume \_\_\_\_\_

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									5'		93.1	○	TP. N2-126	
2	E	3135		90° 03' 28"		-		+4.7	+7.6	100.7		Δ		
3				269° 57' 06"				+4.7				CK		
4		2640		90° 09' 58"				-4.0					SP. 21	
5		1320		90° 12' 06"				-4.0					SP. 22	
6		0						-5.6					SP. 23	
7	W	495		90° 12' 10"				-4.6	-6.9				TP. N2-127	
8		1434.5		90° 19' 07"				-4.0					SP. 24	
9	W	2640		90° 10' 57"		-		-4.0	-12.5	88.2	○	SP. 25		
10		2759.5		269° 49' 57"				-4.0				CK		
11	E	2640		90° 02' 07"		-		+4.0	+5.3	93.5	Δ	CK		
12				269° 58' 40"				+4.0						
13		1320		90° 05' 02"				-4.0					SP. 26	
14		0						-5.6					SP. 27	
15	W	1320		90° 05' 22"		-		-4.0	-6.1				SP. 28	
16	W	2640		90° 04' 08"				-4.0	-6.9	86.6	○	SP. 29		
17				269° 56' 33"				-4.0				CK		
18	<i>Use Run - Page 132-133</i>													
19														
20														

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### STADIA SURVEY NOTES

AREA N.P.P. STATE or PROVINCE Alaska PAGE No. 131  
 LINE No.(s) 28 PARTY No. 184 DATE 15 Day April Mo. 1974 Yr. BOOK No. 1  
 SURVEYOR Leibengood RODMAN A. McDougall WEATHER: \_\_\_\_\_ ~~PTS.~~ No. 2  
Volume \_\_\_\_\_

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.			
1				09' 18"							83.5	○	SP. 28	28	
2	E	2640		90° 75' 78"				+4.0	+10.6	99.1		△			
3				269° 52' 07"				+4.0				CK			
4		1320		90° 27' 26"				-4.0	-14.5		79.6		SP. 30	29	
5		0						-5.6					SP. 31	30	
6	W	825		90° 13' 12"				-4.5					T.P. N2	29/28	
7		1320		90° 14' 24"				-4.0					SP. 32	31	
8	W	2640		90° 11' 30"				-4.0	-12.8		81.3	○	SP. 32	32	
9				269° 49' 20"				-4.0				CK			
10															
11														See Run - Page 133	
12															
13															
14															
15															
16															
17															
18															
19															
20															

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### STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 132  
 LINE No.(s) 28 PARTY No. 184 DATE 17 Day 4 Mo. 74 Yr. BOOK No. 1  
 SURVEYOR C. RAY RODMAN LEIBENSOOD WEATHER: COOL & CLEAR ~~PTS.~~ No. 2

VOLUME

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Abs. G.F.S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2	E	2640		90°06'21"												
3				2695'3.58												
4	E	1320		90°10'52"												
5		-0-														
6	W	1320		89°52'00"												
7				276°04'04"												
8	<del>E</del>	<del>2750</del>		<del>90°21'10"</del>												
9	<del>E</del>															
10																
11	E	2145		90°02'10"												
12	E	825		90°21'07"												
13		0														
14	W	495		90°35'28"												
15	W	1815		90°04'40"												
16	E	1320		90°10'52"												
17		0														
18	W	495		90°09'40"												
19	W 1435	<del>1320</del>		90°17'15"												
20	W	<del>2440</del>		90°10'05"												

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### STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 133  
 LINE No.(s) 2B PARTY No. 184 DATE 17 Day 4 Mo. 74 Yr. BOOK No. 1  
 SURVEYOR C. RAY RODMAN LEIBENGOOD WEATHER: CLEAR & COOL P.T.S. No. 2  
Volume

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		H.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1				90°01'38"								88.2	0	SP25		
2	E	2640		90°01'28"					+4.0	+5.2	93.4		Δ			
3	E	1320		90°01'01"					-4.0	-5.5		87.9	-	SP26		
4		0							-5.0	-5.0		88.4	-	SP27		
5	W	1320		90°04'09"					-4.0	-5.6		87.8	-	SP28		
6	W	2640		90°02'01"					-4.0	-6.3		87.1	0	SP29		
7	E	1320		90°25'43"					+4.0	+13.9	101.0		Δ			
8		0							-5.0	-5.0		96.0	-	SP30		
9	W	825		90°09'26"					-4.5	-6.8		94.2	-	N2-128		
10	W	1320		90°11'55"					-4.0	-8.6		92.4	-	SP31		
11	W	2640		90°11'10"					-4.0	-12.6		88.4	0	SP32		
12																
13																
14																
15																
16																
17																
18																
19																
20																

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### STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 134  
 LINE No.(s) 28 PARTY No. 184 DATE 17 Day 4 Mo. 74 Yr. BOOK No. 1  
 SURVEYOR C. RAY RODMAN LEIBENSOOD WEATHER: WINDY & COOL ~~P.T.S.~~ No. C  
Volume 10

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	E	2640		89°56'00"				+4.0	}	+3.2	91.6	88.4	0	SP32				
3	E	2640		270°01'13"			+4.0											
4	E	1320		89°56'22"			-4.0								89.0	-	SP33	
5		0						-5.0				86.6	-	SP34				
6	W	1320		89°04'19"			-4.0		}	-5.7	85.9	85.9	-	SP35				
7	W	2640		90°04'42"			-4.0								84.0	-	SP36	
8		2640		269°55'19"			-4.0											
9	E	1485		90°05'50"			+4.0		}	+6.5	90.5							
10		1485		269°54'19"			+4.0											
11	E	220165		90°14'11"			-4								85.8	-	SP37	
12		0						-5.0				85.5	-	N2-129	1 wire line 25' E 29' (SP 26-28)			
13	W	1155		90°27'30"			-4.0		}	-13.3	77.2			SP38				
14	W	2640		90°14'22"			-4.0								75.6	0	SP39	
15		2640		269°46'00"			-4.0											
16	E	2640		89°58'45"			+4.0		}	+3.0	78.6							
17	E	2640		270°01'14"			+4.0											
18	E	1320		90°16'57"			-4.0								70.4	-	SP40	
19		0						-5.0				73.6	-	SP41				
20	W	1320		89°54'09"			-4.0					74.9	-	SP42				

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### STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 135  
 LINE No.(s) 28 PARTY No. 18 DATE 17 Day 4 Mo. 24 Yr. BOOK No. 1  
 SURVEYOR GRAY RODMAN LEIBENCOUD WEATHER: COLD & WINDY P.T.S. No. 2  
VOLUME

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				<del>89°04'19"</del>								78.6			
2	W	2640		89°57'19"						-1.9		76.7	ck	SP43	
3		2640		270°02'46"									ck		
4	E	1320		90°06'22"						+6.4	83.1		ck		
5	E	1320		219°53'52"									ck		
6		0													
7	W	1320		90°12'00"						-7.0		77.9	-	SP44	
8	W	1320		249°47'54"						-7.0		71.5	0	SP45	
9	E	2640		39°40'12"						+7.0			ck		
10	E	2640		270°19'58"						+7.0			ck		
11	E	1320		90°02'30"						-4.0					
12		0								-5.3		58.0	-	SP46	
13	W	1320		39°36'21"						-5.3		58.0	-	SP47	
14	W	1815		39°28'00"	89°28'01"					+5.1		68.4	-	SP48	
15	W	1815		270°32'13"						+12.5		75.8	0	N2-130 SP 48+495'	
16	E	2145		90°04'28"						-4.3			ck		
17	E	<del>2145</del> 2145		90°04'28"						+7.2	83.0		ck		
18		0		40°12'14"											
19	E	1320		269°58'26"						-5.0				SP49	
19	E	1320		90°13'14"						-4.0		73.9	-	SP49	
20		0								-5.3		77.7	-	SP49 50	

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### STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE Alaska PAGE No. 136  
 LINE No.(s) 28 PARTY No. 184 DATE 17 Day 4 Mo. 24 Yr. BOOK No. 1  
 SURVEYOR C. Ray RODMAN Leibengood WEATHER: Windy & Cold P.T.S. No. 2  
Volume

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												83.0					
2																	
3	W	1320		90°13'25"									73.8	-	SP51		
4	W	2640		90°09'14"									71.9	0	SP52		
5	W	2640		219°30'34"											ck		
6	E	2143		90°02'32"	90°02'40"							+5.7	77.6		ck		
7	E	2143		265°57'13"											ck		
8	E	823		90°09'25"									-6.3		71.3	-	SP53
9		0											-2.2		75.4	-	N2-131 top pipe
10	W	997		90°29'58"									-4.0		69.3	-	SP54
11	W	1817		90°05'23"									-4.0		70.8	-	SP55
12	S	1201		90°26'00"									-4.0		71.5	-	SP25 Line 21 + 0.7 Ti.
13	S	1201		269°54'13"									-4.0		70.8	ck	
14	N	119		90°34'12"									-4.0		72.4	-	SP26 Line 21
15	N	119		264°25'38"									-4.0			ck	
16																	
17																	
18																	
19																	
20																	

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