

STADIA SURVEY NOTES

AREA Kuk River STATE or PROVINCE North Slope, ALASKA PAGE No. 1
 LINE No.(s) KD-3 PARTY No. 1182 DATE 7 Day 2 Mo. 77 Yr. BOOK No. _____
 SURVEYOR K.R. ALLEN RODMAN VAN ALLEN WEATHER: _____ P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		▲B.S. OF.S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2																
3												34.6				ENYOK TA. STA.
4		0							5.0	+5.0	39.6		Δ			
5		2033		89°31'	59"	C			5.5	+11.4		51.0	⊙	77+495		
6		"		270°28'	42"											
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

Notes worked
 with SE-52
 program
 Stadia Elev. with
 CURVATURE &
 REFRACTION
 CORRECTIONS

TI-568B

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2nd

STADIA SURVEY NOTES

AREA Kuk River STATE or PROVINCE North Slope, ALASKA PAGE No. 2
 LINE No.(s) KD-3 PARTY No. 1182 DATE 7 Day 2 Mo. 77 Yr. BOOK No.
 SURVEYOR K.R. ALLEN RODMAN T. VAN ALLEN WEATHER: P.T.S. No.

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		▲B.S. OF.S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2																
3																
4	N	990	-			C		14.2		+14.3	-65.2		51.0	Δ	77	+495
5	"	"	-			C		14.4								R
6	"	495	-			C		11.5		-11.5			52.7		77	
7	"	2310		90°29' 39"		C		10.0		-29.8			35.4		78	
8	"	3630		90°38' 55"		C		10.0		-50.8			14.4		79	
9	"	4950		90°33' 59"		C		10.0		-58.4			6.8		80	
10	N	5445		90°31' 55"		C		10.0		-59.9			5.3		Pin 2	
11	S	825	-			C		-7.3		-7.3			58.0		76	
12	"	2145	-			C		-6.2		-6.2			59.0		75	
13	"	3465	-			C		-2.0		-2.0			63.2		74	
14	"	4785		89°38' 34"		C		-10.0		+20.3			85.5		73	
15	"	4950		89°37' 42"		C		5.1		+27.9			-93.1	⊙	73-	o 165
16	S	"		270°22' 47"		"		"		"			"			R
17	N	4950		89°53' 09"				14.3		+3.6	96.8			Δ		
18	"	4950		270°07' 14"				14.3								
19	"	3795		89°51' 18"				14.3		-4.4			92.4		72	
20	"	2475		89°49' 53"				5.0		+2.4			99.2		71	

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STADIA SURVEY NOTES

AREA Kuk River STATE or PROVINCE North Slope, ALASKA PAGE No. 3
 LINE No.(s) 3 PARTY No. 1182 DATE 7 Day 2 Mo. 77 Yr. BOOK No. _____
 SURVEYOR K.R. ALLEN RODMAN T. VAN ALLEN WEATHER: _____ P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		▲B.S. OF.S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												96.8				
2	N	1155	-			C		8.2				88.6		70		
3	S	165	-			C		9.8				87.0		69		
4		1485		90° 08' 58"		C		14.0		-17.8		79.0		68		
5	"	2805		90° 27' 23"		C		14.0		-36.0		60.8	○	67	D	
6	S	"		269° 33' 09"		C		14.0					△		R	
7	N	3960	-			C		8.4		+8.6	69.4		△		D	
8	"	"	-			C		9.4							R	
9	"	2640	-			C		13.3		-13.2		56.2		66		
10	N	1320	-			C		7.0		-7.0		62.4		65		
11		0						5.6		-5.6		63.8		64		
12	S	1320	-			C		7.2		-7.2		62.2		63		
13		2640	-			C		-7.5		-7.4		62.0		62		
14		3960	-			C		-11.4		-10.3		58.7	○	61		
15	S	"	-			"		10.6								
16	N	2640	-			C		3.2		+2.9	65.4		△		D	
17	"	"	-			C		2.5							R	
18	N	1320	-			C		-7.9		-7.9		53.5		60		
19		0						5.0		-5.0		56.4		59		
20																

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STADIA SURVEY NOTES

AREA Kuk River STATE or PROVINCE North Slope, ALASKA PAGE No. 4
 LINE No.(s) 3 PARTY No. 1182 DATE 7 Day 2 Mo. 77 Yr. BOOK No. _____
 SURVEYOR R.R. ALLEN RODMAN T. VANALEN 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												61.4			
2	S	2640		90°39' 13"		C		10.0		-39.7		21.7	0	57	D
3	"	"		269°21' 27"		"		"							R
4		0						5.6		+5.6		27.3	Δ		
5	N	1320		90°59' 08"		C		4.0		-26.7		0.6		58	
6		0						5.6		-5.6		21.2	0	57	
7	N	3960		90°10' 03"		C		14.0		+24.9		48.6	Δ		D
8	"	"		269°50' 28"		"		"							R
9	"	2640		90°10' 30"		C		13.7		-21.6		25.0		56	
10	"	1320		90°10' 30"		C		12.0		-16.0		30.6		55	
11		0						-5.4				41.2		54	
12	S	1320		89°10' 47"		C		15.0		+3.9		50.6		53	
13	"	2640		89°27' 36"				15.0		+10.0		56.7		52	
14	"	3960		89°35' 30"				15.0		+13.9		60.5	0	51	D
15	S	"		270°25' 05"		C		"							R
16	N	3960		90°07' 55"				15.2		+23.4		83.9	Δ		D
17	"	"		269°52' 47"				"							R
18	"	2640		89°55' 37"				15.0		-11.5		72.4		50	
19	"	1320		90°07' 10"				5.0		-7.7		76.2		49	
20		0						5.4		-5.4		78.5		48	

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STADIA SURVEY NOTES

AREA Kuk River STATE or PROVINCE North Slope, Alaska PAGE No. 4A
 LINE No.(s) 3 PARTY No. 1182 DATE 7 Day 2 Mo. 77 Yr. BOOK No. _____
 SURVEYOR R.R. Allen RODMAN T. VanAllen WEATHER: _____ P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		▲B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												183.9				
2	S	1320		90°00'	38"	C			8.0	-8.2		75.7		47		
3	"	2640		90°01'	15"				"	-8.8		75.1		46		
4	"	3960		90°00'	41"				8.0	-8.3		75.6	○	45	D	
5	S	"		269°59'	35"				"						R	
6																
7	N	3960		89°59'	50"				8.0	+7.2		82.8	Δ		D	
8	"	"		270°00'	39"				"						R	
9	"	2640		89°58'	17"				8.0	-6.5		76.3		44		
10	"	1320		89°57'	21"				"	-6.9		75.9		43		
11		0							5.4	-5.4		77.4		42		
12	S	1320		89°57'	42"				8.0	-7.1		75.7		41		
13		2640		89°59'	51"				"	-7.7		75.1		40		
14		3960		90°00'	42"				8.0	-8.2		74.6	○	39	D	
15	S	"		269°59'	42"										R	
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA Kuk RIVER STATE or PROVINCE North Slope, ALASKA PAGE No. 3
 LINE No.(s) 3 PARTY No. 1182 DATE 8 Day 2 Mo. 77 Yr. BOOK No. _____
 SURVEYOR R. R. ALLEN RODMAN T. VanAllen 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												74.6		39	
2	N	5280		89°53' 52"		C		15.0		+4.6	179.2		Δ		
3	"	"		270°06' 41"		"		"							
4	"	3960		89°49' 39"		"		"		-2.7		76.4		38	
5	"	2640		90°05' 05"		"		"		-18.8		60.4		37	
6	"	1320		89°40' 08"		"		"		-7.3		71.8		36	
7	K	0						5.4		-5.4		73.8		35	
8	S	1320		89°39' 32"		C		15.0		-7.1		72.1		34	
9	"	2640		89°45' 56"		"		"		-4.1		75.1		33	
10	"	3960		89°53' 05"		"		"		-6.7		72.5		32	
11	"	5280		89°53' 10"		"		15.0		-3.6		75.6	⊙	31	D
12	"	"		270°07' 16"		"		"							E
13	N	3960		89°15' 43"		C		15.0		-36.7	38.8		Δ		D
14	"	"		270°45' 06"		"		"							E
15	"	2640		89°15' 50"		C		4.5		31.1		69.9		30	
16	"	1320		89°52' 06"		"		5.0		-1.9		36.9		29	
17	K	0						-5.4		-5.4		33.4		28	
18		1320	-			C		8.3		-8.3		30.6		27	
19		2640	-			C		10.2		-10.1		28.8		26	
20															

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STADIA SURVEY NOTES

AREA Kuk River STATE or PROVINCE North Slope, ALASKA PAGE No. 6
 LINE No.(s) 3 PARTY No. 1182 DATE 8 Day 2 Mo. 77 Yr. BOOK No. _____
 SURVEYOR K.R. ALLEN RODMAN T. VAN ALLEN WEATHER: _____ P.T.S. No. _____

L I	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												38.8				
2	S	3300	-			C			2.3		-2.0		36.9	D	24	Line Int. 345
3	"		-			C			2.1					R	25	160 LINE #3 common to
4	"															Sp. 116 LINE #5
5	S	3960		89°51'	51"	C			-6.0		+4.1		43.0	O	25	D 25
6	S	"		270°08'	53"				"					R		
7	N	3960	-			C			10.8		+10.3	33.3		Δ	26	
8	"	"	-			"			10.5						27	
9	"	2640	-			B	3.3	13.2	16.5		-16.4		36.9		24	
10	"	1320		92°02'	42"	C			5.0		-52.0		1.3		23	RIVER
11	"	495		91°20'	33"	C			14.0		-25.6		27.7		22+	495
12	"	1815		90°26'	03"	C			"		-27.7		25.6		23+	495
13	T	0							5.6		-5.6		47.7		22	
14	S	1320		89°49'	45"	C			5.0						21	D
15	"	"		270°10'	50"	"			"		-0.9		52.4	O	"	R
16	N	4455		89°27'	40"	C			6.0		-36.3	15.6		Δ	28	D
17	"	"		270°33'	00'	"			"							R
18	"	3135	-			C			-9.3		-9.1		6.5		20	
19	"	1815	-			C			13.0		-12.9		2.7		19	
20	N	495	-			C			12.4		-12.4		3.2		18	

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STADIA SURVEY NOTES

AREA Kuk River STATE or PROVINCE North Slope, Alaska PAGE No. 7
 LINE No.(s) 3 PARTY No. 1182 DATE 8 Day 2 Mo. 77 Yr. BOOK No. _____
 SURVEYOR R. R. ALLEN RODMAN T. VAN ALLEN WEATHER: Cloudy 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											15.6			
2	N	3630		89°45'	12'	C		4.0	+11.9		27.5		20+	495
3														
4	S	825	-			C		12.3	-12.3		3.4		17	
5	"	2145	-			C		14.4	-14.3		1.3		16	
6	"	3465		89°54'	53"	C		5.9	+0.6		16.3	○	15	D
7	"	"		270°05'	32"	"		"						R
8	N	3960		90°04'	12"	C		14.0	+18.3		34.4	Δ		D
9	"	"		269°56'	25"	"		"						E
10	"	2640	-			C		12.7	-12.6		21.9		14	
11	"	1320	-			C		9.3	-9.3		25.1		13	
12	A	0						5.6	-5.6		28.8		12	
13	S	1320	-			B	10.2	6.6	-16.8		17.6		11	
14	"	2640		89°40'	14"	C		5.0	+10.1		44.5		10	
15	"	3960		89°32'	15"	C		6.0	+26.7		61.1	○	9	D
16	"	"		270°28'	23"	"		"						R
17	N	2640	-			B	13.3	13.2	+26.4		187.5	Δ		D
18	"	"	-			B	13.4	13.2						R
19	"	1320	-			C		-13.4	-13.4		74.1		8	
20		0						-5.0	-5.0		82.5		7	

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STADIA SURVEY NOTES

AREA Kuk River STATE or PROVINCE North Slope, Alaska PAGE No. 8
 LINE No.(s) 3 PARTY No. 1182 DATE 8 Day 2 Mo. 77 Yr. BOOK No. _____
 SURVEYOR K. R. ALLEN RODMAN T. VAN ALLEN WEATHER: _____ P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												187.5				
2	S	1320	-			C				-8.2		79.3		6		
3		2640	-			C				-10.8		76.7		5	D	
4	S	"				C				-10.4		89.7	0	"	R	
5	N	2640	-			C				+14.5		93.8	0	D		
6	"	"	-			C									R	
7	"	1320	-			C				-8.5		85.3		4		
8		0								-5.4		88.4		3		
9	S	1320	-			C				-5.3		88.5		2		
10	"	2640	-			T	8.7	+13.2	4.5	+4.5		98.3		1	D	
11	"	"	-			T	8.4	+13.2	4.8						R	
12	"	4125	-			T	12.5	+20.6	+8.1	+7.7		101.5		P ₁₁ =5		
13	"	5775		89°47'	37'	C			8.0	+13.5		107.3		P ₁₁ =10		
14	"	0							5.4	-5.4		88.4	0	Sp 3		
15																
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA Ruk River STATE or PROVINCE North Slope, ALASKA PAGE No. 9
 LINE No.(s) 3 PARTY No. 1182 DATE 8 Day 2 Mo. 77 Yr. BOOK No. _____
 SURVEYOR K.R. ALLEN RODMAN T. VANALEN 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												88.4		3		
3	S	2640		89°47' 28"		C		6.5		-3.5	84.9		Δ		D	
4		"		270°13' 12"		"		"							R	
5	X	0						-6.0		-6.0		78.9		5		
6	N	2640		89°48' 52"		C		9.3		-0.5		184.4	⊙	7	D	
7	"	"		270°11' 31"		"		"							R	
8	S	2640		89°28' 26"		C		9.3		-15.3	69.1		Δ		D	
9	"	"		270°32' 14"		"		"							R	
10		0						-5.8				63.3		9		
11	N	3960		90°25' 17"		C		9.5		-37.9		31.2	⊙	12	D	
12	"	"		269°35' 28"		"		"							R	
13	S	3960		89°44' 35"		C		11.5		-6.9	24.3		Δ			
14	"	"		270°15' 55"		"		"								
15		0						5.9				18.4		15		
16	N	3465	-			C		13.2		-13.7		11.6	⊙		D	
17	"	"	-			"		12.7							R	
18	S	4455		90°30' 03"		C		10.2		+48.1	59.7		Δ		D	
19	"	"		269°30' 34"		"		"							R	
20		0						5.5						21		

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STADIA SURVEY NOTES

AREA Kuk River STATE or PROVINCE North Slope, Alaska PAGE No. 10
 LINE No.(s) 3 PARTY No. 1182 DATE 8 Day 2 Mo. 77 Yr. BOOK No. _____
 SURVEYOR K.R. ALLEN RODMAN T. VAN ALLEN WEATHER: _____ P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		▲B.S. OF.S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												59.7				
2	N	1320	-			C		9.9		-9.7		50.0	○	22		
3	"	"	-			"		9.6							R	
4	S	3960		89°51'	55"	C		11.0		+0.4		50.9	Δ			
5		"		270°08'	56"	"		"								
6	N	0						-5.6				45.3		25		
7	N	660	-			C		-11.1		-11.2		39.6	○			Inter. Lines 3 & 5
8		"	-			C		-11.4								Refer to Page 6 - Line #3
9													1			ELEV. 36.9
10																39.6
11																+2.3 Tie
12																
13																
14																
15																
16																
17																
18																
19																
20																

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