

STADIA SURVEY NOTES

AREA Muk River STATE or PROVINCE North Slope, Alaska PAGE No. 1
 LINE No.(s) 6 PARTY No. 1182 DATE 12 Day 2 Mo. 77 Yr. BOOK No. _____
 SURVEYOR K.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			Δ B.S. OF S. - S.S.
1			Take off Sp 88 - KD-5 Refer to page 6 of line 5 for									Elev.	43.5		Sp 88	Line #5
2																
3	W	1320	-			C				14.3	+14.1	57.6		Δ	D	
4	"	"	-			"				14.0					R	
5	T	0														Line int. 566
6	N	660	±			C				9.4	-9.4	48.2			19	
7	"	1980	-			T	7.2	+9.9		+2.7	+2.7	60.3			18	
8	"	3300		89°35'	08"	C				6.0	+13.1	75.3	⊙		17	D
9	"	"		270°24'	57"					"						R
10	S	3135		90°01'	52"	C				5.6	+6.9	82.7		Δ	D	
11	"	"		269°58'	31"	"				"						R
12	"	1815	-			C				-3.3	-3.2	79.4			16	
13	S	495	-			C				5.2	-5.0	77.7			15	
14	T	0								5.5		77.2			Pin	
15	N	825	-			B	12.9	-4.1		17.0	-17.0	65.7			14	
16	"	2145		90°34'	15"	C				10.0	-31.3	51.4			13	
17	"	3465	-			C				5.6	-5.1	77.6	⊙		12	D
18	"	"				"				5.1			⊙			R
19																
20																

TI-588B

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CHECKED BY 1st _____

2nd _____

STADIA SURVEY NOTES

AREA Kuk River STATE or PROVINCE North Slope, ALASKA PAGE No. 2
 LINE No.(s) 6 PARTY No. 1182 DATE 12 Day 2 Mo. 77 Yr. BOOK No. _____
 SURVEYOR K.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		ABS. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												77.6				
2	S	3465		89°58'20"		C				+3.4	81.°		Δ	D		
3	"	"		270°02'08"										R		
4	"	2145	-			T	12.6	10.7	-1.9	-1.8		79.2			11	
5	"	825	-			C			-2.3	-2.3		78.7			10	
6	T	0							5.8			75.2			PIN	
7	N	495	-			C			-6.4	-6.4		74.6			9	
8	"	1815	-			C			-8.9	-8.8		72.2			8	
9	"	3135	-			C			13.3	-13.1		67.9			7	
10	"	4455		90°10'00"		C			10.°	-22.4		58.6	○		6	D
11	N	"		269°50'16"					"							R
12	S	3960		89°22'43"		C			5.2	-38.3	20.4		Δ		D	
13	"	"		270°37'16"		"			"							R
14	"	2640		89°35'53"		"			"	+13.7		34.°			S	
15	"	1485		89°42'58"		"			"	+2.4		22.8			PIN	
16	"	1320		89°36'55"		"			"	+3.9		24.3			4	
17		0							5.4			15.0			3	
18	N	1320		90°20'25"		C			5.°	-12.8		7.6			2	
19	"	2640		90°04'22"		"			"	-8.2		12.2			1	
20																

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STADIA SURVEY NOTES

AREA Kuk River STATE or PROVINCE North Slope, ALASKA PAGE No. 53
 LINE No.(s) 6 PARTY No. 1182 DATE 12 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		▲B.S. OF.S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2	S	3960		89°22'43"		C			5.2	+38.3		58.6	⊙		D	
3	"	"		270°37'16"		"			"						R	
4																
5		0							5.7	+5.7	64.3		Δ			
6																
7	N W	1660							12.4	-12.1		52.2	⊙		D	
8	"	"							12.0						R	
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

Tie TRISTA.
 Kelihe
 ELEV. 52.0
 52.2
 TIE + 0.2

STADIA SURVEY NOTES

AREA Kuk River STATE or PROVINCE North Slope, Alaska PAGE No. 4
 LINE No.(s) 6 PARTY No. 1182 DATE 12 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		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle of Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2				Take off		U.S. G.S. Tr. Sta.							52.0			
3																
4	NW	1660	-				C				12.4	+12.1	64.1	Δ	D	
5	"	"	-				"				12.0				R	
6		0									5.7	-5.7	58.4	○		
7	N	4455		90°10' 00"			C				10.0	+22.4	80.8	Δ	D	
8	"	"		269°50' 16"			"				"				R	
9	S	3465		89°58' 20"			C				5.6	-3.4	77.4	○	D	
10	"	"		270°02' 08"			"				"				R	
11	N	3465	-				C				5.6	+5.1	82.5	Δ	D	
12	"	"	-				C				5.1				R	
13	S	3135		90°01' 52"			C				5.6	-6.9	75.6	○	D	
14	"	"		269°58' 31"			"				"				R	
15	N	3300		89°55' 08"			C				6.0	-18.1	57.5	Δ		
16	"	"		270°24' 57"			"				"					
17		0									5.7	-5.7	51.8	-		Line int. RD-5 & RD-6
18	W	1320	-				C				14.3	-14.1	43.4	○		Sp 88 Line #5
19	"	"					"				14.0					
20																

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STADIA SURVEY NOTES

AREA Kuk River STATE or PROVINCE North Slope, ALASKA PAGE No. 5
 LINE No.(s) 6 PARTY No. 1182 DATE 13 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		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD		
1															
2															
3															
4	<u>A</u>	<u>0</u>													
5	<u>S</u>	<u>660</u>	-												
6	<u>"</u>	<u>1980</u>		<u>90°35' 10"</u>	<u>10"</u>	<u>C</u>									
7	<u>"</u>	<u>3300</u>		<u>90°28' 12"</u>	<u>12"</u>	<u>C</u>									
8	<u>"</u>	<u>"</u>		<u>269°31' 35"</u>	<u>35"</u>	<u>"</u>									
9	<u>N</u>	<u>3960</u>	-			<u>C</u>									
10	<u>"</u>	<u>"</u>	-			<u>"</u>									
11	<u>"</u>	<u>2640</u>	-			<u>C</u>									
12	<u>"</u>	<u>1320</u>	-			<u>C</u>									
13	<u>"</u>	<u>0</u>				<u>"</u>									
14	<u>S</u>	<u>1320</u>	-			<u>C</u>									
15	<u>"</u>	<u>2640</u>	-			<u>T</u>	<u>12.3</u>	<u>13.2</u>	<u>-0.9</u>						
16	<u>"</u>	<u>3960</u>		<u>89°51' 35"</u>	<u>35"</u>	<u>C</u>									
17	<u>"</u>	<u>"</u>		<u>270°09' 00"</u>	<u>00"</u>	<u>"</u>									
18	<u>N</u>	<u>3960</u>		<u>90°23' 55"</u>	<u>55"</u>	<u>C</u>									
19	<u>"</u>	<u>"</u>		<u>269°36' 28"</u>	<u>28"</u>	<u>"</u>									
20	<u>"</u>	<u>2640</u>		<u>90°37' 10"</u>	<u>10"</u>	<u>C</u>									

Refer to Line "KD-6" page - 4 for elev. of line int. KD-5 & KD-6
 51.8

70.8
~~31.8~~ **33**

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STADIA SURVEY NOTES

AREA Kuk River STATE or PROVINCE North Slope, Alaska PAGE No. 6
 LINE No.(s) 6 PARTY No. 1182 DATE 13 Day 2 Mo. 77 Yr. BOOK No. _____
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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.			
1										70.3					
2	N	1320		90° 45' 05"		C	HR33	13.3	-33.9		36.5		30		
3	"	1155		" " "		C		12.0	-27.1		43.2		Pin		
4	K	0						5.6	-5.6		64.7		31		
5	S	1320		91° 04' 02"		C		13.0	-37.5		32.8		32		
6	"	2640		90° 31' 14"		C		12.0	-35.8		34.5		33		
7	"	3795		90° 10' 04"		"		14.5	-25.3		45.0		Pin 4 on tail		
8	"	5115		90° 16' 20"		"		"	-38.3		32.1		" 8	"	
9	"	7755		90° 08' 15"		"		"	-31.8		38.5		" 14	"	
10	"	9075		90° 05' 05"		"		"	-26.2		44.1		" 20	"	
11	"	10395		89° 59' 46"		"		"	-11.5		58.8		" 24	"	
12	N	3960		90° 26' 31"		C		10.0	-40.0		30.3	0		D	
13	"	"		269° 33' 54"		"		"						R	
14	S	3960		89° 49' 44"		C		14.0	+1.5	31.8		Δ			
15	"	"		270° 10' 51"		"		"							
16	N	3960		89° 58' 21"		C		10.0	-7.5		24.4	0			
17	"	"		270° 02' 10"		C		"							
18	S	3300		90° 28' 12"		C		6.0	+32.9	57.3		Δ			
19	"	"		269° 31' 35"		"		"							
20		0						5.7	-5.7		51.6	0			

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WORKED BY K. R. A.

CHECKED BY 1st _____

2nd _____

- 0.2

Tie to LINE INT. 55.6
 Refer to page 5 of LINE 6
 ELEV. 51.8