

STADIA SURVEY NOTES

AREA Kuk River STATE or PROVINCE North Slope, ALASKA PAGE No. 1  
 LINE No.(s) KD-1-77-G-1182 PARTY No. 1182 DATE 27 Day 1 Mo. 77 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR HERMAN FUENTES & K.R. ALLEN RODMAN DON HELANDER 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				TAKE OFF line int.						82 & LINE 131		ELEV.	123.0			
2																
3	K	0							5°	+5°	128.0			Δ		
4	S W	9514		90°07'					"	-24.4		103.6			Gp 5	Tail Spread
5	"	8194		90°06'					"	-19.3		108.7			Gp 9	" "
6	"	6874		90°12'					"	-29.0		99.0			Gp 13	" "
7	"	3244		90°08'31"					10°	-18.0		110.0			Gp 24	" "
8	"	3079		90°12' 09"					"	-20.9		107.1			Sp 48	
9	"	1759		90°05' 09"					"	-12.6		115.4			47	
10	S W	439		—					"	-10.0		118.0			46	
11	K	0							5°	-5.0		123.0		0		LINE Intersection
12																Sp 45 + 880 L-1 & Sp 16+120
13																Line 131
14																
15																
16																
17																
18																
19																
20																

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WORKED BY Kenneth R. Jones

CHECKED BY 1st \_\_\_\_\_

2nd Allen

**STADIA SURVEY NOTES**

AREA Kuk River STATE or PROVINCE North Slope, ALASKA PAGE No. 2  
 LINE No.(s) 1 PARTY No. 1182 DATE 27 Day 1 Mo. 77 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR HERNAN FUENTES & K.R. ALLEN RODMAN Don Halander WEATHER: Cloudy & overcast P.T.S. No. \_\_\_\_\_

LINE	Searing 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	Correc-tion	Center Hair			INST.	ROD		
1			Take off line int.			Line	131-1186	5	Line 1	-1182		123.0			
2															
3	S W	6156.3		89°54' 37"					S.0	-3.8	119.2		Δ	D	
4	"	"		270°04' 27"					"				-	R	
5	"	5275.3		89°57' 03"					"	-0.5		118.7		Sp 45	
6	"	3956.5		90°04' 46"					"	-10.5		108.7		94	
7	"	2637.6		90°01' 01"					"	-5.8		113.4		43	
8	"	1318.9		89°58' 12"					"	-4.3		114.9		42	
9	K	0							-5.0	-5.0		114.2		41	
10	N E	1320		90°22' 37"					"	-13.7		105.5		40	
11	"	2640		90°11' 44"					"	-14.0		105.2		39	
12	"	3960		90°06' 12"					"	-12.1		107.1		38	
13	"	5280		90°00' 37"					"	-5.9		113.3		37	
14	"	6600		89°57' 45"					"	-0.7		118.5		36	
15	"	7912.7		89°57' 33"					"	-0.3		118.9	○	35	D 119.0
16	"			270°02' 10"					"					R	
17	S W	3459		90°16' 53"					S.0	+21.7	140.9		Δ	D	
18	"			269°43' 46"					"				-	R	
19	"	2139		90°15' 21"					"	-14.6		126.3		34	
20	"														

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STADIA SURVEY NOTES

AREA Kuk River STATE or PROVINCE North Slope, ALASKA PAGE No. 3  
 LINE No.(s) 1 PARTY No. 1182 DATE 27 Day 1 Mo. 77 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR HERNAN FORTES & K.R. ALLEN RODMAN \_\_\_\_\_ 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	Correc-tion	Center Hair			INST.	ROD		
1											140.9				
2	S W	819		90°13'56"				5.0		-8.3		132.6		33	
3	N.E	495		90°41'14"				"		-10.9		130.0		32	
4	"	1815.05		90°12'29"				"		-11.7		129.2	0	31	D -
5				269°47'17"											R
6	S W	3954		89°44'				5.0		-13.3	115.9		Δ		D
7	"			270°15'49"				"							R
8	"	2640		90°18'09"				"		-18.9		97.0		30	
9	"	1320		90°13'04"				"		-10.0		105.9		29	
10	T	0						"		-5.0		110.9		28	
11	N.E	1320		90°02'25"				"		-5.9		110.0		27	
12	"	2640		90°11'55"				"		-14.2		101.7		26	
13	"	3960		90°12'05"				15.0		-29.1		86.8	0	25	D -
14				269°47'33"											R
15	S W	2640		89°26'34"				5.0		-20.4	66.4		Δ		D
16				270°32'50"				"							R
17	"	1320		89°25'50"				"		+8.1		74.5		24	
18	T	0						"		-5.0		61.4		23	LINE INT. KD-2-
19															SP 23+520 & Sp 23
20															KD-1 common points Elev. 61.9 Tie-o.s

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STADIA SURVEY NOTES

AREA Kuk River STATE or PROVINCE North Slope, Alaska PAGE No. 4  
 LINE No.(s) KD-1 PARTY No. 1182 DATE 27 Day 1 Mo. 77 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR HERNAN FUENTES F RODMAN Don Helander WEATHER: \_\_\_\_\_ P.T.S. No. \_\_\_\_\_  
K. R. Allen

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												66.4			
2	N E	1320		90°19' 54"					5.0		-12.6	53.8		22	
3	"	2640		90°25' 40"					"		-24.7	41.7		21	
4	"	3960		90°22' 33"					"		-31.0	35.4		20	
5	"	5280		90°13' 26"					"		-25.6	40.8		19	
6	"	6600		90°10' 41"					"		-18.2	48.2		18	40.1
7	"	7920		90°06' 51"					"		-20.8	45.6		17	
8	"	9240		90°02' 50"					"		-12.6	53.8		16	
9	N E	10560		90°01' 39"					"		-10.4	56.0	0	15	D 53.8
10				269°58' 08"					"						R
11	S W	7920		90°14' 06"					5.0		+37.8	93.8	Δ	2	
12	"			269°45' 35"					"						R
13	"	6600		90°11' 44"					10.0		-32.5	61.3		14	
14	"	5280		90°11' 52"					5.0		-23.2	70.6		13	
15	"	3960		90°12' 30"					"		-19.4	74.4		12	
16	"	2640		90°21' 37"					"		-21.6	72.2		11	
17	"	1320		90°25'					"		-14.6	79.2		10	
18	X	0							"		-5.0	88.8		9	
19	N E	1320		90°24' 04"					"		-14.4	79.4	0	8	78.5
20				269°35' 18"											

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**STADIA SURVEY NOTES**

AREA KUK RIVER STATE or PROVINCE North Slope, ALASKA PAGE No. 45  
 LINE No.(s) HD 1-77-6-182 PARTY No. 1182 DATE 27 Day 1 Mo. 77 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR Herman Fuentes RODMAN Dan Hollander WEATHER: yes P.T.S. No. \_\_\_\_\_  
Henny Allen

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													79.4		
2															
3	SW	5280		89° 31' 22					5°		-38.6	40.8		Δ	SP-B
4	"			87° 28' 11					"						R
5	"	3960		89° 49' 54					"		+6.6		47.4		7
6	"	2640		90° 23' 06			HR 6.5		15°		-39.2		1.6		6
7	"	1320		90° 21' 44					5°		-13.3		27.5		5
8	π	0							"		-5.0		35.8		4
9	NE	1320		89° 31' 02					"		+6.1		46.9		3
10	"	2640		89° 18' 04					"		+27.2		68.0		2
11	"	3960		89° 18' 06					"		+43.3		84.1	○	1
12	"	5115		89° 17' 51					15°		+47.7		88.5	○	AN 4 on tail 37.6
13	SW	3300		89° 45' 15					5°		-9.2	79.3		Δ	
14	"	1980		89° 44' 24					"		+4.2		83.5		8
15	"	660		89° 44' 49					"		-2.1		77.2		12
16	π	0							"		-5.0		74.3		14
17	NE	660		90° 34' 12					"		-11.6		67.7		16
18	"	1980		90° 38' 57					"		-27.4		51.9		20
19	"	3300		90° 35' 33					"		-39.1		40.2		24
20															

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**STADIA SURVEY NOTES**

AREA Kuk River STATE or PROVINCE North Slope, ALASKA PAGE No. 6  
 LINE No.(s) KD-1 PARTY No. 1182 DATE 27 Day 1 Mo. 77 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR HERMAN FUENTES RODMAN DON HELANDER 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												79.3				
2	S W	3300		89°45' 15"				5.0		+9.2		88.5	⊙			87.6
3	N E	5115		89°17' 51"				15.0		-47.7	40.8		Δ			
4	S W	5280		89°31' 22"				5.0		+38.6		79.4	⊙	D		78.5
5				270°28' 11"										R		
6	N E	1320		90°24' 04"				5.0		+14.4	93.8		Δ	D		
7				269°35' 18"										R		
8	S W	7920		90°N' 06"				5.0		-37.8		56.0	⊙	D		53.8
9				269°45' 35"										R		
10	N E	10,560		90°01' 39"				5.0		+10.4	66.4		Δ			
11				269°58' 08"												61.5
12	T	0						5.0		-5.0		61.4	⊙		Sp 23+520 - Line KD-2	
13															Refer to page of	
14															KD-2 for elev. 61.9	
15															61.4	
16															Tie - 0.5	
17																
18																
19																
20																

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CHECKED BY 1st \_\_\_\_\_

2nd \_\_\_\_\_