

STADIA SURVEY NOTES

AREA Utalik N.P.P.9 STATE or PROVINCE ALASKA PAGE No. 1
 LINE No.(s) 6B PARTY No. 186 DATE 2 Day 5 Mo. 1996 Yr. BOOK No. _____
 SURVEYOR P. Desjarlais RODMAN M. Henderson WEATHER: Warm Wind 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.			
1															
2															
3															
4	N	1320		90°30'				12°	+23.5	+23.5	344.8				
5		✓		269°11'40"				5°	+23.4						
6		0						5°		-5.0		349.8	376		20 ft on 127
7															Common SP 278 L-127
8	E	825		89°20'				47°	+2.5	+2.5		347.3	3	J.F.	
9		✓		270°51'44"				10°	+2.4						
10															
11	N	495		88°40'				42°	-7.3	-7.4	339.9				
12		✓		270°00'46"				10°	-7.4						
13		0						5°		-5.0		334.9		375	
14	E	1320		93°22'				10°	-7.9	-7.9	260.8			374	
15		2640		92°40'				12°		-135.3		204.6		373	
16		3135		91°35'				12°	-99.2	-99.4		240.5		2	J.F.
17		✓		718°27'13"				15°	-99.6						
18															
19		2640		91°41'57"				15°	+93.2	+93.2	333.7				
20		✓		268°11'34"				10°	+93.3						

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89
57
186 75 68

STADIA SURVEY NOTES

AREA Vtoxak NRD4 STATE or PROVINCE ALASKA PAGE No. 4
 LINE No.(s) 68 PARTY No. 1126 DATE 2 Day 5 Mo. 1976 Yr. BOOK No. _____
 SURVEYOR P. DESTARLAIS RODMAN M. Henderson WEATHER: Clear Cool Windy 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												312.1				
2		1210		88°30'				9.2	+38.2	+38.0		350.1	0		351.5	
3		✓		271°40'				14.8	+37.8				✓			
4																
5		W 82.5						5.8	+5.8	+5.8	355.9		Δ			
6		✓		270°20'				10.6	+5.8				✓			
7		0						5.0		-5.0	350.9			355		
8		E 1320		90°30'				13.3		-24.8	331.1			354		
9		2640		91°00'				12.6	-58.7	-58.8	297.1		⊙	353		
10		✓		269°02'44"				15.0	-59.0				✓			
11																
12		2640		89°20'				4.1	-26.6	-26.5	290.6		Δ			
13		✓		270°50'				12.0	-26.4				✓			
14		W 1320		90°30'				13.4		-24.9	245.7			352		
15		0						5.0		-5.0	265.6			351		
16		E 1220		87°30'				3.3		+54.3	324.9			350		
17		2640		87°32'36"				13.0	+100.2	+100.1	370.7		⊙	349		
18		✓		272°29'59"				15.0	+100.1				✓			
19																
20																

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STADIA SURVEY NOTES

AREA Utogok N.P.R. 4 STATE or PROVINCE Quebec PAGE No. 2
 LINE No.(s) 68 PARTY No. 1186 DATE 2 Day 5 Mo. 1936 Yr. BOOK No.
 SURVEYOR R. D. S. JARVIS RODMAN M. Henderson WEATHER: Clear Windy Cool 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												414.7				
2	N	495		90° 40'				145		-20.3		394.4		364		
3		0						50		-50		409.7		3 J.F.		
4	E	826		89° 10'				1.7		+10.3		425.0		363		
5		1320		89° 10'				97	+9.5	+9.4		424.1	0	3 J.F.		
6		v		271° 02' 29'				650	+9.4				v			
7																
8		2145		89° 00'				183	-24.1	-24.1	400.0		0			
9		v		271° 02' 29"				150	-24.1				v			
10	W	1320		271° 00'				59		+17.1		417.1		362		
11		0						50		-50		395.0		361		
12	E	1320		90° 50'				139		-33.1		366.9		360		
13		2640		91° 10'				146	-68.4	-68.4		331.4	0	359		
14		v		268° 40'				74	-68.8				v			
15																
16		2640		89° 30'				37	-19.3	-19.3	312.1		0			
17		v		270° 46'				115	-19.2				v			
18	W	1320		90° 30'				139		-25.4		286.7		358		
19		0						50		-50		307.1		357		
20	E	1320		88° 30'				39		+30.7		342.8		356		

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STADIA SURVEY NOTES

AREA UTUKOK N.P.R. 4 STATE or PROVINCE ALASKA PAGE No. 2
 LINE No.(s) 68 PARTY No. 1106 DATE 2 Day 5 Mo. 1976 Yr. BOOK No. _____
 SURVEYOR R. DASTARLO'S RODMAN M. Henderson WEATHER: Windy Cool Clear 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												333.7				
2		1810		91°30'					13'	-60.5		273.2		372		
3	W	495		90°40'					13.8	-19.4		314.1		371		
4		0							5.0	-5.0		328.7		3 J.F.		
5	E	825		89°10'					1.3	+10.7		344.4		370		
6		1650		89°10'					7.8	+16.2	+16.1	349.8	Q	2 J.F.		
7		0		271°00'					12.7	+16.1			V			
8																
9		1320		89°20'					6.3	-9.1	-9.0	340.8	Q			
10		0		271°00'					14.1	-8.9			V			
11	W	825		89°20'					1.7	+7.9		348.7		369		
12		0							5.0	-5.0		335.8		2 J.F.		
13	E	495		90°30'					14.2	-18.5		322.3		368		
14		1815		90°50'					12.4	-39.8		301.0		367		
15		3120							3.2	-3.2	-3.4	337.4	Q	366		
16		0		270°10'					12.8	-3.7			V			
17																
18		3125		91°10'					13.6	+77.4	+77.3	414.7	Q			
19		0		268°40'					4.3	+77.3			V			
20		1815		91°20'					10.6		-52.8	361.9		365		

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STADIA SURVEY NOTES

AREA Utonok N.P.R.A STATE or PROVINCE ALASKA PAGE No. 5
 LINE No.(s) 6B PARTY No. 1126 DATE 2 Day 5 Mo. 1976 Yr. BOOK No. _____
 SURVEYOR C. DESTARNAIS RODMAN M. Henderson WEATHER: Clear Cool 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													370.7			
2		21.40		90°50'				11.0	+49.4	+49.4		420.3		Δ		
3		V		269°00'				3.7	+49.8					✓		
4	W	13.20		90°40'				13.1		-28.5		391.8			348	
5		0						5.0		-5.0		415.3			347	
6	E	13.20		89°20'				1.9	+13.5	+13.4		433.7		○	346	
7		V		270°50'				5.8	+13.4					✓		
8																
9	N	49.5						3.6	+3.5	+3.5		437.2		Δ		
10		V		270°40'				9.3	+3.5					✓		
11		0						5.0		-5.0		432.2			3 JF	
12	E	82.5		90°50'				13.1	-25.1	-25.1		412.1		○	345	Iron Pipe
13		V		269°00'				10.7	-25.1					✓		
14																
15																
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA UTUKOK N.P.R.T STATE or PROVINCE ALASKA PAGE No. 6
 LINE No.(s) 68 PARTY No. 1186 DATE 2 Day 5 Mo. 1976 Yr. BOOK No. _____
 SURVEYOR R. DESTARABIS RODMAN M. Henderson WEATHER: Cool Windy 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			TAKEOFF FROM SP. 277 LINE 127													
2			SEE PAGE 10 LINE 13 Elev													
3																
4	97° E	1940		89° 10'					1°	-22.2	-22.3	299.0		△		
5		✓		27° 00'					11.9	-22.5				✓		
6		0							5°		-5.0	294.0			377	
7	W	1320		91° 30'					12.8		-47.4	251.4			378	
8		2640		91° 10'					11.0		-67.8	224.2			379	
9		3135		90° 25'					12.0	-35.8	-35.9	263.1		⊙	2 J.F.	
10		✓		269° 25'					4°	-35.9				✓		
11																
12		2140		92° 01' 59"					15°	+90.9	+91.1	354.2		△		
13		✓		267° 49' 33"					10°	+91.2						
14	E	1320		91° 40'					14.1		-52.5	301.7			380	
15		0							5°		-5.0	349.2			381	
16	W	1320		89° 00'					16.3		+16.7	370.9			382	
17		2640		89° 05'					7.5	+34.7	+34.8	385.0		⊙	383	
18		✓		274° 00'					11.3	+34.8				✓		
19																
20																

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STADIA SURVEY NOTES

AREA UTUKOK N.P.R. 4 STATE or PROVINCE ALASKA PAGE No. 7
 LINE No.(s) 68 PARTY No. 1186 DATE 2 Day 5 Mo. 1976 Yr. BOOK No.
 SURVEYOR C. DESTARABIS RODMAN M. Henderson WEATHER: Cool Windy Overcast 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	Correction	Center Hair			INST.	ROD			
1												389.0				
2		2640		90° 50'				12.2	+50.4	+50.4	432.4		Δ			
3		✓		269° 00'				4.5	+50.4				✓			
4		W 1320		90° 50'				14.6		-33.8		405.8		384		
5		0						5.0		-5.0		434.4		385		
6		W 1320		89° 10'				12.3	+5.9	+5.9		445.5	○	386		
7		✓		290° 54' 25"				15.0	+6.0				✓			
8																
9		E 1320		89° 30'				2.3	-9.2	-9.2	436.3		Δ			
10		✓		270° 44'				6.2	-9.2				✓			
11		0						5.0		-5.0		431.3		387		
12		W 1320		90° 39' 27"				15.0	-30.1	-30.1		406.2	○	388		
13		✓		268° 54' 39"				5.0	-30.1				✓			
14																
15		E 1320		89° 30'				6.0	-5.5	-5.4	400.8		Δ			
16		✓		270° 40'				10.0	-5.4				✓			
17		0						5.0		-5.0		395.8		389		
18		W 1320		90° 40'				14.5		-29.9		370.9		390		
19		2640		98° 40'				12.1	-42.8	-42.9		357.9	○	391		
20		✓		218° 10'				4.5	-72.9				✓			

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STADIA SURVEY NOTES

AREA UTUKOK N.P.R. 4 STATE or PROVINCE ALASKA PAGE No. 8
 LINE No.(s) 6B PARTY No. 1186 DATE 3 Day 5 Mo. 1926 Yr. BOOK No. _____
 SURVEYOR R. DESTARLIS RODMAN M. Henderson WEATHER: Fog Wind Cool 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		2640		89° 10'					34	-35°	-348	323'	359.9				
3		✓		221° 00'					44	-347							
4	E	1320		89° 20'					47		+10.7		333.8			392	
5		0							50		-5.0		318.1			393	
6	W	1320							15		-1.5		321.6			394	
7		2640		89° 40'					19	+14°	+14°		337.1			395	
8		✓		270° 30'					9°	+14°							
9																	
10		240		912° 08'					150	+64.9	+65°	402.1					
11		✓		268° 31' 22"					10°	+65.2							
12	E	825		90° 50'					148		-26.8		375.3			396	
13		0							5°		-5.0		397.1			397	
14	W	495					T	0.3	+2.5		+2.2		404.3			398	
15		1815		89° 20'					77	+13.4	+13.3		415.4			398	
16		3120 ✓		270° 50'					13.2	+13.2							
17																	
18	E	1320					B	14'	+6.4		+20.7	+20.7	436.1				
19		✓		289° 30'					9.3	+20.8							
20		0							5°		-5.0		431.1			399	

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STADIA SURVEY NOTES

AREA UTUOK IV.P.R. 4 STATE or PROVINCE ALBERTA PAGE No. 9
 LINE No.(s) 68 PARTY No. 1186 DATE 3 Day 5 Mo. 1976 Yr. BOOK No. _____
 SURVEYOR P. DESTARLAIS RODMAN M. Henderson WEATHER: Fog Cool Windy 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												436.1				
2	W	1320		89° 30'				25	+9.0	+9.0		445.1	⊙	400		
3		✓		270° 40'				6.3	+9.1				✓			
4																
5	E	1320						25	+2.5	+2.5		447.6	⊙			
6		✓		270° 10'				6.4	+2.6				✓			
7		0								-5.0		442.4		401		
8	W	1320				T	7.2	+6.4		-0.6	-0.7	446.9	⊙	402		
9		✓		270° 10'				4.4	-0.8				✓			
10																
11	E	1320						7.8	+7.8	+7.9		454.8	⊙			
12		✓		270° 10'				11.8	+8.0				✓			
13		0						5.0		-5.0		449.8		403		
14	W	1320				T	2.7	+6.4		+3.9	+3.9	458.7	⊙	464		
15		✓		270° 20'				3.7	+4.0				✓			
16																
17	E	495						8.5	+8.5	+8.6		467.3	⊙			
18		✓		269° 30'				4.3	+8.6				✓			
19		0								-5.0		462.3				
20		640						7.0	-7.0	-7.0		460.3	⊙	⊙		USE DEAM E. 4610
		✓		270° 10'				8.9	-7.0			461.0	✓			

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STADIA SURVEY NOTES

AREA Utukok N.P.R. STATE or PROVINCE ALASKA PAGE No. 10
 LINE No.(s) 68 PARTY No. 1186 DATE 3 Day 5 Mo. 1974 Yr. BOOK No.
 SURVEYOR R. DASTARHAIS RODMAN M. Henderson WEATHER: Loa! Wind Fog P.T.S. No. 10

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																
2			TAKEOFF FROM U.S.E STATION													
3																
4	755	1510		89°40'					06	-8.2	-8.1	452.9			Δ	
5		V		270°40'					94	-8.0					✓	
6	E	1320				T	1.0	+6.4			+5.4	458.5			405	
7		0							50		-5.0	447.9			406	
8	W	1320				B	11.0	-6.4			-17.4	435.3			407	
9		2640		90°25'					112	-20.4	-30.5	422.4		⊙	408	
10		V		269°25'					38	-30.7				✓		
11																
12		2640							86	+8.4	+8.7	431.1		Δ		
13		✓		269°50'					1.1	+8.8				✓		
14	E	1320							77		-7.7	423.4			409	
15		0							50		-5.0	426.1			410	
16	W	1320							67		-6.7	424.4			411	
17		2640							147	-14.7	-15.0	416.1		⊙	412	
18		✓		269°50'					77	-15.4				✓		
19																
20																

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STADIA SURVEY NOTES

AREA UTUKOK N.R.P. 4 STATE or PROVINCE ALASKA PAGE No. 11
 LINE No.(s) 68 PARTY No. 1124 DATE 3 Day 5 Mo. 1924 Yr. BOOK No. _____
 SURVEYOR P. J. ESTERLAYS RODMAN M. Henderson WEATHER: Cool Windy Overcast 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												416.1				
2		2640				T	8.2	-132		-5.0	-4.8	411.3		Δ		
3		✓		87° 16'					3.2	-4.5				✓		
4	E	1320				T	7.0	+64			-0.4		410.9		413	
5		0							5.0		-5.0		406.3		414	
6	W	1320							8.3		-8.3		403.0		415	
7		2640							9.5	-9.5	-9.5		401.8	⊙	416	
8		✓		269° 50'					1.8	-9.5				✓		
9																
10		2640							2.8	+2.8	+3.0		404.8			
11		✓		270° 10'					10.8	+3.1				✓		
12	E	1320							6.0		-6.0		398.8		417	
13		0							5.0		-5.0		399.8		418	
14	W	1320				T	1.8	+64			+4.8		409.6		419	
15		2640		89° 25'					2.7	+24.2	+24.0		428.8	⊙	420	
16		✓		270° 45'					10.7	+23.9				✓	✓	
17																
18		2640		89° 30'					12.0	-11.0	-10.8		418.0			
19		✓		270° 33' 29"					15.0	-10.4				✓		
20																

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STADIA SURVEY NOTES

AREA Uruk N.P.B. 4 STATE or PROVINCE ARIZONA PAGE No. 12
 LINE No.(s) LB PARTY No. 1186 DATE 3 Day 5 Mo. 1974 Yr. BOOK No. _____
 SURVEYOR P. DeJardin RODMAN M. Henderson WEATHER: Cool Windy Overcast 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												418.0				CARD 431.0
2		1680		89°30'							+12.0		430.0		421	B.M. 430.0
3	E	1320		89°30'							+7.8		425.8		422	Tie I.O. Low
4		0									-5.0		413.0		423	
5	W	1320		90°36'							-25.5		392.4		424	
6		2640		90°40'							-42.7		374.2	⊙		
7		0		269°10'							-43.9			✓		
8																
9		2640				T	8'	-13.2			-5.1		369.2			
10		0		270°26'							-4.9			✓		
11	E	1320									-8.9		360.3		425	
12		0									-5.0		364.2		426	
13	W	1320									-10.5		358.7		427	
14		2640				B	7.9	-13.2			-21.1		348.0	⊙	428	
15		0		269°50'							-21.3			✓		
16																
17		2640		89°20'							-22.4		325.7			
18		0		270°48.24							-22.2			✓		
19	E	1320		89°20'							+11.4		337.3		429	
20		0									-5.0		320.7		430	

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STADIA SURVEY NOTES

AREA Utukok N.P.R. 4 STATE or PROVINCE ARASKA PAGE No. 13
 LINE No.(s) 68 PARTY No. 1184 DATE 3 Day 5 Mo. 1976 Yr. BOOK No. _____
 SURVEYOR R. DASTARLAIS RODMAN M. Henderson WEATHER: Cool Windy Overcast 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												325.7				
2	W	1320							6.2		-6.2	319.5		431		
3		2640							5.8	-5.8	-5.8	319.9	0	432		
4		✓		270° 10'					13.5	-5.8				✓		
5																
6		1530		89° 30'					4.6	-8.8	-8.7	311.2		Δ		
7		✓		270° 40'					9.2	-8.9				✓		
8		214							4.7		-4.7	306.5		433		
9		0		88° 30'					8.0		-5.0	306.2		4	135' 68	
10																
11	S	340		88° 20'					2.5		+7.4	318.4		104	135 220.3	
12	N	985		269					11.4	-11.4	-11.4	299.8		103	301.2	
13		✓		269° 50'					8.6	-11.5				✓		
14	W	1110					T	4.7	+5.6		+0.9	312.1		434		
15		2430					T	2.2	+12.2		+10.0	+10.0	321.2	0	435	
16		✓		270° 30'					11.2	+10.0				✓		
17																
18		2640							9.6	+9.6	+9.6	330.8		Δ		
19		✓		270° 07' 00"					15.0	+9.6				✓		
20	E	1320							2.7		-2.7	328.1		436		

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STADIA SURVEY NOTES

AREA UTUKOK 11.P.29 STATE or PROVINCE ALASKA PAGE No. 14
 LINE No.(s) 68 PARTY No. 1186 DATE 3 Day 5 Mo. 1926 Yr. BOOK No. _____
 SURVEYOR R. DESTARLAIS RODMAN M. Henderson WEATHER: Cool Windy Overcast 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												320.8				
2		0							5°	-5°		325.8			437	
3	W	1320	/						12.2	-12.2		318.4			438	
4		2640		89°55'					7.3	-3.5	-3.5	327.3	⊙		439	
5		✓		270°10'					11.3	-3.4			✓			
6																
7		2640				B	22	+13.2		+15.4	+15.5	342.8	Δ			
8		✓		269°50'					7.9	+15.4			✓			
9	E	1320	/						14.5		-14.5	328.3			440	
10		0							5°		-5°	337.8			441	
11	W	825	/						9.2	-9.2	-9.3	333.5	⊙		3 JF.	
12		✓		270°20'					19.1	-9.3			✓			
13																
14		31.35				T	12.9	-15.7		-2.8	-2.7	330.8	Δ			
15		✓		270°10'					6.4	-2.5			✓			
16		2640				B	22	-13.2			-15.4	315.4			442	
17	E	1320	/			B	9°	-6.4			-15.4	315.2			443	
18		0							5°		-5°	325.8			444	
19	W	1320	/						3.4		-3.4	327.4			445	
20																

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STADIA SURVEY NOTES

AREA Hevok N.P.R. 4 STATE or PROVINCE ARIZONA PAGE No. 15
 LINE No.(s) 68 PARTY No. 1186 DATE 4 Day 5 Mo. 1926 Yr. BOOK No. _____
 SURVEYOR P. DESTARLIS RODMAN M. Henderson WEATHER: Cool Fog Overcast 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												330.8				
2		2640							46	-4.6	-4.4		326.2	⊙	446	
3		✓		270° 10'					12.2	-4.5				✓		
4																
5		2640							57	+5.7	+5.9	332.1		△		
6		✓		270° 10'					13.7	+6.0				✓		
7	E	1320							6.0		-6.0		326.1		447	
8		0							5.0		-5.0		327.1		448	
9	W	1320							6.4		-6.4		326.7		449	
10		2646									+2.7		334.8		450	
11		2800		89° 40'					7	10.5	+13.2					
12				270° 25'					2.0	+9.3	+9.2		341.3	⊙	451	JF
13									14.2	+9.2				✓		
14		2470							12.1	+12.1	+12.3	353.6		△		
15		✓		289° 56'					5.3	+12.5				✓		
16	E	1320							8.3		-8.3		345.3		451	
17		0							5.0		-5.0		348.6		452	
18	W	1320							1.7		-1.7		352.9		453	
19		2640							7	10.7	+13.2		356.1	⊙	454	
20		✓		270° 10'					5.0	+2.5	+2.5			✓		

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STADIA SURVEY NOTES

AREA Vernon N.P.P. 4 STATE or PROVINCE Alberta PAGE No. 16
 LINE No.(s) 60 PARTY No. 1184 DATE 4 Day 5 Mo. 1974 Yr. BOOK No. _____
 SURVEYOR P. Dastarbas RODMAN M. Henderson WEATHER: Fog Cool 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												356.1				
2		2640							09	+0.9	+1.0	357.1				
3		V		270°1d					88	+1.1						
4	E	1320							20		-30	354.1			455	
5		0							50		-50	352.1			456	
6	W	1320							98		-98	347.8			457	
7		2640				B	44	-13.2	4	-17.4	-17.4	339.5			458	
8		V		269°50'					9.9	-17.6						
9																
10		2640		89°15'06'					100	-24.5	-24.4	314.9				
11		V		270°51'30"					150	-24.7						
12	E	1320		89°10'					57		+13.5	328.4			459	
13		0							50		-50	309.9				Bend in line but Instr.
14	S	180							94		-94	305.3			460	off line
15		260		90°30'					141	-16.4	-16.4	298.5			461	JE
16		V		269°0d					11.9	-16.4						
17																
18		2470		88°20'					55	-16.3	-16.2	232.3				
19		V		270°50'					130	-16.0						
20	E	1320							37		-37	228.6			461	

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STADIA SURVEY NOTES

AREA Woods N.P.R. # STATE or PROVINCE ALASKA PAGE No. 17
 LINE No.(s) 6B PARTY No. 1186 DATE 1 Day 5 Mo. 1976 Yr. BOOK No. _____
 SURVEYOR R. D. ESTARLIS RODMAN M. Henderson WEATHER: Warm Clear 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	Correction	Center Hair			INST.	ROD			
1												232.3				
2		0						5	5°		-5°		227.3		462	
3	W	1320							9°		-9°		223.3		463	
4		2640							59	-59	-6'		226.2	⊙	464	
5		V		27° 10'					19°	-6.3				✓		
6																
7		3135		90° 25'					12'	+34.9	+35°	261.2		Δ		
8		V		269° 25'					8'	+35°				✓		
9		1815		98° 40'					10.2		-31.3		229.9		465	
10	E	495		92° 00'					14.1		-31.4		229.8		466	
11		0							5.0		-5.0		256.2		2 J.E.	
12	W	825							13.3		-13.3		247.9		467	
13		2140		89° 10'					5.6	+25.5	+25.4		286.6	⊙	468	
14		V		271° 00'					12.1	+25.2				✓		
15																
16		2640							15	+1.5	+1.5	288.1		Δ		
17		V		270° 10'					9.2	+1.5				✓		
18	E	1320							14°		-14.0		274.1		469	
19		0							5.0		-5.0		283.1		470	
20	W	1320									+0.2		288.3		471	

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STADIA SURVEY NOTES

AREA Utukok N.P.R. 4 STATE or PROVINCE ALASKA PAGE No. 18
 LINE No.(s) 68 PARTY No. 1184 DATE 4 Day 5 Mo. 1976 Yr. BOOK No. _____
 SURVEYOR P. DESTARAKIS RODMAN M. Henderson WEATHER: Warm Clear 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												288.1				
2		2640		89°40'				06	+14.8	+14.6		302.7	⊙	472		
3		✓		270°30'				85	+14.5							
4																
5		1560		89°10'				37	-19.0	-19.0		283.7	Δ			
6		✓		271°00'				8.2	-19.0				✓			
7	E	235	/					56		-5.5		278.2		473		
8	o	o	/					50		-5.0		278.7		4	130' 68 Teon Pipe	
9	S	335	/					36		-3.4		280.1		204	L-130 281.6	
10	N	980	/					64		-6.4		277.1		202	L-130 276.3	
11	W	1075	/					28		-2.8		280.9		474		
12		2380	/					29	-2.9	-2.9		280.8	⊙	475		
13		✓		870°10'				9.9	-3.0				✓			
14																
15	E	1320	/					56	+5.6	+5.4		286.4	Δ			
16		✓		270°10'				9.4	+5.4				✓			
17		o	/					50		-5.0		281.4		476	Last S.P.	
18	W	1155	/					17		-1.7		284.7		4	T.S.	
19		2475	/					21		-2.1		284.3		8	T.S.	
20		3795	/					4.9		-4.9		281.5	⊙	12	T.S.	

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STADIA SURVEY NOTES

AREA UTUKOK STATE or PROVINCE ALASKA PAGE No. 12
 LINE No.(s) 68 PARTY No. 1184 DATE 7 Day 5 Mo. 1974 Yr. BOOK No. _____
 SURVEYOR P. DESTARIS RODMAN A. Hamilton WEATHER: Warm Clear 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													281.5			
2	R 1320		/								+6.4	298.1		D		
3	0		/								-5.0		283.1			16 T.S
4	W 1320		/								-7.5		280.6			20 T.S
5	2440			89° 50'							-2.4		285.7	0		24 T.S
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

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