

STADIA SURVEY NOTES

AREA TRPIKPUK STATE AK PAGE No. 423
 LINE No. 715 PARTY No. 1182 DATE Day 14 Mo. 4 Yr. 80 BOOK No. _____
 SURVEYOR LINDLEY RODMAN TOM WEATHER CLEAR - WARMER P.T.S. No. _____



LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
Δ	80043	840		88° 37' 25"					9°			697.45	658.56	Δ	80043 TBM	
				271 21 55"					9°							
κ														κ	TP 1	
○		1130		93° 57' 04"					15° 10°				559.52	○	TP 2	
				266° 02' 21"					10°							
Δ		1060		85° 59' 37"					10°			495.55		Δ	TP 2	
				273 59 37					10°							
														κ	TP 3	
○		1990		93°					10°				379.29	○	TS 94	
				83° 03' 30"					10°							
				266° 55' 55"												
Δ	805 805 1265			93° 28' 42"					15°			471.11		Δ	TS 94	
				266° 30' 46"					15°							

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 SURVEYOR LINDLEY RODMAN TOM WEATHER P.T.S. No.



LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hoir Read	Reading	Correction	Center Hoir			INST.	ROD			
		385		93° 09' 48"				42						73.95		
X		495		88° 47' 50"				42					X	95 + 385		
														96 T.S.		
O		1375		89° 03' 25"				11 1/2				482.20	O	T.S. 97		
				270° 56' 05"				11 1/2								
Δ		1265		88° 17' 22"				11 1/2				155.9	Δ	T.S. 97		
				271 42 33"				11 1/2								
		385		87° 15' 15"				11 1/2						98 T.S.		
X		495		92° 10' 43"				11 1/2					X	98 + 385		
		1375		92° 29' 26"				11 1/2						99 T.S.		
		2155		92° 43' 28"				22 1/2						100	FIRST SHOT POINT	
		3135		92° 33' 45"				22 1/2						101		HI-ROD
		4015		92° 31' 32"				11 1/2						102		HI-ROD
		4895		92° 04' 36"				11 1/2						103		
														104		

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 P.T.S. No. _____



LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
⊙		5775		91° 52' 45"					11 1/4				255.57	⊙	105	
				268 06 58"					11 1/4							
Δ		4400		89° 45' 30"					11 1/4			248.57		Δ	105	
				270° 13' 38"					11 1/4							
		3520		89° 48' 22"					11 1/4						106	
		2640		89° 47' 15"					11 1/4						107	
		1760		89° 44' 32"					11 1/4						108	
		880		89° 31' 53"					11 1/4						109	
Λ		0							55					Λ	110	
⊙		0							55				243.07	⊙	110	
Δ	2915	2905		94° 06' 59"					40			455.78		Δ	110	
				265° 52' 11"					40							
	2035	2025		95° 45' 01"					40						111	
				96° 40' 40"					11 1/4						112	

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 SURVEYOR LINDLEY RODMAN TOM WEATHER CLEAR - WARMER YET P.T.S. No. _____



LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction			Center Hair	INST.			
	1155	7145		96° 41' 44"				150				112			
X	275	265		96° 36' 04"				40				113			
								53				X 113 + 265 275			
○	605	615		85° 49' 05"				114			488.42	○ 114			
				274 09' 56"				114							
Δ	1155	275		91° 19' 02"				114			526.4	Δ 114			
				268° 40' 38"				114							
		275		89° 29' 19"				114				115			
		763		89° 08' 20"				50			532.86	TBM	80042	←	
				270° 51' 31"				50						↑	
○	605			90° 37' 42"				114			508.31	○ 116			
				269 21' 37"				114							
Δ	5555			88° 51' 36"				114			408.84	Δ 116			
				271° 08' 03"				114							

USE THIS SHOT AS FAIR CONTINUED TRAVEL
 538.73
 TIE HERE + ADJ.

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LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
		4675		89° 13' 49"					4.0					117		
		3795		89° 46' 48"					4.0					118		
		2915		90° 32' 35"					4.0					119		
		2035		91° 46' 27"					4.0					120		
		1135		92° 38' 45"					11.4					121		
		275		92° 24' 08"					4.0					122		
X		0							5.5				X	122 + 275		
O		625		89° 36' 38"					11.4					123		
				270 23' 00"					11.4			406.53	O	123		
Δ		3520		88° 56' 06"					11.4					123		
				271 03' 30"					11.4			347.45	Δ	123		
		2640		89° 20' 24"					4.0					124		
		1760		89° 36' 37"					4.0					125		
		880		89° 58' 58"					4.0					126		
Λ		0		90°					5.5				X	127		
		880		89° 35' 10"					4.0					128		

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LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
		1760		88° 58' 20"					40					428	129	
		2640		88° 39' 04"					11 1/2					130		
		3520		88° 45' 53"					11 1/2					131		
		4400		88° 43' 13"					22 1/2					132		HI ROD
⊙		5280		88° 49' 05"					11 1/2			445.59	⊙	133		
				271° 10' 59"					11 1/2							
△		0		90°					5 1/2		451.09		△	133		
		415425		88° 40' 39"					30			455.56		80041		
				271° 01' 31"												
		880		90° 10' 00"					11 1/2					134		
		1760		90° 07' 56"					40					135		
		2640		89° 37' 56"					11 1/2					136		
		3520		89° 20' 28"					11 1/2					137		
⊙		3795		89° 21' 30"					11 1/2			482.08	⊙	137 + 275		
				270° 37' 46"					11 1/2							

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LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
Δ		4125		88° 28' 09"					11.4			383.32		Δ	137+275	
				271° 31' 12"										*		
π		0							5.5					π	142	
		3520		88° 36' 17"					11.4						138	
		2645		88° 51' 16"					11.4						139	
		1760		88° 56' 38"					11.4						140	
		880		88° 28' 00"					11.4						141	
		880		89° 25' 57"					11.4						143	
		1760		88° 52' 56"					11.4						144	
⊙		1760		89° 52' 40"					11.4			375.77	⊙	144		
				270° 07' 28"					11.4							
Δ		1760		88° 21' 26"					11.4					Δ	144	
				271° 38' 00"					11.4							
		880		88° 07' 35"					11.4						145	
π		0							5.5					π	146	
		880		91° 22' 53"					11.4						147	
		1760		91° 15' 54"					11.4						148	

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 SURVEYOR LINDLEY RODMAN Tom WEATHER _____ PT.S. No. _____



LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hoir Read	Reading	Correction			Center Hair	INST.			
		2640		91° 05' 42"				15 1/2				149			
		3520		90° 33' 37"				11 1/2				150			
○		4400		90° 32' 35"				11 1/2		283.72	○	151			
				269° 26' 50"				11 1/2							
△		0		90°				53		289.22	△	151			
		880		91° 46' 41"				6 1/2 52				152			
		1760		89° 31' 33"				11 1/2				153			
		2640		89° 30' 57"				18 1/2				154			
		3520		89° 34' 25"				26 1/2				155			
		4400		89° 38' 20"				26 1/2				156			
		5280		89° 45' 55"				11 1/2				157			
				8											
○		6160		89° 39' 31"				4 1/2		322.57	○	158			
				270° 20' 20"				4 1/2							

35 Boost
 Hi Hi Rod
 Hi Hi Rod

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LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hoir Read	Reading	Correction	Center Hoir			INST.	ROD			
Δ		2145			92° 40' 22"				11 ±			434.11		Δ 158		
		2145			267° 18' 59"											
		1265			93° 12' 08"				114					159		
		385			92° 04' 42"				11 ±					160		
X		0							55					X 160 + 385		
		495			80° 47' 17"				11 ±					161		
○		495			88° 44' 40"				11 ±			433.52		○ 161		
					271° 14' 51"				11 ±							
Δ	545	5545			90° 59' 17"				114			546.35		Δ 161		
		5545			269° 00' 10"				11 ±							
		4565			91° 22' 25"				114					162		
		3685			91° 38' 45"				11 ±					163		
		2805			92° 26' 24"				11 ±					164		
		1925			93° 14' 31"				11 ±					165		

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LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
		1045		92° 56' 50"					11 1/2					166		
		165		91° 04' 45"					11 1/2					167		
K	0								5 1/2				K	167 + 165		
	715			88° 05' 08"					11 1/2					168		
⊙		1595		88° 37' 54"					11 1/2			566.99	⊙	169		
				271° 21' 40"					11 1/2							
A	0			90°					5 1/2		572.49		A	169		
⊙		1020		88° 53' 23"					10 0			582.22	⊙	80040 TBM		
				271° 06' 15"					10 0							

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LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
A				88° 35' 11"								584.74		169		584.76
Δ		1000		88° 35' 11"								575.14		Δ 80040 TBM		
				271° 24' 13"										170		
Λ		0												Λ 169		
		880		90° 52' 34"										170		
⊙		1760		91° 11' 30"								527.01		⊙ 171		
				268° 47' 46"												
Δ		6545		88° 44' 56"								395.13		Δ 171		
				271° 14' 32"												
Λ		0												Λ 178+ 385		4 pin flags
		5665		88° 57' 59"										172		
		4785		89° 11' 47"										173		
		3905		89° 22' 25"										174		

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LINE	Bearing or Sight	Stadio Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
		3025		89°27'15"					11.9					175		
		2145		89°39'42"					11.9					176		
		1265		89°48'41"					11.9					177		
		385		90°5'717"					11.9					178		
		495		90°29'05"					11.9					179		
		1375		90°50'58"					11.7					180		
		2255		90°16'18"					11.4					181		
		3135		90°13'52"					11.4 26.4					182		
		4115		90°13'19"					11.4					183		
		4895		89°42'56"					11.9					184		
0		5775		89°40'54"					11.4			416.21	⊙	185		
				270°18'45"												
A		2640		90°35'14"					11.4			454.8	Δ	185		
				269°24'02"												
		1760		90°44'51"					11.4					186		
		880		90°26'42"					11.4					187		
A		0							5.5				∇	188		

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LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS		
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD					
X	B0039	580		90°25'18"										TBM (
				269°34'20"										B0039				443.74
		880		89°28'20"										B0039				CHECK
														189				SHOT
o		1760		89°53'23"										B0039				
				270°05'45"										190				
Δ		2915		89°56'39"										Δ				
				278°03'00"							455.12			190				
		2035		90°56'23"										SS				
		1155		91°56'58"														
		275		93°47'35"														
		605		90°19'18"										π				193+275
		1485		90°45'29"														
		2365		90°55'37"														
		3245		90°48'46"														
		4125		90°31'43"														

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LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS	
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD				
⊙		5605		90° 32' 05"									397.29	⊙	199		
				269° 21' 35"													
Δ		3520		89° 41' 32"									389.68	Δ	199		
				270° 18' 10"													
		2690		90° 05' 33"											200		
		1760		90° 28' 59"											201		
		880		90° 55' 43"											202		
Δ		0												Δ	203		
		880		90° 29' 57"											204		
⊙		1760		90° 51' 11"									351.81	⊙	199	205	
				269° 08' 03"													
Δ	4675	5605		92° 36' 56"									576.7	Δ	199	205	
				267° 22' 17"									411.31				
		4675		92° 41' 59"											205	205	
		3795		94° 10' 00"											205	205	206
		2915		94° 01' 57"											207	205	207

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LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hoir Read	Reading	Correction	Center Hoir			INST.	ROD			
		2035		94° 40' 38"		49		11.4						208		
		1155		95° 26' 00"				11.4						209 209		
		275		95° 06' 07"				4.0						210		
K		0						5.5						K 210 + 2.95		
		605		87° 59' 06"				11.5						211		
		358		87° 08' 03"				5.0						211		
				272° 51' 34"										211		589.78
K	Δ	0		89° 06'				5.5						Δ 78M 800.38		
		1150		89° 06' 19"				3.0						212		
				270 53 19"				3.0								
K	Δ	0						5.5						Δ 212		
		880		90 05 00				11.4						213		
		1760		89° 21' 25"				11.4						214		
		2640		89° 24' 06"				11.9						215		
		3520		89° 28' 03"				11.4						216		

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LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS	
			Level	Inclined	Angle or Factor	Hoir Read	Reading	Correction	Center Hair			INST.	ROD				BS FS - SS
⊙		3685		89° 29' 39"										⊙	216		
				270° 30' 16"										⊙	216 + 165		
Δ		0												Δ	216 + 165		
⊙		550		90° 20' 41"										⊙	216 + 715		
				269 39' 00"													
Δ		5445		88° 03' 15"										Δ	216 + 715		
				271° 56' 40"													
		5280		88° 10' 05"											217		
		4400		89° 04' 07"											216	218	
		3520		89° 45' 46"											219		
		2640		90° 24' 11"											220		
		1760		90° 57' 40"											221		
		880		92° 16' 34"											222		

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 SURVEYOR LINDLEY RODMAN Tom WEATHER _____ P.T.S. No. _____



LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
A		0														
		886		88° 44' 34"										A	223	
		1760		87° 46' 27"											224	
															225	
		2640		87° 43' 51"										O	226	
				272° 15' 40"												
A		0														
	⊙	385		912249										Δ	226	
				268° 36' 42"										⊙	226 + 385	
Δ		2255		88° 14' 54"										Δ	226 + 385	
				271° 44' 41"												
		1760		90° 00' 57"											227	
A		880		92° 26' 38"											228	
														A	229	
		880		86° 19' 59"											230	
		1760		85° 03' 51"											231	

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AREA Ikpikpuk STATE AK PAGE No. 440
 LINE No. 715 PARTY No. 1182 DATE 17 Day 4 Mo. 80 Yr. BOOK No. _____
 SURVEYOR Lindley RODMAN Tom WEATHER Foggy P.T.S. No. _____



LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
Q		4035		85° 5' 32"										Q	231+275	
				274° 54' 50"												
A		880		92° 35' 14"										A	231+275	check
				267° 24' 40"												
		275		93° 03' 29"											232	
T														T	232+275	
Q		157		88° 30' 25"										Q		
				271° 28' 50"										Q	TBM 80037	700.05
A		157												A	TBM 80037	
T		0												T	232+275	
Q		230		89° 56' 49"										Q	232+275	
				278° 08' 46"												

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AREA IKPIKPUK STATE _____ PAGE No. 941
 LINE No. 715 PARTY No. 1102 DATE 17 Day 4 Mo. 80 Yr. BOOK No. _____
 SURVEYOR Lindley RODMAN Tom WEATHER Fog P.T.S. No. _____



LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
A		275	831934					11.4					Δ	232-605		
		0	2764454					5.4	*				π	233		
		880	990049					11.4						234		
		1760	985647					11.4						235		
⊙		2640	903428 943038					11.4				452	⊙	236		
			2652934													
A		1925	9704235					11.4					Δ	236		
			2621701													
		1045	975912					22.5				554		237		
		165	973852					4.0				695.7		238		
T								5.84					π	238+165		
		715	832392					11.4				790.5		239		
⊙		1100	843142					15.0				811.6	⊙	239+385		
			2752804													

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STADIA SURVEY NOTES

AREA IKPIK PUK STATE AK PAGE No. 442
 LINE No. 715 PARTY No. 1182 DATE 17 Day 4 Mo. 80 Yr. BOOK No. _____
 SURVEYOR W. M. ... RODMAN Tom WEATHER Fog P.T.S. No. _____



LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
A	2145	2255		88°56'20"				150				Δ	239+385			
				271°03'26"												
	1265	1275		88°55'28"				4.0						240		
	385	475		93°09'37"				4.0						241		
X		0						5.4				π	242+495	385		
	495	285		87°12'00"				4.0						243		
	1375	1265		86°40'11"				11.4						243		
	2255	2475		86°44'58"				11.4						244		
O	2850	2750		86°46'37"				11.4						244+605		
				273°12'54"				11.4								
Δ		2035		91°28'33"				4.4						244+605		
		1760		91°31'15"				4.4						245		
		880		91°57'19"				4.4						246		
		0						5.3						247		
X		880		88°13'21"				5.7						248		
				274°46'39"				5.7								
				271°												

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 LINE No. 715 PARTY No. 1182 DATE Day 17 Mo. 4 Yr. 80 BOOK No. _____
 SURVEYOR LINDLEY RODMAN Tom WEATHER _____ P.T.S. No. _____



LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
K Δ		0							52					Δ 248		
		300		90° 31' 17"					00					80036		1021.06
		605		89° 34' 08" 270 25' 14"					44 42					○ 248 + 605		
Δ		1155		89° 00' 58" 270 58' 44"				44 42						Δ 248 + 605		
		880		88° 51' 28"				44						K 249		
		0						52						K 250		
		880		90° 53' 22" 269° 03' 55"					42					○ 251		
	880		89° 08' 50" 270° 50' 42"					44 42						Δ 251		

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STADIA SURVEY NOTES

AREA IKPIKPAK STATE AK PAGE No. 444
 LINE No. 715 PARTY No. 1192 DATE Day 17 Mo. 4 Yr. 80 BOOK No. _____
 SURVEYOR LINDLEY RODMAN Tom WEATHER _____ P.T.S. No. _____



LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS		
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD				▲ BS ○ FS - SS	
○		880		90° 54' 21"					55					π	252			
		880		90° 54' 21"				45			9.32						○	253
				269° 05' 20"														
Δ		1760		90° 09' 37"				44			972.5			Δ	253			
				269° 49' 52"				44										
π		880		90° 25' 16"				44						π	254			
		880		91° 39' 38"				55									○	255
		1760		91° 10' 35"				45										
								4.5								257		
○		2640		91° 09' 03"				45				9.15		○	258			
				268° 50' 23"				4.5										
Δ		1760		89° 58' 44"				44			918.8			Δ	258			
				270° 00' 50"				44										
		880		90° 04' 00"				44 40								259		

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STADIA SURVEY NOTES

AREA IKPIKPIK STATE AK PAGE No. 445
 LINE No. 715 PARTY No. 1182 DATE Day 17 Mo. 4 Yr. 80 BOOK No. _____
 SURVEYOR LINDLEY RODMAN Tom WEATHER _____ P.T.S. No. _____



LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
K		0														
		880		90°32'47"									π 260			
		1760		90°43'07"									π 260	261		
A				269 Kc 36'									○ 262			
		605		88°21'39"									Δ 262			
				271°37'52"							879.3		π 262 + 605			
O		275 1155		97°04'48"									265 263			
				97°26'21"									264			
O		275		96°57'51"									○ 263			
				263°02'01"							841.5		Δ 263			

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STADIA SURVEY NOTES

AREA IKPIKPUK STATE AK PAGE No. 446
 LINE No. 715 PARTY No. 1182 DATE Day 17 Mo. 4 Yr. 80 BOOK No. _____
 SURVEYOR LINDLEY RODMAN Tom WEATHER _____ P.T.S. No. _____



LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hoir Read	Reading	Correction	Center Hair			INST	ROD			
Δ		1375		90°04'45"					4.4			847.8		Δ 263		
				269°58'10"												
		495	2	94°57'29"					4.0					264		
		495		98°19'39"					15.0					265		
														265 + 495		
○		385		87°16'12"					4.0							
				77°43'35"								862.1	○	266		
Δ		1155		90°14'33"					11.4			878.4		Δ 266		
				269°45'05"					11.4							
		275		88°40'33"					11.4					267		
														267 + 275		
		605		90°47'01"					11.4					268		
○		880		91°27'56"					11.4			844.5	○	268 + 275		
				268°32'00"												

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STADIA SURVEY NOTES

AREA _____ STATE _____ PAGE No. 447

LINE No. _____ PARTY No. _____ DATE _____ Day _____ Mo. _____ Yr. _____ BOOK No. _____

SURVEYOR _____ RODMAN _____ WEATHER _____ P.T.S. No. _____



LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hoir Read	Reading	Correction	Center Hair			INST.	ROD			
		1760		90° 09' 04"					11.4			862.6		Δ 268 + 275		
				269 50 33												
		1155		92° 39' 46"					11.4					269		
		275		92° 24' 27"					4.0					270		
		605							5.2					π 270 + 275		
		605		90° 10' 08"					4.2 4.2					271		
		1485		90° 09' 20"					11.4			845.2	○	272		
				269° 50' 32"												
Δ		2690		89° 26' 44"					4.4			82.4		Δ 272		
				275 33 08												
		1760		89° 18' 27"					11.4					273		
		880		89° 12' 44"					11.4					274		
									5.2					π 275		
		880		90° 32' 05"					11.4					276		
		378		90° 33' 33"					3.0			817.3	○	TBM 809.34		
				269 26 09												

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STATE AK

PAGE No. 448

LINE No. 715

PARTY No. 1182

DATE Day 18 Mo. 4 Yr. 80

BOOK No.

SURVEYOR LINDLEY

RODMAN Tom

WEATHER

P.T.S. No.



LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS										REMARKS															
			Level	Inclined	Angle or Factor	Hoir Read	Reading	Correction	Center Hair			INST.	ROD		▲ BS ○ FS - SS																									
														275																										
+	Δ	0												Δ	275																									
		26+5	880 1760		90° 18' 15"																																			
			2460		90° 24' 22"																																			
			3520		90° 23' 25"																																			
			4400		90° 17' 17"																																			
					269 42 20"																																			
			1760		90° 58' 35"																																			
					269° 01' 03"																																			
			880		90° 58' 35"																																			
			0		92° 31' 22"																																			
			880		90°																																			
			1760		88° 09' 44"																																			
					88° 48' 37"																																			
					88° 49' 24"																																			
					271° 09' 50"																																			

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AREA IKPIKDUK STATE AK PAGE No. 449
 LINE No. 715 PARTY No. 1182 DATE Day 18 Mo. 4 Yr. 80 BOOK No. _____
 SURVEYOR LINDLEY RODMAN TOM WEATHER _____ P.T.S. No. _____



LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
Δ		<u>1375</u> 1700		<u>89° 41' 39"</u> <u>270 18 07"</u>				<u>114</u> <u>114</u>					Δ	<u>284</u>		
		<u>495</u>		<u>90° 54' 35"</u>				<u>40</u>						<u>285</u>	<u>TS</u>	
		<u>385</u>		<u>90° 54' 07"</u>				<u>40</u>						<u>286</u>	<u>TS</u>	

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