

STADIA SURVEY NOTES

AREA TESHEK PUK STATE OR PROVINCE ALASKA PAGE No. 4  
 LINE No.(s) 36X PARTY No. 184 DATE 6 Day 2 Mo. 75 Yr. BOOK No. 1  
 SURVEYOR D. Young RODMAN NONE WEATHER: Clear Sunny 10.00 AM P.T.S. No. AVAILABLE

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	Correction	Center Hair			INST.	ROD			
1																
2	N.	1320		90-17-05	9-1105	C			4.0	+10.0	27.0		17.2		22	
3	✓	✓		287-42-30	90-17-17	C			4.0							
4		990		90-22-15		C			2.0	-11.3			16.5		23	
5		660		90-51-27		C			2.0	-11.9			15.9		22	
6		330		91-41-17		C			2.0	-12.2			15.6		21	
7		0				C			5.4	-5.4			22.4		20	
8		330		90-11-02		C			2.0	-3.1			24.7		19	
9		660		90-05-50		C			2.0	-3.1			24.7		18	
10	S.	990		89-59-14		C			4.0	-3.8			24.0		17	
11	✓	✓		270-20-21		C			4.0							
12																
13	N	990		90-04-44		C			4.0	+5.4	29.4					
14	N.	990		269-54-47		C			4.0							
15	✓	660		20-04-44	90-42-22	C			2.0	-11.1			18.3		16	
16		330		90-47-29	91-19-22	C			2.0	-9.6			19.8		15	
17		0				C			5.0	-5.0			24.4		14	
18		330		90-56-27		C			2.0	-7.4			22.0		13	
19		660		90-26-49		C			2.0	-7.1			22.3		12	
20	S	990		90-05-29		C			4.0	-5.7			23.7		11	

Worked East from 1st

ADJUST INSTRUMENT

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269-53-51

4.0

**STADIA SURVEY NOTES**

AREA Teshkepuuk STATE or PROVINCE Alaska PAGE No. 7  
 LINE No.(s) 36 X PARTY No. 184 DATE 1 Day 2 Mo. 75 Yr. BOOK No. 1  
 SURVEYOR D. Young RODMAN F.M 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	N.	1320		90-05-05		C					4.0		25.2		
3	N.	1320		269-59-42		C					4.0	31.2			
4	✓	990		90-07-57		C					2.0				
5		660		90-01-58		C					2.0				
6		230		90-21-30		C					2.0				
7		0				-					5.0				
8		330		90-33-51		C				-5.0	2.0		26.2	99	
9		660		<del>90-28-42</del> 90-12-41		C					2.0				
10		990		90-28-52		C					2.0				
11		1320		90-18-12		C					4.0	71.0	20.2	100	
12		1650		90-17-55		C					2.0				
13		1980		90-16-16		C					2.0				
14		2310		90-13-43		C					2.0				
15	S.	2640		90-09-50		C					4.0		19.5	101	
16	✓	✓		269-49-52		C					4.0			101	
17															
18	N	2640		90-01-42		C					4.0	24.5			✓
19	N	✓		269-57-57		C					4.0				
20		2310		90-04-19		C					2.0				ICE

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**STADIA SURVEY NOTES**

AREA Teshokpak STATE or PROVINCE Alaska PAGE No. 6  
 LINE No.(s) 3 PARTY No. 184 DATE 6 Day 2 Mo. 75 Yr. BOOK No. 1  
 SURVEYOR D. Young RODMAN F. M. 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.			
1											26.7				
2		990		90-09-06		C		2.0	-4.6						
3	S.	1320		90-11-47		C		4.0	-4.7		22.0	95			
4	✓	✓		269-58-27		C		4.0					✓		
5															
6	N.	790		90-07-47		C		4.0	+6.3		28.3				
7	N.	990		269-32-05		C		4.0							
8	✓	660		90-16-21		C		2.0	-5.1						
9		330		90-35-15		C		2.0	-5.4						
10		0		—		—		5.0	-5.0						
11		330		90-56-02		C		4.0	-9.4		19.9	96			
12		660		90-47-03		C		2.0							
13		790		90-15-35		C		2.0							
14		1320		90-02-10		C		2.0							
15	SE	1650		90-01-35		C		4.0	-4.9		23.4	97			
16	✓	1980		90-02-48		C		2.0							
17		2310		<del>90-01-19</del> 89-58-51		C		2.0							
18		2640		90-01-19		C		2.0							
19		2970		89-58-51		C		4.0	-3.1		25.2	98			
20		✓		270-00-57		C		4.0							

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**STADIA SURVEY NOTES**

AREA TESHKEK PUK STATE or PROVINCE ALASKA PAGE No. 5  
 LINE No.(s) 36X PARTY No. 189 DATE 6 Day 2 Mo. 75 Yr. BOOK No. 1  
 SURVEYOR D. YOUNG RODMAN \_\_\_\_\_ WEATHER: CL. Sunny 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																
2	N	1650		80°21'	C			4.0		+6.2	29.9	23.7	⊙			
3	/	/		269°55'28"	C			4.0					⊙			
4		1220		90°05'48"	C			2.0		-4.2		257		10		
5		990		90°06'24"	C			2.0		-3.8		261		9		
6		660		90°06'24"	C			2.0		-3.2		267		8		
7		330		90°12'55"	C			2.0		-3.2		267		7		
8	⊙				C			5.0		-5.0		249		6		
9		330		90°23'22"	C			2.0		-4.2		257		5		
10		660		90°16'23"	C			2.0		-5.2		247		4		
11		990		90°08'04"	C			2.0		-4.3		256		3		
12	S	1320		89°53'39"	C			4.0		-1.6		28.3	⊙	2		
13	✓	✓		270°26'05"	C			6.0					⊙			
14																
15	N	660		89°30'41"	C			4.0		-1.4			⊙			
16	✓	✓		270°28'54"	C			4.0			26.7		⊙			
17		330		89°56'45"	C			2.0		-1.7		250		1		(Hub is with stake)
18	⊙				-			5.0		-5.1		21.6		SP. 9A-1A		COMMON SP. 9A
19		330		91°30'26"	C			2.0		-10.7				<del>330</del>		1974
20		660		90°07'19"	C			2.0		-3.4						

WPTK & BACK  
 This ELEV. set by P.S. 186  
 in 1974.

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☉☉ CHECKED BY 1st Final Elevation difference PP

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



**STADIA SURVEY NOTES**

AREA Teshakpak STATE or PROVINCE Alaska PAGE No. 8  
 LINE No.(s) 364 PARTY No. 184 DATE 6 Day 2 Mo. 75 Yr. BOOK No. 1  
 SURVEYOR D. Young RODMAN F.M. WEATHER: \_\_\_\_\_ 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	Correction	Center Hair			INST.	ROD			
1												24.5				
2		1980														102
3		1650														102
4		1720		90-02-26				4.0		-5.4		19.1			102	102
5		990														✓
6		660														✓
7		330														✓
8		0						5.4		-5.4		19.1			103	✓ USE ✓
9		330														✓
10		660														✓
11		990														✓
12	S.	1320		90-03-15				4.0		-5.3		19.2			104	102
13	✓	✓		269-56-26				4.0							0	✓
14																
15	N.	990		90-27-52				4.0		+12.1	31.3					
16	✓	✓		269-31-17				4.0								
17		660														
18		330		90-23-37				4.0								102
19		0														EDGE of lake
20		330		90-46-41				4.0		-8.5		22.8			105	

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AD CHECKED BY 1st Final Elev diff AD, 2nd \_\_\_\_\_

### STADIA SURVEY NOTES

AREA Teshokpuk STATE or PROVINCE Alaska PAGE No. 9  
 LINE No.(s) 36X PARTY No. 184 DATE 6 Day 2 Mo. 75 Yr. BOOK No. 1  
 SURVEYOR D. YOUNG RODMAN F.M. WEATHER: \_\_\_\_\_ 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																
2		160		90-08-46		C						31.3 <sup>v</sup>				
3		990		90-03-08		C										
4		1320		90-03-48		C										
5	S.	1650		89-58-13		C										
6	✓	✓		90-01-23		C										
7																
8	N.	4110		90-17-08		C										
9	✓	✓		269-42-07		C										
10		3780		90-21-31		C										
11		3450		90-24-26		C										
12		3120		90-28-33		C										
13		2790		90-31-52		C										
14		2400		90-41-29		C										
15		2130		90-48-18		C										
16		1800		90-57-20		C										
17		1470		90-06-40		C										
18		1140		91-30-08		C										
19		810		91-42-04		C										
20		480		91-53-33		C										

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**STADIA SURVEY NOTES**

AREA Teshetuk STATE or PROVINCE Alaska PAGE No. 10  
 LINE No.(s) 36X PARTY No. 18A DATE 6 Day 2 Mo. 75 Yr. BOOK No. 1  
 SURVEYOR D. Young RODMAN FM 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		150		91-41-07		C			4.0		-8.4	53.4 ✓	45°		109 ✓	
3		0'							5.0							Target short stake for Hub.
4		180		91-49-26		C			2.0							
5		510		91-31-04		C			2.0							
6		840		91-37-04		C			2.0							
7		1170		91-02-31		C			4.0		-25.3		28'		110	
8		1500		90-55-46		C			2.0							
9		1830		90-46-47		C			2.0							
10		2160		90-39-28		C			2.0							
11	S	2490		90-30-48		C			4.0		-26.5		26.9	0	111	
12	✓			262-28-46		C			4.0					0		
13																
14	N	2310		90-09-34		C			4.0		+10.5	37.4		Δ		
15	✓			268-50-4		C			4.0					Δ		
16		1900		90-07-14	90-12-36	C			2.0							
17		1650		90-13-02		C			2.0							
18		1320		90-20-38		C			2.0							
19		990		90-36-35		C			4.0		-14.5		22'		112	
20		660		91-01-03		C			2.0							

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### STADIA SURVEY NOTES

AREA: Weshakruk STATE or PROVINCE: Alaska PAGE No. 1  
 LINE No.(s): 36X PARTY No. 184 DATE: 6 Day 2 Mo. 75 Yr. BOOK No. 1  
 SURVEYOR: D. Young RODMAN: F.M. WEATHER: \_\_\_\_\_ 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												37.4 ✓				
2		330		91-38-19		C										
3		0		-		-										
4		330		91-35-24		C				-5.4		32.0		113	Broken stake	
5		660		90-12-05		C										
6		990		90-10-13		C										
7		1320		90-18-21		C										
8		160		90-13-25		C				-10.4		27.0		114	100	
9		1780		90-12-15		C									100	
10		2310		90-11-00		C									100	
11		2640		90-09-11		C									10 @ EDGE	
12		2970		89-41-05		C				+12.3		49.7		115		
13		3300		89-37-52		C										
14	S.	3630		89-31-15		C				+25.0		62.4			Target 115+660	
15	✓	✓		27028-30		C										
16																
17																
18																
19																
20																

TI-588B

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### STADIA SURVEY NOTES

AREA TESEKUR STATE or PROVINCE Alaska PAGE No. 12  
 LINE No.(s) 36-X PARTY No. 184 DATE 10 Day 3 Mo. 75 Yr. BOOK No. 1  
 SURVEYOR D. Young RODMAN F. Morris WEATHER: Clear Cold 70 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																
2	N.	5280		109°41'44"	C			5.2		-79.5	42.9	62.4 ✓				
3	✓	✓		270-15-53	C			5.2								
4		4950														
5		4530		87-14-44	C			4.0		+16.5		59.4		116		
6		4290														
7		3910														
8		3630														
9		3300		90-18-00	C			4.0		-13.6		28.3		117		
10		2970														
11		2640														
12		2310														
13		1980		90-10-52	C			4.0		-73.1		29.8		118		
14		1650														
15		1320														
16		990														
17		660		90-46-42	C			4.0		-13.8		29.7		119		
18		330														
19		0												0		
20		330												830		

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**STADIA SURVEY NOTES**

AREA Teshkepuk STATE or PROVINCE Alaska PAGE No. 13  
 LINE No.(s) 36X PARTY No. 184 DATE 10 Day 2 Mo. 75 Yr. BOOK No. 1  
 SURVEYOR D. Young RODMAN E. M. WEATHER: \_\_\_\_\_ 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												42.9 ✓				
2		660		90-20-09	C			7.0		-8.0		34.9		120		
3		990														
4		1320														
5		1650														
6	S	1980		90-04-39	C			4.0		-6.8		36.15		121	ICE	
7	✓	✓		267-54-52	C			2.0				0				
8																
9	N.	920		90-37-08	C			13.9		+23.9		60.0				
10	✓	✓		267-22-30	C			13.9								
11		590		-	C			14.8								
12		260		-	C			2.0								
13		0		-	C			5'								
14		70		-	C			5.0								
15		400		91-45-20	C			9.0		-16.2		43.8		122	ICE	
16		730														
17		1060														
18		1390														
19		1720		90-21-09	C			7.0		-14.6		45.4		123		
20		2050														

TI-5886

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### STADIA SURVEY NOTES

AREA Teshokuk STATE or PROVINCE Alaska PAGE No. 14  
 LINE No. (s) 36X PARTY No. 18A DATE 10 Day 2 Mo. 75 Yr. BOOK No. 1  
 SURVEYOR D. Young RODMAN F.M. WEATHER: \_\_\_\_\_ 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																
2		2380														
3		2710														
4		3040														
5		3370														
6		3700														
7		4030														C.I.S.
8		4360														
9		4690														
10		5020														
11		5260														
12	S	5260			51-53 89-52-41	C			5.8		+6.3	66.3				Target
13					270-07-42	C			5.8							
14																
15	N	2720			89-45-00	C			5.8		-6.0	60.3				
16					270-14-44	L			5.8							
17		2620														
18		2290			90-16-49	C			4.0		-15.7	45.1			126	
19		1960														
20		1630														

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RD CHECKED BY 1st Final elev diff. RD 2nd \_\_\_\_\_

**STADIA SURVEY NOTES**

AREA Teshlekuk STATE or PROVINCE Alaska PAGE No. 15  
 LINE No.(s) 36X PARTY No. 184 DATE 10 Day 2 Mo. 75 Yr. BOOK No. 1  
 SURVEYOR D. Young RODMAN F.M. WEATHER: \_\_\_\_\_ P.T.S. No. \_\_\_\_\_

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction				INST.	ROD			
1												60.3				
2		1300														
3		970		—		B		8.4	-9.8	-18.8		415		127		
4		640		—				6.5								
5		310		—				4.0								
6		0		—				5.0								
7		20		—				6.0								
8		350		90°00'00"		C		14.2		-14.2		461		128		
9		680													center of 9.5	
10		1010													SAME	
11		1340														
12		1670		90-20-50		C		7.0	-14.1			462		129		
13		2000														
14		2330														
15		2660														
16		2990		89-56-43		C		4.0	-1.1			592		130		
17	N	3126		87-45-54		C		3.4	17.2			69.5			target	
18	✓	✓		270-11-38		C		3.4								
19																
20																

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### STADIA SURVEY NOTES

AREA TESHKEPUK STATE OR PROVINCE ALASKA PAGE No. 16  
 LINE No.(s) 364 PARTY No. 184 DATE 10 Day 2 Mo. 75 Yr. BOOK No. 1  
 SURVEYOR D. YOUNG RODMAN F.M. WEATHER: \_\_\_\_\_ 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																	
2	N	1185		89-14-58		C		3.4		-12.0	57.5	69.5					
3		✓		70-44-24		C		3.4									
4		990		90-20-00				2.0									
5		660		90-57-10		C		2.0									
6		330														C.S.	
7		0						5.4		-5.4		52.1		131			
8		330														C.S.	
9		660														C.S.	
10		990															
11		1320		90-11-22		C		4.0		-8.4		49.1		132			
12		1150															
13		1980															
14		2310															
15	S	2640		<del>89-32-57</del>		C		<del>4.0</del>				46.1		<del>133</del>			
16	S	2996		<del>70-26-55</del>		C		<del>4.0</del>									
17		3300															
18		3630															
19	S	3960		89-32-57		C		4.0		-77.1		84.6		134			
20	✓	✓		270-26-55		C		4.0									

TI-588B

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RD CHECKED BY 1st Final elev. diff. D.D.

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

**STADIA SURVEY NOTES**

AREA TESHER PUK STATE or PROVINCE ALASKA PAGE No. 17  
 LINE No.(s) 36X PARTY No. 18A DATE 11 Day 2 Mo. 75 Yr. BOOK No. 1  
 SURVEYOR D. YOUNG RODMAN \_\_\_\_\_ WEATHER: Clear & Cold -40° 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																
2	N	580		90-37-08		C				+10.3	94.9	84.6				
3				262-22-34		C										
4		250														
5		0														
6		80														
7		410														
8	S.	740		90-01-18		C				-4.4		90.5		135		
9				212-22-00		C										
10																
11	N.	1140		89-34-05		C				-9.5	86.0					
12				270-25-32		C										
13		810														
14		480														
15		150														
16		0														
17		180														
18	154	<del>180</del>		71-58-06		C				-19.8		66.2				Tr. 36X30-X
19		183		92-40-19		C				-12.6		73.4		136		SEE BACK
20																of page

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CHECKED BY 1st Final Elev. diff. DD 2nd \_\_\_\_\_

**STADIA SURVEY NOTES**

AREA Tashokuk STATE or PROVINCE ALASKA PAGE No. 18  
 LINE No.(s) 36X PARTY No. 184 DATE 11 Day 2 Mo. 75 Yr. BOOK No. 1  
 SURVEYOR D. YOUNG RODMAN F.M. WEATHER: \_\_\_\_\_ P.T.S. No. \_\_\_\_\_

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		ABS. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion				INST.	ROD			
1																
2	SW.	650		90-00-00	C			72.2		-12.2	86.0	73.8				SV-29-30X
3		575														
4		845														
5		1175														
6		1500		89-35-26	C			4.0		+6.3		92.3				B7
7		1830		89-31-14	C			2.0								
8	S	2160		<del>89-26-17</del>	C											
9	S ✓	2490		<del>89-16-17</del> 89-16-17	C			2.0		+9.5		115.5				
10	✓	✓		270-47-09				2.0								
11																
12	N	330		90-42-22	C			2.0		+6.1	121.6					
13	✓	✓		267-40-57	C			2.0								
14		0						5.1		-5.1		116.5				B8
15		330		90-49-00	C			2.0								
16		660		90-32-40	C			2.0								
17		990														
18		1320		90-22-35	C			14.0		-22.7		98.9				139
19		1650														
20		1980		90-12-43	C			2.0								

TI-588B

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10 CHECKED BY 1st Final elev. diff. DP.

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

### STADIA SURVEY NOTES

AREA Teshekuk STATE or PROVINCE ALASKA PAGE No. 19  
 LINE No.(s) 36X PARTY No. 184 DATE 11 Day 2 Mo. 75 Yr. BOOK No. 1  
 SURVEYOR D. YOUNG RODMAN F.M. WEATHER: \_\_\_\_\_ 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												121.6				
2		2310														
3		2440		89-25-05		C			4.0		-0.5	121.1		140		
4		2970														
5	<del>N</del>	3200		<del>89-25-05</del>		<del>C</del>										<del>Target</del> C.S.
6	<del>N</del>	3630		<del>89-25-05</del>		<del>C</del>										
7		3990		89-50-00		C			4.0		+7.6	129.2		141		C.S.
8		4320														
9	S.	4650		89-52-05		C			4.5		+6.0	127.6	0	<del>141</del>	Target	
10	✓	<del>4970</del>		270-07.36		C			4.5				0		Top of school stake	
11																<del>Target</del>
12	N.	2640		90-00-05		C			4.5		+4.6	132.2				
13	✓			269-59-45		C			4.5							
14		<del>2310</del>														
15		1920		90-05-53		C			4.0		-7.4	124.8		142		
16		<del>1630</del>														
17		1370		90-13-06		C			2.0							
18		<del>1700</del>														
19		660		90-06-35		C			4.0		-5.8	126.9		143		
20		330		90-09-26		C			2.0							

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**STADIA SURVEY NOTES**

AREA Teshukpak STATE or PROVINCE ALASKA PAGE No. 20  
 LINE No.(s) 36X PARTY No. 124 DATE 11 Day 2 Mo. 75 Yr. BOOK No. 1  
 SURVEYOR D. YOUNG RODMAN F. M. WEATHER: \_\_\_\_\_ 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												132.2				
2		0						5.0								
3		330		91-10-44		C		2.0								
4		660		90-46-20		C		4.0		-12.9		119.3		144		
5		990														
6		1320		90-26-50		C		2.0								
7		1650														
8		1980		90-11-47		C		4.0		-70.8		121.7		145		
9		2310		90-11-50		C		2.0								
10		2640		90-10-14		C		2.0								
11		2970		90-08-12		C		2.0								
12	S.	3300		90-04-23		C		4.0		-8.3		123.9	0	146		
13	✓	✓		261-55-27		C		4.0					0			
14																
15	N.	3990		89-53-24		C		4.0		-3.5		120.4		A		
16	✓	✓		270-06-16		C		4.0							A	
17		3660		89-57-17		C		2.0								
18		3300		89-52-52		C		2.0								
19		2970		90-00-07		C		2.0								
20		2640		90-06-30		C		4.0		-9.0		111.4		147		

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### STADIA SURVEY NOTES

AREA Teshchepuk STATE or PROVINCE ALASKA PAGE No. 21  
 LINE No.(s) 36 X PARTY No. 184 DATE 11 Day 2 Mo. 75 Yr. BOOK No. 1  
 SURVEYOR D. YOUNG RODMAN F.M. 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												120.4				
2		2310		90°12-04		C										
3		1980		90°14-03		C										
4		1650		90°21-06		C										
5		1320		90°22-18		C					-12.6		1078		148	
6		990		90°30-55		C										
7		660		90°41-55		C										
8		330		90-44-00		C										
9		0									-50		115.4		149	
10		330		90°29-15		C										
11		660		90°21-22		C										
12		990		90°15-07		C										
13		1320		90°06-43		C					-6.6		113.8		150	
14		1650		90°07-37		C										
15		1980		89°57-05		C										
16		2310		89°57-20		C										
17		2640		<del>89°57-20</del>		C					-20.0		938		151	20
18		2970		<del>89°57-20</del>		C										Creek Bottom
19		3300		<del>89°57-20</del>		C										
20		3630														

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20 CHECKED BY 1st Final Elev. diff

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### STADIA SURVEY NOTES

AREA Teshokruk STATE or PROVINCE ALASKA PAGE No. 2-2  
 LINE No. (s) 36X PARTY No. 184 DATE 11 Day 2 Mo. 75 Yr. BOOK No. 1  
 SURVEYOR D. Young RODMAN F.M. WEATHER: \_\_\_\_\_ 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																
2		3960		89-57-32 (1.2A)		C			4.0	+9.5	155	120.4	125.9		152	✓
3		4290														
4		4620		89-52-08		C			2.0							CS ↓
5		4950														
6		5280				I						133.7			153	<del>Target</del> → SAME
7	S.	5610		89-49-32		C			3.4	} +13.3		133.7	0			Target
8	✓	✓		270-40-00		C			3.4					0		
9																
10	N	2310		89-51-58		C			3.4	} -19		131.8	SA			
11	✓	✓		270-57-40		C			3.4					SA		
12		1980														
13		1650														
14		1320		89-49-35 (0.30)		C			4.0	-	0°	123.0			154	
15		990														
16		660														
17		330														
18		0		—		—			4.8			127.0			155	
19		330														
20		660														

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CHECKED BY 1st Final elev diff PP 2nd

**STADIA SURVEY NOTES**

AREA Teshukpak STATE or PROVINCE ALASKA PAGE No. 23  
 LINE No.(s) 36X PARTY No. 184 DATE 11 Day 2 Mo. 75 Yr. BOOK No. 1  
 SURVEYOR D. YOUNG RODMAN F.M. 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												131.8				
2		990														
3		1320		90°5'02" (0.15) C				4.8	-1.9	-67			125'		13%	
4		1650														
5		1980														
6		2310														
7		2640		89°54'50				4.0		-0.1			131.7	0	157	
8				70°04'53				4.0						0		
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

TI-5885

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RD CHECKED BY 1st Final Elev. *df* 2nd



### STADIA SURVEY NOTES

AREA Tashekpuuk STATE or PROVINCE Alaska. PAGE No. 24  
 LINE No.(s) 364 PARTY No. 124 DATE 12 Day 2 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR D. YOUNG RODMAN F. Morris WEATHER: Clear & Cold -35 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																
2	N.	3096		90-24-28		C		4.0	} +26.2	157.9	131.7					
3	✓	✓		24-35-47		C	4.0									
4		2766														
5		2436														
6		2106														
7		1776		90-24-74 (0.71)		C		4.0	-12.6	-16.6	141.3		158			
8		1446														
9		1116														
10		786														
11		456		90-33-19 (0.96)		C		4.0	-4.9	-8.9	149.5		159			
12		126														
13		0		-		-		5.0						Target		
14		204		93-05-00		C		2.0						Top bank. EDGE LAKE		
15		534														
16		864		92-14-20 (3.83)		C		4.0	-33.1	-37.1	120.8		160			
17		1194														
18		1524														
19		1854														
20		2184		90-50-35 (1.46)				4.0	-31.9	-35.9	122.0		161	↓		

TI-582B

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### STADIA SURVEY NOTES

AREA Teshkepuk STATE OR PROVINCE ALASKA PAGE No. 25  
 LINE No.(s) 36X PARTY No. 184 DATE 12 Day 2 Mo. 95 Yr. BOOK No. 1  
 SURVEYOR D. YOUNG RODMAN F.M. WEATHER: \_\_\_\_\_ P.T.S. No. \_\_\_\_\_

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		AB.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction				INST.	ROD			
1																
2		254										157.9				
3		2544														
4		3174														
5	S.	3504		90-31-28		C		4.0		-36.4		121.5	0	162		
6	✓	✓		269-27-52		C		4.0					0			
7																
8	N	2040		90-54-48		C		4.0		+46.1		167.6	Δ			
9	✓	✓		269-05-15		C		4.0					Δ			
10		2310														
11		1980														
12		1650														ICE LEVEL
13		1320				C		4.0				121.5	✓	163		
14		990														
15		660														
16		330		91-13-48 (2.15)		C		2.0		-7' -9'		158.5				Edge lake.
17		0						5.0				162.6	✓	164		Top of bank.
18		330														
19		660														
20		990														

TI-588B

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NO CHECKED BY 1st Final Elev. diff DD 2nd \_\_\_\_\_

**STADIA SURVEY NOTES**

AREA Teshokpuk STATE OR PROVINCE ALASKA PAGE No. 26  
 LINE No.(s) 36 X PARTY No. 184 DATE 12 Day 2 Mo. 25 Yr. BOOK No. 2  
 SURVEYOR D. Young RODMAN E.M 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.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion			Center Hair	INST.			
1											167.6				
2	S.	1320		89-41-35		C		4.0	} +3.0		170.65	0	165		
3	✓	✓		270-17-51		C		4.0				0	0	✓	
4															
5	N.	3970		89-59-06		C		4.0	} +3.1		173.7	0			
6	✓			270-40-40		C		4.0				0	0		
7		3660													
8		3300													
9		2970													
10		2640		90-17-00 (0.50)		C		4.0	-13 <sup>2</sup>	-17 <sup>2</sup>		156.5	166		
11		2310													
12		1980													
13		1650													
14		1320		90-20-16 (0.59)		C		4.0	-7.8	-11.8		161.9	167		
15		990													
16		660													
17		330													
18		0		—		—		5.5				168 <sup>2</sup>	169		
19		330													
20		660													

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**STADIA SURVEY NOTES**

AREA Teshkepunk STATE or PROVINCE ALASKA PAGE No. 27  
 LINE No.(s) 36X PARTY No. 184 DATE 12 Day 2 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR D. Young RODMAN F.M. 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												173.7 ✓			
2		990													
3		1320		80-09-25	(0.28) C			4.0	-3.7	-7.7		166°	169		1"
4	North	2890		89-53-59	C			6.0		-11		172.6	0		Target
5	✓	✓		87-05-35	C			6.0					0		N2-21
6															
7		0						5.1		+5.1		177.7	Δ		
8	North	250		92-12-00	(3.84) C			4.0	-9.6	-13.6		164'	170		
9		580		92-30-25	C			2.0							J.F.-3
10		910		90-51-58	C			2.0							J.F.-2
11															
12	South	80		93-54-06	C			2.0							J.F.-1
13		410		94-24-57	C			2.0							
14		740		92-38-00	C			2.0							
15		1070		92-08-47	(3.71) C			0.0	-39.7	-40.1		138°	171		
16		1400													
17		1730													C.S.
18		2060													
19		2390		91-10-38	(2.05) C							127.7	172		
20															

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**STADIA SURVEY NOTES**

AREA Teshokpuk STATE or PROVINCE ALASKA PAGE No. 28  
 LINE No.(s) 36A PARTY No. 184 DATE 12 Day 2 Mo. 25 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR D. YOUNG RODMAN F. M. 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												177.7			
2		2720													C.S. A
3		3050													
4		3380													
5		3710													
6	South	3750		90-42-36		C				-50.7		124.0		173	EX-3' from TURN
7	✓	✓		262-17-00		C						127.0	0		
8													0		
9	North	1278		90-07-58		C				+7.0		134.0	Δ		
10	✓	✓		267-51-43									Δ		
11		948													
12		618													
13		288													
14		0													
15		330		94-21-20		C								174	
16		660		92-19-05		C									
17		890		91-07-20											
18	South	1205		90-27-15		C				-14.4		119.6	0	195	
19	✓	✓		267-32-36		C							0		
20															

TI-5088  
 WORKED BY DU CHECKED BY 1st Final Elev. off. P.D. 2nd \_\_\_\_\_

**STADIA SURVEY NOTES**

AREA Teshakpak STATE or PROVINCE ALASKA PAGE No. 29  
 LINE No.(s) 36x PARTY No. 184 DATE 12 Day 2 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR D. YOUNG RODMAN F.M 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																
2	North	349.5		90-51-10		C			4.0		+86.3	175.9	119.6			↑
3	✓	✓		262-08-14		C			4.1							
4																
5																
6																
7		2175		90-52-35 (1.695)		C			4.0	-35.8	-39.8		136.1		176	
8																
9																
10																
11		855		92-02-30 (3.56)		C			4.0	-30.4	-34.4		141.5		177	
12		525														
13		195														
14		0		-		-			5.0				170.9		Hub	Elev. from Reciprocals EDGE OF Lake..
15		135														A.2-22
16		465		90-41-28 (1.26)		C			4.0	-5.9	-9.9		166.0		178	ice.
17		795 <del>1185</del>														
18		1125														
19		1455														
20		1785		90-44 (0.34)		C			4.0	-6.1	-10.1		165.8		179	ice. ✓

WORKED BY \_\_\_\_\_ CHECKED BY 1st F. M. Young Final elev. diff. DP 2nd \_\_\_\_\_

**STADIA SURVEY NOTES**

AREA Teshobuk STATE or PROVINCE ALASKA PAGE No. 30  
 LINE No.(s) 36X PARTY No. 184 DATE 12 Day 2 Mo. 25 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR D. Young RODMAN F. M. WEATHER: \_\_\_\_\_ 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	Correction	Center Hair			INST.	ROD			
1												175.9				
2		215														ice
3		249.5														
4		277.5														
5		310.5		90-06-00		C			4.0		-10'	171.9		180		✓ ice
6	South	330.5		89-50-52		C			3.8		+4.7 +9.8					Target on Level
7	✓	✓		270-08-30		C			3.8	3.0	+4.7	180.8	0	179.2		Hub N2-23
8	North	0				-			5.0		+5.0	185.8				+0.9 from Reciprocal
10	✓	0				-										Hub
11	South	120				-										
12		460		91-20-30		C			2.0		-12.8	173.0				ice
13		790														
		1120		90-42-21		C			0.0		-14.1	171.7		181		
		1450														
		1780		90-32-05		C			2.0							
		2110														
		2440		90-25-08		C			4.0		-21.8	164.0		182		
		2770														
		3100		90-12-04		C			2.0							

WORKED BY \_\_\_\_\_ CHECKED BY 1st PP Final elev. diff. PP 2nd \_\_\_\_\_

### STADIA SURVEY NOTES

AREA Tashokuk STATE or PROVINCE ALASKA PAGE No. 31  
 LINE No.(s) 36 X PARTY No. 184 DATE 13 Day 2 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR D. YOUNG RODMAN F. M. 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. B	ROD			
1												185.8				↓
2		2430										160.3				↑
3	South	3710		89-56-24		C			4.0	+3.6	-0.4		159.9	0	183	
4		✓		77-07-03		C			7.0					0		
5		990														
6	N	660		91-43-39		C			9.0		+33.8		193.7	Δ	9	
7		580													0	
8		330														
9		0							5.2							
10	South	330		89-30-00 (0.87)		C			4.0	+2.9	+1.1		192.6		184	✓
11	South	660		89-19-11		C			4.0		+3.8		197.5	⊙		
12																
13		1320		89-38-29		C			9.0		-4.3		193.2	Δ		
14		990														
15		660														
16		330		89-47-42 (0.35)		C			4.0	+1.2	-2.8		191.4		185	
17		0														
18		336														
19		669														
20		990		92-41-50 (3.84)		C			4.0	-38.0	-42.0		151.2		186	

WORKED BY \_\_\_\_\_ CHECKED BY 1st F. M. Young 2nd \_\_\_\_\_

No Reverse and 185



### STADIA SURVEY NOTES

AREA Teshkepunk STATE or PROVINCE ALASKA PAGE No. 32  
 LINE No.(s) 36X PARTY No. 124 DATE 13 Day 2 Mo. 25 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR D. YOUNG RODMAN F. M. 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												193.2				
2																
3																
4																
5		2310		91° 22' 00"		C			4.0	-59.1		134.1	137			
6		1320		70° 28' 40"		C			4.0	+15.0	149.1					
7																
8																
9																
10																
11		0		—		—			5.0			144.1	188			
12																
13																
14																
15		1320		89° 53' 59"		C			4.0	-1.7		147.4	189			
16																
17		1650		89° 51' 49"		C			4.0	+0.1	147.5					
18																
19																
20																

TI-5898

WORKED BY \_\_\_\_\_ CHECKED BY 1st Final elev. diff. DD 2nd \_\_\_\_\_

### STADIA SURVEY NOTES

AREA Tahlekpuk STATE or PROVINCE ALASKA PAGE No. 33  
 LINE No.(s) 36 X PARTY No. 184 DATE 13 Day 2 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR P. Young RODMAN F.M. 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												147.5				
2		330		93°04'35" (0.36)				4.0	-17.7	-21.7		125.8		190		↑
3		0														
4		330														
5																
6		600														
7		990		89°48'05" (0.35)			4.0	+3.5	-0.6		147.0		191	✓		
8																
9																
10																
11	2310	89-06-27		89°06'27" (1.525)			4.0	+35.2	+32.0		178.7		192	✓ (113)		?
12	26	2640		89°01'21"			2.0		+43.0		190.5		N2-24	○		Reciprocal
13																
14		1820		89°59'72" 89°58'53"			2.0		+1.6		192.1			△		
15																
16																
17		330		(.535) 90-12-34			4.0	-1.8	-5.8		186.3		193	✓		
18		0					5.0									
19																
20																

TI-550B

WORKED BY \_\_\_\_\_

20 CHECKED BY 1st Final elev. diff. JD

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

**STADIA SURVEY NOTES**

AREA Teshokpak STATE or PROVINCE ALASKA PAGE No. 34  
 LINE No.(s) 36 X PARTY No. 184 DATE 13 Day 2 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR D. Young RODMAN F.M. 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																
2		990		91-20-55 (2.35)	C				4.0	-23.3	-27.3	192.1'	<del>164.8</del> 137.1	<del>194</del>	194	used ✓
3																
4		<del>1680</del>		<del>89-38-21 (0.25)</del>	<del>C</del>				4.0	-10.5	-6.6	130.4				
5																
6																
7																
8		360		59-32-24 (0.25)	C				4.0	-2.3	-1.7	130.4	132'		195	0
9		30														
10		0							5.0				125.0			0
11		300														
12																
13		260 1290		89-57-12 (3.81)	C				4.0	-36.6	-40.6		89.8		196	✓
14				92-10-99												
15																
16																
17		2280 <del>250</del>		89-57-12 (0.03)	C				4.0		-2.1		128.3		197	✓
18																
19																
20																

TI-588B

WORKED BY \_\_\_\_\_ CHECKED BY 1st Fred Chen, diff. DD. 2nd \_\_\_\_\_

**STADIA SURVEY NOTES**

AREA Tashekput STATE OR PROVINCE ALASKA PAGE No. 35  
 LINE No.(s) 36X PARTY No. 104 DATE 14 Day 2 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR D. Young RODMAN EM. 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																
2		2805		90-47-32 (1.39)	C				4.0		+42.8	171.1	128.3	A		
3																
4																
5																
6		1485		91-31-48 (2.167)	C				4.0	-39.6	-43.6		127.5		198	
7																
8																
9																
10		165		91-41-03 (2.94)	C				4.0 → 5.0	-4.3	-8.9		162.2		199	
11		0											165.7 ✓			
12		165														
13																
14																
15		1155		91-14-33 (2.16)	C				4.0	-24.9	-28.9		142.2		200	bottom creek
16																
17																
18																
19		2475		90-20-31 (0.59)	C				4.0	-14.6	-18.6		152.5		201	
20																

TI-5885  
 WORKED BY R.D. CHECKED BY 1st Final elev. diff. D.D. 2nd \_\_\_\_\_

### STADIA SURVEY NOTES

AREA Teshkekuk STATE or PROVINCE ALASKA PAGE No. 36  
 LINE No.(s) 36X PARTY No. 184 DATE 19 Day 2 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR D. Young RODMAN F.M 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												171.1				
2																
3																
4		379.5		90-17.7 (0.09)	C			4.0	-1.5	-5.5		165.6		202		
5				89-57-25										0		Target
6																
7		478.5		89-54.25 (0.165)	C			3.9	+7.9	+4.0		175.1	0			Target on Hub
8																NR-25
9		483		88-07-03	C			3.9		-12.0		163.1				
10		165		89-59-00 (6')	C			17.0	+1.0	-11.0		152.1		203		
11		0						5.0								
12																
13																
14																
15		1155												204	+10'	from 205
16																
17																
18																
19		247.5		91-46-17	C			4.0		-80.5		144.1	0	205		
20																

OMIT  
 Refer Page 47 & 48

TI-388B

WORKED BY \_\_\_\_\_ CHECKED BY 1st Final elev. diff. DP. 2nd \_\_\_\_\_

### STADIA SURVEY NOTES

AREA Teshokpuk STATE or PROVINCE ALASKA PAGE No. 37  
 LINE No.(s) 36X PARTY No. 18A DATE 19 Day 2 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR D. YOUNG RODMAN F.M WEATHER: \_\_\_\_\_ 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																
2		2640		99-47-27		C			4.0		-5.3	138.8	144.9			
3																
4																
5																
6		1720		90-05-45		C			4.0						206	
7																
8																
9		0		—		—			5.9						207	
10																
11																
12																
13																
14		1320		90-06-36		C			4.0						208	
15																
16																
17																
18		2640		90-02-40		C			4.0		-6.0	132.8	138.8		209	
19																
20																

} OMIT  
Refer Page 47 & 48

**STADIA SURVEY NOTES**

AREA Teshokpak STATE or PROVINCE ALASKA PAGE No. 38  
 LINE No.(s) 367 PARTY No. 184 DATE 14 Day 2 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR D. Young RODMAN F.M. 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																
2	North	2594		91-27-08					4.0	<del>4.7</del> +69.7	154.8		A			
3																
4																
5																
6		1274													210	
7																
8																
9		294														
10	-	0		-					4.8	-4.8	150.0					
11																
12	South	4006		90-05-47		C			2.0	-9.1	145.7					
13				269-53-35		C			2.0							
14																
15		0							4.8	+4.8	150.5		A			
16		330														
17		660														
18		990														
19	North	1320		90-55-19 (1.6')		C			4.0	-21.3	-25.3	125.2			213	
20																

No rod reading  
 shot on stake  
 Forward & stake  
 as back sight  
 OMIT - Refer  
 Page 47 & 48  
 EDGE OF BANK  
 Target SP-210+1274  
 N2-26-2.7 h. Ridge  
 Target  
 N2-27

**STADIA SURVEY NOTES**

AREA Tashekpuuk STATE or PROVINCE ALASKA PAGE No. 39  
 LINE No.(s) 36 X PARTY No. 184 DATE 14 Day 2 Mo. 20 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR D. Young RODMAN F.M. 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												150.5				
2																
3																
4	North	2640		90-15-02 (0.94)	C			4.0	-11.6	-15.6		134.9		212		
5																
6																
7																
8	North	3960		89-57-11 (0.09)	C			4.0	+3.6	-0.8		150.1		211		
9																
10	South	660		89-18-01	C			4.0	+4.1			154.6	O		Target at 214+660	
11	✓	✓		270-42-00	C			4.0				O				
12																
13		0		—	—			5.0		+5.0		159.6			214+660	
14																
15	South	660		90-13-52	C			4.0	-6.7			152.9	O	215		
16	✓	✓		262-45-45	C			4.0				O				
17																
18																
19																
20																

TI-5808

WORKED BY \_\_\_\_\_ CHECKED BY 1st Finl Jarriff D.D. 2nd \_\_\_\_\_



### STADIA SURVEY NOTES

AREA Teshkekruk STATE or PROVINCE ALASKA PAGE No. 40  
 LINE No.(s) 36 X PARTY No. 184 DATE 14 Day 2 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR D. Young RODMAN F.M. WEATHER: \_\_\_\_\_ 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	Correction	Center Hair			INST.	ROD			
1																
2		0		—							+5.3	158.2	152.9			↑
3																
4																
5																
6		1320		91-24-20 (2.45)					4.0	-32.3	-36.3		121.9		216	
7																
8																
9																
10	South	2640		90-40-00		C			5.8		-36.6		121.6		217	
11	✓	✓		269-19-42		C			5.8							
12																
13			0													
14	✓			270-43-56		C			4.6		+4.6	126.2				
15	South	660		89-15-36		C			4.0							
16	South	660		270-43-56		C			4.0		+4.5		130.7			
17	✓		0													
18																
19																
20																

TI-3886

WORKED BY \_\_\_\_\_ CHECKED BY 1st Final elev. diff. D.D. 2nd \_\_\_\_\_

**STADIA SURVEY NOTES**

AREA Teshokuk STATE or PROVINCE ALASKA PAGE No. 41  
 LINE No.(s) 36X PARTY No. 184 DATE 1A Day 2 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR D. Young RODMAN F.M. 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																
2	North	990		90°4-30		C			4.0	+5.3	136.0	130.7				
3	✓	✓		269-55-30		C			4.0						Δ	
4																
5		330		92-38-52 (9.62)		C			15.0	-15.2	-30.2	105.8		218		
6		0							5.4							
7		0														
8																
9	South	990		91-06-47		C			4.5	-23.8		112.2		219	Hub.	
10	✓	✓		268-52-55		C			4.5						0	✓
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

TI-5885

WORKED BY \_\_\_\_\_ CHECKED BY 1st F. M. Young elev. diff. DD 2nd \_\_\_\_\_

**STADIA SURVEY NOTES**

AREA taslakpuh STATE or PROVINCE Alaska PAGE No. 42  
 LINE No.(s) 36X PARTY No. 184 DATE 15 Day 2 Mo. 25 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR D. Young RODMAN F. MORRIS WEATHER: Clear Sunny - 40° F P.T.S. No. \_\_\_\_\_

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Center Hair	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				INST.	ROD			
1												112.2			Take off SP-219	
2	South	1650		70-52-07		C		4.5	+29.0	+27.5	} 141.7		Δ		Δ	
3	✓	✓		269-08-05		C		4.5						Δ		
4		1320														
5		990														
6		660														
7		330		91-AR-12(3.14)		C		4.0	-10.4	-14.4		127.3		SP-220		
8		0						5.0								
9		330														
10	North	660		89-06-59		C		4.0		+6.1	} 147.8		○			
11	✓	✓		70-52-35										○		
12																
13	South	2640		90-51-41		C		4.0		+43.6	} 191.4		Δ			
14	✓	✓		269-08-29		C		4.0						Δ		
15		2310		91-08-55(2.01)		C		4.0	-46.4	-50.4		141.0		SP-221		
16																
17																
18																
19		990		91-41-55(2.97)		C		4.0	-29.4	-33.4		158.0		222		
20																

TI-5885

WORKED BY \_\_\_\_\_ AD CHECKED BY 1st Final elev. diff. DD 2nd \_\_\_\_\_

**STADIA SURVEY NOTES**

AREA Teshkepvuk STATE or PROVINCE ALASKA PAGE No. 43  
 LINE No.(s) 36 X PARTY No. 184 DATE 15 Day 2 Mo. 25 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR D. Young RODMAN F.M. 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												191.4				
2		230														
3		0		—		—										
4		330		90-47-21	(1.38)	C							182.8	SP-223		
5		660														
6		990														
7		1320														
8		1485		70-15-22	(0.39)	C										
9		1650											183.6	SP-224	11-60 from	
10																
11																
12																
13	South	2270		70-02-47		C							184.6	SP-225		
14	✓	✓		27-56-22		C										
15																
16	North	1320		70-24-58		C										
17	✓	✓		267-34-52		C							201.2			
18																
19																
20																

TI-588B

WORKED BY \_\_\_\_\_ NO CHECKED BY 1st Fairal Elev. diff. J.D. 2nd \_\_\_\_\_

**STADIA SURVEY NOTES**

AREA Teshkeput STATE OR PROVINCE ALASKA PAGE No. 44  
 LINE No.(s) 36 X PARTY No. 184 DATE 15 Day 2 Mo. 25 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR D. Young RODMAN F.M. WEATHER: \_\_\_\_\_ 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												201.2				
2		0		-					4.8	-4.0		196.4	✓	SP-224	= N2-35	
3																
4																
5																
6	South	1320		90-32-31					4.0	-16.6		184.6	0	SP-227		
7	✓	✓		269-27-02									0			
8																
9	N.	660		87-28-30					4.0	-2.0		182.6				
10		0														
11																
12																
13	S.	660		91-50-41					4.0	-25.3		157.3	0	SP-228		
14																
15		1220		89-04-38					4.0	-15.6		141.7				
16																
17		540		91-10-09					2.0							
18																
19		0							50							
20		100		96-10-10 (10.68)					4.0	-10.7	-14.7	127.0		SP-229		

TI-588B

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**STADIA SURVEY NOTES**

AREA Teshukpak STATE or PROVINCE ALASKA PAGE No. 45  
 LINE No.(s) 367 PARTY No. 184 DATE 15 Day 2 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR D. Young RODMAN F. M. WEATHER: \_\_\_\_\_ 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												141.7				
2				✓												
3		<del>5700</del>														
4		700		90°46'30"		C			4.0	-13.5		128.7	0			
5																
6		720		88°07'56"		C			4.0	-19.5	103.9		A			
7											108.7					
8																
9		0							5.2			103.2		SP-230		
10																
11																
12																
13		1320		90°09'34" (0.275)		C			4.0	-3.7	-7.7	101.0	0	SP-131		
14																
15																
16																
17																
18																
19																
20																

11-688B

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**STADIA SURVEY NOTES**

AREA NPR-4 STATE OR PROVINCE Alaska PAGE No. 4 B  
 LINE No.(s) 36 PARTY No. Z 1184 DATE 15 Day 2 Mo. 1973 Yr. BOOK No. 1  
 SURVEYOR Art Jensen RODMAN David Dusdal WEATHER: clear-very cold -5 P.T.S. No. \_\_\_\_\_

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Center Hair	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				INST.	ROD			
1												103.7		SP-230		
2																
3																
4	N	1320		89 54 22				+0.0		-2.2	106.6		Δ		{sighting center of Dale Young's inst. set up over SP-230	
5															SP-231	
6		0		✓				-5.2		-5.2						
7																
8	S	1320		✓				-7.9		-7.9		98.6		SP-232		
9																
10	S	2640		90 08 00				-4.0		-10.1		96.4	○	SP-233		
11																
12	N	2640		89 58 08				+4.0		+2.2	99.0		Δ			
13																
14	N	1320		90 02 12				-4.0		-4.8		94.2		SP-234		
15																
16		0		✓				-5.3		-5.3		93.7		SP-235 - on ice		
17																
18		0						-1.7		-1.7		97.3		Also N2-37		
19															Tap of Iron Rod	
20															Point on Target left at this point is 4.4 ft. above the ice	

TI-589B

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Re - RUN

STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. ~~46~~ 47  
 LINE No.(s) 36X PARTY No. 184 DATE 17 Day 2 Mo. 75 Yr. BOOK No. 1  
 SURVEYOR D. Young RODMAN F.M. WEATHER: Ice fog - 50° F. 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.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2	South	450		88-57-49		C			5.3		-3.6	1274	150.0	⊙	210	Take off top of 50' target at 210/1274
3														Δ		Hub missing
4		0		—		—			5.2							target 5' ground
5																5.0 new hub
6																EDGE of Bank
7	North-22A	870		91-57-48		C			4.0		-60.8		85.6	⊙	210	
8																
9	South	2640		89-59-22		C			4.0		+3.5	189.1		Δ		
10																
11																
12																
13		1320		91-01-27	.04	C			4.0	-4.5	4.5		84.6		209	
14																
15																
16																
17		8		—		—			5.1				84.0		208	
18																
19																
20																

TI-588B

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Re-run

STADIA SURVEY NOTES

AREA N.P.R-4 STATE or PROVINCE ALASKA PAGE No. 48  
 LINE No.(s) 36X PARTY No. 1A4 DATE 17 Day 2 Mo. 75 Yr. BOOK No. 1  
 SURVEYOR D. Young RODMAN F.M. WEATHER: -50° F. P.T.S. No. \_\_\_\_\_

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Δ B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												89.1				
2		1320		90-09-15	17	C			-4.0	-0.9	-4.9	84.2			207	
3																
4																
5																
6	North	2640		90-01-29		C			4.0		-5.1	84.0	⊙		206	
7																
8	South	1320		90-00-46		C			4.0		+9.3	88.3		Δ		
9																
10																
11																
12		0		-		-			5.2			83.2			205	
13																
14																
15																
16	North	1320		89-20-15		C			4.0		+11.3	99.6	⊙		204	
17																+25.1 D.H.
18		825		92-27-53		C			4.0		+53.8	153.4		Δ		
19		0		-		-			5.0							
20		815		90-12-02		C			3.9		+21.7	175.1	⊙			

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 to Page 36 - Line 7

### STADIA SURVEY NOTES

AREA NPR. 4 STATE or PROVINCE ALASKA PAGE No. 1  
 LINE No.(s) 36. PARTY No. 106 DATE 7 Day 3 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LITMAN. RODMAN L. H WEATHER: COOL / 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	Correction	Center Hair			INST.	ROD			
1												94.2	0	234.	PT. 184	
2																
3	N	1320	-									98.5				
4		0	-											235	PT. 184	
5	S.	1320	-									93.2		236	FLAT PLAIN	
6		2640	-									94.2	0	237		
7		✓		270-10	+0.29							4.2				
8		1320	-									4.2				
9	N	✓		270-10	+0.29							4.2				
10		0	-													
11	S	1320		88-40	+2.33							94.4		238.	FLAT	
12		1480		86-40	+5.80							122.5		239.	FLAT SIDE HILL.	
13		✓		273-10	+5.52							176.8	0		TOP of HILL.	
14		2475	-													
15		✓		230-10	+0.29							4.5				
16	N	1320	-											181.3		
17		0	-													
18	S.	1320		+1/2								170.0		240.		
19		2475		89-30	+0.87							176.2		241.		
20		✓		270-31	+0.90							183.7		242.		
												191.8	0			
												4.2				
												2.4				
												10.5				
												10.2				

TI-888B

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L. G. L.

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### STADIA SURVEY NOTES

AREA N.P. 4. STATE OR PROVINCE ALASKA PAGE No. 2  
 LINE No.(s) 36. PARTY No. 186. DATE 7 Day 3. Mo. 75. Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN RODMAN L. H. WEATHER: 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												191.8	0			
2		2800		29-10	+1.45			6.7	40.6	32.9	157.9			Δ		
3		✓		270-58	+1.69			13.2	47.3	34.1				ck		
4		2640		270-30	+0.87			12.0	23.0	10.0		167.8			243.	
5	N	1320		261-55	0.15			3.0	2.0	5.0		152.8			244	
6		0	-					5.1				152.7			245.	
7	S	1320		270-07	+0.21			3.0	2.8	0.2		157.6			246	
8		2640		89-40	+0.58			8.0	13.3	7.3		165.1	0		247	
9		✓		270-22	+0.76			12.7	20.1	7.4				ck		
10		475		71-00	1.74			14.5	8.6	23.1	188.3			Δ		
11	N	✓		268-00	3.49			6.0	17.3	23.3				ck		
12		0	-					5.1				183.2			-	
13	S	830	-					5.1				183.2			248	TARGET.
14		2150	-					7.5		7.5		180.6	0		249.	
15		✓		270-10	+0.29			14.0	6.2	7.8				ck		
16																
17																
18																
19																
20																

TI-588B

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### STADIA SURVEY NOTES

AREA APR. 4 STATE OR PROVINCE ALABAMA PAGE No. 24-3  
 LINE No.(s) 36 PARTY No. 186 DATE 7 Day 2 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN. RODMAN L. H. WEATHER: CLEAR. 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	Correction	Center Hair			INST.	ROD			
1																
2		2140		89-40	+0.58			2.4	15.3	11.9	168.7	180.6	0	249.		
3		✓		270-30	+0.87			11.3	23.0	11.7			CK			
4	N.	1320		+1/2				8.0	6.6	1.4		167.3		250		
5		0						5.1				163.6		251.		
6	S.	1320		89-30	+0.87			4.5	17.5	7.0		175.7		252.		
7		1640		89-30	+0.87			4.4	14.3	7.9		178.4	0		TOP of HILL.	
8	✓			270-40	+1.16			7.5	19.0	7.5			CK			
9		2300		88-10	+3.20			8.0	73.6	65.6	112.8		Δ			
10	✓			272-00	+3.49			14.1	80.3	65.7			CK			
11	N	1320		269-56	+0.12			5.0	1.6	4.6		168.2		253	BOTTOM.	
12		0						5.1				107.7		254		
13	S.	1320		+1/2				5.8	6.6	0.8		113.6		255.		
14		1960		88-20	+2.91			7.0	57.0	50.0		162.7	0		TOT of HILL.	
15	✓			271-50	+3.20			17.0	62.7	49.7			CK			
16																
17																
18																
19																
20																

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**STADIA SURVEY NOTES**

AREA APR 4 STATE or PROVINCE ALASKA PAGE No. 4  
 LINE No.(s) 36 PARTY No. 106 DATE 7 Day 3 Mo. 25 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN RODMAN L. H. WEATHER: 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	Correction	Center Hair			INST.	ROD			
1												122.7	0			TOP of HILL
2		✓ 1770	-						7.8		7.8	172.5		Δ		
3		✓		270-06	+0.18				17.4	3.5	7.8			CK.		
4	N	1320	-						11.5			161.0			256	
5		0	-						5.1			167.4			257	TARGET.
6	S.	990	-						12.0		12.0	160.5		0		
7		✓		269-40	0.58				6.4	5.7	12.1			CK.		
8		1650		88-70	+2.62				2.1	43.2	41.1	119.4		Δ		
9		✓		271-50	+3.20				11.7	52.8	41.1			CK.		
10	N	1320		271-00	+1.74				5.6	25.0	17.4	136.8			258	
11		0	-						5.1			114.3			259.	
12	S	1320	-						5.8			115.6			260	
13		2140		+1/2					12.5	13.2	0.7+	120.2	0		261.	
14		✓		270-05	+0.15				3.1	4.0	0.9 <sup>OP</sup>			CK.		
15		2140		89-50	+0.29				11.6	7.7	7.9+	124.0		Δ		
16		✓		270-06	+0.18				8.4	4.8	3.6 <sup>3.8</sup>			CK.		
17	N	1320	-						2.0			122.0			262.	
18		0	-						5.1			118.9			263.	
19	S.	1320	-						2.1		5.1 <sup>5</sup>	120.7	0		264	TARGET.
20		✓		270-10	+0.29				7.2	3.8	3.4 <sup>3.5</sup>			CK.		

TI-888B

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L. J. C.

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2nd

### STADIA SURVEY NOTES

AREA \_\_\_\_\_ STATE or PROVINCE ALASKA PAGE No. 5.  
 LINE No.(s) 36 PARTY No. 186. DATE 7. Day 3. Mo. 75. Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. L. MAN RODMAN L.H. WEATHER: 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	Correction	Center Hair			INST.	ROD			
1												120.7	0	264.		
2		2640		29.30	+0.27				11.5	23.0	11.5	109.2				
3		✓		270-24	+0.70				7.1	18.5	11.4			CK.		
4	H	1320	-						5.1			104.1		265.		
5		0	-						5.1			104.1		266.		
6	S	1320	-						4.6			104.6		267.		
7		2640	-						4.6		4.6	104.3	0	268.		
8		✓		270-10	+0.27				12.8	7.7	5.1			CK		
9		270	-						6.4		6.4	110.7				
10	N.	✓		270-20	+0.58				8.1	1.6	2.5			CK.		
11																
12		0	-						5.1		5.1	105.6	0	269.	LINE 36	
13															LINE 59.	
14																
15	W.	470	-						6.2		6.2	104.5.		SP.	59-222	
16																
17																
18																
19																
20																

TI-588B

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STADIA SURVEY NOTES

WILDT 167319

AREA N77.4. STATE or PROVINCE ALASKA PAGE No. 6.  
 LINE No.(s) 36 - PARTY No. 186. DATE 6. Day MAR. Mo. 75. Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN. RODMAN L. HEMP HILL WEATHER: 1740. 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		1310		70-30	0.87							103.5	⊙	260		
3		1000		90-30	0.87						126.9		Δ			
4	H.	✓		269-20	1.16									105.6	E.	LINE 34.
5		0	-											121.8	CK.	LINE 59.
6	S.	1330	-											123.2		269
7		2150	-											121.8	⊙	270
8		✓		270-10	0.29									5.8		271
9		730		90-30	0.87									7.7	CK.	
10	H.	✓		269-40	0.58									12.0	Δ	
11		0	-											12.4	CK.	
12	S	580		70-40	1.16									14.2		Top of Knob.
13		1900		90-30	0.87									5.1		
14		✓		269-40	0.58									14.0		
15														6.7		
16														25.7		
17														119.7		272.
18														4.8		
19														16.5		
20														21.3	⊙	273.
														9.5	CK.	

11-588B

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STADIA SURVEY NOTES

AREA N.P.R. 4. STATE OR PROVINCE ALASKA PAGE No. 7  
 LINE No.(s) 36 PARTY No. 186 DATE 6 Day MAR. Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN RODMAN L. WEATHER: MILD. P.T.S. No. \_\_\_\_\_

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction				INST.	ROD			
1												117.5	0	273.		
2		830	-					8.0		8.0	127.2		Δ			
3	N	✓		269-50	0.29			5.1	2.4	7.5			CK.			
4		0	-					5.1				122.1		-		
5	S	490	-					10.7				116.5		274.		
6		1820	-					7.8				117.4		275.		
7		✓		270-10	0.29			12.3	+5.3	-7.0		120.2				
8		2480	-					6.3		6.3		121.5	0			
9		✓		270-02	0.06			6.5	1.5	5.0			CK.			
10		2460	-					11.7		11.7	132.5		Δ			
11		✓		269-50	0.29			8.1	7.1	10.2			CK.			
12		1840		269-30	0.27			10.0	12.0	26.0		106.5		276		
13	N	500		269-20	1.16			9.4	5.8	15.2		117.3		277		
14		0	-					5.1				127.4		-	Known.	
15	S	820		71-00	1.74			11.3	14.3	25.6		106.9		278.		
16		2140		-1/2				4.5	10.7	15.2		117.9	0	279.		
17		✓		269-50	0.29			7.8	6.2	14.0	14.6		CK.			
18																
19																
20																

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STADIA SURVEY NOTES

AREA APR 4 STATE OR PROVINCE ALASKA PAGE No. 10  
 LINE No.(s) 36 PARTY No. 186 DATE 6 Day MAR. Mo. 75 Yr. BOOK No.  
 SURVEYOR L. L. MAN. RODMAN L. HEMPHILL WEATHER: MILD. P.T.S. No.

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		ABS. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion				INST.	ROD			
1												117.9	0	279.		
2		2640	-					5.2		5.8	123.0		A			
3		✓		270-10	+0.29			12.1	7.7	4.4			CK.			
4	N	1320	-					9.0			113.2			280		
5		0	-					5.1			117.9			281		
6	S	1320	-					4.5			118.5			282		
7		2640	-					5.3		5.3	118.2	0		283.		
8		✓		270-10	+0.29			11.9	7.7	4.2			CK.		287-284.	
9		1305	-					7.3		7.3	125.2		A		"DETOUR."	
10	N	✓		270-20	+0.58			14.2	7.5	2.7			CK.			
11		0	-					5.1			120.1			284.		
12	S.	1320		+1/2				7.7	6.6	1.1	124.1			285.		
13		1860		09-20	+1.16			6.4	2.6	15.2	140.8	0				
14		✓		270-50	+1.45			11.0	27.0	16.0			CK.			
15																
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA NPR 4. STATE OR PROVINCE ALASKA. PAGE No. 7.  
 LINE No.(s) 36. PARTY No. 186. DATE 6. Day 3. Mo. 75. Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN. RODMAN L. H. WEATHER: CLEAR. P.T.S. No. \_\_\_\_\_

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Center Hair	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				INST.	ROD			
1												140.8	0		TOP of BANK.	
2		2105		89-20	+1.16			12.2	27.4	12.2	128.6		A			
3		✓		270-32	+0.93			7.4	17.5	12.1			CK			
4	N	1320		269-50	-0.29			14.0	3.8	17.8		110.8		286	DITCH 5' BOOST	
5		0	-					5.1				123.5		287		
6	S	1320	-					5.2				123.4		288.		
7		2640	-					6.7		6.7		121.8	0	289		
8		✓		270-09	+0.26			13.9	6.9	7.0				CK		
9		1820	-					7.1		7.1	128.9		A			
10		✓		270-10	+0.29			12.4	5.3	7.1				CK		
11	N	495	-					10.7				118.2		290		
12		0	-					5.1				123.8		-		
13	S.	820	-					6.0				120.9		291.	BOTTOM of HILL	
14		1150		88-20	+2.91			4.7	37.5	28.8		157.6	0			
15		✓		272-00	+3.49			11.5	40.1	28.6				CK		
16		2300		90-30	-0.87			12.7	25.0	32.7	190.3		A			
17		✓		269-20	-1.16			6.0	26.7	32.7				CK		
18	N.	1320		268-40	-2.33			6.7	30.8	37.5		152.8		292		
19		0	-					5.1				185.2		293.		
20																

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### STADIA SURVEY NOTES

AREA NPR. 4. STATE OR PROVINCE ALASKA. PAGE No. 10.  
 LINE No.(s) 26. PARTY No. 106. DATE 6. Day 7. Mo. 75. Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN. RODMAN L. H. WEATHER: 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												190.3				
2	S.	1720		89-52	+0.23				10.0	3.0	7.0	183.3		294.		
3		2640		89-50	+0.29				4.6	7.7	3.1	193.3	0	295.		
4		✓		70-20	+0.58				12.5	15.2	2.8			CK.		
5		2800	-						6.0		7.0	199.5		Δ		
6		✓		270-10	+0.29				14.4	2.1	2.3			CK.		
7		1435		-12					9.7	7.4	17.1	182.4		296.		
8		165	-						8.0			191.5		297		
9		0	-						5.1			194.4		-		
10	S.	1155		90-40	-1.16				12.7	13.4	26.1	173.4		298.		
11		1960		90-30	-3.27				12.8	17.1	27.9	171.4	0			
12		✓		267-34	-0.76				13.6	14.9	28.5	28.1		CK.		
13																
14																
15																
16																
17																
18																
19																
20																

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### STADIA SURVEY NOTES

AREA \_\_\_\_\_ STATE or PROVINCE ALK. PAGE No. 11.  
 LINE No.(s) 36 PARTY No. 186 DATE 9 Day 3 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN RODMAN L.H. WEATHER: CLEAR. P.T.S. No. \_\_\_\_\_

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		ABS. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction				INST.	ROD			
1												171.4	0			
2		1210	-					+6.4		+2.4	177.8		Δ			
3		✓		270-10	+0.29			+4.2	5.2	+2.4			CK			
4	∠	1320		-1/2				17.5	6.6	20.1		157.7		299.		
5		0	-					5.1				172.7		300.		
6	S.	1320		+1/2				7.1	6.6	0.5		177.3		301.		
7		2310		89-50	+0.29			11.7	2.7	5.0		172.8	0			
8		✓		270-14	+0.41			14.5	9.5	5.0			CK			
9		1910	-					12.2		12.3	115.1		Δ			
10		✓		269-50	-0.29			6.7	5.7	12.4			CK			
11		1640		-1/2				12.0	8.2	20.2		164.7		302		
12															RIVER, BANKS.	
13	∠	330		267.40	-4.07			8.9	13.4	22.3		162.8		303		
14		0	-					5.1						-		
15	S.	990		70-40	+1.16			12.3	11.5	23.8		161.3		304.		
16		2300		89.40	+0.58			10.0	13.3	3.3		188.4		305		
17		2465		89.30	+0.87			4.4	2.4	17.0		201.9	0			
18		✓		270-40	+1.16			12.0	28.6	12.16			CK			
19																
20																

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### STADIA SURVEY NOTES

AREA NP12 4. STATE OR PROVINCE ACK. PAGE No. 12.  
 LINE No.(s) 36. PARTY No. 186. DATE 1. Day J. Mo. 75. Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN. RODMAN L. H. WEATHER: CLEAR. P.T.S. No. \_\_\_\_\_

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction				INST.	ROD			
1												201.9	⊙			
2		1805		89-30	+0.87			4.0	15.7	11.7	190.2		Δ			
3		✓		270-40	+1.16			9.3	20.9	11.6			CK.			
4	N	160	-					7.0				183.2		306		
5		0	-					5.1				185.1		-		
6	S.	160		89-00	+1.74			8.5	11.5	3.0		193.2		307.		
7		1210		88-50	+2.04			7.7	24.7	21.0		211.2	⊙		TARGET	
8		✓		271-20	+2.33			7.1	28.2	25.1			CK		HILL TOP.	
9		2080	-					3.7			215.1		Δ			
10		✓		270-10	+0.29			10.0	6.0	4.0			CK.			
11	N	1320	-					12.9				202.2		308		
12		0	-					5.2				209.9		309		
13	S.	1320	-					0.2				214.9		310		
14		1970		+1/2				7.9	7.9	+0.05		214.8	⊙			
15		✓		270-20	+0.58			12.1	11.4	0.7			CK.			
16		1970		89-40	+0.58			4.5	11.4	6.9	207.8		Δ			
17		✓		270-30	+0.87			10.0	17.1	7.1			CK.			
18	N	1320	-					5.0				202.8		311.		
19		0	-					5.1				202.7		312		
20																

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### STADIA SURVEY NOTES

AREA \_\_\_\_\_ STATE or PROVINCE ALK. PAGE No. 13.  
 LINE No.(s) 36. PARTY No. 186. DATE 9. Day J. Mo. 75. Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN. RODMAN C. H. WEATHER: CLEAR. P.T.S. No. \_\_\_\_\_

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		ABS. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion				INST.	ROD			
1																
2	S.	1320		+42				3.1	6.6	3.5		207.8				
3		2640		89-34	+0.76			12.3	20.1	7.8		211.3		313.		
4		✓		270-27	+0.79			13.8	20.9	7.1		215.2	o	314.		
5		2640		-12				3.9	13.2	17.1		232.3				
6	✓			229-50	-0.29			9.5	7.7	17.2						
7	N	1320		-12				13.9	6.6	20.5				211.8		315.
8								5.1						227.2		316.
9	S	<del>480</del> 480						6.6		4.6				227.7	o	
10		✓		270-40	+1.16			12.3	7.7	4.6					ck	LINE 36 LINE 63.
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

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### STADIA SURVEY NOTES

AREA N.P.R. 4. STATE OR PROVINCE ALASKA PAGE No. 14.  
 LINE No.(s) 36 PARTY No. 186 DATE 2 Day 3 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LTMAN RODMAN L. H. WEATHER: 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												228.7	0	323	TAIL - SPREAD	
2		2640		89-20	1.16				11.5	30.6	19.1	209.6	A			
3	S.	1220		89-30	0.87				6.5	11.5	5.0	214.2		<del>324</del>	322 T.S	
4		0	-						5.2			204.4		321	T.S.	
5	N	1320	-						2.2			207.0		320	T.S.	
6		2640		+1/2	1				1.4	13.2	11.8	221.4	0	319	T.S.	
7	S.	1320		89-40	0.58				9.5	7.7	1.8	223.2	A			
8		0	-						5.1			218.1		318		
9	N	1320	-						6.9			216.3		317		
10		1980		+1/2					5.4	9.9	4.5	227.7	0		LINE 36	
11		✓		270-20	0.58				7.1	11.5	4.4		CK		LINE 43.	
12																
13																
14																
15																
16																
17																
18																
19																
20																

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D.B.

2nd

### STADIA SURVEY NOTES

AREA \_\_\_\_\_ STATE or PROVINCE PK PAGE No. 15.  
 LINE No.(s) 36 PARTY No. 186 DATE 5 Day 5 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. J. MAN RODMAN G. C. WEATHER: MILD 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												204.7	0	321		
2		2640		-1/4				+12.3	+13.2	+25.4	230.3		Δ			
3		✓		269.40	0.58			15.0	15.3	25.3			CK			
4	S.	1320		269.30	0.87			14.9		-26.4		203.9		320		
5		0						5.3		-5.3		225.0		319		
6	N	1770						8.3		-8.3		222.0		318		
7		2640						13.7		-13.7		216.6		317		
8		2970						2.3		2.3		227.7	0			
9		3300		270-10	0.29			12.4	+9.6	2.8	2.6		CK			76 65.
10		3300														RE PAGE 13. LN 36.
11																ELV'S WORKED BACK.
12																
13																
14																
15																
16																
17																
18																
19																
20																

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### STADIA SURVEY NOTES

AREA \_\_\_\_\_ STATE or PROVINCE AK. PAGE No. 16.  
 LINE No.(s) 36. PARTY No. 126 DATE 5. Day 5. Mo. 75. Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN. RODMAN S. C. WEATHER: MILD. 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	Correction	Center Hair			INST.	ROD			
1												247.1	o	328.		
2		2640		90.04	0.12				12.2	3.2	16.4	18.6	263.7	Δ		
3		✓		269.57	.09				14.4	2.4	16.8			CK		
4	S.	1320	-						14.5		-14.5		249.2		327.	
5		0	-						5.3		-5.3		258.4		326.	
6	N	1320		91.05	1.74				6.1		-29'		234.6		325.	
7		2640		90.40	1.16				8.3	30.6	38.9	39.0	224.7	o	329.	
8		✓		269.26	0.99				13.1	26.1	39.2			CK		
9		1320		89.20	1.16				11.8	15.3	3.5	221.2		Δ		
10	S.	✓		270.46	1.34				14.2	17.7	3.5			CK		
11		0	-						5.3		-5.3		215.9		323	
12	N	1320													322.	
13		830		-1/2					12.7	-4 <sup>2</sup>	-16 <sup>9</sup>		204.3		322.	offset.
14		1320		-1/2					7.8	-6	-16 <sup>4</sup>		204.8		322.	
15		2640		90.10	0.29				8.6	7.7	16.3		204.9	o	321.	
16		✓		269.58	.06				14.8	1.6	16.4			CK		
17																
18																
19																
20																

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L. J. L.

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2nd

### STADIA SURVEY NOTES

AREA \_\_\_\_\_ STATE or PROVINCE AK PAGE No. 17  
 LINE No.(s) 36 PARTY No. 186 DATE 5 Day 5 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN RODMAN C.C. WEATHER: NIL 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												266.3	⊙			
2		2340		89-30	0.87			5.2	20.4	15.2		251.3	Δ			
3		✓		270-40	1.16			12.2	27.1	19.9	15.0		CK			
4	S.	1320	-					13.7		-13.9		232.4		335		
5		0	-					5.3		-5.3		246.0		334		
6	N	1320	-					6.6		-6.0		244.7		333		
7		2190		+1/2				2.0	+13.2	+11.2		262.5		332		
8		2805		89-30	0.87			2.3	+24.4	22.1		273.3	⊙			
9		✓		270-40	1.16			10.6	+32.5	21.9	22.0		CK			
10		2475		+1/2				6.0	12.4	6.4	6.3	267.0	Δ			
11		✓		270-20	0.58			8.3	14.4	6.1			CK			
12	S.	1320	-					5.6		-5.4		261.4		331		
13		0	-					5.3		-5.3		261.7		330		
14	N	1320	-					5.1		-5.1		261.9		327		
15		2640		90-06-19	0.18			15.0	4.8	12.8	17.9	247.1	⊙	328		
16				<del>269-54-13</del>				15.0	5.0	20.0			CK			
17		✓		269-53-22	0.19											
18																
19																
20																

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### STADIA SURVEY NOTES

AREA \_\_\_\_\_ STATE or PROVINCE AK. PAGE No. 18.  
 LINE No.(s) 3C. PARTY No. 186. DATE 5. Day 5. Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LITMAN. RODMAN G.C. WEATHER: MILD. 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	Correction	Center Hair			INST.	ROD			
1												372.6	⊙	342		
2		264.		+12				9.8	13.2	3.4		369.4	Δ			
3		✓		270-20	0.58			12.2	15.3	3.1			CK			
4	S.	1320		269-20	1.16			13.1		-28 <sup>5</sup>		340.7		341.		
5		0	-					5.3		-5 <sup>3</sup>		364.3		340.		
6	N	1320	-					14.2		-14 <sup>3</sup>		355.1		339.		
7		1215		90-20	0.58			14.8	10.5	25.3		344.1	⊙			
8		✓		269-35	0.73			12.1	13.3	25.4			CK			
9		1740		87-30	4.36			8.7	35.9	67.2	57.	287.1	Δ			
10		✓		272-40	4.65			14.1	20.9	22.8			CK			
11	S.	905		272-40	4.65			5.8		+3 <sup>1</sup>		313.2		338		
12		0	-					5.3		-5 <sup>3</sup>		271.8		-		
13	N	420		98-51-40	15.22			3.8		-18 <sup>5</sup>		208.6		337	} NOT - DRILLED DEEP CREEK VALLEY.	
14		1720		92-03-54	3.60			3.8		-65 <sup>8</sup>		211.3		336		
15		7000	-					10.0		10.8		266.3	⊙			
16		✓		269-50	0.29			5.1	5.9	10.9			CK			
17																
18																
19																
20																

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### STADIA SURVEY NOTES

AREA \_\_\_\_\_ STATE or PROVINCE AK PAGE No. 19  
 LINE No.(s) 36 PARTY No. 186 DATE 6 Day 5 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LITMAN RODMAN G. C. WEATHER: MILD. 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													347.5	⊙		
2		1815		-1/2				+12.9	+9.1	+27.0		370.5		Δ		
3		✓		269-40	0.58			+12.6	+10.5	+23.1				CK		
4	S.	1320		269-20	1.16			11.4		-22.9			347.6		347	
5								-5.3		-5.3			365.2		347	
6	N	1320		+1/2				+4.5	+6.6	+2.1			372.6	⊙	342	
7		✓		270-20	0.58			-5.7	+7.7	+2.0				CK		
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
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**STADIA SURVEY NOTES**

AREA \_\_\_\_\_ STATE or PROVINCE AK PAGE No. 20  
 LINE No.(s) 36 PARTY No. 186 DATE 6 Day 5 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. ZMAN RODMAN G. C. WEATHER: MILB. 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	N	330	-						10.2		10.2		347.8	0		
2		✓		269-50	0.29				9.3	1.0	10.3			CK		
3		2640		+1/2					2.6	13.2	10.6	10.5	337.3	Δ		
4		✓		270-20	0.58				4.9	15.3	10.4			CK		
5		1485		266-38	30 5.86				15.0		-102		235.3		350	CREEK 200 NORTH
6	S.	165	-						14.0		-14°		323.3		349	
7		0	-						5.3		-5°		332.0		-	
8		1155		28-40	2.38				12.7	26.9	14.2		351.5	0	348	2 36/69. REPEAT
9		✓		271-24	2.44				14.0	28.2	14.2			CK		L-18 P-9
10		2800		89-30	0.87				4.4	24.4	15.0		326.5	Δ		LINE 69
11		✓		270-26	0.76				6.2	21.3	15.1			CK		
12		1485	-						1.8		-10		334.7		347	
13	S.	165	-						10.5		-105		326.0		346	
14		0	-						5.4		-59		331.1		-	
15	N	1155		29-20	1.16				5.2		498		346.3		345	
16		1980		29-20	1.12				11.9	23.0	11.1		347.5	0		
17		✓		270-44	1.28				14.4	25.3	10.9	11.0		CK		
18																
19																
20																

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L. J. C.

CHECKED BY 1st RDD

2nd

### STADIA SURVEY NOTES

AREA \_\_\_\_\_ STATE or PROVINCE AK. PAGE No. 21.  
 LINE No.(s) 36 PARTY No. 126 DATE 6 Day 5 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN RODMAN G.C. WEATHER: MILD. 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		2640		28-30	2.62				+			419.1	0	360		
3		✓		271-40	2.71				7.7	69.2	65.5	65.2	353.9	Δ		
4	S	1320		271-30	2.62				11.9	76.2	64.9			CK		
5		0	-						9.2	+34.6	+25.4		379.3		359.	
6	N	1320		92-00	2.47				5.3				348.6		358.	
7		2640		90-40	1.16				6.7	-46.1	52.8		301.1		357.	
8		✓		269-16	1.28				17.3	30.6	43.9	77.0	309.9	0	356.	
9		1320		70-20	0.58				10.4	33.8	47.2			CK		
10	S	✓		269-48	0.35				11.3	7.7	17.4	329.3		Δ		
11		0	-						14.9	+4.6	17.5			CK		
12	N	1320		91-50	3.20				5.3				324.0		355.	
13		2640		90-30	0.87				14.0	-42.2	56.2		273.1		354	
14		✓		269-38	0.64				6.4	23.0	29.4		299.9	0	353.	
15		2475		91-00	1.74				12.4	16.9	29.3			CK		
16		✓		268-50	2.04				17.8	+43.1	57.9	58.1	352.0	Δ		
17	S	1155		268-30	2.62				+8	+50.5	52.3			CK		
18		0	-						10.4	-30.3	40.7		317.3		352.	
19	N	165	-						5.3				352.7	-		
20									7.7				353.1		351.	

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

### STADIA SURVEY NOTES

AREA \_\_\_\_\_ STATE or PROVINCE AK PAGE No. 22  
 LINE No.(s) 36 PARTY No. 186 DATE 7 Day 5 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR C. LYMAN RODMAN TT WEATHER: NILO. 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												424.1	0			
2		1000		88-30	2.62				7.2	26.2	19.0	405.1		Δ		
3	S.	✓		271-40	2.91				70.1	29.1	19.0			CK		
4		0	-						6.3			328.8			±	36 I.P. AT ±.
5																10
6	E	22	-						4.4			400.2		SP		87 LINE 70.
7																
8	N	158	-						3.2			401.9				361.
9	N	1480		89-00	1.74				11.8	+25.8	14.0	419.1	0			360
10		✓		270-50	1.95.				7.5	+21.5	14.0			CK		
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

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### STADIA SURVEY NOTES

AREA \_\_\_\_\_ STATE or PROVINCE AK. PAGE No. 23.  
 LINE No.(s) 36. PARTY No. 186. DATE 7 Day 5. Mo. 75. Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN RODMAN G. C. WEATHER: MILD. 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													397.8	⊙		
2		1815		+1/2				+2.9	7.1	-0.2		397.6		Δ		
3		✓		270-20	0.58			+10.5	10.5	+0.0				CK.		
4	S	1320	-					1.0					396.6		368	
5		-	-					5.4					392.2		367	
6	N	1320		+1/2				4.0	+6.6	+2.6			400.2		366.	
7		2475		+1/2				7.3	+12.4	+3.1			400.6	⊙		
8		✓		270-20	0.58			+11.5	14.4	+2.9	0.0			CK.		
9		2805	-					8.5		+0.5		409.1		Δ		
10		✓		270-06	0.18			+13.5	5.0	+8.5				ck		
11		2640		267-44	0.47	✓		7.8	-12.4	16.2			392.9	✓	365	
12	S	1320		268-50	2.04	✓		14.6	-26.9	-4.5			367.6	✓	364	
13		0	-					5.3					403.8		363.	
14	N	1320		89-00	1.74			7.5	+23.0	+15.5			424.6		362.	
15		1485		89-00	1.74			10.8	+25.8	15.0			424.1	⊙		
16		✓		271-08	1.98			14.3	+29.4	15.1				CK.		
17																
18																
19																
20																

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### STADIA SURVEY NOTES

STATE or PROVINCE AK. PAGE No. 24

(s) 36 PARTY No. 186 DATE 7 Day 5 Mo. 75 Yr. BOOK No. \_\_\_\_\_

L. LYMAN RODMAN C. C. WEATHER: cloudy P.T.S. No. \_\_\_\_\_

Station	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													483.9	○	#12	GRP. T.S.
2	S.	990		91-00	1.74			14.8	+17.2	+32.0		515.9		Δ		
3		0	-					5.2					510.7		900-	
4	N	136	-					5.1					510.8		⊕	TELE. STA.
5																373+ 2669.
6		1320		90-10	0.29			12.5	3.8	16.3			499.6	○	900.	
7	S	1480		88-20	2.91			14.2	43.1	38.9		460.7		Δ		
8		0	-					5.3					455.4		S.P.	373. EAST SP.
9	N	1720		91-00	1.74			13.6	23.0	36.6	36.8		423.9	○	372.	
10		✓		268-40	2.33			6.1	30.8	36.7					CK	
11		1815		88-50	2.04			7.0	37.0	30.0		393.9		Δ		
12		✓		271-20	2.33			12.4	42.3	29.9					CK	
13	S.	495		271-00	1.74			3.8	+2.6	+4.8			392.7		371.	
14		0	-					5.3					388.6		-	
15	N	825		-112				12.5					381.4		370.	
16		2145	-					7.0					384.9		369.	
17		2970		+1/2				10.9	+14.9	+4.0			397.8	○		
18		✓		270-20	0.58			13.4	+17.2	+3.8	3.7				CK.	
19																
20																

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