

# STADIA SURVEY NOTES

AREA \_\_\_\_\_ STATE or PROVINCE AK PAGE No. 1-  
 LINE No. 3x To 49 PARTY No. 186 DATE 17 Day 5 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. L. MAN. RODMAN \_\_\_\_\_ WEATHER: 10997 P.T.S. No. \_\_\_\_\_

LINE	Sighting Height	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			<u>TELLUROMETER.</u>															
2			<u>SLOPE DIST.</u>															
3		<u>0</u>	<u>-</u>															
4																		
5																		
6		<u>E. 3778.53</u>		<u>29-40-15</u>														
7		<u>✓</u>		<u>29-19-50</u>														
8				<u>MEAN. AV.</u>														
9				<u>29-40-13</u>														
10																		
11		<u>B7</u>	<u>HP. 15</u>	<u>CARD</u>														
12				<u>123.0</u>														
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		

TYPED BY \_\_\_\_\_ CHECKED BY 1st L. G. L. 2nd \_\_\_\_\_

# STADIA SURVEY NOTES

AREA \_\_\_\_\_ STATE or PROVINCE AK PAGE No. 4  
 LINE No. 44 PARTY No. 126 DATE 20 Day 5 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L LYMAN RODMAN WEATHER: Fog, snow, WINDY P.T.S. No. \_\_\_\_\_

LINE	Sighting of	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		B.S. OF.S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
1												175.4	0	18		
2		750		92-10	3.78				13.1	+20.4	+41.5	216.7		A		
3		✓		267-40	4.07				10.7	+30.5	+41.4			OK		
4		0	-						5.3			211.6			STA. 17+567	
5															GRAV BASE A-72	
6																
7		567	-						13.0		13.0	203.9	0	17	TP 2	
8		✓		247-20	1.16				2.4	-2.2	13.0			OK		
9		1220		87-30	0.87				15.0	-11.5	3.5	207.4		A		
10		✓		270-30	0.87				15.0	-11.5	3.5			OK		
11		0	-						5.4			202.0			16	
12		1220		91-30	2.62				8.6	-34.6	43.2	164.2			15	
13		2640		70-20	0.58				14.2	-15.3	29.5	177.9			14	
14		2805		90-20	0.58				7.2	-16.2	25.4	182.0	0			
15		✓		267-46	0.41				13.7	-11.5	25.4			OK		
16		2310		-1/2					12.0	+11.6	23.4	205.6		A		
17		✓		267-40	0.58				10.1	+12.4	23.5			OK		
18		1155		-1/2					12.5	-5.8	18.3	187.3			13	
19		0	-						5.3			200.3				
20		165	-						5.3			200.3			12	

TI-2000

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L. J. L.

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**STADIA SURVEY NOTES**

AREA \_\_\_\_\_ STATE or PROVINCE AK PAGE No. 3  
 LINE No. 70 49 PARTY No. 186 DATE 19 Day 5 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR C L MAN RODMAN \_\_\_\_\_ WEATHER: MILD P.T.S. No. \_\_\_\_\_

LINE	Sighting Height	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													232.2	0	TP 1	
2																
3																
4																
5																
6	E	42-27.89		70-20-26							28.32		203.9	0	TP 3	= SP 17
7		✓		269-39-56										OK		
8				MEAN. AV												
9				70-20-15												
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

TI-0008

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# STADIA SURVEY NOTES

AREA \_\_\_\_\_ STATE or PROVINCE AK. PAGE No. 1.  
 LINE No. 44. PARTY No. 126. DATE 19 Day 5 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEY L LMAN RODMAN G.L. WEATHER: loggy. P.T.S. No. \_\_\_\_\_

LINE	Stadia Distance	SEAMAN 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												152.4	0	24.	grp. T. S.
2															
3	1205		-1/2				14.7	7.0	20.7	172.1			Δ		
4	0						5.3								
5	1420		-1/2				11.5	7.1	18.6		160.5	0		989	
6	1320		27-52-20 = 0.22				15.0	2.9	12.1	172.6			Δ		
7	0						5.3							989	
8	1720		27-30 = 0.87				7.1	11.5	2.4		175.0	0		989	
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															

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**STADIA SURVEY NOTES**

AREA \_\_\_\_\_ STATE or PROVINCE AK. PAGE No. 2.  
 LINE No. 4A PARTY No. 126 DATE 20 Day 5 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEY L. LYMAN RODMAN M.H. WEATHER: SNOW, WIND. P.T.S. No. \_\_\_\_\_

LINE	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												160.6	0	5.	
2	2475		29-40	0.52				4.3	14.4	10.1	150.5		Δ		
3	✓		27-30	0.87				11.9	21.5	10.1			OK		
4	1155	-						11.1				139.4		4.	
5	0	-						5.3				145.2		-	
6	165	-						11.4				139.1		2.	
7	1485	-						11.3				139.2		2.	
8	2805	-						11.5		11.5		139.0	0	1	
9	✓		26-50	0.06				9.8	1.7	11.5			OK		
10	825		71-00	1.74				17.3	14.4	27.6	166.6		Δ		
11	0	-						5.3				161.3		7.2	T.S.
12	160		87-30	0.17				6.0	5.7	0.3		166.3		7.2	T.S.
13	1650		89-30	0.87				6.0	14.4	8.4		175.0	0	7.2	T.S.
14															
15															
16															
17															
18															
19															
20															

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## STAMA SURVEY NOTES

AREA \_\_\_\_\_ STATE or PROVINCE AK. PAGE No. 3.  
 LINE No. 44. PARTY No. 186. DATE 20 Day 5 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEY L. ZYMAN. RODMAN M. H. WEATHER: SNOW. P.T.S. No. \_\_\_\_\_

LINE	Slope	Slope Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		M.S. OF S. -55.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion			Center Hair	INST.			
1											205.6				
2		160		+1/2				2.5	+3.3	+0.2		206.4	0		
3		✓		270-50	1.45			8.9	+9.6	+0.7			CK		
4		2145		87-30	0.87			2.4	-18.7	-12.3	174.1		Δ		
5		✓		270-40	1.16			12.5	-24.9	-12.4			CK		
6		1320		-				12.9				181.2		11.	
7		0		-				5.4				188.7		10.	
8		1320		87-20	1.16			4.8	+15.3	+10.5		204.6		9.	
9		2640		87-24-40	1.03			15.0	+27.2	12.2		206.3	0	8.	
10		✓		270-35	1.02			14.6	+26.9	12.3			CK		
11		1320		+1/4				+6.9	8.6	+0.3	206.6		Δ		
12		✓		270-20	0.87			+11.9	-11.5	+0.4			CK		
13		0		-				5.7				201.3		7.	
14	N	1320		71-00	1.74			17.0	-27.0	35.0		171.6		6.	
15		2640		40-50	1.95			8.7	-38.3	46.0		160.6	0	5.	
16		✓		267-16	1.28			12.1	-37.8	45.9			CK		
17															
18															
19															
20															

71-2000

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**STADIA SURVEY NOTES**

AREA \_\_\_\_\_ STATE or PROVINCE AK PAGE No. 2-  
 LINE IX To 44 PARTY No. 186 DATE 1948 Day 5 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURV L. LYMAN RODMAN \_\_\_\_\_ WEATHER: 10994 P.T.S. No. \_\_\_\_\_

LINE	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											219.8	0	TP1	
2														
3														
4														
5														
6	E	28.94.50	10-00-37						17.43		232.2	0	TP1	
7			29-51-27										OK	
8			MEAN AV.											
9			20-00-39											
10														
11		89. HP.	65. CARD											
12			123. A											
13														
14														
15														
16														
17														
18														
19														
20														

TI-6088

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# STADIA SURVEY NOTES

AREA \_\_\_\_\_ STATE or PROVINCE AK PAGE No. 5  
 LINE No. 74 PARTY No. 126 DATE 20 Day 5 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. J. MAN RODMAN C. C. WEATHER: WINDY 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												149.0	0	24		
2		2475	-					7.0		7.0		155.9	Δ			
3		✓		270-10	0.29			14.0	7.2	6.8			CK			
4		1155	-					6.8				149.1		27		
5		0	-					5.9				150.5		-		
6		165	-					6.3				149.6		22		
7		1485		89-20	1.16			5.7	+17.2	+11.3		167.2	0	21		
8		✓		270-50	1.45			10.1	+21.5	11.4			CK			
9		1485	-					4.5		4.5	171.7		Δ			
10		✓		270-20	0.58			12.1	8.6	4.5			CK			
11		165	-					5.4				166.3		20		
12		0	-					5.3				166.4		-		
13		530	W	71-05	1.74			12.0	9.2	21.2		150.5	◇	1/2	49/58 IRON PIPE	
14		✓		268-30	2.62			7.4	78.9	21.3			✓			
15																
16		1155		269-30	0.97			14.8	70.1	29.9		146.8		17		
17		2475		+1/2				8.7	12.4	3.7		175.4	0	18		
18		✓		89-40	0.58			10.8	12.4	3.6			CK			
19																
20																

T1-2222

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L. J. C.

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### STADIA SURVEY NOTES

AREA \_\_\_\_\_ STATE or PROVINCE AK PAGE No. 6  
 LINE No. 44 PARTY No. 186 DATE 20 Day 5 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN RODMAN S. C. WEATHER: WINDY 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												150.5	0			<u>11</u> <u>11.5</u>
3																
4		0	-					+ 5.5		+ 5.5	156.0		Δ			
5																
6																
7	E.	420		81-05	1.74			5.9	7.3	1.4		157.4	0	232		LINE - 5B.
8	v			77-40	2.91			10.8	12.2	1.4			OK			
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

TI-6088

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## STAMA SURVEY NOTES

AREA \_\_\_\_\_ STATE or PROVINCE AK PAGE No. 7  
 LINE No. 44 PARTY No. 186 DATE 20 Day 5 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN RODMAN C. C. WEATHER: windy fog P.T.S. No. \_\_\_\_\_

LINE	Bearing of Sight	Sights 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											225.7	0	31		
2		28.05	-					±5		2.5	228.7			Δ	
3		✓		270-10	0.29			10.6	8.1	2.5				CK	
4		1485	-					10.2			217.9		30		
5		165	-					7.2			221.0		29		
6		0	-					5.3			222.9		-		
7		1155		90-30	0.87			15.0	10.1	25.1	203.1	0	28		
8		✓		269-20	1.16			11.7	12.4	25.1				CK	
9		2475		+1/2				9.2	12.4	3.1	200.0			Δ	
10		✓		270-10	0.29			4.0	7.2	3.2				CK	
11		1155		269-30	0.87			12.0	10.1	23.1	177.9		27		
12		0	-					5.3			194.7		-		
13		165	-					7.9			190.1		26		
14		1485		90-50	1.45			11.6	21.5	32.1	166.9		25		
15		2805		90-50	1.45			10.4	40.6	51.0	149.0	0	24		
16		✓		270-14	1.34			13.6	37.5	51.1				CK	
17															
18															
19															
20															

T1-6000

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L. J. L.

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### STADIA SURVEY NOTES

AREA \_\_\_\_\_ STATE or PROVINCE AK. PAGE No. 0  
 LINE No. 44 PARTY No. 186 DATE 21 Day 5 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. L. MAN RODMAN M. H. WEATHER: SNOW 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.		
1											183.4	0	40.	
2		1720		89-20	1.16			11.5	-15.3	3.8	179.6	Δ		
3	S.	✓		270-30	0.87			5.7	-11.5	5.8		OK		
4		0	-					5.3			174.3		39	
5	N.	1320		-1/4				9.6	-6.6	13.2	163.4		38	
6		2640		89-54	0.18			12.7	+4.8	8.0	171.6	0	37	
7		✓		270-02	0.06			5.5	+1.6	3.9		OK		
8		1815	-					+10.4		+10.4	182.0	Δ		
9		✓		267-50	0.29			5.2	+5.3	+10.5		OK		
10	S.	495	-					7.2			174.2		36	
11		0	-					5.3			176.7		—	
12	N.	825	-					11.2			170.8		35	
13		2140	-					10.8		10.8	171.3	0	34	
14		✓		267-50	0.27			4.4	-2.2	10.6		OK		
15		2640		90-54	1.57			13.5	+41.5	56.0	227.3	Δ		
16		✓		267-02	1.67			11.4	+44.6	56.0		OK		
17	S.	1320		267-20	1.16			13.5	-15.3	28.8	198.5		33	
18		0	-					5.3			222.0		32	
19	N	1320		+1/2				5.2	+2.6	1.6	225.7	0	31	
20		✓		270-20	0.58			7.3	+7.7	1.6		OK		

TI-200B

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# STADIA SURVEY NOTES

AREA \_\_\_\_\_ STATE or PROVINCE AK PAGE No. 9  
 LINE No. 44 PARTY No. 186 DATE 21 Day 5 Mo. 75-Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN RODMAN T. T. WEATHER: SNOW P.T.S. No. \_\_\_\_\_

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		M.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												174.1	0	47		
2		1155	-									184.2	Δ			
3	S.	✓		270-10	0.27				3.4	10.1			CK			
4		0	-									178.9		-		
5	N.	165	-									173.9		46		
6		1485		-1/2					7.4	17.5		165.7		45		
7		2800		-1/2					4.5	14.0		165.7	0	44		
8		✓		219-50	0.27				10.4	2.1			CK			
9		2475		90-40	1.16				13.8	+28.7	+42.5	208.2	Δ			
10		✓		267-10	1.45				1.5	+35.9	+42.4		CK			
11	S.	1155		-1/2					14.9	5.8	20.7	187.5		43		
12		0	-									202.9		-		
13	N.	165	-						7.5			200.7		42		
14		1485		90-30	0.87				10.6	12.9	23.5	184.7		41		
15		2800		-1/2					10.9	14.0	24.9	187.4	0	40		
16		✓		262-40	0.58				8.5	11.2	24.7		CK			
17																
18																
19																
20																

TI-600B

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

### STADIA SURVEY NOTES

AREA \_\_\_\_\_ STATE or PROVINCE AK. PAGE No. 10.  
 LINE No. 44 PARTY No. 186. DATE 21 Day 5 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN RODMAN T.T. WEATHER: SNOW. P.T.S. No. \_\_\_\_\_

LINE	Bearing of Sight	Stadia Distance	SEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		AD.S. OF S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1													232.4	0		
2		2970		89-30	0.87				6.0	-25.8	-17.8	19.9	212.5	Δ		
3		✓		270-40	1.16				14.5	-34.5	-20.0			CK		
4		2475		270-30	0.87				7.6	+21.5	+13.9		226.4		52	
5		1155		269-20	1.16				10.5	-13.4	-23.9		188.6		51	
6		0	-						5.3				207.7		-	
7		165	-						5.1				207.4		50	
8		770		80-50	1.04				5.5	+10.2	+14.7		227.2	0		
9		✓		271-30	2.62				11.2	+25.9	+14.7			✓		
10		1920		28-50	2.04				8.7	-26.9	-18.0	209.2		Δ		
11		✓		271-20	2.73				12.7	-30.8	-18.1			CK		
12		825		271-00	1.74				4.0	+14.4	+10.4		219.6		49	
13		0	-						5.3				203.9		-	
14		495		92-00	3.49				14.7	-17.3	-31.5		177.7		48	
15		1815		70-40	1.16				14.0	-21.1	-35.1		174.1	0	47	
16		✓		269-10	1.45				8.6	-22.3	-34.9			CK		
17																
18																
19																
20																

TI-5022

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

### STADIA SURVEY NOTES

AREA \_\_\_\_\_ STATE or PROVINCE AK PAGE No. 11  
 LINE No. 44 PARTY No. 126 DATE 21 Day 5 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LDAN RODMAN T.T. WEATHER: fog, snow P.T.S. No. \_\_\_\_\_

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		M.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion			Center Hair	INST.			
1											279.0	0	Δ	TRM. STA.	
2										900. VALUE.	280.0			"SUE"	
3										VERTICAL TIE	-1.0			TOP of BRASS.	
4											279.0				
5	S	460		+1/2				7.7	2.3	0.6	278.4		Δ		
6		✓		270-30	2.87			7.4	4.0	0.6			CK		
7		0	-					5.3			273.1		SL		
8	N	165	-					5.9	5.9		272.5	0			
9		✓		272-05	2.49			11.7	5.9	5.9			CK		
10		2475		88-00	2.49			6.0	26.4	26.4	172.1		Δ		
11		✓		272-10	2.72			13.1	23.6	20.5			CK		
12	S	1320		271-10	2.04			2.7	+26.9	+24.2	216.3		55.		
13		0	-					5.4			186.7		54.		
14	N	1320		88-40	2.33			7.2	+30.8	+26.5	218.6		53.		
15		2145		88-40	2.33			9.7	+30.0	+20.2	232.4	0			
16		✓		271-26	2.50			13.3	+32.6	+20.3			CK		
17															
18															
19															
20															

TI-2000

WORKED BY

L. J. L.

CHECKED BY 1st

2nd

**STADIA SURVEY NOTES**

AREA \_\_\_\_\_ STATE or PROVINCE AK PAGE No. 12  
 LINE No. 44 PARTY No. 186 DATE 22 Day 5 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LITMAN RODMAN G. G. WEATHER: SNOW P.T.S. No. \_\_\_\_\_

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		M.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1													193.5	0	62.	
2		2640	-										198.7	Δ		
3		✓		270-10	0.27				7.7	5.1	1.2			CK		
4	S	1920											193.4		61.	
5		0	-										193.4		60.	
6	N	1320		88-30	2.62				11.5	+74.6	73.1		231.8		59.	
7		2140		88-10	2.20				13.6	+78.5	54.9		253.6	0		
8		✓		271-46	2.02				10.7	+75.9	55.0			CK		
9		1815		90-30	0.97				10.4	+75.8	26.4	280.0		Δ		
10		✓		267-20	1.16				7.2	+21.1	26.3			CK		
11	S	1920		267-20	1.16				6.1	-15.3	-21.4		252.6		50	
12		0	-						5.3				274.7		57	
13	N	860	-						11.0		11.0		279.0	0	A	TRIANG. STA.
14		✓		270-40	1.16				11.0	+10.0	11.0			CK		1 <sup>st</sup> SUE.
15																TOP of BRASS
16																CAP.
17																
18																
19																
20																

TI-0000

WORKED BY L. G. G. CHECKED BY 1st \_\_\_\_\_ 2nd \_\_\_\_\_

**STADIA SURVEY NOTES**

AREA \_\_\_\_\_ STATE or PROVINCE AK PAGE No. 13  
 LINE No.(s) 44 PARTY No. 186 DATE 22 Day 5 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN RODMAN G.C. WEATHER: SNOW, fog. 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												250.5	0	12	
2		825		80-20	2.91			10.1	24.0	13.9	236.6		Δ		
3	S.	✓		271-50	3.20			12.5	26.4	13.9			CK		
4		0	-					5.3				231.3		-	
5	N	475		72-20	4.07			14.0	-20.2	34.2		202.4		67	
6		1815		71-20	2.33			10.8	-42.3	57.1		183.5		66	
7		2710		90-40	1.16			12.1	26.8	38.9		197.7	0		
8		✓		269-10	1.45			5.3	23.5	38.8			CK		
9		2640		90-30	0.27			7.2	+23.0	30.2	227.9		Δ		
10		✓		269-40	0.52			14.8	+15.3	30.1			CK		
11		1815		269-20	1.16			14.3	-21.1	-35.4		192.5		65	
12	S.	495		269-20	1.16			13.1	-5.7	19.6		208.3		64	
13		0	-					5.3				222.6		-	
14	N	325	-					13.5				214.4		63	
15		2145		90-40	1.16			9.5	24.9	34.4		193.5	0	62	LAKE
16		✓		269-24	0.99			13.2	23.2	34.4			CK		
17															
18															
19															
20															

TI-5000

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**STADIA SURVEY NOTES**

AREA \_\_\_\_\_ STATE or PROVINCE AK PAGE No. 19  
 LINE No. (s) 44 PARTY No. 106 DATE 22 Day 5 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. IRMAN RODMAN M. H. WEATHER: SNOW 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													242.5	0		
2		790	-										248.8			
3	S	✓		270-20	0.58					3.7	2.3			OK		
4		0	-										243.5			
5	N	165	-										239.4		72	
6		1485	-										234.7		71	
7		2800		89-50	0.29					2.1	3.7	5.5	245.3	0	70	
8		✓		270-06	0.18					5.0	3.3			OK		
9		1720		87-10	1.45					7.1	14.3	17.1	230.9			
10	S	✓		171-00	1.74					23.0	14.5			OK		
11		0	-										225.6		69	
12	N	1320		88-50	2.04					26.9	19.6		250.5	0	68	
13		✓		271-30	2.62					34.6	19.6			OK		
14																
15																
16																
17																
18																
19																
20																

TI-5008

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# STADIA SURVEY NOTES

AREA \_\_\_\_\_ STATE or PROVINCE AK PAGE No. 15.  
 LINE No. (a) 44 PARTY No. 186 DATE 22 Day 5 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN RODMAN M.H. WEATHER: SNOW P.T.S. No. \_\_\_\_\_

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.S. OF S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												283.3	⊙			
2		2310		+1/2					4.4	11.6	7.2	276.1	Δ			
3		✓		270-30	0.87				12.0	12.1	7.1		CK			
4		1485	-						10.0			266.1		78.		
5	S.	165	-						8.4			267.7		77		
6		0	-						5.3			270.8		-		
7	↓	1155	-						10.0			266.1		76.		
8		1650		70-10	0.29				10.9	4.8	15.7	260.4	⊙			
9		✓		269-58	.06				14.7	1.0	15.7		CK			
10		825		+1/2					3.3	4.1	7.8	258.6	Δ			
11	S.	✓		270-40	1.16				7.7	9.6	1.9		CK			
12		0	-						5.5			253.1		75		
13	↓	1320		90-40	1.16				12.0	15.3	27.3	231.3		74.		
14		2640		-1/2					5.2	13.2	18.4	240.2	⊙	73.		
15		+											CK			
16		2600		-1/2					2.1	14.0	11.1	242.5	⊙			
17		✓		269-50	0.29				7.1	5.1	12.0		CK			
18																
19																
20																

TI-508B

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STABIA SURVEY NOTES

AREA \_\_\_\_\_ STATE or PROVINCE AK. PAGE No. 16  
 LINE No. (s) 44 PARTY No. 186 DATE 21 Day 5 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN RODMAN M. H. WEATHER: SNOW. P.T.S. No. \_\_\_\_\_

LINE	Bearing of Sight	Stadia Distance	SEAMAN 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													261.3	0		
2		2145		89-30	0.87				+1.6	10.7	-1.1		254.1	A		
3		✓		270-35	1.02				14.5	21.9	-2.4			CK		
4	S.	1720		270-30	0.87				4.8	+11.5	+6.7		260.8		83	
5		0	-						5.4				248.7		82	
6	N	1320	-						3.0				251.1		81	
7		2145		+1/2					4.9	+10.7	+5.2		259.9	0		
8		✓		270-30	0.87				17.0	+18.7	+1.7			CK		
9		1160		-1/2					7.6	+5.8	+15.4	275.3		A		
10		✓		267-50	0.39				12.0	+3.4	+15.4			CK		
11	S.	670	-						9.7				265.6		80	
12		0	-						7.0		-2.0		268.3	0	44	IRON POST
13															59	2nd ELEV.
14																
15	W.	310	-						10.9		10.9		264.4	SP	386	LINE 59
16		✓		269.40	0.58				7.1	1.8	10.9			CK		
17																
18	N.	650		29-00	1.74				2.2	+11.3	+5.1		280.4		79	
19		1140		29-00	1.74				17.8	+19.8	+2.0		283.3	0		
20		1140		270-50	1.45				2.5	+16.5	+2.0			CK		

TI-0000

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# STADIA SURVEY NOTES

AK

AREA \_\_\_\_\_ STATE or PROVINCE \_\_\_\_\_ PAGE No. 17  
 LINE No. (s) 44 PARTY No. 186 DATE 22 Day 5 Mo. 75 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN RODMAN M. H. WEATHER: cloudy P.T.S. No. \_\_\_\_\_

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		M.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction			Center Hair	INST.			
1											239.9	0	24	grp T.S.	
2															
3		3300	-							+2.3	246.2	Δ			
4	S.	2310	-								239.5		98P	T.S.	
5		0	-								240.9		98P	T.S.	
6	N	1320		+112							242.0		98P	T.S.	
7		2640		29-10	1.45				+22.3	+29.9	276.1	0	98P		
8		1815	-							+9.1	285.2	Δ			
9	S.	825	-								275.8		98P		
10		0	-								279.9		88	EAST SP. SOUTH	
11															
12	N.	1320	-							7.7	275.5	0	87		
13		✓		270-10	0.29					+3.0	272.5		CK		
14		2640		89-00	1.94					45.9	264.5	Δ			
15		✓		271-06	1.92					+14.0	250.7		CK		
16	S.	1320	-								233.3		86	LAKE	
17		0	-								233.7		85	LAKE	
18	N	1320		89-00	1.74					+23.0	+19.4		84	NORTH SIDE LAKE	
19		1815		89-00	1.74					+31.6	+22.2				
20		✓		271-10	2.04					+17.0	+22.4		CK		

TI-5208

WORKED BY L. J. C.

CHECKED BY 1st \_\_\_\_\_ 2nd \_\_\_\_\_