

STADIA SURVEY NOTES

AREA LOOKOUT RIDGE STATE or PROVINCE _____ PAGE No. 57
 LINE No.(s) R7 X N PARTY No. 1186 DATE 24 Day 1 Mo. 79 Yr. BOOK No. 1
 SURVEYOR L. LYMAN RODMAN A.K. WEATHER: MILD 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											182.6	0	B.M.	79303
2													641	(182.59)
3		2310		89-47-55				+14.0	+5.9	+182.7		A		
4		✓		270-11-32				+14.0	+6.3	21		ck		
5		1430	-					-5.6			183.1		642	
6	S.	550	-					-3.1			185.6		643	✓
7		0	-					-5.2			183.5		-	
8	N	330	-					-9.3			179.4		644	
9		1210		91-00				-4.7	-25.8		162.9		645	
10		2090		90-30				-12.4	-30.6		158.1	0	646	
11		✓		269-32-40				-14.0	-30.6				ck	
12		3520		89-34-55				+14.0	-11.7	11.3	146.8		A	
13		✓		270-24-20				+14.0	-10.9				ck	
14		2640		+1/2				-6.3	+13.2	+6.9	153.7		647	
15		1710		+1/2				-2.0	+8.8	+0.8	147.6		648	
16	S.	000	-					-2.6			144.2		649	
17		0	-					-5.2			141.6		650	
18														FIRST SP
19														NORTH-END
20														R7 X N.

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2nd _____

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 03.
 LINE No.(s) R7XN PARTY No. 1186. DATE 20 Day 1 Mo. 79 Yr. BOOK No. 1
 SURVEYOR L. LYMAN RODMAN A.K. WEATHER: SNOW. P.T.S. No. 1

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												594.9	0			
2	N.	2300	-							+13.8	608.7		Δ			
3		1760		91-00						-36.2		572.5		403		
4	N.	880		91-30						-35.1		573.6		402		
5	N	255		90-20						-15.1		593.6	0	B.M.		78 885.
6												594.4		SP.		385 OLD SP.
7																L.I.N.E. B-7 (595.0)
8										VERTICAL TIE.		-0.8				IRON-PIPE.
9																
10	N	255		90-20						+15.1	609.5		Δ			
11		0	-									604.3		401.		LAST. SP.
12																
13	S	2530		87-52-15						+29.9		699.4		T.S.		#12.
14																
15		5170		87-22-55						+231.9		841.4	0	T.S.		#24.
16	N	110		92-00						+31.0	872.4		Δ			
17		0	-									867.2		T.S.		#27
18	S.	1980		91-10						-55.3		817.1		T.S.		# 40 36 APPROX.
19	S.	4620		89-45.20						+15.7		888.1		T.S.		# 48
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 61.
 LINE No.(s) R7 XN. PARTY No. 1186. DATE 24 Day 1 Mo. 79 Yr. BOOK No. 1
 SURVEYOR L. LYMAN RODMAN A. K. WEATHER: MILD. 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											182.6	0	B.M.	79 303.
2													641	
3		1760		89-30			+ 12.7	- 2.7		179.9		Δ		
4	N	880		89-30			- 8.0	- 0.3			179.6		640	
5		0	-				- 5.2				174.7	✓	639.	
6	S.	880	-				- 13.4				166.5		638	
7		1760		-1/2			- 2.7	-8.8 -18.5			161.4		637	
8		2640		90-15-48			- 14.0	- 26.1			153.8	0	636	
9		2310		89-30			+ 11.5	- 9.7		145.1		Δ		
10	N	1430		89-30			- 9.3	+ 3.2			148.3		635	
11		550	-				- 10.0				135.1		634	
12		0	-				- 5.2				139.9		-	
13	S.	330		72-00			- 6.8	- 18.3			126.8		633.	
14		1210		72-10			- 14.7	- 60.4			84.7		632.	
15		2090		72-00			- 13.2	- 86.1			59.0	0	631.	
16		1540		90-20			+ 10.0	+ 17.0		78.0		Δ		
17	N	660		92-00			- 6.1	- 29.1			48.9		630	N-SIDE.
18		330		96-00			- 14.5	- 48.9			29.2		-	AVALIK RIVER.
19													-	
20		0	-				- 5.2				72.0	✓	-	S-SIDE.

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 62.
 LINE No.(s) R7 x N. PARTY No. 1186 DATE 24 Day 1 Mo. 79 Yr. BOOK No. 1
 SURVEYOR L. LYMAN. RODMAN A.K. 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												78.0				
2	S	220	-					-	4.1				73.9		629	
3		1100	-					-	5.8				72.2		628	
4		1900		89-30				-	13.3	+4.0			82.0	⊙	627	
5		1760		90-20				+	10.1	+20.3	102.3			Δ		
6	N	200		70-20				-	8.7	-13.8			88.5		626	
7		0	-					-	5.2				97.1	✓	625	
8	S	200		89-10				-	7.7	+5.1			107.4		624	
9		1760		88-50				-	8.1	+27.7			130.0		623	
10		2310		88-42-48				-	14.1	+37.8			140.1	⊙		
11		2090	-					+	14.3	+14.8	154.9			Δ		
12		1760		1/2				-	10.7	-8.8	-19.5		135.4		622	
13	N	200	-					-	14.2				140.7		621	
14		0	-					-	5.2				149.7	✓	620	
15	S	200	-					-	3.7				151.2		619	
16		1760		89-40				-	12.4	-2.2			152.7	⊙	618	
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK PAGE No. 63
 LINE No.(s) R7XN PARTY No. 1186 DATE 24 Day 1 Mo. 77 Yr. BOOK No. 1
 SURVEYOR L. LYMAN RODMAN A.K. 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												152.7	o	610		
2		3190		90-50	-24			+ 14.0	+ 60.8	213.5		153.5	A	617		
3		2310		91-10				- 13.0	- 60.0			154.1		616		
4		1430		91-50				- 13.7	- 59.4			185.5		615		
5	N	580		92-00				- 8.8	- 28.0			208.3	✓			
6		0	-					- 5.2				209.6		614		
7	S.	330	-					- 3.9				209.0	o	613		TP.
8		1210	-					- 4.5	- 4.5			205.8	A			
9		1760		89-40				+ 7.0	- 3.2	205.8		204.6		612		
10	N	880	-					- 1.2				205.6	✓	611		
11		0	-					- 5.2				198.7	o	BM		79301
12	S.	565	-					- 7.1	- 7.1			200.9				(200.92)
13																
14										VERTICAL TIE		- 2.2				
15																
16	N	1200		89-40				+ 11.8	+ 4.8	205.7		201.2	A			
17		800	-					- 4.5				200.5	✓	609		
18		0	-					- 5.2				201.2		608		
19	S.	280	-					- 4.5								
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 64.
 LINE No.(s) R7XN. PARTY No. 1186. DATE 25. Day 1 Mo. 79. Yr. BOOK No. 1
 SURVEYOR L. LYMAN. RODMAN A.K. WEATHER: MILD. +8° 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											205.7			
2	S.	1760		09-30			-	14.8	+0.6		206.3		607	
3		2640		09-28-40			-	15.0	+9.1		214.8	0	606	
4		2640		09-46-33			+	14.0	+3.7		218.5			
5		1760	-				-	4.0			214.5		605	
6	N	280	-				-	5.9			212.6		604	
7		0	-				-	5.2			213.3	✓	603.	
8	S.	280	-				-	4.0			214.5		602.	
9		1760		+112			-	9.6	+8.8 -0.8		217.7		601.	
10		2640		89-37-33			-	15.0	+2.2		220.7	0	600.	
11		1760	-				+	10.5	+10.5		231.2			
12	N	280	-				-	6.0			225.2		599.	
13		0	-				-	5.2			226.0	✓	598	TT.
14	S.	280	-				-	18.8			217.4		597.	
15		1760		90-30			-	12.8	-28.2		203.0	0	596	
16		2640		89-20			+	10.8	-19.9		183.1			
17		1760		89-30			-	12.3	+8.2		191.3		595	
18	N	280		+112			-	3.6	+4.4 +0.8		183.9	1	594	
19		0	-				-	5.2			177.9	✓	593.	
20														

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK PAGE No. 65
 LINE No.(s) R7XN PARTY No. 1186 DATE 25 Day 1 Mo 79 Yr. BOOK No. 1
 SURVEYOR L. LYMAN RODMAN A.K. WEATHER: +8° 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												183.1			
2	S.	280		-12				-	11.2	-4.4	-15.6		167.5	592	
3		1760		90-30				-	13.5		-28.9		154.2	591	
4		2640		90-30				-	14.4		-37.4		145.7	590	D
5	N	770		88-50				+	10.1		-5.6	140.1		590	Δ
6		0						-	5.2				134.9		✓
7	S	110						-	9.5				130.6	589	
8		990		88-50				-	5.0	+15.2			155.3	588	
9		1270		88-50				-	6.6	+31.5			171.6	587	
10		1900		88-50				-	8.1	+30.6			170.7	587	D B.N.
11													170.9		(170-98)
12															
13															
14		2280		88-40				+	13.7		-39.3	131.6		586	Δ
15		1430		89-00				-	11.0	+15.0			146.6	586	
16	N	550						-	9.7				121.9	585	
17		0						-	5.2				126.4		✓
18	S.	330						-	13.0				117.8	584	
19															CREEK.
20		1210		90-30				-	6.6		-17.2		114.4	583	

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK PAGE No. 66
 LINE No.(s) R7 x N. PARTY No. 1186 DATE 25 Day 1 Mo. 79 Yr. BOOK No. 1
 SURVEYOR L. LYMAN RODMAN A.K. WEATHER: +8° 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												131.6				
2	S.	2000		89-10				-	2.4	+ 27.8		159.4		582.		
3		2960		88-50				-	2.0	+ 58.3		189.9		581.		
4		3840		88-50				-	6.1	+ 72.1		203.7	0	580		
5		✓		271-17-09				-	14.0	+ 72.1				ck.		
6		1760		89-00				+	7.8	- 22.9	180.8			△		
7	S.	880		89-00				-	5.5	+ 9.9		190.7		579		
8		0	-					-	5.2			175.6	✓	578.		
9	N	880		91-00				-	8.4	- 23.8		157.0		577.		
10		1760		90-10				-	12.7	- 17.8		163.0	0	576.		
11		1760		90-50				+	10.4	+ 36.0	177.0			△		
12	N	880		90-50				-	11.7	- 24.5		174.5		575.		
13		0	-					-	5.2			193.8	✓	574.		
14	S.	880	-					-	4.4			194.6		573.		
15		1760		89-40				-	4.4	+ 5.8		204.8		572.		
16		2640		89-20				-	8.3	+ 22.4		221.4		571.		
17		3820		89-10				-	10.3	+ 40.9	41.0	240.0	0	570		
18		✓		270-50				-	10.1	+ 41.1				ck.		
19																
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK PAGE No. 67
 LINE No.(s) R7 XN. PARTY No. 1186. DATE 25 Day 1 Mo. 79. Yr. BOOK No. 1
 SURVEYOR L. LYMAN RODMAN A.K. 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													240.0	0	570	
2		1210		90-10				+ 10.9		+ 14.4	254.4			Δ		
3	N	330	-					- 6.5					247.9		569	
4		0	-					- 5.2					249.2	✓	-	TP.
5	S-	580	-					- 12.0					242.4		568.	
6		1430		90-20				- 11.7	- 20.0				234.4		567.	
7		2310		90-20				- 7.0	- 20.4				234.0		566.	
8		3190		-1/2				- 3.3	- 11.0	- 19.3			235.1		565.	
9		4070	-					- 5.4					249.0		564	
10		4402	-					- 2.6	- 2.6	- 3.0			251.4	0	B.M.	79 299.
11		✓		270-08-19				- 14.0	- 3.4				251.9	✓		(251.90)
12																
13													VERTICAL			
14													TIE.			
15																
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 60.
 LINE No.(s) R7XN. PARTY No. 1186. DATE 25. Day 1 Mo. 79. Yr. BOOK No. 1
 SURVEYOR L. LYMAN. RODMAN A.K. WEATHER: +8° P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	SEAMAN 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.			
1											251.9	○	B.M.	79 299.	
2															
3		1430		89-50				+ 5.0	+ 0.8	252.7		△			
4	SV.	880	-					- 1.5			251.2		563		
5		0	-					- 5.2			247.5	✓	562.		
6	S.	880	-					- 4.5			248.2		561.		
7		1760	-					- 4.7			249.0		560.		
8		2640	-					- 4.6	- 4.6		248.1	○	559.		
9		2640		70-10				+ 10.9	+ 17.7	265.8		△			
10		1760	-					- 14.6			251.2		558		
11	N.	880	-					- 9.3			256.5		557		
12		0	-					- 5.2			260.6	✓	556.		
13	S.	880	-					- 3.3			262.5		555.		
14		1760	-					- 4.1			261.7		554		
15		2640	-					- 6.4	- 6.4		259.4	○	553.		
16		2640		89-50				+ 10.7	+ 3.0	262.4		△			
17		1760	-					- 3.0			259.4		552		
18	N	880	-					- 2.3			260.1		551.		
19	I	0	-					- 5.2			257.2	✓	550.		
20															

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L. J. L.

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2nd

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 67.
 LINE No.(s) R7 x N PARTY No. 1186 DATE 25. Day 1 Mo. 79. Yr. BOOK No. 1
 SURVEYOR L. LYMAN. RODMAN A-K. 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												262.4				
2	S.	200	-					-	6.0			256.4		549.		
3		1760	-					-	7.2			255.2		548.		
4		2640	-					-	6.3	- 6.3		256.1	0	547.		
5		2640	-					+	10.8	+ 10.8		266.9		Δ		
6		1760	-					-	5.6			261.3		546.		
7	N	800	-					-	5.4			261.5		545.		
8		0	-					-	5.2			261.7	✓	544.		
9	S.	800	-					-	2.4			264.5		543.		
10		1760		+ 1/2				-	2.5	+ 8.8 + 6.3		273.2		542.		
11		2640		89-30				-	2.5	+ 20.5		287.4		541.		
12		3251		89-30				-	5.2	+ 23.2		290.1	0	B.M.		77 278.
13		✓		270-39-20				-	14.0	+ 23.2		290.6	CK			
14																
15												VERTICAL TIE.	-0.5.			(290.63)
16																
17																
18																
19																
20																

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L. J. L.

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK PAGE No. 70
 LINE No.(s) R7 x N PARTY No. 1186 DATE 26 Day 1 Mo. 77 Yr. BOOK No. 1
 SURVEYOR L. LYMAN RODMAN A.K. WEATHER: - 10² P.T.S. No. 1

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											290.6	0	B.M.	77298.
2														
3		1150		89-10				+ 5.6	- 11.1		279.5			
4	N	880		89-10				- 2.7	+ 10.1		289.6		540	
5		0	-					- 5.2			274.3	✓	539	
6	S.	880		91-30				- 9.5	- 32.5		247.0		538	
7		1760		92-00				- 10.0	- 71.4		208.1		537	
8		2640		91-50				- 8.8	- 93.2		186.3	0	536	
9		1430		91-50				+ 10.9	+ 56.6		242.9			Δ
10	N	550		90-40				- 13.8	- 20.2		222.7	✓	535	
11		0	-					- 5.2			237.7	✓	-	
12	S.	730	-					- 3.5			239.4		534	
13		1210		+ 1/2				- 4.8	+ 6.0	+ 1.2	244.1		533	
14		2090		+ 1/2				- 4.5	+ 10.5	+ 6.0	248.9		532	
15		2970		89-40				- 10.8	+ 6.5		249.4	0	531	
16		2640		90-30				+ 7.6	+ 30.6		280.0			Δ
17		1760		90-30				- 6.0	- 21.4		258.6		530	
18	N	880		90-20				- 7.5	- 12.6		267.4		529	
19		0	-					- 5.2			274.8	✓	528	
20	S.	880		+ 1/2				- 3.7	+ 4.4	+ 0.7	280.7		527	

TI-588B

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 71
 LINE No.(s) P7 x N. PARTY No. 1186. DATE 26. Day 1 Mo. 79 .Yr. BOOK No. 1
 SURVEYOR L. LYMAN. RODMAN A.K. WEATHER: -10° 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														
2	S-	1760		89-40				- 10.5	- 0.3		279.7	0	526	
3		2640		89-20				+ 3.2	- 27.5	252.2		Δ		
4		1760		89-20				- 6.5	+ 14.0		266.2		525	
5	N	880	-					- 14.3			237.9		524	
6		0	-					- 5.2			247.0	✓	523	SMALL CREEK.
7	S-	880		88-00				- 9.2	+ 21.5		273.7		522	
8		1760		88-00				- 2.8	+ 58.6		310.8	0	521	
9		2640		91-05				+ 10.0	+ 56.1	266.9		Δ		
10		1760		91-20				- 10.5	- 51.4		315.5		520	
11	N	880		91-20				- 13.1	- 33.6		333.3		519	
12		0	-					- 5.2			311.7	✓	518	
13	S-	880		87-30				- 11.5	+ 26.8		393.7		517	
14		1760		87-30				- 10.7	+ 66.0		432.9		516	
15		2640		87-30				- 4.6	+ 110.4		477.3	0	515	
16	N	550		71-00				+ 13.3	+ 22.9	500.2		Δ		
17		0	-					- 5.2			495.0		-	
18	S-	220	-					- 3.5	- 3.5		496.7	0	B.M.	79297 (499.19)
19											497.2			
20									VERTICAL		-0.5			

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TIE.

WORKED BY

L. J. L.

CHECKED BY 1st

2nd

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK PAGE No. 72
 LINE No.(s) R7XN. PARTY No. 1186. DATE 26 Day 1 Mo. 79. Yr. BOOK No. 1
 SURVEYOR L. LYMAN. RODMAN A.K. 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.		
1											497.2	o	B.M.	77297.
2														
3		880		88-00				+ 8.3	- 22.4	474.8			Δ	
4	N	770		88-00				- 5.4	+ 21.5		496.3		514	
5		0	-					- 5.2			469.6		✓	
6	S.	110	-					- 10.7			464.1		513.	
7		990		93-00				- 7.7	- 59.4		415.4		512.	
8		1270		90-50				- 8.2	- 35.4		439.4		511.	
9		2750		70-20				- 8.1	- 24.1		450.7	o	510.	
10		1210		89-00				+ 7.2	- 13.9	436.8			Δ	
11	N	330		89-00				- 3.8	+ 2.0		438.8		509	
12		0	-					- 5.2			431.6		✓	
13	S.	550		92-10				- 4.4	- 25.2		411.6		508.	
14		1430		92-00				- 14.4	- 24.3		372.5		507	
15		2310		92-20				- 10.7	- 104.9		331.9	o	506	
16		1710		89-20				+ 8.7	- 11.6	320.3			Δ	
17	N	880	-					- 14.6			305.7		505.	
18		0	-					- 5.2			315.1		504	
19	S.	880		89-20				- 11.5	- 1.3		319.0		503.	
20		1710		89-20				- 5.4	+ 15.1		335.4		502.	

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK PAGE No. 73
 LINE No.(s) R7XN PARTY No. 1184 DATE 26 Day 1 Mo. 79 Yr. BOOK No. 1
 SURVEYOR L. LYMAN RODMAN A.K. 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	Correc-tion				INST.	ROD			
1											320.3					
2	S.	2640		89-22-02				14.0	+ 15.2		335.5		501			
3		2750		89-17-46				14.0	+ 19.8		340.1	0				
4		2530		90-20				+ 8.0	+ 22.7	362.8		Δ				
5		1760		91-20				- 10.4	- 51.3		311.5		500			
6	N	880		91-20				- 14.5	- 35.0		327.8		499			
7		0	-					- 5.2			357.6	✓	478			
8	S.	880		90-30				- 13.0	- 20.7		342.1	0	497			
9		2640		90-30				+ 14.6	+ 37.6	379.7		Δ				
10		1760		92-00				- 14.2	- 75.6		304.1		496			
11	N	880		92-30				- 12.5	- 50.8		328.9		495			
12		0	-					- 5.2			374.5	✓	494			
13	S.	880		89-10				- 9.5	+ 3.3		383.0	0	493			
14		2090		90-50				+ 12.9	+ 43.3	421.3		Δ				
15	1210	7430		91-10				- 13.0	- 37.6		388.7		492			
16	N	330	-					- 8.8			417.5		491			
17		0	-					- 5.2			421.1	✓				
18	S.	550		91-50				- 6.5	- 24.4		401.9		490			
19		1430		92-00				- 13.0	- 62.9		363.4		489			
20																

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2nd

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 74.
 LINE No.(s) R7 x N. PARTY No. 1186 DATE 26. Day 1 Mo. 79. Yr. BOOK No. 1
 SURVEYOR L. LYMAN. RODMAN AK. 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												426.3				
2	S.	2310		70-40				-	9.5	-	36.4	389.9		480		
3		3180		89-40				-	11.9	+	6.6	432.9	0	487		
4	N	880		70-20				+	13.7	+	18.8	451.7				
5		0	-					-	5.2			446.5	✓	486		
6	S.	560	-					-	10.7	-	10.7	441.0	0	B.M.	77.296	
7												443.8				(110399)
8																
9												VERTICAL	- 2.0			
10												TIE:				
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 75.
 LINE No.(s) R7 XN. PARTY No. 1186. DATE 27 Day 1 Mo. 77 Yr. BOOK No. 1
 SURVEYOR L. LYMAN. RODMAN A.K. WEATHER: SNOW. 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												443.8	0	B.M.	79296.	
2																
3	N	315		00-00				+ 5.0	- 5.2	438.6						
4		0	-					- 5.2				433.4		405		
5	S.	000		95-00				- 11.5	- 87.9			350.7		484.		
6		1760		94-20				- 10.5	- 143.1			295.5		403		
7		2640		93-40				- 14.6	- 183.1			255.5	0	402.		
8		2970		91-20				+ 12.0	+ 81.1	336.6					SHANINGAROK.	
9		2090		92-00				- 15.0	- 87.9			248.7		401	> (offset) RIVER.	
10		1210		92-00				- 12.3	- 54.5			282.1		400		
11	N	330		92-00				- 7.2	- 18.7			317.9		479		
12		0	-					- 5.2				331.4		-		
13	S.	550		00-20				- 2.0	+ 13.2			349.8		470		
14		1430		00-20				- 5.4	+ 36.2			372.8		477		
15		2310		00-20				- 5.3	+ 61.9			398.5		476		
16		2640		00-20				- 0.3	+ 68.5			405.1	0			
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. 76
 LINE No.(s) R7 & N. PARTY No. 1186 DATE 27 Day 1 Mo. 79 Yr. BOOK No. 1
 SURVEYOR L. LYMAN RODMAN A.V. 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	Correction	Center Hair			INST.	ROD		
1												405.1	0		
2		1430		90-20				+10.3	+18.6		423.7		Δ		
3	N	880		90-20				-12.0	-17.1			406.6		475.	
4		0	-					-5.2				418.5	✓	474.	
5	S.	880	-					-11.1				412.6		473.	
6		1760		+1/2				-7.0	+8.8 +1.8			425.5		472.	
7		2640		89-50				-5.7	+2.0			425.7	0	471	
8		1970	-					+12.8	+12.8		438.5		Δ		
9		990	-					-11.8				426.7		470	
10	N	110	-					-6.6				431.9		469	
11		0	-					-5.2				433.3	✓	-	
12	S.	770	-					-14.0				424.5		468.	
13		1650		90-30				-10.7	-25.1			413.4		467	
14		1980		90-40				-10.0	-33.0			405.5	0		
15		2640	-					+1.1	+1.1		406.6		Δ		
16		2090	-					-13.6				393.0		466	
17		1210		90-40				-12.3	-26.4			380.2		465.	
18	N	330		91-00				-14.0	-19.8			386.8		464	
19		0	-					-5.2				401.4	✓	-	
20	S.	550		89-00				-4.0	+5.6			412.2		463.	

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L.G.L.

CHECKED BY 1st

2nd

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK PAGE No. 77
 LINE No.(s) R7 XN. PARTY No. 1186 DATE 27 Day, 1 Mo. 79 Yr. BOOK No. 1
 SURVEYOR L. LYMAN. RODMAN A.K. 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																
2	S-	200		89-05				- 2.1		+ 7.3		413.9	0			
3		1100		89-05				+ 6.6		- 12.6	401.3		Δ			
4	N	550		89-05				- 5.6		+ 4.0		405.3		462		
5		0	-					- 5.2				396.1	✓	-		
6	S.	330		92-00				- 5.2		- 16.7		384.6		461.		
7		1210		92-00				- 2.6		- 50.8		350.5		460.		
8		2090		90-40				- 10.5		- 34.8		366.5		459.		
9		2770		90-10				- 9.3		- 17.9		383.4	0	458		
10		2970		92-00				+ 12.1		+ 115.7	499.1		Δ			
11		2090		92-20				- 10.0		- 95.0		404.1		457		
12		1210		92-30				- 14.5		- 67.2		431.9		456		
13	N	330		92-30				- 6.6		- 21.0		478.1		455		
14		0	-					- 5.2				493.9	✓	-		
15	S.	415		89-00				- 4.3		+ 2.9		502.0	0	B.M.	79275	
16												500.3				(500.26)
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK PAGE No. 78
 LINE No.(s) R7XN. PARTY No. 1186 DATE 27 Day 1 Mo. 79 Yr. BOOK No. 1
 SURVEYOR C. LYMAN. RODMAN AK. WEATHER: _____ P.T.S. No. 1

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	Correction	Center Hair			INST.	ROD		
1												500.3	⊙	B.M.	79 295.
2															
3		463		88-30				+ 7.1	- 5.0	475.3			Δ		
4	N	330		88-30				- 4.9	+ 3.7			499.0		454	
5		0	-					- 5.2				490.1	✓	-	
6	S.	550		92-00				- 9.5	- 28.7			466.6		453.	
7		1430		91-40				- 13.6	- 55.2			440.1		452.	
8		2310		91-00				- 12.3	- 52.6			442.7		451.	
9		3190		90-40				- 5.0	- 42.1			453.2	⊙	450.	
10	N	880		89-00				+ 5.0	- 10.4	442.8			Δ		
11		0	-					- 5.2				437.6	✓	447.	
12	S.	880		92-00				- 2.0	- 38.7			404.1		448	
13		1760		92-20				- 6.9	- 78.5			364.3	⊙	447	
14		1210		89-30				+ 9.6	- 1.0	363.3			Δ		
15	N	330	-					- 10.6				352.7		446	
16		0	-					- 5.2				358.1	✓	-	
17	S.	550	-					- 7.6				353.7		445.	
18		1430	-					- 12.8				350.5		444.	
19															
20															

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C.J.C.

CHECKED BY 1st

2nd

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 79.
 LINE No.(s) R7XN. PARTY No. 1186. DATE 27 Day 1 Mo. 79. Yr. BOOK No. 1
 SURVEYOR L. LYMAN. RODMAN A.K. WEATHER: SNOW, -10° 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	S.	2310		89-10				- 7.4		+ 26.2		389.5	⊙	443.		
3		1210	-					+ 9.5		+ 9.5	399.0		Δ			
4	N	330	-					- 5.2				393.8		442		
5		0	-					- 5.2				393.8	✓	-		
6	S.	550	-					- 11.3				387.7		441.		
7		1430	-					- 14.0				385.0		440.		
8		2310	-					- 11.5		- 11.5		387.5	⊙	439.		
9		1760		91-10				+ 10.7		+ 46.5	434.0		Δ			
10	N	850		91-00				- 8.3		- 23.6		410.4		438		
11		0	-					- 5.2				428.8	✓	437.		
12	S.	800		89-05				- 5.0		+ 10.4		444.4		436.		
13		1760		89-00				- 7.3		+ 23.4		457.4	⊙	435.		
14	N	800	-					+ 13.2		+ 13.6	471.0		Δ			
15		0	-					- 5.2				465.8	✓	434		
16	S.	670		89-30				- 3.6		+ 2.0		473.0	⊙	B.M.	72294	
17												474.4				(1176.44)
18										VERTICAL		- 1.4				
19										T.E.						
20																

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L. J. L.

CHECKED BY 1st

2nd

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK PAGE No. 80
 LINE No.(s) R7 XN. PARTY No. 1186 DATE 28 Day 1 Mo. 79 Yr. BOOK No. 1
 SURVEYOR L. LYMAN RODMAN A.K. WEATHER: SNOW -10° P.T.S. No. 1

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												474.4	0	B.M.	79294.
2															
3		1115	-					+ 3.8		+3.8	478.2		Δ		
4	N	880	-					- 3.1				475.1		433.	
5		0	-					- 5.2				473.0	✓	432.	
6	S.	880	-					- 4.7				473.5		431.	
7		1760		89-40				- 5.4		+4.8		483.0	0	430.	
8		3520		90-51-16				+ 14.0		+66.5	549.5		Δ		
9		✓		269-04-43				+ 10.0		+66.6			ck		
10		2640		91-00				- 13.7		-59.8		489.7		429	
11		1760		91-00				- 12.8		-43.2		506.3		428	
12	N	880		91-00				- 9.1		-24.5		525.0	✓	427	
13		0	-					- 5.2				544.3	✓	426	
14	S.	880		89-10				- 6.0		+6.8		556.3		425.	
15		1760		88-50				- 4.1		+31.7		581.2		424.	
16		2310		88-50				- 6.5		+40.5		590.0	0	4	
17															
18															
19															
20															

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 81.
 LINE No.(s) R7 XN PARTY No. 1186. DATE 20 Day 1 Mo. 79 Yr. BOOK No. 1
 SURVEYOR L. LYMAN. RODMAN A.K. WEATHER: SNOW. 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												590.0	0			
2		2090		89-20				+ 6.7		- 17.6	572.4		Δ			
3		1760		89-20				- 9.8		+ 10.7		583.1		423		
4	N	880		90-40				- 9.0		- 19.2		553.2		422		
5		0	-					- 5.2				567.2		421		
6	S.	880		88-00				- 7.0		+ 23.7		596.1		420		
7		1760		87-50				- 6.3		+ 60.2		632.6		419		
8		2090		87-50				- 10.8		+ 68.2		640.6	0			
9		2310		90-30				+ 8.1		+ 22.3	668.9		Δ			
10		1760		90-30				- 11.6		- 27.0		641.9		418		
11	N	880		90-30				- 7.8		- 15.5		653.4		417		
12		0	-					- 8.2				663.7		416		
13	S.	880	-					- 6.4				662.5		415		
14		1760	-					- 5.8				663.1		414		
15		2640		89-50				- 6.9		+ 0.8		669.7	0	413		
16																
17																
18																
19																
20																

TI-588B

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L. J. L.

CHECKED BY 1st

2nd

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE _____ PAGE No. 82.
 LINE No.(s) R7XN. PARTY No. 1186. DATE 20 Day 1 Mo. 79 Yr. BOOK No. 1
 SURVEYOR L. LYMAN. RODMAN AK. 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.	ROD		
1															
2		2970		92-42-14				+ 14.0	+ 154.0	154.1	669.7	0	413		
3		✓		267-12-49				+ 10.0	+ 154.2		823.8	Δ			
4		2090		93-00				- 11.2	- 120.4		703.4		412		
5		1210		93-00				- 10.4	- 73.6		750.2		411		
6	N	330		91-20				- 13.5	- 21.2		802.6		410		
7		0						- 5.2			818.6		-		
8	S.	550		89-30				- 5.3	- 0.5		823.3		409		
9		880		89-40				- 13.0	- 8.7		815.1	⊙			
10		1320		86-30				+ 7.0	- 72.6	742.5		Δ			
11	N	770		87-20				- 4.6	+ 31.2		773.7		408		
12		0						- 5.2			737.3		-		
13	S.	110						- 12.4			730.1		407		
14		440		94-00				- 12.1	- 42.7		699.8	0			
15		2300		87-20				+ 7.3	- 99.6	600.2		Δ			
16		1760		88-40				- 10.5	+ 30.4		630.6		406		
17	N	880		91-40				- 10.0	- 35.6		514.6		405		
18		0						- 5.2			595.0		404		
19	S.	330						- 5.3	- 5.3		594.9	0			
20															

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L. J. L.

CHECKED BY 1st

2nd

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 60.
 LINE No.(s) R27 XN. PARTY No. 1181. DATE 24. Day 1 Mo. 79. Yr. BOOK No. 1
 SURVEYOR L. LYMAN. RODMAN AK. 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												146.8				
2	N	2530		90-06				-	4.0	-2.4		138.4		T.S.	# 12	
3																
4		5170		90-05-25				-	4.0	-4.6		142.2		T.S.	# 24.	
5																
6		7810		89-52-10				-	7.0	-5.1		141.7		T.S.	# 36	
7																
8		10450		89-52-07				-	6.0	+18.0		164.8		T.S.	# 48.	
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

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WORKED BY _____ CHECKED BY 1st _____ 2nd _____