

STADIA SURVEY NOTES

AREA UTUKOK RIVER STATE or PROVINCE AK. PAGE No. 106
 LINE No.(s) 130X. PARTY No. 1106. DATE 19 Day 5 Mo. 78 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		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion			Center Hair	INST.			
1					<u>TAKE OFF.</u>										
2														B.M.	<u>78-385.</u>
3															<u>107 XW / 130X.</u>
4														530	<u>IRON. PIPE.</u>
5															
6		<u>1760</u>	-					<u>+10.5</u>	<u>+10.5</u>	<u>+10.3</u>	<u>1449.2</u>	<u>Δ</u>			
7		<u>✓</u>		<u>269-50</u>				<u>+5.1</u>	<u>+10.2</u>			<u>OK.</u>			
8	<u>N</u>	<u>880</u>	-					<u>-6.8</u>			<u>1442.4</u>		<u>531</u>		
9		<u>0</u>	-					<u>-5.2</u>			<u>1444.0</u>		<u>532</u>		
10	<u>S.</u>	<u>880</u>	-					<u>-10.9</u>			<u>1438.3</u>		<u>533.</u>		
11		<u>1760</u>	-					<u>-10.8</u>			<u>1439.2</u>		<u>534.</u>		
12		<u>2140</u>	-					<u>-4.3</u>			<u>1444.9</u>		<u>535.</u>		
13		<u>2970</u>		<u>89-40</u>				<u>-8.2</u>	<u>+9.1</u>	<u>+9.3</u>	<u>1458.5</u>	<u>0</u>			
14		<u>✓</u>		<u>270-27-10</u>				<u>-14.0</u>	<u>+9.5</u>			<u>OK.</u>			
15		<u>3080</u>		<u>90-30</u>				<u>+8.0</u>	<u>+34.9</u>	<u>+34.5</u>	<u>1493.0</u>	<u>Δ</u>			
16		<u>✓</u>		<u>269-37-30</u>				<u>+14.0</u>	<u>+34.2</u>			<u>OK.</u>			
17		<u>2530</u>		<u>269-20</u>				<u>-7.8</u>	<u>-37.2</u>		<u>1455.8</u>		<u>536.</u>		
18		<u>1650</u>		<u>267-00</u>				<u>-8.0</u>	<u>-36.8</u>		<u>1456.2</u>		<u>537</u>		
19	<u>N</u>	<u>770</u>		<u>268-30</u>				<u>-10.1</u>	<u>-30.2</u>		<u>1462.8</u>		<u>538</u>		
20															

TI-589B

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK PAGE No. 107
 LINE No.(s) 180X PARTY No. 1126 DATE 17 Day 5 Mo. 7 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		AB.S. OF.S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												1493.0				
2		0	-					5.2				1487.0		-		
3	S.	110	-					5.1				1487.9		539		
4		990		89-00				4.2	+13.1			1506.1		540		
5		1880		88-10				4.3	+55.8	+		1548.9	0	541		
6		✓		272-05				7.5	+56.1	55.9				CK		
7		1220		95-20				9.4	+122.3	+		1671.1	Δ			
8		✓		264-50				12.7	+122.1	122.2				CK		
9	N	330		265-00				7.4	-36.1			1635.0		542		
10		0	-					5.2				1665.9		-		
11	S.	550		91-00				7.1	-16.7			1654.4		543		
12		1430		89-00				7.0	+18.0			1689.1		544		
13		2310		81-50				4.7	+122.7	+		1794.0	0	545		
14		✓		273-30				10.9	+123.2	122.9				CK		
15		1360		95-30				11.5	+141.3	+		1935.1	Δ			
16		✓		214-20				7.3	+140.9	141.1				CK		
17	N	400		264-30				4.6	-50.4			1884.7		546		
18		0	-					5.2				1929.9		-		
19	S.	400		91-40				10.0	-21.6			1913.5		547		
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 100
 LINE No.(s) 130K PARTY No. 1154 DATE 19 Day 3 Mo. 7 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																
2	S.	1280		89-50				- 3.0		+0.7		1935.8	0	540	TP.	
3		✓		270-20				- 6.6		+0.8			ck			
4		2090		87-10				+ 5.8		-97.4	97.3	1838.5	Δ			
5		✓		273-00				+ 12.0		- 97.2			ck			
6		1210		271-00				- 8.2		+12.9		1051.4		549		
7	N	330	-					- 11.4				1827.1		550		
8		0	-					- 5.2				1833.3		-		
9	S.	550		95-00				- 5.0		-52.8		1785.7		551		
10		1430		94-00				- 13.9		-113.4		1725.1		552		
11		2310		73-30				- 14.2		-155.0		1683.5		553		
12		2640		92-30				- 11.2		-126.2	125.9	1712.6	0			
13		✓		267-35				- 14.4		-125.6			ck			
14																
15																
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK PAGE No. 129
 LINE No.(s) 130 X PARTY No. 1186 DATE 20 Day 3 Mo. 78 Yr. BOOK No. 1
 SURVEYOR G. LTMAN RODMAN A.K. WEATHER: - 20° 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 of Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1													1712.6	0		
2		2860		89-20				+ 10.7		- 22.6	22.8	1689.8		Δ		
3		✓		270-44-30				+ 14.0		23.0				CK		
4		2310		270-40				- 6.0		+ 20.9		1710.7		554		
5		1430	-					- 2.5				1681.3		555		
6	N	550	-					- 7.0				1682.0		556		
7		0	-					- 5.2				1684.6		-		
8	S	330		-112				- 14.1	- 1.7	- 15.8		1674.0		557		
9		880		70-30				- 13.1		- 20.8		1669.0	0			
10		✓		269-20				- 10.5		- 20.7				CK		
11		1480		90-10				+ 13.7		+ 18.0	+	1686.9		A		
12		✓		269-40				+ 9.1		+ 17.7	17.9			CK		
13		1150		268-20				- 9.0		- 42.4		1644.5		558		gully.
14	N	275		764-00				- 11.0		- 39.6		1647.3		559		
15		0	-					- 5.2				1681.7		-		
16	S	605		88-00				- 7.1		+ 14.0		1700.9	0	560		
17		✓		272-30				- 12.3		+ 14.1				CK		
18																
19																
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 190
 LINE No.(s) 130X PARTY No. 1126 DATE 20 Day 3 Mo. 78 Yr. BOOK No. 1
 SURVEYOR L. LYMAN. RODMAN A.K. WEATHER: -20° WIND. 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												1700.9	0	560		
2		990		90-40				+ 12.0		+24.3	1725.2		Δ			
3		✓		267-00				+ 7.0		+24.3			CK.			
4	N	110	-					- 5.0				1719.4		561		
5		0	-					- 5.3				1719.9		-		
6	S	770		90-40				- 10.2		-19.2		1706.0		562		
7		1320		89-10				- 6.5		+12.7	12.0	1730.0	0		TP.	
8		✓		271-00				- 10.1		+12.9				CK.		
9		1760		87-50				+ 7.5		- 59.0	1679.0		Δ			
10		✓		272-20				+ 12.7		- 58.9				CK.		
11		1430		272-00				- 8.0		+41.9		1720.9		563	RAVINE	
12	N	550	-					- 6.0				1673.0		564		
13		0	-					- 5.2				1673.8		-		
14	S	330	-					- 10.1				1668.9		565		
15		1210		90-40				- 7.5		-21.6		1657.4		566		
16		2070		90-20				- 13.4		-25.6		1653.7	0	567		
17		✓		269-30				- 6.9		- 25.1	25.3			CK.		
18																
19																
20																

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2nd

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK PAGE No. 191
 LINE No.(s) 130X PARTY No. 1186 DATE 20 Day 3 Mo. 78 Yr. BOOK No. 1
 SURVEYOR L. LYMAN RODMAN A. K. WEATHER: -20° WIND. 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												1653.7	0	577	
2		550		89-40				+	3.3		+0.1	1653.8			
3	N	✓		271-05				+	9.8		+0.2				ck
4		0	-					-	5.2			1648.6		-	TP.
5	S.	330	-					-	15.0			1638.8		568	
6		1210		90-30				-	9.3		-19.9	1633.9		579	
7		2090		90-10				-	13.8		-19.9	1633.8	0	570	
8		✓		269-40				-	7.9		-20.1	25.0			ck
9		3410		90-10				+	5.9		+15.8	1649.6			Δ
10		✓		269-50-14				+	14.0		+15.8				ck
11		2530		269-20				-	14.3		-43.7	1605.9		571	
12		1680		269-00				-	13.1		-41.9	1607.7		572	
13	N	770		268-30				-	12.1		-32.2	1617.4		573	
14		0	-					-	5.2			1644.4		-	
15	S	110	-					-	4.7			1644.9		574	
16		990		89-00				-	8.8		+8.5	1658.1		575	
17		1870		89-00				-	8.0		+24.6	24.8	1674.4	0	576
18		✓		271-10				-	18.0		+25.1				ck
19															
20															

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE Ark. PAGE No. 192
 LINE No.(s) 13DX. PARTY No. 1186 DATE 20 Day 3 Mo. 78 Yr. BOOK No. 1
 SURVEYOR L. LYMAN. RODMAN A.K. WEATHER: -20° WIND. 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											1674.4	0	576	
2		1760		90-50				+	10.1	+35.7	1710.1		Δ	
3		✓		267-17				+	13.8	+35.8			CK	
4	N	880		267-60				-	10.4	-25.8	1684.3		577	
5		0						-	5.2		1704.9		578	
6	S.	880		88-20				-	5.8	+19.8	1729.9		579	
7		1760		87-20				-	6.0	+75.8	1785.9		580	
8		2310		87-20				-	3.8	+103.6	1813.7		0	
9		✓		272-50				-	10.3	+103.7			CK	
10		1320		90-30				+	12.1	+23.6	1837.4		Δ	
11		✓		269-20				+	8.5	+23.9	23.7		CK	
12		990		269-20				-	4.8	-16.3	1821.1		581	
13	N	110						-	4.1		1833.3		582	
14		0						-	5.2		1832.2			
15	S.	170		93-00				-	12.4	-52.6	1784.0		583	
16		1650		92-30				-	11.0	-82.9	1754.5		584	
17		2530		92-10				-	8.6	-104.2	104.0	1733.4	0	585
18		✓		267-50				-	14.2	-103.9			CK	
19														
20														

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2nd

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 193
 LINE No.(s) 130x PARTY No. 1186 DATE 20 Day 3- Mo. 78 Yr. BOOK No. 1.
 SURVEYOR L. LYMAN. RODMAN A.K. WEATHER: - 20° 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													1733.4	0	S85.		
2		2460		94-30				+12.9	+205.3				1938.4	Δ			
3		✓		265-20				+5.3	+204.8	205.0				OK			
4		1580		264-05				-14.4	-178.7				1759.7		S86		
5	N	700		264-30				-9.2	-76.0				1862.4		S87		
6		0						-5.2					1933.2				
7	S.	180						-2.1					1936.3		S88		
8		1060		89-05				-4.4	+14.1				1952.5		S89	LAST. SP.	
9		1072		89-05				-5.4	+13.3				1951.0	0	B.M.	78-330	
10		✓		271-20				-11.4	+13.5	13.4				OK			
11													1951.43				
12									VERTICAL				+0.4			C.G. Lyman	
13									TIE								20-3-78.
14		2738		92-05				+9.3	+104.0			2056.2		Δ			
15		✓		268.06				+14.0	+104.7					OK			
16		880		91-30				-14.4	-37.4				2018.8		T.S.	# 9.	
17	N	220						-11.6					2044.6		T.S.	# 12.	
18		0						-5.2					2051.0		T.S.	# 13.	
19	S.	1980		90-33-23				-4.0	-23.2				2033.0		T.S.	# 22. END	
20																	SOUTH

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C.J.C.

CHECKED BY 1st

2nd

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK PAGE No. 194
 LINE No.(s) 130X PARTY No. 1126 DATE 21 Day 3 Mo. 7 Yr. BOOK No. 1
 SURVEYOR L. LYMAN RODMAN A.K. WEATHER: - 30° CLEAR P.T.S. No. _____

L.N.	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			ABS. OF S. - S.S.
1													1438.9	0	BM.	78 - 385
2															±	130X / 107XW.
3																
4																
5		2640		88-56-54					+ 14.0	-34.4	377	1404.2	Δ			
6		✓		270-58-40					+ 10.0	-35.0			CK			
7		1760		270-50					- 7.8	+15.8		1420.0		529.		
8	S.	880	-						- 0.3			1403.9		528		
9		0	-						- 5.2			1399.0		527		
10	N	880	-						- 8.2			1396.0		526.		
11		1760	-						- 12.7			1391.5		525.		
12		2640		90-10					- 8.4	-16.1	16.0	1388.2	0	524.		
13		✓		269-57-33					- 14.0	-15.9			CK			
14		2640		89-30					+ 14.4	-8.6	8.9	1379.3	Δ			
15		✓		270-25					+ 10.1	-9.1			CK			
16		1760		270-20					- 5.3	+4.9		1384.2		523.		
17	S.	880		270-20					- 3.6	+1.5		1380.8		522.		
18		0	-						- 5.3			1374.0		521.		
19	N	880		-1/2					- 12.7	-4.4	-17.1	1362.2		520.		
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 175
 LINE No.(s) 130x PARTY No. 1186 DATE 21 Day 3 Mo. 78 Yr. BOOK No. 1
 SURVEYOR L. LYMAN RODMAN A.K. WEATHER: - 30° 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															521	
3	N	1760		90-20				-	10.3	-20.5		1358.8		519		
4		2640		90-30				-	9.0	-24.4		1354.9		518		UTUKOK RIVER.
5		2960		89-10				-	14.1	+22.9	+	1408.5	0			
6		✓		270-46				-	10.1	+29.5	29.2			CK		
7		2860	-					+	14.0	+14.0	+	1422.2		Δ		
8		✓		269-55-52				+	10.0	+13.4	13.7			CK		
9		2310	-					-	9.0			1413.2		517		
10		1430	-					-	5.4			1416.8		516		
11	S	550	-					-	3.6			1418.6		515		
12		0	-					-	5.2			1417.0		-		
13	N	330		92-30				-	5.9	-20.3		1401.9		514		
14		1210		91-20				-	12.7	-40.8		1381.4		513		
15		2090		91-00				-	14.5	-51.0		1371.2		512		
16		2970		90-50				-	10.0	-53.2		1369.0		511		DRIFTWOOD RIVER.
17																
18		3300		89-50				-	8.9	+0.7	+	1423.3	0			
19		✓		270-14-04				-	14.0	+1.4	1.1			CK		
20																

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L.G.L.

CHECKED BY 1st

2nd

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK PAGE No. 196
 LINE No.(s) 130X PARTY No. 1126 DATE 21 Day 3 Mo. 78 Yr. BOOK No. 1
 SURVEYOR L. LYMAN RODMAN A.K. WEATHER: - 20° 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													1423.3	0	
2		1320		94-30				+ 14.4	+ 117.6				1540.8	Δ	
3		✓		265-20				+ 10.4	+ 117.4		117.5			CK	
4	S.	770		265-30				- 8.8	- 69.0				1471.8	510	
5		0						- 5.2					1535.6	-	
6	N)	110						- 1.8					1539.0	509	
7		990		88-00				- 11.8	+ 22.7				1563.5	508	
8		1870		87-40				- 6.7	+ 69.4				1610.2	507	
9		1900		87-30				- 2.0	+ 84.3				1625.4	0	
10		✓		272-40				- 7.2	+ 84.8		84.6			CK	
11		2640		92-30				+ 10.3	+ 125.3				1750.5	Δ	
12		✓		267-35				+ 13.6	+ 124.8		125.1			CK	
13		1870		267-00				- 12.6	- 110.3				1640.2	506	
14		790		267-00				- 14.5	- 66.2				1684.3	505	
15	S.	110						- 11.6					1738.9	504	
16		0						- 5.2					1745.3	-	
17	N)	770		89-00				- 6.0	+ 7.4				1757.9	503	
18		1650		88-00				- 6.0	+ 51.5				1802.0	502	
19		2440		87-40				- 11.8	+ 87.5		87.7		1838.2	0	B.M. 77 - 3011.
20		✓		272-23.44				- 14.0	+ 87.7				1838.2	CK	

TI-588B

WORKED BY

L.G.L.

CHECKED BY 1st

VERTICAL ± 0.0
TIE

2nd

L.G. Lyman
21-3-78

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 197
 LINE No.(s) 130x PARTY No. 1186 DATE 22 Day 3 Mo. 7^o Yr. BOOK No. 1
 SURVEYOR L. LYMAN RODMAN A.K. WEATHER: - 20° 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													1838.20		R.M.	77-3011
2																
3		420		27-00				+ 7.1	-14.7		1023.3		Δ			
4		✓		273-20				+ 9.6	-14.8				CK			
5	S.	330		273-20				- 5.5	+13.7				1837.0		501	
6		0						- 5.2					1818.1		-	
7	N	550		95-00				- 5.4	-53.2				1770.1		500	
8		1430		94-40				- 11.2	-127.6		127.5		1695.8	0	499	
9		✓		265-26				- 13.9	-127.4						CK	
10		1430		85-00				+ 7.6	-116.6		1579.2				Δ	
11		✓		275-10				+ 11.7	-116.6						CK	
12	S.	550		275-10				- 7.2	+42.1				1621.3		498	
13		0						- 5.3					1573.9		-	
14	N	330		94-10				- 13.7	-37.6				1541.6		497	
15		1210		94-20				- 11.8	-103.0				1476.2		496	
16		2090		93-50				- 10.7	-150.1		150.0		1429.2	0	495	
17		✓		266-16				- 14.1	-149.9						CK	
18																
19																
20																

TI-588B

WORKED BY L.L. CHECKED BY 1st _____ 2nd _____

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 198
 LINE No.(s) 130X PARTY No. 1184 DATE 22 Day 3 Mo. 78 Yr. BOOK No. 1
 SURVEYOR L. LITMAN RODMAN A.K WEATHER: WIND. 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													1429.2	0	495	
2		3190		88-10				+	12.4		-89.6		1339.5	Δ		
3		✓		271-47-43				+	10.0		-89.9	87.7		CK		
4		2310		271-30				-	8.8		+51.6		1391.1		494	
5		1430		271-30				-	8.8		+28.6		1368.1		493	
6	S.	550		271-00				-	4.3		+5.3		1344.8		492	
7		0		-				-	5.2				1334.3		-	
8	N	330		-1/2				-	14.3	-1.7	-16.0		1323.5		491	
9		1210		71-05				-	12.2		-33.3		1306.2		490	
10		2090		70-30				-	13.2		-31.4		1308.1		489	
11		2970		90-10				-	6.3		-14.9	14.7	1324.8	0	488	
12		✓		269-59				-	13.5		-14.4			CK		
13		2640		88-10				+	10.6		-73.8	74.0	1250.8	Δ		
14		✓		271-55				+	14.1		-74.1			CK		
15		1710		271-20				-	6.3		+34.6		1285.4		487	
16	S.	880		271-00				-	7.7		+5.7		1256.5		486	
17		0		-				-	5.2				1245.6		485	
18	N	800		-				-	10.4				1240.4		484	
19																
20																

TI-588B

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L. L.

CHECKED BY 1st

2nd

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE _____ PAGE No. 199
 LINE No.(s) 130X PARTY No. 1186 DATE 22 Day 3 Mo. 78 Yr. BOOK No. 1
 SURVEYOR L. LYMAN RODMAN A. K. WEATHER: -20 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.	1710	-					-	9.1				1241.7	483.	
3		2090	-					-	13.1				1237.8	B.M	77-3010
4		✓		269-50				-	6.8			13.0	1238.2	ck	
5															
6												VERTICAL	-0.4	6.0	Lyman
7												TIE			22-3-78
8		2310		88-30				+	7.0			53.4	53.7	1184.5	Δ
9		✓		271-40				+	13.2			54.0			ck
10		1760		271-00				-	5.3			+25.4		1209.9	482
11	S.	880	-					-	2.3					1182.2	481
12		0	-					-	5.2					1179.3	480
13	N	880	-					-	3.6					1180.9	479
14		1760	-					-	7.0					1177.5	478
15		2640		89-50				-	6.9			40.8	+	1185.4	477
16		✓		270-20				-	14.3			+1.1	0.9		ck
17															
18															
19															
20															

TI-588B

WORKED BY L. L.

CHECKED BY 1st _____

2nd _____

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK PAGE No. 200
 LINE No.(s) 130x PARTY No. 1186 DATE 22 Day 3 Mo. 78 Yr. BOOK No. 1
 SURVEYOR L. LYMAN RODMAN A-K WEATHER: -20° 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													1185.4	0	477	
2		1210		70-30				+	7.0		+17.6	+	1202.8	Δ		
3		✓		269-50				+	13.0		+17.3	17.4		CK		
4	S.	330	-					-	4.1				1198.7		476	
5		0	-					-	5.2				1197.6		-	
6	N	550	-					-	7.0				1195.0		475	
7		1430		90-40				-	10.0		-27.4		1175.4		474	
8		2310		90-20				-	14.9		-28.3	28.1	1174.7	0	473	
9		✓		269-30				-	7.0		-20.0			CK		
10		3520		90-03-53				+	14.0		+18.0	+	1192.6	Δ		
11		✓		269-52	-27			+	10.0		+17.7	17.9		CK		
12		2640		-112				-	4.3	-13.2	-17.5		1175.1		472	
13		1760		-112				-	9.3	-8.8	-18.1		1174.5		471	
14	S.	880	-					-	13.5				1179.1		470	
15		0	-					-	5.3				1187.3		469	
16	N	880	-					-	2.7				1189.9		468	
17		1760	-					-	7.2		-9.2	9.1	1183.5	0	467	
18		✓		270-10				-	14.1		-9.0			CK		
19																
20																

TI-588B

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CHECKED BY 1st _____

2nd _____

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK PAGE No. 201
 LINE No.(s) 130X PARTY No. 1186 DATE 22 Day 3 Mo. 78 Yr. BOOK No. 1
 SURVEYOR L. L. MAN RODMAN A. K. WEATHER: -20° 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													1183.5	0	417	
2		3520		89-27-35				+ 14.0		-19.2			1164.1	Δ		
3		✓		278-23-55				+ 10.0		-19.1	17.4			OK		
4		2640		270-10				8.8		-1.1			1163.0		466	
5		1760		269-00				- 13.2		-43.9			1120.2		465	
6	S.	880		268-00				- 9.7		-40.4			1118.7		464	5' BOOST.
7		0	-					- 5.5					1158.6		463	
8	N	880		70-10				- 13.7		-16.3	17.1		1148.0	0	462	
9		✓		269-40				- 10.9		-16.0				OK		
10		1760		89-00				+ 2.0		-28.7	28.8		1119.2	Δ		
11		✓		271-10				+ 6.7		-28.9				OK		
12	S.	880		271-00				- 6.1		+9.3			1128.5		461	
13		0	-					- 5.4					1113.8		460	
14	N	880	-					- 12.3					1106.9		459	
15		1760		89-30				- 6.4		+9.0	+		1128.4	0	458	
16		✓		270-40				- 11.2		+9.3	9.2			OK		
17																
18																
19																
20																

TI-588B

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L. J. C.

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2nd

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 202
 LINE No.(s) 130X. PARTY No. 1186 DATE 22 Day 3 Mo. 78 Yr. BOOK No. 1
 SURVEYOR L. LYMAN. RODMAN A.K. WEATHER: CLEAR - 20° 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												1128.4	o	458		
2		1210		90-30				+	11.3		+21.9	+	1150.2	Δ		
3		✓		249-10				+	4.1		+21.7	21.8		ck.		
4	S.	330	-					-	10.4					457		
5		0	-					-	5.2					1139.8		
6	N	550		90-30				-	13.1		-17.9			1145.0	-	
7		1430		+12				-	4.6	+7.2	+2.6			1132.3	456.	
8		2310		89-20				-	14.6		+12.3			1152.8	455.	
9		2588		89-30				-	13.7		+8.9	+		1162.5	454.	
10		✓		770-32-20				-	15.0		+9.3	9.1		1159.3	o 15.1 . 77-3009	
11														1159.9	o ck.	
12											VERTICAL.			-0.6.		
13											TE.					
14															6. J. Lyman.	
15															22-3-78.	
16																
17																
18																
19																
20																

TI-588B

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L.J.C.

CHECKED BY 1st

2nd

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 203
 LINE No.(s) 180X PARTY No. 1186 DATE 24 Day 3 Mo. 78 Yr. BOOK No. 1
 SURVEYOR L. LYMAN RODMAN A.K. WEATHER: CLEAR - 15° 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			ΔB.S. OF.S. -S.S.
1													1159.9	0	B.M.	77-3009
2																
3																
4		2350		87-00					+ 7.6	-115.2	115.4		1044.5		Δ	
5		✓		273-10					+ 14.0	-115.6					ck	
6		1760	-						- 6.5				1038.0		453	UTUKO. RIVER.
7	S.	880	-						- 6.4				1038.1		452	
8		0	-						- 5.5				1039.0		451	
9	N	880	-						- 6.7				1037.6		450	
10		1760		89-40					- 8.8	+1.4	7.6		1046.1	0	449	
11		✓		270-30					- 13.6	+1.8					ck	
12		2640	+						+ 3.9	+3.9	+		1049.8		Δ	
13		✓		270-10					+ 11.2	+3.5	3.7				ck	
14		1760	-						- 5.2				1044.6		448	
15	S.	880	-						- 6.2				1043.6		447	
16		0	-						- 5.3				1044.5		446	
17	N	880		89-20					- 4.3	+5.9			1055.7		445	
18		1760		89-20					- 13.1	+7.4	+		1057.3	0	444	
19		✓		270-40					- 12.8	+7.7	7.5				ck	
20																

TI-588B

WORKED BY

L. J. L.

CHECKED BY 1st

2nd

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 204
 LINE No.(s) 130X. PARTY No. 1186 DATE 24 Day 3. Mo. 78 Yr. BOOK No. 1.
 SURVEYOR L. LYMAN. RODMAN A.K. WEATHER: -15° CLEAR P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		AB.S. OF.S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												1057.3	0	444		
2		2640	-					+	16.0	+10.0		1067.2	Δ			
3		✓		269-56				+	6.7	+9.8	9.9		CK.			
4		1760	-					-	7.4			1059.0		443.		
5	S.	880	-					-	6.5			1060.7		442		
6		0	-					-	5.4			1061.8		441.		
7	N	880		+1/2				-	4.5	+4.4	-0.1	1067.1		440.		
8	N	1760		89-10				-	4.3		+21.3	1088.5		439		
9		2640		88-40				-	2.7		+58.7	1125.9		438.		
10		2970		88-20				-	9.1		+77.2	1144.9	0			
11		✓		271-46-41				-	14.0		+78.1	77.7	CK.			
12		1760		90-30				+	8.8		+24.2	1168.9	Δ			
13		✓		269-40				+	18.7		+23.9	24.0	CK.			
14		1210		269-30				-	9.5		-20.1	1148.0		437		
15	S.	330	-					-	6.3			1162.6		436		
16		0	-					-	5.3			1163.6		-		
17	N	550		92-00				-	5.9		-25.1	1143.8		435		
18	N	1430		92-00				-	6.0		-55.9	1113.0		434.		
19																
20																

TI-588B

WORKED BY

L. J. C.

CHECKED BY 1st

2nd

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK PAGE No. 205
 LINE No.(s) 130 X PARTY No. 1186 DATE 24 Day 3 Mo. 7 Yr. BOOK No. 1
 SURVEYOR L. LYMAN RODMAN A.K. WEATHER: -15° 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	N	2310		91-30				7.6		-70.0		1078.9		433.		
3		3190		90-30				8.5		-36.3		1132.6		432.		
4		4017		89-50				11.7		-0.0		1169.2	0	B.M.	77-3210	
5		✓		270-12-30				14.0		+0.6	0.3	1169.2	✓	JCK		
6												1169.2		7.	86X / 130X.	
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

TI-588B

WORKED BY

L.J.L.

CHECKED BY 1st

2nd

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK PAGE No. 206
 LINE No.(s) 130X PARTY No. 1162 DATE 25 Day 3 Mo. 7 Yr. BOOK No. 1
 SURVEYOR L. LYMAN RODMAN AK WEATHER: -20° 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												1169.2	0	B.M.	77-3210
2														±	86X/130X
3															
4		1200		89-40								-6.7	6.8	1162.4	Δ
5		✓		270-40								-6.7			CK
6		1760		270-40								+7.7		1170.1	431
7	S.	880	-											1159.1	430
8		0	-											1157.2	429
9	N	880		89-30								+5.3		1167.7	428
10		1760		89-00								+21.1	+	1183.6	0 427
11		✓		271-10								+21.3	21.2		CK
12		1870		93-00								+109.1	+	1292.5	Δ
13		✓		266-50								+108.6	108.9		CK
14		990		266-20								-73.5		1219.0	426
15	S.	110	-											1204.7	425
16		0	-											1207.3	-
17	N	770	-											1206.3	424
18		1650	-									-10.0	-	1202.7	0 423
19		✓		270-10								-9.6	9.0		CK
20															

TI-598B

WORKED BY L.G.C.

CHECKED BY 1st _____

2nd _____

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK PAGE No. 207
 LINE No.(s) 130X PARTY No. 1126 DATE 25 Day 3 Mo. 78 Yr. BOOK No. 1
 SURVEYOR L. LYMAN RODMAN A.K. WEATHER: - 20° 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		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction				INST.	ROD		
1												1282.7	0	423.	
2		000	-					+ 8.7	+ 8.7			1291.3	Δ		
3	S.	✓		270-10				+ 11.1	+ 8.5	0.6			ck.		
4		0	-					- 5.2				1286.1		422	
5	N	000		92-00				- 11.3	- 42.0			1249.3		421.	
6		1760		90-30				- 13.8	- 29.2			1262.1		420.	
7		2640		90-40				- 11.0	- 19.7			1272.6		419.	
8		3520		89-40				- 11.0	+ 8.7			1300.0		418.	
9		4400		89-10				- 10.5	+ 53.5			1344.8		417.	
10		4555		89-10				- 8.8	+ 57.4			1349.3	10	8.M.	77 - 3007
11		✓		270-54-50				- 14.0	+ 58.6	58.0		1346.9	ck.		
12															
13									VERTICAL TIE.			+ 2.4			L.J. Lyman
14															25-3-78.
15		730		88-40				+ 8.9	- 8.1			1341.2	Δ		
16	S.	✓		271-40				+ 13.0	- 8.2				ck.		
17		0	-					- 5.4				1335.8		416	
18	N	000		91-30				- 10.5	- 33.5			1307.7		415.	
19															
20															

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 200
 LINE No.(s) 130x PARTY No. 1126 DATE 25 Day 3 Mo. 70 Yr. BOOK No. 1
 SURVEYOR L. LYMAN RODMAN A.K. WEATHER: -15 P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		B.S. OF S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction			Center Hair	INST.			
1															
2	N	1760		91-30				- 8.5	- 54.6		1226.6		414		
3		2640		91-20				- 9.1	- 70.5	70.3	1270.9	0	413		
4		✓		260-44				- 11.7	- 70.0				CK		
5		2640		80-00				+ 6.5	- 85.6	85.7	1185.2	Δ			
6		✓		272-10				+ 13.9	- 85.8				CK		
7		1760		272-10				- 8.0	+ 58.5		1248.7		412		
8	S.	880		272-10				- 8.6	+ 24.6		1209.8		411		
9		0	-					- 6.0			1179.2		410		
10	N	880		92-10				- 11.8	- 45.0		1140.2		409		
11		1760		92-00				- 6.0	- 67.4		1117.8		408		
12		2310		91-50				- 8.6	- 82.5	81.9	1103.3	0			
13		✓		268-20				- 14.1	- 81.3				CK		
14		1200		92-10				+ 14.9	+ 82.9	82.7	1186.0	Δ			
15		✓		267-40				+ 7.3	+ 82.5				CK		
16		1270		265-00				- 11.3	- 121.6		1064.4		407	CREEK	
17	S.	400		258-00				- 12.5	- 93.8		1092.2		406		
18		0	-					- 5.2			1180.8		-	BANK.	
19	N	160		85-20				- 2.8	+ 10.2		1196.2	0			
20		✓		275-20				- 4.6	+ 10.2				CK		

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK PAGE No. 209
 LINE No.(s) 130x PARTY No. 1166 DATE 25 Day 3 Mo. 78 Yr. BOOK No. 1
 SURVEYOR L. L'AMAN RODMAN A.K WEATHER: -15° P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		ΔB.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												1196.2	0			
2		660		91-10				+	14.6	+28.0		1224.2		Δ		
3		✓		268-20				+	8.7	+27.9				ck		
4	S.	330		268-00				-	14.4	-25.9		1198.3			405	
5		0						-	5.2			1219.0			-	
6	N)	550		89-00				-	2.8	+6.8		1231.0			404	
7		800		89-00				-	8.5	+6.9		1231.1	0			
8		✓		271-10				-	10.9	+7.0				ck		
9		1100		91-30				+	6.8	+35.6	+	1266.5		Δ		
10		✓		218-50				+	12.9	+35.3	35.4			ck		
11	S.	550		215-20				-	12.1	-56.7		1209.8			403	
12		0						-	5.3			1261.2			-	
13	N)	330		88-20				-	2.2	+7.4		1273.9			402	
14		1210		88-10				-	8.5	+30.2	+	1296.8	0		401	
15		✓		272-00				-	11.0	+30.4	30.3			ck		
16		3280		72-43-50				+	14.0	+170.1	+	1466.5		Δ		
17		✓		267-12-50				+	10.0	+169.2	169.7			ck		
18		2400		266-40				-	14.5	-153.8		1312.7			400	
19	S.	1520		265-50				-	11.0	-121.1		1345.4			399	
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK PAGE No. 210
 LINE No.(s) 130X PARTY No. 1156 DATE 25 Day 3 Mo. 78 Yr. BOOK No. 1
 SURVEYOR L. LYMAN RODMAN A.K WEATHER: -15° P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion			Center Hair	INST.			
1															
2	S.	640		264-30				-	9.0	-69.9	1396.6		398		
3		0	-						5.3		1461.2		-		
4		250		29-00					4.0	+0.4	1466.9		397		
5		1130		26-30					8.2	+60.7	1527.2	0	396		
6		✓		273-20					4.8	+10.8			CK		
7		1210		72-10				+11.5		+57.2	1584.3		A		
8		✓		267-40				+7.7		+56.9	57.1		CK		
9	S.	330		267-40				-	9.9	-23.3	1561.0		395		
10		0	-						5.2		1579.1		-		
11	N)	220	-						4.6	-4.6	1579.7	0		TP.	
12		✓		270-30					6.5	-4.6			CK		
13															
14															
15															
16															
17															
18															
19															
20															

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 211
 LINE No.(s) 130x PARTY No. 1186 DATE 26 Day 3 Mo. 78 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	Correction	Center Hair			INST.	ROD		
1												1632.9	0	B.M.	77-3006
2															
3		1353		87-54-13				+ 3.9		-44.8	1588.1		Δ		
4	E	✓		272-03-30				+ 3.9		-44.7			CK.		
5		0		-				- 4.8				1583.3			TP.
6												1579.7		RL:	PAGE. 210
7															
8															
9	N	330		90-40				- 12.1		-15.9		1572.2		394.	
10		880		91-20				- 13.0		-33.5		1554.6	0		
11		✓		86-20				- 7.9		-33.5				CK.	
12		2140		86-30				+ 8.9		-152.0	152.2	1402.4	Δ		
13		✓		273-34				+ 13.0		-152.4				CK.	
14		2310		273-30				- 9.8		+131.0		1533.4		393.	
15		1430		272-00				- 2.3		+47.6		1450.0		392.	
16	S.	550		271-00				- 1.8		+7.8		1410.2		391.	
17		0		-				- 5.3				1397.1		-	
18	N	330		92-40				- 4.0		-19.3		1383.1		390.	
19		1210		92-30				- 10.2		-62.9		1339.5		389.	
20															

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 212
 LINE No.(s) 150 X PARTY No. 1186. DATE 24 Day 3 Mo. 7^o Yr. BOOK No. 1
 SURVEYOR L. LYMAN. RODMAN A.K. WEATHER: -15^e 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	N.	1540		12-40				-	11.4	-83.2	1319.4	0		
3		✓		267-19				-	6.8	-82.8	1319.4	ck		
4		880		84-20				+	9.4	-77.1	1242.3	Δ		
5		✓		276-00				+	14.4	-77.1		ck		
6	S.	330		275-20				-	2.5	+28.0	1270.3	388		
7		0						-	5.2		1237.1	-		
8	N	550		97-00				-	9.6	-76.1	1166.2	387		
9		1430		90-30				-	7.6	-20.1	1222.2	386		
10		2300		86-00				-	9.6	+150.4	1393.1	0	385	
11		✓		274-07-50				-	14.0	+151.2	1393.1	ck		
12		990		100-10				+	14.5	+186.5	1579.3	Δ		
13		✓		259-30				+	8.5	+105.9	1579.3	ck		
14	S.	110		257-14-30				-	4.0	-27.7	1551.6	384	STEEP. BANK.	
15		0						-	5.2		1574.1	-		
16	N	445		83-00				-	2.6	+51.0	1630.3	0		
17		✓		277-20				-	5.4	+50.9		ck		
18														
19														
20														

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 213
 LINE No.(s) 130X PARTY No. 1186 DATE 2nd Day 3. Mo. 78 Yr. BOOK No. 1.
 SURVEYOR L. LYMAN RODMAN A.K. WEATHER: -15° 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												1630.3	0		
2		660		90-20				+ 14.3		+18.1	1640.4	4	Δ		
3		✓		267-30				+ 12.2		+18.0			ck.		
4	S.	330	-					- 8.1				1640.3		383.	
5		0	-					- 5.2				1643.2		-	
6	N	550	-					- 8.6				1639.8		382.	
7		1430	-					- 14.9				1638.5		381	
8		2310	-					- 4.5		- 4.5		1644.1	0	380	
9		✓		270-10				- 10.8		- 4.1	4.3		ck		
10		1760		92-00				+ 10.3		+71.7	1715.8	8	Δ		
11		✓		267-50				+ 5.1		+71.6			ck.		
12	S.	880		265-30				- 15.0		- 78.8		1617.0		379	15' 800ST.
13		0						- 5.3				1710.5		378	
14	N	880		86-10				- 9.8		+48.9		1764.7		377.	
15		1760		84-10				- 7.5		+109.9		1825.7	0	376.	
16		✓		274-00				- 12.6		+109.9			ck		
17															
18															
19															
20															

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK PAGE No. 214
 LINE No.(s) 130X PARTY No. 1106 DATE 26 Day 3 Mo. 7 Yr. BOOK No. 1
 SURVEYOR L. LYMAN RODMAN AK WEATHER: -15° WIND. P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		ΔB.S. OF.S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												1825.7	0	376.		
2		1710		94-30			-	13.6		+151.3		1976.0	Δ			
3		✓		265-20				8.3		+151.0	1st.1		ck.			
4	S.	850		265-05				5.5		-21.9		1894.9		375		
5		0						5.8				1971.5		374.		
6	N	274		27-00				4.4		+9.9		1926.7	10	B.M.	77-3005.	
7		✓		273-30				6.0		+9.9		1922.9	ck			
8																
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. 215
 LINE No.(s) 130 X - PARTY No. 1186 DATE 29 Day 3 Mo. 7 Yr. BOOK No. 1
 SURVEYOR L. LYMAN RODMAN A.K. WEATHER: -20° WIND _____ P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion			Center Hair	INST.			
1											1782.9	o	B.M. 77-300 S		
2													ARCHIMEDES RIDGE.		
3															
4		1030		79-00				+ 13.0	- 179.9	80.2	1802.7	Δ			
5		✓		280-40				+ 6.8	- 180.6			CK			
6	S.	410		278-30				- 6.0	+ 53.9		1856.6		373		
7		0	-					- 5.2			1797.5		-		
8	N	280		99-00				- 13.3	- 56.4	56.5	1746.2	o			
9		✓		260-30				- 10.8	- 56.4			CK			
10		220		81-00				+ 1.6	- 125.1	1621.1		Δ			
11		✓		279-20				+ 6.2	- 125.0			CK			
12	S.	610		277-00				- 5.1	+ 68.7		1689.8		372		
13		0	-					- 5.2			1615.9		-		
14	N	270		101-30				- 11.3	- 64.0		1557.1		371		
15		1160		108-20				- 11.2	- 215.9		1405.2		370		
16		2040		98-40				- 10.3	- 314.2		1306.9	o	369		
17		✓		261-27				- 14.3	- 314.2		1520.6	CK			
18															
19															
20															

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 216
 LINE No.(s) 130X. PARTY No. 1186. DATE 29 Day 3. Mo. 78. Yr. BOOK No. 1.
 SURVEYOR L. CYMAN. RODMAN A.K. WEATHER: WIND. P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												1306.9	0	369		
2		1760		85-32-50				+ 12.0	- 124.2		124.1	1182.5	A			
3		✓		274-20				+ 8.0	- 124.6				CK			
4	S.	880		274-00				- 6.0	+ 55.2			1237.7		365		
5		0	-					- 5.3				1177.2		367		
6	N	880		93-00				- 7.6	- 53.6			1128.9		366		
7		1760		93-00				- 14.9	- 106.9		106.7	1075.0	0	365		
8		✓		266-50				- 9.5	- 106.6				CK			
9		1760		97-10				+ 15.0	- 71.9		72.0	1008.8	A			
10		✓		272-40				+ 9.7	- 72.1				CK			
11	S.	880		272-40				- 9.5	+ 31.4			1035.2		364		
12		0	-					- 5.2				998.6		363		
13	N	880		92-00				- 5.5	- 36.2			967.6		362		
14		1760		91-50				- 8.3	- 64.6		64.4	939.4	0	361		
15		✓		260-20				- 13.1	- 64.3				CK			
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 217
 LINE No.(s) 130X PARTY No. 1186 DATE 27 Day 3 Mo. 78 Yr. BOOK No. 1
 SURVEYOR L. LYMAN RODMAN A.K. WEATHER: WIND. 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												939.4	0	361.	
2		1760		88-10				+	10.5	-45.8	76.0	893.4	Δ		
3		✓		271-55				+	12.7	-46.1			CK		
4	S.	880		271-30				-	4.0	+19.0		912.4		360	
5		0	-					-	5.2			888.2		359	
6	N	880		91-00				-	11.5	-26.9		866.5		358	
7		1760		91-10				-	10.1	-45.9		847.5		357	
8		2640		91-00				-	12.8	-58.9	58.7	834.7	0	356	
9		✓		268-54				-	7.8	-58.5			CK		
10		2640		89-30				+	3.8	-19.2	19.4	815.3	Δ		
11		✓		270-40				+	11.2	-19.5			CK		
12		1760		270-20				-	4.0	+6.2		821.5		355	
13	S.	880		269-50				-	13.7	-16.3		799.0		354	
14		0	-					-	5.3			810.0		353	
15	N	550		91-30				-	7.4	-21.8		793.5	0		
16	I	✓		269-00				-	12.1	-21.7			CK		
17															
18															
19															
20															

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK PAGE No. 218
 LINE No.(s) 130X PARTY No. 1186 DATE 29 Day 3 Mo. 78 Yr. BOOK No. 1
 SURVEYOR L. LYMAN RODMAN A.K. WEATHER: WIND, SNOW 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												793.5	0			
2		1210		91-30				+ 13.2		+44.9		838.3	Δ			
3		✓		268-20				+ 9.5		+44.7	44.8		CK			
4	S.	880		266-20				- 11.7		-67.9		770.4		352		
5		0						- 5.3				833.0		351		
6	N	880		86-30				- 4.3		+49.3		887.6		350		
7		1760		86-00				- 4.3		+118.2		956.5		349		
8		2640		84-10				- 4.6		+262.3		1100.8	0	348		
9		✓		276-00				- 11.8		+262.6	262.5		CK			
10		1430		91-30				+ 12.0		+172.8		1273.5	Δ			
11		✓		713-35-30				+ 14.0		+172.6	172.7		CK			
12	S.	550		263-20				- 8.7		-72.1		1201.4		347		
13		0						- 5.2				1268.3		-		
14	N	330		85-30				- 3.8		+22.0		1295.5		346		
15		700		85-50				- 10.2		+40.5		1314.0	0	B.M.	78-402	
16		✓		274-20				- 12.2		+40.5		1320.6	CK			= 78-2004
17																
18										VERTICAL		-6.6			L. J. Lyman	
19										T.I.E.						
20																29-3-78

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 219
 LINE No.(s) 130X. PARTY No. 1186 DATE 30 Day 3. Mo. 7^o Yr. BOOK No. 1.
 SURVEYOR L. LYMAN. RODMAN A.K. WEATHER: - 20^o wind. P.T.S. No. _____
✓- 5000.

LINE	Searing 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												1320.6	0	8.17	78-406	
2																
3		105	-							+1.6	1322.2		Δ			
4	S.	✓		271-00						+1.6				CK		
5		0	-									1317.0		-		
6	N	330		95-00						-38.6		1283.6		345.		
7		1210		94-00						-94.5	94.3	1227.9	0	344.		
8		✓		265-50						-94.1				CK		
9		2090		86-30						-115.1	115.3	1112.6	Δ			
10		✓		273-33-35						-115.5				CK		
11		1210		272-30						+49.4		1162.0		343.		
12	S.	330		271-30						+5.4		1118.0		342		
13		0	-									1107.4		-		
14	N	550		92-10						-32.0		1079.8		341.		
15		1430		91-30						-48.0		1064.6		340.		
16		1760		90-20						-23.8	23.6	1089.0	0			
17		✓		269-30						-23.4				CK		
18																
19																
20																

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C. J. L.

CHECKED BY 1st

2nd

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 220
 LINE No.(s) 130X- PARTY No. 1186 DATE 30 Day 3 Mo. 78 Yr. BOOK No. 1
 SURVEYOR L. LITMAN. RODMAN AK. WEATHER: WIND. -20° 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												1089.0	0			
2		1040		70-30				+	11.0		+20.1	1109.1		Δ		
3		✓		269-20				+	7.7		+20.0			CK		
4	S.	490		269-05				-	13.0		-21.6		1087.5		339.	
5		0		-				-	5.2				1103.7		-	
6	N	390		93-30				-	13.6		-37.4		1071.7		238.	
7	N	1270		94-00				-	5.1		-93.5		1015.6		337.	
8		2150		93-20				-	10.0		-134.8		974.3		336.	
9		2700		92-30				-	12.6		-130.3	130.2	970.9	0		
10		✓		267-32.03				-	14.0		-130.1				CK	
11		2078		88-09-30				+	14.4		-52.7	52.8	926.1	Δ		
12		✓		271-52-20				+	15.0		-52.9				CK	
13		1748		271-36-40				-	15.0		+34.1		960.2		335.	
14	S.	268		271-00				-	6.6		+8.5		934.6		234	
15		0		-				-	5.3				920.8		2	85X / 130X.
16																IRON PIPE
17																
18	W	280		-				-	9.7		-9.7		916.4		2131	LINE-85X
19		✓		269-50				-	8.9		-9.7		917.0		CK.	RE: PAGE 18
20												VERTICAL				BK-3.
												TIE	-0.6			

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L. J. L.

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2nd

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 221
 LINE No. (s) 130X PARTY No. 1186 DATE 31 Day 3 Mo. 7 Yr. BOOK No. 1
 SURVEYOR C. LYMAN RODMAN A.K. WEATHER: WIND. - 10 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	N	12	-						5.3				920.8		333	✓
2	N	892	-						13.4	-13.4			912.7	0	332	
3		✓		269-40					8.1	-13.3						CK
4		2310		90-26-35					14.0	+31.9			944.4			Δ
5		✓		269-27-56					10.0	+31.5		31.7				CK
6		1430		269-30					13.0	-26.3			918.1		331	
7	S.	550		269-30					9.2	-14.0			930.4		330	
8		0	-						5.4				939.0			
9	N	330	-						5.1				939.3		329	
10		880	-						7.2	-7.2			937.2	0	328	
11		✓		270-20					12.2	-7.1						CK
12		2640		89-51-44					14.0	+7.7			944.6			Δ
13		✓		270-03-46					10.0	+7.1		7.4				CK
14		2310	-						12.0				932.6		327	328.
15		1430		-1/2					9.7	-7.1		-16.0	927.8		326	327.
16	S.	550	-						7.5				937.1		325	326.
17			-						5.3				939.3			
18	N	330		90-30					14.3	-17.2			927.4		324	325.
19																
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 222
 LINE No.(s) 130X PARTY No. 1186 DATE 31 Day 3 Mo. 7 Yr. BOOK No. 1
 SURVEYOR L. LYMAN RODMAN AK WEATHER: -10° WIND _____ P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR. VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2	N	1210		91-20				-	8.4		- 36.5		908.1		323	324.
3		2090		90-40				-	11.2		- 35.5		909.1		322	323.
4		2970		90-10				-	8.6		- 17.2	17.0	927.6	0	321	322.
5		✓		219-56-45				-	14.0		- 16.8				CK	
6		2310		91-40-22				+	15.0		+ 22.4	+	1009.8		Δ	
7		✓		210-12-52				+	10.0		+ 21.9	82.2			CK	
8		1430		267-40				-	12.0		- 70.2		939.6		320	321.
9	S.	550		267-40				-	8.8		- 31.2		770.6		319	320.
10		0						-	5.3				1004.5		-	
11	N	330		89-20				-	6.4		- 2.6		1007.2		318	319.
12		1210		89-20				-	10.2		+ 3.9		1013.7		317	318.
13		1500		89-20				-	11.5		+ 6.9	+	1016.8	0	B.M	77-300Z
14		✓		270-30				-	6.7		+ 7.1	7.0			CK	
15													1016.6			
16																
17											VERTICAL.					
18											TIE.		+0.2			L.J. Lyman
19																31-3-78.
20																

TI-588B

WORKED BY L.J.L. CHECKED BY 1st _____ 2nd _____

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 223
 LINE No.(s) 150 X PARTY No. 1126 DATE 1 Day 4 Mo. 7^o Yr. BOOK No. 1
 SURVEYOR L. LYMAN. RODMAN A.K. WEATHER: -10° WIND. 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											1016.6	0	B.M.	77-3002
2														
3		1410		88-20					+ 8.8	- 38.5	38.6	978.0	▲	
4		✓		271-50					+ 12.7	- 38.8			CK.	
5		1100		271-00					- 10.3	+ 8.9		986.9		317
6	S.	220	-						- 4.4			973.6		314.
7		0	-						- 5.2			972.8		-
8	N	660		94-20					- 9.1	- 58.8		919.2		315.
9		1540		93-20					- 12.6	- 102.0		876.0		314.
10		2420		91-10					- 10.6	- 59.9	59.7	918.3	0	313.
11		✓		268-40					- 8.2	- 59.5			CK.	
12		1760		93-30					+ 10.5	+ 117.7	117.6	1035.9	▲	
13		✓		266-20					+ 5.2	+ 117.5			CK.	
14	S.	880		266-00					- 12.0	- 73.2		962.7		312
15		0	-						- 5.2			1030.7		311.
16	N	880		83-30					- 8.3	+ 90.7		1126.6		310.
17		1760		82-30					- 13.2	+ 214.6		1250.5		309.
18		2320		82-20					- 6.4	+ 300.3		1336.2	0	
19		✓		277-50					- 12.9	+ 300.3			CK.	
20														

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CHECKED BY 1st _____

2nd _____

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK PAGE No. 224
 LINE No.(s) 130 X PARTY No. 1166 DATE 1 Day 4 Mo. 7^o Yr. BOOK No. 1
 SURVEYOR L. LYMAN RODMAN A.K. WEATHER: WIND - 10° 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												1386.2	0			
2		630		93-00				+ 12.4		+45.3		1381.5	Δ			
3		✓		266-50				+ 10.5		+45.2			OK			
4	S.	300		266-30				- 11.4		-29.7		1351.8		308		
5		0	-					- 5.2				1376.3		-		TP.
6	N	470		94-00				- 8.6		-41.3		1340.2	0			
7		✓		266-40				- 14.0		-41.3			OK			
8		1620		94-30				+ 10.4		-144.2	144.4	1195.8	Δ			
9		✓		275-20				+ 5.3		-144.6			OK			
10		1510		275-00				- 4.2		+126.9		1322.7		307		
11	S.	640		271-20				- 4.0		+10.9		1206.7		306		
12		0	-					- 5.2				1190.6		-		
13	N	240		76-00				- 13.5		-38.4		1157.4		305		
14		1120		93-00				- 5.8		-64.3		1131.5		304		
15		1410		92-30				- 12.0		-73.4	73.3	1122.5	0			
16		✓		267-20				- 7.7		-73.2			OK			
17																
18																
19																
20																

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L.G.L.

CHECKED BY 1st

2nd

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK PAGE No. 225
 LINE No.(s) 130x PARTY No. 1186 DATE 1 Day 4 Mo. 78 Yr. BOOK No. 1
 SURVEYOR L. L. MAN RODMAN AK WEATHER: WIND -10° 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													1122.5	0		
2		1470		27-00				+	0.3		-68.5	68.6	1053.9	Δ		
3		✓		273-10				+	12.4		-68.7			CK		
4	S	080	-					-	0.7				1053.2		303	
5		0	-					-	5.2				1048.7		302	
6	N	080	-					-	11.3				1042.6		301	
7		1760		89-20				-	10.4		+10.1		1064.0		300	
8		1980		89-20				-	12.8		+10.2		1064.3	0		
9		✓		270-30				-	6.8		+10.5	10.4		CK		
10		1890		89-20				+	3.0		-18.9	79.0	1045.3	Δ		
11		✓		270-50				+	8.2		-19.1			CK		
12		1210		269-40				-	12.6		-19.6		1025.7		299	
13	S	330	-					-	13.4				1031.9		298	
14		0	-					-	5.2				1040.1		-	
15	N	220		90-30				-	14.0		-15.9		1029.4	0		
16		✓		268-00				-	8.2		-15.9			CK		
17																
18																
19																
20																

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L. J. L.

CHECKED BY 1st

2nd

STADIA SURVEY NOTES

AK.

AREA _____ STATE or PROVINCE _____ PAGE No. 226
 LINE No.(s) 130X PARTY No. 1186 DATE 1 Day 4 Mo. 7 Yr. BOOK No. 1
 SURVEYOR L. LYMAN RODMAN A.K. WEATHER: WIND. -10E P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		ΔB.S. OF.S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1													1029.40			
2		2090		83-20				+10.4		-230.6		230.7	798.7	Δ		
3		✓		276-48-24				+14.0		230.9				CK		
4		1760		276-40				-5.8		+197.1			995.8		297	
5	S.	880		275-00				-2.6		+73.8			872.5		296	
6		0	-					-5.3					793.4		295	
7	N	880		93-00				-4.8		-50.8			747.9		294	
8		1120		93-00				-6.4		-64.9			733.9	0	SP.	27° (1976)
9		✓		267-20				-12.4		-64.7	64.8			CK		IRON-PIPE-
10													729.0			LINE. 130X.
11										VERTICAL						PT 1186
12										TIE.			+4.9			
13		0	-					+5.8				739.7		Δ		
14	N	640		93-00				-12.2		-45.6			694.1		293	LAST. SP.
15																
16	N.	3170		91-39-14				-4.0		-95.5			644.2	#		12. T.S.
17	N.	5810		91-19-43				-4.0		-138.7			601.0	#		24 T.S.
18	N.	7570		91-12-50				-4.0		-164.3			575.4	#		32 T.S.
19	N.	11090		91-05-16				-4.0		-214.5			525.2	#		48 T.S.
20																

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CHECKED BY 1st _____

2nd _____