

### STADIA SURVEY NOTES

AREA KILLIK RIVER STATE or PROVINCE AK. PAGE No. 1.  
 LINE No.(s) 719 PARTY No. 1186 DATE 28 Day 3 Mo. 1980 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN RODMAN D. D. 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				<u>TAKE-off</u>									<u>1025.9</u>	<u>0</u>	<u>BM</u>	<u>80077</u>
2															<u>101</u>	
3		<u>385</u>		<u>88-00</u>				<u>+</u>	<u>5.1</u>	<u>- 8.3</u>	<u>1017.6</u>			<u>A</u>		
4	<u>SE</u>	<u>✓</u>		<u>272-30</u>				<u>+</u>	<u>0.5</u>	<u>- 8.3</u>				<u>CK</u>		
5		<u>0</u>		<u>-</u>				<u>-</u>	<u>5.3</u>			<u>1012.3</u>				
6	<u>NW</u>	<u>495</u>		<u>94-55-20</u>				<u>-</u>	<u>5.0</u>	<u>- 47.3</u>		<u>990.3</u>			<u>100</u>	
7		<u>✓</u>		<u>265-04-38</u>				<u>-</u>	<u>5.0</u>	<u>- 47.3</u>				<u>✓</u>		
8																
9		<u>1760</u>		<u>70-18-30</u>				<u>-</u>	<u>5.0</u>	<u>- 14.5</u>		<u>1003.1</u>	<u>0</u>	<u>TS</u>	<u>#12</u>	
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

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### STADIA SURVEY NOTES

AREA KILLIK RIVER STATE or PROVINCE AK PAGE No. 2  
 LINE No.(s) 719 PARTY No. 1186 DATE 28 Day 3 Mo. 80 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN RODMAN D. M. 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												1025.9	⊙	BM.	80077
2														101.	
3		3465		89-50-53				+	6.0	- 3.2	1022.7		Δ		
4	SE.														
5		0		-					-	5.3		1017.4		TS.	# 24.
6															
7	NW	1320		90-17-10					-	5.0	- 11.6	1011.1	⊙	TS.	# 36.
8															
9		770		89-39					+	5.0	+ 0.3	1011.4		Δ	
10	SE.														
11		0		-						-	5.3	1006.1		TS.	# 43.
12															
13	NW	550		93-16						-	5.0	- 36.3	975.1	TS.	# 48.
14															
15															
16															
17															
18															
19															
20															

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### STADIA SURVEY NOTES

AREA KILLIK RIVER STATE or PROVINCE AK PAGE No. 3  
 LINE No.(s) 719 PARTY No. 1186 DATE 28 Day 3 Mo. 1970 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN RODMAN D.M. 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											1025.9	0	BM.	10077.	
2													101.		
3															
4		000		07-50				+ 13.9	- 19.3	1006.6		Δ			
5	NW	✓		272-14-05				+ 15.0	- 19.3			CK			
6		0		-				- 5.3			1001.3		102		
7	SE	000		94-00				- 5.7	- 66.9		939.7		103	1001.1 gully	
8		1760		09-30				- 6.0	+ 9.4 ✓		1016.0	0	104		
9		✓		270-40				- 11.0	+ 9.5				CK		
10		2640		70-19-00				+ 14.0	+ 28.6	1044.5		Δ			
11		✓		269-41-10				+ 14.0	+ 28.5-				CK		
12		1760		-				- 13.4			1030.9		105	1030.5	
13	NW	000		-				- 0.3			1036.2		106		
14		0		-				- 5.3			1039.2		107	TP	
15	SE	000		-				- 4.9	- 4.9		1039.6	0	108		
16		✓		270-80				- 10.0	- 4.9.				CK		
17															
18															
19															
20															

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**STADIA SURVEY NOTES**

AREA KILLIK RIVER STATE or PROVINCE AK. PAGE No. 4  
 LINE No.(s) 719 PARTY No. 1186 DATE 28 Day 3 Mo. 20 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN RODMAN D. M. 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		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion			Center Hair	INST.			
1											1039.6	0	108.		
2		1760		29-50				+ 4.5	- 0.6 v	1039.0		Δ			
3		✓		270-20				+ 9.7	- 0.5			CK			
4	NW	200		-				- 12.0			1027.0		109.	1026.4	
5		0		-				- 5.3			1033.7		110.		
6	SE.	200		90-30				- 10.7	- 18.4		1020.6	0	111.		
7		✓		267-20				- 8.2	- 12.4				CK		
8		495		26-00				+ 8.8	- 25.6	995.0		Δ			
9	NW	✓		274-20				+ 11.7	- 25.6			CK			
10		0		-				- 5.3			989.7		-	988.9	
11	SE.	385		79-00				- 11.5	- 71.0		924.0		112.	923.2	
12		250		100-00				- 14.5	- 159.9		835.1			RIVER. KUCHER	
13															
14		1265		75-40				- 8.0	- 132.3		862.7		113.		
15		2140		92-10				- 7.5	- 90.3		904.7		114.		
16		3020		90-30				- 7.0	- 33.4		961.6		115.		
17		3900		89-40				- 14.9	+ 7.7		1002.7	0	116.		
18		✓		270-15-35				- 10.0	+ 7.7				CK		
19															
20															

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### STADIA SURVEY NOTES

AREA KILLIK RIVER STATE or PROVINCE AK PAGE No. 5  
 LINE No.(s) 719 PARTY No. 1186 DATE 29 Day 3 Mo. 80 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN RODMAN D. M. WEATHER: - 30° 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.			
1											1002.7	0	116		
2															
3		1760		92-00				+ 12.8	+ 74.2	1076.9		Δ			
4		✓		267-50				+ 7.8	+ 74.3			CK			
5	NW	880		268-5				- 10.2	- 40.9	1036.0			117	1035.0	
6		0		-				- 5.4		1071.5			118		
7	SE	880		87-30				- 8.2	+ 30.1	1107.0			119		
8		1760		87-30				- 6.2	+ 70.5	1147.4			120		
9		2035		87-30				- 10.3	+ 77.4	1155.2		0			
10		✓		272-35-50				- 14.0	+ 78.1			CK			
11		1485		91-20				+ 12.7	+ 47.2	1202.6		Δ			
12		✓		268-30				+ 8.6	+ 47.5			CK			
13	NW	880		268-30				- 6.3	- 29.3	1173.3			121	1172.0	
14		0		-				- 5.4		1197.2			122		
15	SE	880		-				- 2.7	- 2.7	1199.9		0	123		
16		✓		270-20				- 7.8	- 2.7			CK			
17															
18															
19															
20															

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### STADIA SURVEY NOTES

AREA \_\_\_\_\_ STATE or PROVINCE AK PAGE No. 6  
 LINE No.(s) 719 PARTY No. 1184 DATE 29 Day 3 Mo. 80 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. L. MAN RODMAN D. M. WEATHER: -30° 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												1199.9	0	123.		
2		1760		29- <del>00</del>				+ 7.6	- 23.1			1176.9	Δ			
3		✓		271-10				+ 13.0	- 22.8				CK.			
4	NW	180		270-30				- 4.6	+ 3.1			1180.0		124.	1178.6	
5		0		-				- 5.4				1171.5		125.		
6	SE.	180		89-20				- 6.4	+ 3.8			1180.7		126.		
7		1760		89- <del>00</del>				- 6.3	+ 24.4			1201.3		127.		
8		2640		88-50				- 7.3	+ 41.4			1223.3		128.		
9		3520		88-48-43				- 14.0	+ 64.1	14.0		1240.9	0	129.	T.P.	
10		✓		271-16-07				- 14.0	+ 63.9				CK			
11		1760		88-40				+ 12.2	- 28.7	6	1212.3		Δ			
12		✓		271-10				+ 7.3	- 28.5				CK			
13	NW	800		271-10				- 6.2	+ 11.7			1224.0		130	1222.4	
14		0		-				- 5.3				1207.0		131.		
15	SE.	800		91- <del>00</del>				- 8.2	- 23.6			1188.7		132.		
16		1760		-				- 6.8				1205.5		133.		
17		2640		89-20				- 14.0	+ 16.7			1229.0		134.		
18		3520		89-20				- 7.3	+ 33.7			1246.0		135.		
19																
20																

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### STADIA SURVEY NOTES

AREA \_\_\_\_\_ STATE or PROVINCE AK. PAGE No. 7.  
 LINE No.(s) 719. PARTY No. 1126. DATE 29. Day 3 Mo. 80 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN. RODMAN D.M. 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	SE.	4400		89-05-42				- 14.0		+ 55.5		1267.5	0	136.		
3		✓		70-50-42				- 10.0		+ 54.9			CK.			
4		880		-				+ 13.6		+ 13.6	1281.1		Δ			
5	NW.	✓		269-30				+ 6.0		+ 13.7			CK.			
6		0		-				- 5.4				1275.7		137.	1274	
7	SE.	880		-				- 12.7				1268.4		138.		
8		1760		-				- 10.5				1270.3		137.		
9		2640		89-30				- 11.6		+ 11.4		1292.5		140.		
10		3520		89-10				- 10.7		+ 40.5		1321.6		141.		
11		4400		88-53-56				- 15.0		+ 69.5		1350.6		142.		
12		4470		88-56				- 14.0		+ 69.2	69.0	1350.1	0	BM.	20075.	
13		✓		271-03-45				- 14.0		+ 68.9			CK			
14												1348.4				
15												+ 1.7			VERTICAL TIE.	
16																
17																
18																
19																
20																

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### STADIA SURVEY NOTES

AREA \_\_\_\_\_ STATE or PROVINCE AK PAGE No. 8  
 LINE No.(s) 719 PARTY No. 1186 DATE 30 Day 3 Mo. 80 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN RODMAN D.M. 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		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												1348.4	0	B.M.	80075.	
2																
3		2570		88-50				+ 14.8		- 37.5	1311.0		A			
4		✓		271-00				+ 7.6		- 37.2			ck			
5		1710		270-30				- 7.1		+ 8.3		1319.3		143.	1319.2	
6	NW	880		-				- 14.8				1296.2		144		
7		0		-				- 5.3				1305.7		145.		
8	SE	880		91-40				- 10.1		- 35.7		1275.3	0	146.		
9		✓		268-30				- 12.7		- 35.7			ck			
10		1710		88-00				+ 3.5		- 57.9	1217.4		A			
11		✓		272-10				+ 8.6		- 57.9			ck			
12		880		271-00				- 3.0		+ 12.4		1229.8		147	1229.6	
13		0		-				- 5.4				1212.0		148.		
14		880		87-00				- 4.7		+ 41.3		1258.7		149.		
15		1760		87-00				- 10.7		+ 81.3		1298.7	0	150. ✓		
16		✓		272-50				- 5.6		+ 81.3			ck			
17																
18																
19																
20																

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### STADIA SURVEY NOTES

AREA \_\_\_\_\_ STATE or PROVINCE AK PAGE No. 9  
 LINE No.(s) 719 PARTY No. 1186 DATE 30 Day 3 Mo. 80 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN RODMAN D. M. 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		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												1298.7	0	150		
2		1760		91-40				+ 9.2		+ 60.4		1359.2	Δ			
3		✓		268-30				+ 14.5		+ 60.6			CK			
4	NW	800		268-30				- 10.0		- 33.0		1326.2		151	1325.9	
5		0		-				- 5.3				1353.9		152		
6	SE	605		-				- 6.8		- 6.8		1352.4	0	3		
7		✓		270-20				- 10.3		- 6.8			CK			
8		1155		87-10				+ 8.8		- 48.2		1304.3	Δ			
9		✓		273-00				+ 12.3		- 48.1			CK			
10		800		273-00				- 8.0		+ 38.0		1342.3		153	1341.9	
11		0		-				- 5.3				1299.0		154		
12		800		92-10				- 7.7		- 40.9		1263.4		155		
13		1760		92-10				- 13.0		- 79.5		1224.8	0	156.4		
14		✓		267-40				- 8.0		- 79.6			CK			
15		1760		89-40				+ 7.6		- 0.6		1224.2	Δ			
16		✓		270-30				+ 14.0		- 0.6			CK			
17		800		269-50				- 13.0		- 15.6		1208.6		157	1208.1	
18		0		-				- 5.2				1217.0		158		
19		800		-				- 1.0		- 1.0		1223.2	0	159.5		
20		✓		270-20				- 6.1		- 1.0			CK			

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### STADIA SURVEY NOTES

AREA \_\_\_\_\_ STATE or PROVINCE AK PAGE No. 10  
 LINE No.(s) 719 PARTY No. 1186 DATE 30 Day 3 Mo. 80 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LITMAN RODMAN D. M. 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.			
1											1223.2	0	157		
2		880		88-40			+	9.0	-11.5	1211.8		Δ			
3	NW	✓		271-40			+	14.2	-11.4			CK			
4		0		-			-	8.4			1206.4		110.	1205.8	
5	SE.	880		92-40			-	6.4	-47.3		1164.5		161.		
6		1760		90-30			-	6.2	-22.0		1189.8		162.		
7		2640		89-40			-	11.1	+4.3		1216.0	0	163.6		
8		✓		270-0			-	3.2	+4.1				CK		
9		1760		90-50			+	7.2	+32.8	1248.8		Δ			
10		✓		269-20			+	12.4	+32.9				CK		
11	NW	880		268-40			-	10.5	-31.0		1217.8		114	1217.2	
12		0		-			-	5.3			1243.5		165.		
13	SE.	880		91-00			-	12.5	-27.9		1220.9		166.		
14		1760		-			-	4.8			1244.0		167.		
15		2640		89-00			-	2.8	+43.3		1292.1		168.		
16		3520		88-20			-	4.8	+97.5		1346.3		169.		
17		4329		87-55-46			-	14.0	+142.3		1391.0	0	B.M.	80074.	
18		✓		272-04-00			-	14.0	+142.0				CK		
19											1390.4				
20											+0.6			VERTICAL TIE.	

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L.J.L.

CHECKED BY 1st

2nd

### STADIA SURVEY NOTES

AREA KILLIK RIVER STATE or PROVINCE AK. PAGE No. 11.  
 LINE No.(s) 719. PARTY No. 1186. DATE 30 Day 3. Mo. 80 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LTMAN. RODMAN D. M. WEATHER: -20° wind, fog. 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											1390.4	0	B.M.	20074	
2															
3		1831		88-14-26				+ 14.0	- 42.2	1348.2			Δ		
4		✓		271-45-30				+ 14.0	- 42.2				CK		
5		1760		271-40				- 10.0	+ 41.2		1389.4		170	1389.5	
6	NW	880		271-40				- 2.0	+ 23.6		1371.8		171		
7		0		-				- 5.3			1342.9		172		
8	SE.	880		92-20				- 8.2	- 44.0		1304.2		173		
9		1760		92-20				- 10.4	- 82.0		1266.2	0	174		
10		✓		267-30				- 5.4	- 82.1				CK		
11		1760		87-30				+ 4.5	- 72.2	1194.1			Δ		
12		✓		272-40				+ 9.7	- 72.1				CK		
13		880		271-00				- 6.1	+ 9.3		1203.4		175	1203.7	
14		0		-				- 5.3			1188.8		176		
15		880		71-00				- 6.0	- 21.4		1172.7		177		
16		1760		89-50				- 2.7	+ 2.4		1196.5		178		
17		2135		89-40				- 8.3	+ 4.1	1199.1		0	N		
18		✓		270-30				- 14.7	+ 3.9				CK		
19															
20															

TI-588B

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### STADIA SURVEY NOTES

AREA \_\_\_\_\_ STATE or PROVINCE AK. PAGE No. 12.  
 LINE No.(s) 719. PARTY No. 1186. DATE 30. Day 3. Mo. 80 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN. RODMAN \_\_\_\_\_ 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.			
1												1198.1	0		
2		3135		90-30				+ 13.3	+ 40.7	1238.8			Δ		
3		✓		269-20				+ 4.2	+ 40.7				CK		
4		2640		269-00				- 18.0	- 59.1			1179.7	179.	1180.1	
5		1760		267-10				- 4.0	- 90.9			1147.9	180.		
6	NW	000		267-00				- 8.8	- 54.8			1184.0	181.		
7		0		-				- 5.4				1233.4	182.		
8	SE.	000		91-00				- 11.0	- 27.2			1211.6	0	183.2	
9		✓		269-10				- 14.4	- 27.2				CK		
10		1710		87-30				+ 8.5	- 68.2	1143.5			Δ		
11		✓		272-40				+ 13.8	- 68.0				CK		
12		000		272-00				- 2.2	+ 28.5			1172.0	184	1172.5	
13		0		-				- 5.3				1138.2	185.		
14		000		93-00				- 7.0	- 53.0			1090.5	186.		
15		1760		91-30				- 8.1	- 54.2			1089.3	187.		
16		2640		-				- 10.1				1133.4	188.		
17		3520		89-30				- 6.8	+ 23.9			1167.2	0	189.4	
18		✓		770-36-35				- 14.0	+ 23.5				CK		
19															
20															

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L. L.

CHECKED BY 1st

2nd

**STADIA SURVEY NOTES**

AREA \_\_\_\_\_ STATE or PROVINCE AK. PAGE No. 13.  
 LINE No.(s) 719. PARTY No. 1196. DATE 3<sup>o</sup> Day 3. Mo. 8<sup>o</sup> Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN. RODMAN D. M. WEATHER: -20° wind, fog. 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												1167.2	0	189		
2		000		-				+ 14.5		+ 14.5	1181.8		Δ			
3	NW	✓		269-50				+ 12.1		+ 14.7			CK			
4		0		-				- 5.2				1176.5		190	1177.2	
5	SE.	000		-				- 8.2				1173.6		191.		
6		1760		-				- 2.5				1179.3		192.		
7		2151		-				- 8.3		- 8.3		1173.5	0	BM. 4	192 + 391.	
8		✓		270-09				- 14.0		- 8.4			CK	800 69.		
9												1174.2				
10												- 0.7		VERTICAL TIE.		
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

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### STADIA SURVEY NOTES

AREA KILLIK RIVER STATE or PROVINCE AK. PAGE No. 14.  
 LINE No.(s) 719. PARTY No. 1126. DATE 31. Day 3. Mo. 80 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LAMAN RODMAN D. M. 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												1174.2	0	BM.	20069	
2																
3		4009		87-02-39				+ 14.0		- 192.5	981.9		Δ			
4		✓		272-57				+ 14.0		- 192.0			ck.			
5		3520		272-40				- 10.5		+ 153.1		1135.0		193		
6		2640		-				- 7.1				974.8		194	KURUPA RIVER.	
7															VALLEY.	
8		1760		-				- 7.8				974.1		195	KURUPA RIVER.	
9	NW.	200		-				- 10.5				971.4		196	KURUPA ICE.	
10		0		-				- 5.3				976.6		197		
11	SE.	200		-				- 4.7				977.2		198		
12		1760		-				- 3.8				978.1		199		
13		2640		89-20				- 9.0		+ 21.7		1003.6		200		
14		3520		89-00				- 3.8		+ 57.6		1039.5		201		
15		4400		80-24-10				- 14.0		+ 108.6		1090.3	0	202		
16		✓		271-32-28				- 10.0		+ 108.3				ck.		
17																
18																
19																
20																

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### STADIA SURVEY NOTES

AREA \_\_\_\_\_ STATE or PROVINCE AK. PAGE No. 15.  
 LINE No.(s) 719. PARTY No. 1186. DATE 31. Day 3. Mo. 80 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN. RODMAN D. M. 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												1090.3	0	202		
2		4400		90-57-13				+ 14.0	+ 87.2	1177.8			Δ			
3		✓		260-59-09				+ 10.0	+ 87.7				CK			
4		2520		268-30				- 11.7	- 103.8			1074.0		203.		
5		2640		267-30				- 2.8	- 131.5			1046.3		204.		
6		1760		266-30				- 5.5	- 112.7			1065.1		205.		
7	NW	000		267-00				- 11.7	- 57.7			1120.1		206.		
8		0		-				- 5.3				1172.5		207.		
9	SE.	000		07-00				- 7.0	+ 39.0			1216.8		208.		
10		1760		07-00				- 15.0	+ 77.0			1254.8		209.		
11		2640		07-00				- 12.8	+ 125.7			1303.3	0	210.		
12		✓		272-50				- 5.0	+ 125.3				CK			
13		000		92-20				+ 12.2	+ 48.0	1351.3			Δ			
14	NW	✓		267-30				+ 9.7	+ 48.0				CK			
15		0		-				- 5.3				1346.0		211.		
16	SE.	262		-				- 3.2	- 3.2			1348.1	0	B.M.	00073.	
17		✓		271-00				- 7.8	- 3.2			1348.2	CK			
18												-0.1		VERTICAL.		
19														TIE.		
20																

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### STADIA SURVEY NOTES

AREA \_\_\_\_\_ STATE or PROVINCE AK PAGE No. 16  
 LINE No.(s) 719 PARTY No. 1186 DATE 31 Day 3 Mo. 80 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN RODMAN D. M. WEATHER: - 20° 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												1348.2	⊙	B.M.	800 73	
2																
3		620		88-40				+ 6.1	- 8.3	1339.9			Δ			
4	NW	✓		271-40				+ 7.8	- 8.2				ck			
5		0		-				- 5.4				1334.5		212	1334.7	
6	SE	880		92-10				- 10.6	- 43.8			1296.1		213		
7		1760		92-10				- 8.5	- 75.0			1264.9		214		
8		2140		92-00				- 8.2	- 100.3			1239.6		215		
9		3520		91-20				- 10.6	- 92.5			1247.0	⊙	216		
10		✓		228-42-28				- 14.0	- 93.4				ck			
11		1760		90-20				+ 10.0	+ 20.2	1267.4			Δ		2	
12		✓		269-30				+ 5.3	+ 20.7				ck			
13	NW	880		269-30				- 8.6	- 13.3			1254.1		217	1254.5	
14		0		-				- 5.3				1262.1		218		
15	SE	880		90-30				- 12.3	- 20.0			1247.3	⊙	219		
16		✓		269-10				- 7.4	- 20.2				ck			
17																
18																
19																
20																

TI-588B

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CHECKED BY 1st \_\_\_\_\_

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



### STADIA SURVEY NOTES

AREA \_\_\_\_\_ STATE or PROVINCE AK. PAGE No. 17  
 LINE No.(s) 719. PARTY No. 1186. DATE 21. Day 3. Mo. 80 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN. RODMAN D.M. WEATHER: - 20° 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												1247.3	0	219.		
2		264°		88-20				+ 7.3		- 69.5	1178.2		Δ			
3		✓		271-47-53				+ 14.0		- 68.8			CK			3
4	NW	176°		271-40				- 6.0		+ 45.2		1223.4		220.		1224
5		220		271-40				- 5.8		+ 19.8		1198.0		221.		
6		0		-				- 5.3				1172.9		222.		
7	SE.	000		91-40				- 7.0		- 34.6		1143.6		223.		
8		176°		90-50				- 7.8		- 33.4		1144.8		224.		
9		264°		-				- 2.5		- 2.5		1175.3	0	225.		
10		✓		270-10				- 10.9		- 3.2			CK			
11		264°		90-10				+ 13.5		+ 21.2	1196.9		Δ			
12		✓		269-40				+ 6.7		+ 22.1			CK			4
13	NW	176°		267-40				- 9.0		- 17.2		1177.7		226.		1178.5
14		000		269-20				- 8.0		- 18.2		1178.7		227.		
15				-				- 5.8				1191.6		228.		
16	SE.	000		70-40				- 8.0		- 18.2		1178.7		229.		
17		176°		90-50				- 15.0		- 46.6		1150.3		230.		APR. + 6' BOOST
18		264°		90-30				- 7.8		- 32.8		1164.1		231.		
19		352°		90-10				- 10.7		- 20.9		1175.5	0	232.		
20		✓		269-52-20				- 14.0		- 21.9			CK			

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### STADIA SURVEY NOTES

AREA \_\_\_\_\_ STATE or PROVINCE AK. PAGE No. 18.  
 LINE No.(s) 719. PARTY No. 1186. DATE 31. Day 3. Mo. 30. Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN RODMAN D.M. 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												1175.5	0	232		
2		2640		90-06-46				+ 14.0		+ 17.2	1195.0		Δ			
3		✓		267-50				+ 12.2		+ 17.9			CK	5		
4		1760		-				- 10.0				1184.2		233.	1105.2	
5	NW	000		-				- 9.1				1185.9		234.		
6		0		-				- 5.3				1189.7		235.		
7	SE.	000		-				- 11.8		- 11.8	119	1183.1	0	236.		
8		✓		269-40				- 6.9		- 12.0			CK			
9		000		264-40				+ 14.5		- 36.6	1146.6		Δ			
10	NW	✓		273-10				+ 12.1		- 36.4			CK	6		
11		0		-				- 5.3				1141.3		237.	1142.5	
12	SE.	000		96-40				- 9.3		- 110.8		1035.8		238.		
13		1760		92-10				- 12.9		- 79.2		1067.4		239.	STEEP GULLEY.	
14		2630		89-50				- 6.0		+ 1.7		1148.3		240.		
15		3510		88-30				- 7.0		+ 84.8		1231.3	0	241		
16		✓		271-36-34				- 14.0		+ 84.5			CK			
17																
18																
19																
20																

TI-588B

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### STADIA SURVEY NOTES

AREA KILLIK RIVER STATE or PROVINCE AK PAGE No. 19  
 LINE No.(s) 719 PARTY No. 1186 DATE 31 Day 3 Mo. 80 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN RODMAN D M 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		AB.S. OF.S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												1231.3	0	241		
2		880		94-00				+ 10.5	+ 71.7		1303.1		Δ			
3		✓		266-10				+ 13.2	+ 71.9				CK	7		
4		0		-				- 5.3			1297.8			242	1298.2	
5		880		87-00				- 5.6	+ 40.4		1343.3	0	0	243		
6		✓		273-10				- 8.5	+ 40.0				CK			
7		880		91-00				+ 7.3	+ 24.7	✓	1368.0		Δ			
8	NW	✓		167-10				+ 12.0	+ 24.8				CK	8		
9		0		-				- 5.3			1362.7			244	1364.2	
10	SE.	880		-				- 5.4			1362.4			245		
11		1760		-				- 10.4			1357.4			246		
12		2640		90-10				- 11.4	- 19.1		1348.9			247		
13		3520		89-50				- 9.3	+ 0.9		1368.9			248		
14		3874		89-50				- 5.6	+ 5.7	52	1373.2	0	0	R.M.	248 + 354	
15		✓		270-16-37				- 14.0	+ 47				CK	200	71	
16											1374.7					
17											- 1.5				VERTICAL	
18															TIE.	
19																
20																

TI-588B

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### STADIA SURVEY NOTES

AREA \_\_\_\_\_ STATE or PROVINCE AK. PAGE No. 20.  
 LINE No.(s) 719. PARTY No. 1126. DATE 31. Day 3. Mo. 80 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN. RODMAN D.M. 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												1374.7	0	B.M.	8071.	
2																
3		900	-													
4		✓		270-20								1381.1		Δ		
5	NW	355		270-17										CK		
6		0		-								1378.5			249.	
7	SE.	495		71-40								1375.7			-	
8		1375		91-50								1359.2			250.	
9		2255		71-55								1328.4			251.	
10		3135.		90-30								1328.2			252.	
11		✓		269-36								1346.4	0		253.	LAST SP.
12														CK		EAST.
13	NW	715		-										Δ		
14		0		-												
15	SE.	550		91-27								1353.8				
16		1870		90-45-30								1348.4			T.S.	# 7.
17		2640		90-31-45								1335.4			T.S.	# 12.
18												1324.6			T.S.	# 24.
19												1327.4			T.S.	# 31.
20																

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