

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 1.
 LINE No.(s) 133 PARTY No. 1186 DATE 17 Day 2 Mo. 77 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN M.H. WEATHER: MILD. 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.	ROD			
1			L-68W	SP.	528				RE: PAGE	E. 12			288.6	0	L	68W/133
2			L-183	SP.	236 + 1210				LINE	E. 68W.						(IRON = PIPE)
3																
4		1210		92-05					+	5.4	+47.6	+	336.3			
5	S	✓		268-20					+	12.6	+47.8	47.7		Δ		
6		0	-						-	5.2			331.1	-	236.	
7	N	1760		89-20					-	14.4	+6.1	+	342.3	0	235.	
8		✓		270-37					-	13.0	+5.9	6.0		CK		
9		1760		+112					+	9.6	-8.8	+0.8	+	343.3	Δ	
10	S	✓		270-10					+	6.2		1.0		CK		
11		0	-						-	5.2			338.1		234.	
12	N	770	-						-	9.7	9.7		333.6	0		FP.
13		✓		270-20					-	14.3	-9.8			CK		
14		1760		89-20					+	7.0	-13.5		320.1	Δ		
15		✓		270-50					+	12.2	-13.4			CK		
16	S	770		270-40					-	4.8	+4.2		324.3		233	
17		0	-						-	5.1			315.0		-	
18	N	990		-112					-	13.1	-5.0	-18.1	302.0		232.	
19		2750		90-30					-	13.1	-37.1	37.2	282.9	0	231.	
20		✓		269-20					-	5.3	-37.3			CK		

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK PAGE No. 2
 LINE No.(s) 133 PARTY No. 1186 DATE 17 Day 2 Mo. 77 Yr. BOOK No. _____
 SURVEYOR C. LYMAN RODMAN M.H. 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											282.9	○	231	
2		1760		89-30			+	5.8		9.6 9.5	273.4	Δ		
3	S.	✓		770-40			+	11.1		9.4		CK		
4		0	-				-	5.2			268.2		230	
5	N	1760		-12			-	11.4	-8.8	20.2	253.2	○	229	
6		✓		269-40			-	10.1		20.3		CK		
7		1760		89-30			+	6.9		8.5 8.4	244.8	Δ		
8	S.	✓		270-40			+	12.2		8.3		CK		
9		0	-				-	5.2			239.6		228	
10	N	1760		-12			-	8.6	-8.8	17.4 17.5	227.3	○	227	
11		✓		269-40			-	7.4		13.6		CK		
12		1760		89-30			+	9.8		5.6 5.5	221.8	Δ		
13	S.	✓		270-20			+	4.8		5.4		CK		
14		0	-				-	5.2			216.6		226	
15	N	1430					-	12.3		12.3	209.5	○		
16		✓		269-40			-	4.0		12.3		CK		Top (REBAR).
17														
18														
19														
20														

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 3.
 LINE No.(s) 133. PARTY No. 1186. DATE 17 Day 2. Mo. 77. Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN M.H. WEATHER: MILD -15° P.T.S. No. _____

LINE	Searing 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												209.5	○		
2		2090		29-30				+	4.0	-	14.2	195.3		△	
3		✓		270-40				+	10.1	-	14.2			CK	
4	S.	1760		+1/2				-	5.2	+ 8.8	+ 3.6		198.8		225.
5		0	-					-	5.3				190.0		224.
6	N	1760	-					-	8.8	- 8.8	8.9		186.4	○	223.
7		✓		230-10				-	14.1	-	9.0				CK
8		1760		+1/2				+	8.4	- 8.8	- 0.4	186.1		△	
9	S.	✓		270-20				+	10.0		0.3				CK
10		0	-					-	5.2				180.9		222.
11	N	1760		89-40				-	4.9		+ 5.3		191.4	○	221
12		✓		270-30				-	10.1		+ 5.3				CK
13		1760		+1/2				+	8.5	- 8.8	- 0.3	191.2		△	
14	S.	✓		270-20				+	10.1		0.2				CK
15		0	-					-	5.2				186.0		220
16	N	1760	-					-	12.2	- 12.2	12.4		178.8	○	219.
17		✓		269-50				-	7.4	-	12.5				CK
18															
19															
20															

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK PAGE No. 4.
 LINE No.(s) 123 PARTY No. 1186 DATE 17 Day 2 Mo. 77 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN M. H. 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												178.8	○	217.	
2		1760		+ 1/2				+ 5.1	- 8.8	- 3.7	175.1		Δ		
3	S.	✓		770-20				+ 6.6		- 3.6			ck.		
4		0	-					- 5.2				169.9		218.	
5	N	1760		+ 1/2				- 6.7	+ 8.8	+ 2.1 +		177.1	○	217.	
6		✓		270-20				- 8.3		+ 1.9 2.0			ck		
7		1760	-					+ 9.6		+ 7.6 +	186.8		Δ		
8	S.	✓		269-50				+ 4.7		+ 9.8 9.7			ck		
9		0	-					- 5.2				181.6		216.	
10	N.	1760	-					- 10.1	- 10.1	- 10.2		176.6	○	215.	
11		✓		269-50				- 5.2		- 10.3			ck		
12		2310	-					+ 3.7		+ 3.7 +	180.5		Δ		
13		✓		270-10				+ 10.7		+ 4.0 3.9			ck		
14	S.	550	-					- 11.5				169.0		214	
15		0	-					- 5.3				175.2		-	
16	N	1210		29-40				- 5.4		+ 1.6		182.1	○	213	
17		✓		270-30				- 9.1		+ 1.5			ck.		
18															
19															
20															

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AREA _____ STATE or PROVINCE AK. PAGE No. 5.
 LINE No.(s) 133 - PARTY No. 1186. DATE 17. Day 2. Mo. 77. Yr. BOOK No. _____
 SURVEYOR L. LYMAN. RODMAN M.H. 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		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												182.1	⊙	213.		
2		1760		89-20				+ 10.7		- 9.8	172.4		⊙			
3	S.	✓		270-44				+ 13.0		- 9.5			CK.			
4		0	-					- 5.2				167.2		212.		
5	N	1760	-					- 3.2				169.2		211.		
6		1090		89-30				- 6.9	+ 11.3			183.6	⊙		Tr.	
7		✓		270-40				- 13.3	+ 11.0	11.2			CK			
8		1490		89-30				+ 11.7	- 0.8	0.7	182.9		⊙			
9	S.	✓		270-20				+ 7.7	- 0.6				CK			
10		0	-					- 5.2				177.7		210.		
11	N	1760		+ 1/2				- 7.4	+ 2.8	+ 1.4		184.2	⊙	209.		
12		✓		270-10				- 3.9	+ 1.2	1.3			CK			
13		1760	-					+ 12.0	+ 12.0		196.2		⊙			
14	S.	✓		269-50				+ 7.0	+ 12.1				CK			
15		0	-					- 5.2				191.0		208	(IRON-PIPE)	
16	N.	1760		- 1/2				- 9.8	- 9.8	- 8.6		177.5	⊙	207		
17		✓		269-40				- 8.6		- 12.9	18.7		CK			
18																
19																
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE _____ AK PAGE No. 6
 LINE No.(s) 133 PARTY No. 1186 DATE 17 Day 2 Mo. 77 Yr. BOOK No. _____
 SURVEYOR C. L. MAN RODMAN M. H. 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												177.5	⊙	207	
2		1760	-					+	2.0		+2.0	179.7	Δ		
3	S.	✓		270-10				+	7.4		22.3 ^{2.2}		CK		
4		0	-					-	5.2			174.5		206.	
5	N	1760	-					-	2.2		-2.2	177.3	⊙	205.	
6		✓		270-20				-	12.7		-2.5 ^{2.4}		CK		
7		1760	-					+	5.3		+5.3	182.7	Δ		
8	S.	✓		270-10				+	10.6		+5.5 ^{5.4}		CK		
9		0	-					-	5.2			177.5		204	
10	N	1760	-					-	5.0		-5.0	177.5	⊙	203.	
11		✓		270-10				-	10.4		-5.3 ^{5.2}		CK		
12		1760		89-00				+	7.2		-23.5	154.1	Δ		
13	S.	✓		271-10				+	12.5		-23.3 ^{23.4}		CK		
14		0.	-					-	5.2			148.9		202	
15	N	1760	-					-	6.5		-6.5	147.4	⊙	201	
16		✓		270-10				-	11.9		-6.8 ^{6.7}		CK		
17															
18															
19															
20															

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 7.
 LINE No.(s) 133. PARTY No. 1186. DATE 17 Day 2 Mo. 77 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN M.H. 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.	ROD			
1												147.4	0	201		
2		1170		89-30				+	6.5	-3.7	143.7		▲			(SHORT-SPREAD) 1170'
3	S.	v		270-40				+	10.0	-3.6			CK			
4		0	-					-	5.2	-5.2		139.5			SP.	1. (OLD SP.)
5										LN.133	SP.1	130.0		(200)	WOOD POLE.	
6										VERTICAL TIE		+8.5			IN. GRD.	
7																
8	N	1210	-						6.0			137.7		# 6	T.S.	
9																
10	N 8	2530		90-04-13					5.0	-8.1		135.6	0	# 12	T.S.	
11	S	2640		59-49-17				+	5.0	-3.2	132.4		▲			
12		0	-					-	5.2			127.2		# 24	T.S.	
13	N	2140		89-41-10				-	6.0	+8.5		140.9	0	# 36	T.S.	
14																
15																
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK PAGE No. 2
 LINE No.(s) 133 PARTY No. 1186 DATE 20 Day 2 Mo. 77 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN M.H. WEATHER: SNOW, 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												288.6	0			E 68W- SP. 528
2																133 - SP. 234
3																+1210
4																(IRON- PIPE
5																offset 12'0
6																SOUTH.
7		550		88-10				+ 4.7		-12.9	275.7			A		
8	N	✓		772-40				+ 12.7		-12.9				ck		
9		0	-					- 5.2			270.5				237	
10	S	1760		71-40				- 10.4		- 61.6	214.2			0	238	
11		✓		268-27-20				- 14.0		- 61.4				ck		
12		1760		-112				+ 7.8	+2.8	+ 18.6	232.8			A		
13	N	✓		269.50				+ 13.4		+ 18.5				ck		
14		0	-					- 5.3			227.5				239.	
15	S	1760		89-00				- 12.3		+ 18.4	251.2			0	240	
16		✓		270-50				- 7.1		+ 18.5				ck		
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 9
 LINE No.(s) 133 - PARTY No. 1186 DATE 20 Day 2 Mo. 77 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN M.H. WEATHER: SNOW - 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	Correction			Center Hair	INST.			
1															
2		1760		+1/2				+ 8.8	8.8	+ 0.0	251.2	251.2	0	240.	
3	N	✓		270-20						+ 0.0	251.2		Δ		
4		0	-									246.0	CK	241.	Tr. 8 (REBAR)
5	S.	1760		+1/2				- 6.1	+8.8	+2.7		253.9	0	242.	
6		✓		270-30				- 12.6		+2.8			CK		
7		1760		-1/2				+ 10.3	+8.8	+19.1	273.0		Δ		
8	N	✓		269-50				+ 14.0		+19.1			CK		
9		0	-					- 5.2				267.8		243.	
10	S.	1760		88-40				- 6.7	+ 39.2			307.2	0	244.	307.7
11		✓		271-30				- 11.8	+ 34.3				CK		
12		1650		91-00				+ 11.9	+ 40.7		347.9		Δ		
13	N	✓		269-04				+ 13.9	+ 40.8				CK		
14		0	-					- 5.2				342.7		-	
15	-S	110	-					- 4.5				343.4		245	Tr. 9 (REBAR)
16		1870		90-24-35				- 14.0	- 27.4			320.5	0	246	
17		✓		269-33-33				- 13.0	- 27.4				CK.		
18															
19															
20															

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK PAGE No. 7.10
 LINE No.(s) 138. PARTY No. 1186 DATE 20 Day 2 Mo. 77 Yr. BOOK No. _____
 SURVEYOR C. LYMAN. RODMAN M. H. WEATHER: SNOW - 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		1760		89-10				+	5.7	-19.9		308.6	320.5	⊙	246	
3	N	✓		231-00				+	10.9	-19.8				CK		
4		0	-					-	5.2				295.4		247	
5	S	1760		89-00				-	11.2	+19.5			320.1	⊙	248	
6		✓		270-50				-	6.1	+19.5				CK		
7		1760		-112				+	7.4	+18.8	+16.2	336.3		⊙		
8	N	✓		269-50				+	11.2	+16.3				CK		
9		0	-					-	5.2				331.1		249	
10	S	190	-					-	5.9	-5.9			330.4	⊙		TP. 10 (REBAR)
11		✓		270-20				-	11.7	-5.9				CK		
12																
13																
14																
15																
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK PAGE No. 11.
 LINE No.(s) 133. PARTY No. 1186. DATE 27 Day 2 Mo. 77 Yr. BOOK No. _____
 SURVEYOR L. LITMAN. RODMAN M. H. WEATHER: COLD 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												330.4	o		TP. 10. (REBAR)
2															
3		2415		88-50				+	10.3		- 38.9	291.7	Δ		
4		✓		271-00				+	3.6		- 38.5		ck		
5	N	1650		271-00				-	6.5		+ 22.3	314.0		250	
6		o	-					-	5.2			286.5		-	TP. 11. (REBAR)
7															
8	S.	110	-					-	12.1			279.6		251.	
9		1870		92-10				-	12.9		- 83.5	207.9	o	252	RIVER VALLEY
10		✓		267-40				-	7.9		- 84.0		ck		KOKOLIK. 2090
11		1210	-					+	7.4		+ 7.4	215.4	Δ		
12		✓		270-10				+	11.1		+ 7.6		ck		
13	N	660		209-30				-	10.9		- 16.7	198.7		-	KOKOLIK. RIVER.
14		o	-					-	5.2			210.2		-	
15	S.	550	-					-	5.8			210.1		253.	
16		2310	-					-	5.0		5.0	210.1	o	254	
17		✓		270-10				-	12.3		5.6		ck		
18															
19															
20															

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 12.
 LINE No.(s) 133 PARTY No. 1186 DATE 27 Day 2 Mo. 77 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN M. # WEATHER: Cloud 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												210.1	o	254.	
2	N	1650		71-20				+	14.0		52.4 +	262.6	Δ		
3		✓		218-30				+	9.5		52.7 ^{52.5}		ck.		
4		o	-					-	5.2			257.4		-	
5	S	110	-					-	4.0			258.6		255.	
6		1870	-					-	2.9		2.9	259.5	o	256.	
7		✓		270-20				-	14.1		3.2		ck		
8		1760		-1/2				+	13.4	+8.8	+22.2 +	281.9	Δ		
9	N	✓		269-30				+	7.1		+22.5 ^{22.4}		ck		
10		o	-					-	5.3			276.6		257.	
11	S.	1760		+1/2				-	1.7	+8.8	7.1 +	288.8	o	258.	
12		✓		276-40				-	13.8		+6.7 ^{6.9}		ck		
13		1760		70-30				+	11.1		+26.5 +	315.5	Δ		
14	N	✓		269-34				+	13.6		+26.9 ^{26.7}		ck		
15		o	-					-	5.3			310.2		259.	
16		1760		88-40				-	13.9		+27.0 +	342.4	o	260.	344.0
17		✓		271-10				-	9.1		+26.7 ^{26.9}		ck		
18															
19															
20															

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2nd [Signature]

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 13.
 LINE No.(s) 133 PARTY No. 1186 DATE 27 Day 2 Mo. 77 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN M.H. WEATHER: COLD 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												342.4	0	260		
2		2310		91-10				+	10.0	+ 57.0		399.7				
3		✓		268-40				+	3.8	+ 57.5 ^{57.3}				ck		
4	N	550		267-00				-	10.0	- 19.6		380.1		261		
5		0	-					-	5.2			394.5		-		
6	S.	480	-					-	5.1			394.6		-		TP. 12 (REBAR)
7																
8		1210	-					-	11.4	11.4 ^{11.5}		388.2	0	212.		
9		✓		269-50				-	8.1	11.6				ck		
10		990		88-40				+	5.1	17.9	370.3			ck		
11	N.	✓		271-30				+	8.1	17.8				ck		
12		0	-					-	5.2			365.1		-		
13	S.	770		91-00				-	10.8	- 24.2		346.1		263.		
14		2530		90-40				-	7.6	39.0 ^{37.8}		331.0	0	214.		
15		✓		269-10				-	2.7	37.5				ck		
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 14.
 LINE No.(s) 133. PARTY No. 1184. DATE 27 Day 2 Mo. 77 Yr. BOOK No. _____
 SURVEYOR C. LYMAN. RODMAN M.H. WEATHER: CLEAR / COLD. 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												331.0	0	264.		
2		1760		+1/2				+	4.5	8.8	4.3	326.7				
3	N.	✓		270-30				+	11.2		4.2					
4		0	-					-	5.3			321.4		265		(SNOW VALLEY.)
5	S.	1760		90-50				-	11.0		32.6 30.8	289.9	0	266.		292.0
6		✓		219-14				-	13.4		36.9					
7		1710		91-00				+	11.2		+41.9 +2.0	331.9				
8		✓		218-50				+	6.4		+42.2					
9	N	770		267-20				-	14.70		-49.8			-		CREEK.
10		0	-					-	5.3			326.6		217		
11	S.	1210		86-30				-	7.9		+65.8 +	397.6	0			
12		✓		273-40				-	11.4		+65.6 65.7					
13		1240		90-30				+	9.1		+19.9 +	417.6				
14		✓		247-40				+	12.9		+20.1 20.0					
15	N	600	-					-	11.5			406.1		268		
16		0	-					-	5.2			412.4		-		TP. 13. (REBAR)
17	S.	1075		+1/2				-	4.7	+5.4	+0.7	418.3		269.		
18		1845		89-40				-	12.0		1.3	416.2	0			
19		✓		270-23-14				-	14.0		1.5 1.4					
20																

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2nd



STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 15.
 LINE No.(s) 133- PARTY No. 1181 DATE 27 Day 2. Mo. 77 Yr. BOOK No. _____
 SURVEYOR L. LITMAN. RODMAN M.H. WEATHER: CLEAR. P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												416.2	0			
2		990		28-30				+	8.8		17.1	399.1		Δ		
3	N	✓		271-40				+	11.8		17.0			CK		
4		0	-					-	5.3			393.8			270	
5	S.	990		92-05				-	14.9		-49.4	349.7			-	#5.
6		1760		70-30				-	10.7		-26.1	373.0			271.	
7		2305	-					-	4.1		4.1	394.8	0			
8		✓		270-10				-	11.2		4.5			CK		
9		1210		70-20				+	14.2		+21.2	416.1		Δ		
10	N	✓		269-30				+	10.8		+21.4			CK		
11		0	-					-	5.2			410.9			272.	(REBAR)
12	S.	1760		89-30				-	9.5		+5.9	421.8	0		273.	424.4
13		✓		270-38-08				-	14.0		+5.5			CK		
14		1760		70-03-15				+	14.0		+15.7	437.6		Δ		
15	N	✓		269-56-09				+	14.0		+16.0			CK		
16		0	-					-	5.2			432.4			274.	
17	S.	1760		89-30				-	9.1		+6.3	443.7	0		275.	
18		✓		270-40				-	17.5		+6.0			CK		
19																
20																

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2nd

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 16.
 LINE No.(s) 133. PARTY No. 1181. DATE 28 Day 2 Mo. 77 Yr. BOOK No. _____
 SURVEYOR L. LYMAN. RODMAN M. H. WEATHER: CLEAR. P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF.S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD.			
1												443.7	0	275.		
2		1760	-					+	4.3	+ 4.3	+	448.1		Δ		
3	N	✓		270-10				+	9.6	+ 4.5	4.4			ck.		
4		0	-					-	5.3			442.8			276.	
5	S.	1760		+1/2				-	8.5	+2.8	+0.3	+	448.1	0	277	
6		✓		270-20				-	10.4		0.2	0.0		ck.		
7		1760	-					+	7.0	+3.0	+	455.2		Δ		
8	N	✓		270-10				+	12.3	+7.2	7.1			ck		
9		0	-					-	5.2			450.0			278	
10	S.	1760		89-30				-	12.2	+3.2	+	458.2	0	279.		
11		✓		270-20				-	7.3	+2.9	3.0			ck		
12		1760	-					+	11.4	+11.6		469.8		Δ		
13	N	✓		269-50				+	6.6	+11.7				ck		
14		0	-					-	5.2			464.6			280	
15	S.	1760		87-00				-	8.6	+22.1	+	491.8	0	281.		494.9
16		✓		271-10				-	14.0	+21.8	22.0			ck		
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 17
 LINE No.(s) 133. PARTY No. 186. DATE 28 Day 2. Mo. 77 Yr. BOOK No. _____
 SURVEYOR L. LYMAN. RODMAN M. H. WEATHER: CLEAR / 60.60. 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												491.8	0	281.	
2		1760		90-50				+ 12.4	+ 38.0		529.8		Δ		
3	N	✓		269-00				+ 7.4	+ 38.1				CK.		
4		0	-					- 5.2				524.6		282.	Top. 15. (REBAR)
5		1760		90-30				- 12.8	- 28.2	283		501.5	0	283.	
6		✓		269-20				- 8.0	- 28.5				CK		
7		2310		89-51-42				+ 14.0	+ 2.4		509.9		Δ		
8		✓		270-00				+ 8.5	+ 2.5				CK		
9	N	550	-					- 14.0				495.9		284	
10		0	-					- 5.3				504.6		-	
11	S	1210		89-40				- 10.2	- 3.2	285		506.6	0	285	510.0
12		✓		270-30				- 14.0	- 3.4				CK		
13		1760	-					+ 2.5	+ 2.5	286	509.3		Δ		
14	N	✓		270-10				+ 8.0	+ 2.9	287			CK.		
15		0	-					- 5.2				504.1		286	
16	S	1760	-					- 3.2				506.1		287	
17		2530	-					- 5.2	- 5.2			503.9	0		
18		✓		270-10				- 13.0	- 5.6	288			ck.		
19															
20															

TI-5888

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 18.
 LINE No.(s) 153 PARTY No. 1186 DATE 1 Day 3 Mo. 77 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN M. H. WEATHER: - 50°f P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												503.9	○			
2		990		89-00				+	7.1	-	10.2	473.8	△			
3	N	✓		270-50				+	4.4	-	10.0		CK			
4								-	5.3			488.5		288		DEEP. SNOW.
5	S	550		92-50				-	12.2	-	39.8	454.0		-		CREEK. VALLEY.
6		1760		1/2				-	7.9	+8.8	-1.1	472.5	○	289		
7		✓		270-20				-	11.6		1.4		CK			
8		2080		-1/2				+	5.1	+10.4	+15.5	508.2	△			
9		✓		269-50				+	9.7		+15.8		CK			
10		1320		266-40				-	13.3	-	89.9	418.3		-		
11	N	330		268-40				-	13.3	-	21.0	487.2		290		
12		0						-	5.2			503.0		-		
13	S.	1440		89-30				-	9.4	+3.2	+	511.2	○	291		TP. 16. (REBAR).
14		✓		270-40				-	13.9	+2.9	3.0		CK			
15																
16																
17																
18																
19																
20																

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L. J. L.

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2nd

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 19
 LINE No.(s) 133 PARTY No. 1186 DATE 1 Day 3 Mo. 77 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN M. H. WEATHER: VERT. COLO. 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												805.5	0	304.	ELV'S WORKED.
2															BACK from.
3															SP. 291.
4	S.	550		90-28-25				+ 4.0	+ 2.5	814.0			A		(PAGE 18.)
5		0	-					- 5.1				808.9	-		TP. 17. (REBAR.)
6	N	1210		91-10				- 12.7	- 37.3			776.7	0	303.	781.4
7		✓		718-50				- 12.6	- 37.2				CK.		
8		1760		07/57-27/				+ 14.0					N		
9	S.	✓		272-03-40				+ 15.0					CK		
10		0/	-					- 5.2						302.	
11															
12		1760		88-00-20				+ 14.0	- 47.2	729.5			A		
13	S.	✓		272-01-25				+ 15.0	- 47.1				CK		
14		0	-					- 5.2				724.3		302	
15	N	1760		92-10				- 13.0	- 79.5			650.0	0	301	
16		✓		267-40				- 8.0	- 79.6				CK		
17															
18															
19															
20															

TI-588B

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK PAGE No. 20
 LINE No.(s) 133 PARTY No. 1186 DATE 2 Day 3 Mo. 77 Yr. BOOK No. _____
 SURVEYOR L. CYMAN RODMAN M. H. WEATHER: COLD 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																
3																
4		0	-													
5																
6																
7																
8	SW.	2063.75		90-47-18												
9				269-12-20												
10																
11				MEAN 90-47-29.												
12																
13		Hor. DIST.														
14		2063.54.														
15																
16		BY. HP. - 65.														
17		E.D.M. SLOPE REDUCTION.														
18		CARD. 1-23 A.														
19																
20																

TI-598B

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK PAGE No. 21
 LINE No.(s) 133 - PARTY No. 118L DATE 2 Day 3 Mo. 77 Yr. BOOK No. _____
 SURVEYOR L. L. MAN. RODMAN M. H. WEATHER: CLEAR P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF.S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												650.0	⊙	301		
2		1760		88-20				+ 12.0		- 39.2	37.1	610.9	Δ			
3	S	✓		77-30				+ 7.1		- 39.0			CK			
4		0	-					- 5.2				605.7		305		
5	N	1760		71-40				- 14.5		- 65.7	65.8	545.1	⊙	299		
6		✓		260-10				- 9.6		- 65.9			CK			
7		1760		88-50				+ 4.6		- 31.2	31.1	514.0	Δ			
8	S	✓		271-20				+ 10.0		- 30.9			CK			
9		0	-					- 5.2				508.8		298	IRON - PIPE.	
10	N														(LAST SP. DRILLED.)	
11																
12		1760		71-10				- 12.6		- 48.4	48.5	465.5	⊙	297		
13		✓		218-40				- 7.7		- 49.6			CK			
14		2090		88-50				+ 10.1		- 32.4	32.1	433.4	Δ			
15		✓		271-06				+ 8.3		- 31.8			CK			
16	S	330		+ 12				- 2.0	+ 1.7	- 0.3		433.1		296		
17		0	-					- 5.2								
18	N	1730											⊙	295		
19		✓											CK			
20																

TI-588B

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L. G. C.

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[Signature]

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. 22.
 LINE No.(s) 183 PARTY No. 1186 DATE 2 Day 3 Mo. 77 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN M.H. WEATHER: CLEAR. P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD		
1	N	880		91-00				-	14.8		-30.2		403.2	0	
2		✓		268-30				-	7.2		-30.2			CK	
3		2300		88-20				+	5.0		-63.9	13.7	339.5	Δ	
4		✓		271-50				+	10.0		-63.5			CK	
5	S.	1760		+112				-	7.5	+8.8	+1.3		340.8		295
6		0	-					-	5.2				334.3		294
7	N	1760	-					-	11.1		-11.1	11.3	328.2	0	293
8		✓		219-50				-	6.3		-1.4			CK	
9		990	-					+	4.8		+4.8		333.0	Δ	
10	S.	✓		270-10				+	7.8		+4.9			CK	
11		0	-					-	5.2				327.8		-
12	N	220	-					-	5.8				327.2		292
13		770	-					-	4.4				328.6		292
14															offset. BOTTOM of HILL.
15		1500		83-40				-	7.2		+157.3	+159.2	490.2	0	TOP of HILL.
16		✓		276-10				-	3.1		+157.1			CK	
17		440		91-00				+	13.9		+21.6	511.8		Δ	
18	S.	✓		268-30				+	10.1		+21.6			CK	
19		0	-					-	5.2				506.6		-
20	N	550		89-40				-	3.8		-0.6		511.2	0	291
		TI-588B	✓	270-40				-	7.1		-0.7			CK.	

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ELEV. WORKED BACK TO TP. 39.384