

STADIA SURVEY NOTES

AREA N.P.R. 4 STATE or PROVINCE ALASKA PAGE No. 1
 LINE No.(s) 47 PARTY No. 195 DATE 12 Day 2 Mo. 75 Yr. BOOK No. 1
 SURVEYOR M. MOXNESS RODMAN B. Kobell WEATHER: c 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			SURVEY BEGUN AT S.P. 58, IN												
2			AS SEA-LEVEL											58	
3														58	58
4	N	2640	89°52'52"	(00°07'08")				-5.0	+5.5	+0.5			-	56	
5	S	1320	89°55'44"	(00°04'16")				-5.0	+1.6	-3.4			-	57	
6	N	1320	89°59'14"	(00°00'46")				-5.0	+0.3	-4.7			-	59	
7	N	2640	89°49'25"	(00°10'35")				-5.0	+8.1	+3.1			⊙	60	
8	N	2640	89°49'08"	(00°10'52")				+8.0	-8.3	-0.3			A	62	
9	N	1320	89°54'35"	(00°05'25")				-5.0	+2.2	-2.9			-	61	
10	S	1320	89°52'10"	(00°07'50")				-5.0	+3.0	-2.0			-	63	
11	S	2640	89°50'14"	(00°09'46")				-8.0	+7.5	-0.5			⊙	64	
12	N	2640	89°53'04"	(00°06'56")				+8.0	-5.3	+2.7			A	66	
13	-	0											π	66	
14	N	1320	89°58'02"	(00°01'57")				-5.0	+4.2	-4.3			-	65	
15	S	1320	89°57'07"	(00°02'53")				-5.0	+1.1	-3.9			-	67	
16	S	2640	89°47'57"	(00°12'03")				-10.0	+9.2	-0.7			⊙	68	
17	N	2640	89°50'54"	(00°08'13")				+8.0	-6.3	+1.7			A		
18	-	-	89°51'47"											70	
19	N	1320	89°51'43"	(00°08'17")				-5.0	+3.2	-1.8			-	69	
20															

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STADIA SURVEY NOTES

AREA NPR 4 STATE or PROVINCE ALASKA PAGE No. 3
 LINE No.(s) 47 PARTY No. 195 DATE 16 Day 2 Mo. 75 Yr. BOOK No. _____
 SURVEYOR M. Moxness RODMAN R. Tippisch WEATHER: -30°, slight haze P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction				INST.	ROD			
1																
2																
3	S	1320	90°07'35"	(-00°07'35")				+6	+2.9	+8.9			Δ	55		
4	N	1320	89°59'29"	(00°00'31")				-5	+2	-4.8			-	56	54	
5	N	2640	89°53'26"	(00°06'34")				-5	+5.0	+0.4			⊙	53		
6	S	2640	89°53'12"	(00°06'48")				+6	-5.2	+0.8			Δ	51		
7	-	0											-	51	51	
8	S	1320	89°53'46"	(00°06'14")				-6	+2.4	-3.6			-	50	52	
9	N	1320	89°53'00"	(00°07'00")				-6	+2.7	-3.3			⊙	49	50	
10	N	2640	89°37'29"	(00°12'31")				-6	+9.6	+3.6			⊙	49		
11	S	2640	89°36'39"	(00°23'21")				+6	-17.9	-11.9			Δ	17	Admiralty Bay	
12	-	-											-	47		
13	S	1320	-					-	-				-	48	In Bay	
14	N	1320	-					-	-				-	46	In Bay	
15	N	2640	89°36'35"	(00°23'25")				-8	+18.0	+10.0			⊙	45		
16	S	2640	89°54'17"	(00°05'43")				+6	-4.4	+1.6			Δ	43		
17	S	0+300											-	43		
18	NS	1320	89°59'52"	(00°00'08")				-6	+1	-5.9			-	44		
19	N	1320	89°57'47"	(00°02'13")				-6	+8	-5.1			⊙	42	T.P.	
20	N	2640											⊙	41		

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STADIA SURVEY NOTES

AREA N.P.R. 4 STATE or PROVINCE ALASKA PAGE No. 2
 LINE No.(s) 47 PARTY No. 195 DATE 12 Day 2 Mo. 75 Yr. BOOK No. _____
 SURVEYOR M. Moyness RODMAN B. Kobell WEATHER: -25°, 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																
2	S	1320	89°58'02"	(00°01'58")				-5	+7	-4.2		0	71	T.P.		
3	N	2640	89°55'09"	(00°04'51")				+8	-3.7	+4.3		A	73			
4													73			
5	N	1320	90°01'07"	(-00°01'07")				-5	-4	-5.4		-	72			
6	S	1320	90°08'20"	(-00°08'20")				-5	-3.2	-8.2		-	74			
7	S	2640	90°01'11"	(-00°01'11")				-8	-9	-8.9		0	75			
8	N	2640	89°34'49"	(00°05'11")				+8	-4.0	+4.0		A	77			
9													77			
10	N	1320	89°46'53"	(00°13'07")				-5	+5.0	±0.0		-	76			
11	S	1320	89°57'42"	(00°02'18")				-5	+9	-4.1		-	78			
12	S	2640	89°50'30"	(00°09'30")				-6.3	+7.3	+1.0		0	80	79		
13	N	2640	89°54'10"	(00°05'50")				+8	-4.5	+3.5		A	81	81		
14													82	81		
15	N	1320	90°08'11"	(-00°08'11")				-5	-3.1	-8.1		-	80			
16	S	1320	89°59'33"	(00°00'27")				-6.3	+2	-6.1		-	82			
17	S	2640	90°00'08"	(-00°00'08")				-6.3	-1	-6.4		0	83			
18	N	2640	90°27'36"	(-00°27'36")				+8	+21.1	+29.2		A	85			
19													85			
20	N	1320	90°43'36"	(-00°43'36")				-6	-16.7	-22.7		-	84			

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STADIA SURVEY NOTES

AREA NPR 4 STATE or PROVINCE ALASKA PAGE No. 4
 LINE No.(s) 47 PARTY No. 195 DATE 17 Day 2 Mo. 75 Yr. BOOK No. 1
 SURVEYOR M. Moyness RODMAN R. Tippich WEATHER: -30° , slight hazy P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Δ 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	2640	89	47'22"	(00°12'38")			+6	-9.7	-3.7			Δ	40		
3													-	40		
4	S	1320	89	52'44"	(00°07'16")			-6	+2.8	-3.2			-	41		
5	N	1320	89	54'20"	(00°05'40")			-6	+2.2	-3.8			-	39		
6	N	2640	89	53'34"	(00°06'26")			-6	+5.0	-1.1			⊙	38		
7													Δ	36		
8														36		
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA NPR 4 STATE or PROVINCE Alaska PAGE No. 1
 LINE No.(s) 47 PARTY No. 195 DATE 27 Day 2 Mo. 75 Yr. BOOK No. _____
 SURVEYOR M. Maxwell RODMAN R. Eppel WEATHER: Foggy 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																
3																
4	S	2640	90°03'24"	(0°03'29")					+10.9	+2.6	+12.6			A	258	to 260
5	S	1320	90°10'16"	(0°10'16")					-10.0	-3.9	-13.9			-	259	
6	N	1320	89°34'07"	(0°25'53")					-10.9	+9.9	-0.6			-	257	
7	N	2640	89°51'32"	(0°08'28")					-10.9	+6.5	-3.5			⊙	256	
8	S	2640	89°29'20"	(0°30'40")					+13.9	-23.5	-36.5			A	254	
9	-	-													254	
10	S	1320	-						-	0.0	0.0			-	255	on ice w/ 254
11	N	2640	-						-	0.0	0.0			-	253	on ice w/ 254
12	N	2640	89°45'06"	(0°14'54")					-10.0	+11.4	+1.4			⊙	252	
13	S	2640	89°49'31"	(0°10'29")					+10.0	-4.0	+6.0			A	250	
14															250	
15	N	1320	90°31'29"	(0°31'29")					+10.0	-12.0	-22.1			⊙	250	T.P
16	S	2640	89°53'12"	(0°06'48")					+10.0	-5.2	+4.8			A	248	
17	S	1320	-						-						248	
18	S	1320	89°48'18"	(0°11'42")					+10.0	+4.5	-5.5			⊙	249	
19	N	1320													247	
20	N	2640													246	

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. _____
 LINE No. (s) 75-47 PARTY No. 195 DATE 24 Day FEB Mo. 1975 Yr. BOOK No. _____
 SURVEYOR T. SHERRELL RODMAN R. P. PUGH WEATHER: COLD - CALM 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			TAKE OFF A BEND														
2	W	3504		89° 46' 32"					75.0	-	-8.7	133.3	142.0	Δ	A BEND		
3		0							5.0		-5.0			π	T.P. 1		
4	E	4089		90° 01' 07"					3.8	-	-5.1		128.2	⊙	SP 300		
5	N	3960		89° 59' 30"					75.0	+	+4.4			Δ			
6		2640		90° 02' 02"					3.8	-	-5.4					301	
7		1320		89° 56' 47"					3.8	+	-2.6					302	
8		0		✓					5.0		-5.0			π		303	
9	S	1320		90° 08' 30"					5.0	-	-8.3					304	
10		2640		90° 01' 53"					5.0	-	-6.4					305	
11		3960		89° 55' 02"					5.0	+	+0.7			⊙		306	
12		0		✓													
13	S	2640		90° 11' 20"					3.8	+	+12.5			Δ		300	
14		1320		90° 03' 13"					3.8	-	-5.0					299	
15		0		✓					5.0		-5.0			π		298	
16	N	1320		90° 07' 37"					5.0	-	-7.9					297	
17		2640		90° 11' 18"					5.0	-	-13.7			⊙		296	
18	S	2640		89° 55' 15"					3.8	-	+0.2			Δ			
19		1320		90° 01' 05"					3.8	-	-4.2					295	
20		0		✓					5.0		-5.0			π		294	

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. _____
 LINE No.(s) 75-47 PARTY No. 195 DATE 24 Day FEB Mo. 1975 Yr. BOOK No. _____
 SURVEYOR T. SWERRILL RODMAN R. IPPISCH WEATHER: COLD - CALM 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	N	1320	89°55'30"					5.0	+	-3.3				293		
3		2640	90°03'08"					5.0	-	-7.4			0	292		
4	S	2640	89°57'00"					13.8	-	+1.5			Δ			
5		1320	89°59'02"					3.8	+	-3.4				291		
6		0	✓					5.0		-5.0			π	290		
7	N	1320	89°58'08"					5.0	+	-4.3				289		
8		2640	89°56'47"					5.0	+	-1.5			0	288		
9	S	2640	89°57'36"					13.8	-	+2.0			Δ			
10		1320	90°03'08"					3.8	-	-5.0				287		
11		0	✓					5.0		-5.0			π	286		
12	N	1320	89°33'53"					5.0	+	+5.0				285		
13		1815	89°31'30"					5.0	+	+10.0			0	284 + 825		
14	S	2145	89°21'30"					3.8	-	-20.2			Δ			
15		1320	89°51'30"					3.8	+	-0.5				284		
16		0	✓					5.0		-5.0			π	283		
17	N	1320	89°51'04"					5.0	+	-1.6				282		
18		2640	89°24'00"					5.0	+	+22.6			0	281		
19	S	2640	89°46'30"					3.8	-	-6.6			Δ			
20		1320	90°15'26"					3.8	-	-9.7				280		

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. _____
 LINE No.(s) 75-87 PARTY No. 195 DATE 24 Day FEB Mo. 1975 Yr. BOOK No. _____
 SURVEYOR T. SHERILL RODMAN R. IPPISCH WEATHER: COLD - CALM 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																
2		0	✓					5.0		-5.0			π	279		
3	N	1320		90° 07' 51"				5.0	-	-8.0			0	278		
4		2640		89° 57' 30"				5.0	+	-3.1			0	277		
5	S	2640		89° 51' 24"				3.8	-	-2.8			Δ			
6		1320		89° 59' 04"				3.8	+	-3.4				276		
7		0	✓					5.0		-5.0			π	275		
8	N	1320		89° 58' 50"				5.0	+	-4.6			0	274		
9		2640		89° 56' 32"				5.0	+	-2.3			0	273		
10	S	165		96° 43' 58"				3.8	+	+23.0			Δ			
11		0	✓					5.0		-5.0			π	272 + 1155		
12	N	1155		90° 32' 47"				5.0	-	-16.0			0	272		
13																
14																
15																
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALB PAGE No. 1.
 LINE No.(s) 47 X PARTY No. 186 DATE 29 Day 7 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. L. MAN RODMAN CONRAD 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	Correction	Center Hair			INST.	ROD			
1												517.1	0	61	# 12. T.S	
2																
3	S	500		75-40	7.92											
4		0	-													
5	N	430		87-40	4.07											
6		1150		87-40	4.07											
7	S	950	-													
8		0	-													
9	N	1150		91-05	1.74											
10		2640		88-30	2.62											
11				271-20	2.33											
12	S	1820		271-20	2.33											
13		0	-													
14	N	1320		91-20	2.33											
15		2640		90-30	0.97											
16				269-20	1.16											
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALB. PAGE No. 2.
 LINE No.(s) 47-X PARTY No. 186 DATE 27 Day 4 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L LYMAN RODMAN CONRAD WEATHER: MILD. P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		H.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												491.2	0	532		
2		2640		70-28	0.81				12.2	+21.4	+34.2	532.5	Δ			
3		✓		269-34	0.76				14.4	+20.1	+34.5		CK.			
4	S.	1320		269-30	0.87				2.0		-17.5	515.0		571.		
5		0	-						5.3		-5.3	527.2		530.		
6	N	1320		89-20	1.16				5.2		+10.2	542.7		529.		
7		2640		89-20	1.16				6.7	+30.4	+23.9	556.4	0	528.		
8		✓		270-50	1.45				14.4	+38.3	+23.9		CK			
9		2140		-1/2					13.2	+10.2	+24.5	580.9	Δ			
10		✓		269-40	0.59				12.2	+12.4	+24.6		CK.			
11	S	825	-						14.8		-14.8	566.1		527		
12		0	-						5.4		-5.4	575.5		-		
13	N	495	-						5.7		-5.7	575.2		526.		
14		1815	-						12.3		12.3	568.5	0	525.		
15		✓		269-56	0.12				10.4	-8.2	12.6		CK			
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALV. PAGE No. 3
 LINE No.(s) 47 X PARTY No. 186 DATE 29 Day 4 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. L. L. MAN RODMAN CONRAD 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													569.5	o	525.	
2		1815		88-36	2.44				5.7	44.3	38.6	522.9		Δ		
3		✓		271-30	2.62				8.7	43.6	38.7			CK		
4	S.	495		271-30	2.62				5.3		+7.5		537.4		524.	
5		0	-						5.3		-5.3		524.6		-	
6	N	825		91-10	2.33				9.9		-29.1		500.8		523.	
7		2145		91-20	2.33				11.7	50.0	61.7		468.2	o	522.	
8		✓		268-44	2.21				14.3	47.4	61.7			CK		
9		2640		89-00	1.74				18.0	45.9	32.9	435.3		Δ		
10		✓		270-50	1.45				8.5	38.3	32.8			CK		
11	S.	1320		+1/2					3.4	+6.6	+3.2		438.5		521.	
12		0	-						5.3		-5.3		+30.0		520.	
13	N	1320	-						6.2		-6.2		429.1		519.	
14		2640	-						5.4		5.4		427.9	o	518	
15		✓		270-10	0.29				17.0	7.7	5.3			CK		
16																
17																
18																
19																
20																

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L. J. L.

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALB. PAGE No. 4
 LINE No.(s) 92 X PARTY No. 126 DATE 27 Day 7 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN COURAO. WEATHER: PLD. 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													427.9	0	518	
2		2640	-										440.9			
3				267.50	0.27											
4	S.	1320	-										429.0		517	
5		0	-										435.6		516	
6	N	1320		+1/2									441.7		515	
7		2640		+1/2									442.7	0	514	
8				270-20	0.58											
9		2640		89-30	0.87											
10				270-34	0.99											
11	E.	1320		270-30	0.87											
12		0	-										436.3		513	
13	N	1320		90-30	0.87								425.2		512	
14		2640		90-54	1.57								406.5		511	
15				267-08	1.51								377.1	0	510	
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALK. PAGE No. 5.
 LINE No.(s) 97-X PARTY No. 186 DATE 22 Day 9 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN G. L. WEATHER: MILD P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		M.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
1												377.1	o	510		
2		2640		88-40	2.37			4.5	61.5	57.0	529	320.2	Δ			
3		✓		171-30	2.62			12.4	69.2	56.8			OK			
4	S.	1320		271-30	2.62			9.7		+24.8		315.0		509		
5		o	-					5.4		-5.4		314.8		508		
6	N	1320		91-00	1.74			13.5		-36.5		283.7		507		
7		2475		71-20	2.33			13.5	53.7	31.2		247.0	o			
8		✓		268-41	2.70			14.4	52.7	71.3			OK			
9		1485		89-30	0.87			8.6	12.7	4.3	244.7		Δ			
10		✓		270-40	1.16			13.0	17.2	4.2			OK			
11	S.	1320	-					10.6		-10.6		234.1		506		
12		o	-					5.4		-5.4		239.3		505	TITALUX RIVER	
13	N														165' SOUTH	
14																
15		1320	-					8.2		-8.2		236.5		504		
16		2260		89-30	0.87			5.8	+19.7	+15.9		260.6	o			
17		✓		270-40	1.16			10.3	+26.2	+15.9			OK			
18																
19																
20																

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L. J. L.

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALV. PAGE No. 6
 LINE No.(s) 97 X PARTY No. 186 DATE 27 Day 4 Mo. 7 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN G. C. 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	Correction	Center Hair			INST.	ROD			
1													260.6	0		
2		1700		92.30	4.36				12.9	+24.1	+87.0	347.6		Δ		
3		✓		267.20	4.65				8.0	+77.1	+87.1			ck.		
4	S.	1320		266-10	6.67				13.0		-101.1		246.5		503	
5		0		-					5.4		-5.4		342.2		502	
6	N	1320		86-10	6.67				12.4	+75.7			423.3		501	
7		1815		86-14	6.52				12.8	+119.1	+105.3		452.6	0		
8		✓		279-47	-46 (2.60)				15.0	+117.8	+104.8			ck.		
9		825		92.00	3.49				11.2	+28.8	+40.4	493.0		Δ		
10	S.	✓		267.50	3.78				9.2	+31.2	+40.4			ck.		
11		0		-					5.3		-5.3		487.7	0	500	68
12															501	47
13																
14																
15																
16																
17																
18																
19																
20																

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RE: PAGE 28 LINE 68.
 TAKE !!! ELEV.

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE _____ ACK PAGE No. 7
 LINE No.(s) 47x PARTY No. 186 DATE 30 Day 9 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L LYMAN RODMAN T.T. WEATHER: SNOW P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		ABS. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
1													262.8	o	492	
2		495		73.00	5.23			11.4	+25.7	+37.3	300.1					
3	N	✓		267.20	4.65			14.3	+23.0	+37.3				ck		
4		o	-					5.2		-5.9			294.0		-	
5	S	225		39.00	1.74			12.4		-3.0			297.1		493	
6		2145		89.00	1.74			14.7	+37.3	+22.6	+22.7		322.8	o	494	
7		✓		270-50	1.45			12.3	+31.1	+22.8				ck		
8		1320		91.40	2.91			12.9	+22.4	51.3	374.1			Δ		
9	N	✓		268.10	3.20			9.1	+42.2	51.3				ck		
10		o	-					5.3		-5.3			368.8		495	
11	S	1720		88.30	2.62			7.6		+42.1			416.2		496	
12		2640		88-30	2.62			5.5	+29.2	+37.7			417.3	o	497	
13		✓		271.40	2.91			13.1	+36.8	+37.7				ck		
14		1320		-1/2				11.9	2.6	18.5	456.3			Δ		
15	N	✓		269.40	0.58			12.8	+3.2	18.5				ck		
16		o	-					5.2		-5.3			451.0		498	
17	S	1320		+1/2				7.0	+6.6	+3.6			459.9		499	
18		2640		89.00	1.74			14.7	+25.7	+31.2	st. a		487.7	o	500	47
19		✓		270-58	1.69			13.0	+24.6	+31.6				ck		68
20																

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L.J.C.

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALB. PAGE No. 0
 LINE No. (s) 47x PARTY No. 186 DATE 30 Day 4 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. ZIMAN RODMAN TROUPE WEATHER: SNOW, fog P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	SEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		M.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												590.3	0	485		
2		1320		88-00	3.49				12.2	46.1	37.9	552.4				
3	N	✓		272-10	3.70				12.1	49.9	37.8					
4		0							5.3		-5.3	547.1		486		
5	S	1320		93-20	5.80				10.5		-87.1	465.3		487		
6		2140		93-20	5.80				9.7	153.1	162.8	327.6	0	488		
7		✓		216-46	5.63				19.2	178.6	162.8					
8		2145		89-20	1.16				14.9	24.9	10.0	377.6				
9		✓		270-30	0.87				8.7	18.7	10.0					
10	N	825		270-30	0.87				7.6		-2.4	377.2		489		
11		0							5.3		-5.3	374.3				
12	S	495		93-00	5.23				7.2		-33.0	346.6		490		
13		1815		93-00	5.23				7.9		-104.8	274.8		491		
14		3135		72-00	3.49				7.5	109.4	116.9	262.8	0	492	> CHECK	
15		✓		268-08	3.26				19.5	102.2	116.7					
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALK. PAGE No. 9.
 LINE No.(s) 47x. PARTY No. 186. DATE 1 Day 5 Mo. 7 Yr. BOOK No. _____
 SURVEYOR L. LYMAN. RODMAN T. T. WEATHER: SNOW. P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												574.1	9			
2		770		70-50	0.87				12.7	+0.6	+21.3	575.4				
3		✓		267-20	1.16				9.2	+11.5	+21.3		CK			
4	N	495	-						17.4		-11.4	584.0		484		
5		0	-						5.4		-5.4	590.0		-		
6	S.	825	-						5.1		5.1	590.3	2	485		
7		✓		170-20	0.58				9.8	+4.8	5.0		CK			
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
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L. J. L.

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALX. PAGE No. 10.
 LINE No.(s) 47x PARTY No. 186 DATE 1 Day 5 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN _____ WEATHER: SNOW, fog P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Ab.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
1													581.5	o	475	
2		1320		88-40	2.33				9.2	70.8	21.6	559.9		Δ		
3	N	✓		271-30	2.62				17.0	74.1	21.6			CK		
4		o	-						5.3		-5.3		554.6		476.	
5	S.	1320		91-40	2.91				12.0		-50.4		509.5		477.	
6		2145		92-00	3.49				13.3	74.9	88.2		471.7	o		
7		✓		267-58	3.55				12.1	76.2	88.3			CK		
8		1815		-11					6.3	75	15.4	487.1		Δ		
9		✓		269-50	0.29				16.1	75	15.4			CK		
10	N	1320		268-40	2.33				11.7		-42.4		444.7		478	
11		o	-						5.3		-5.3		481.8		479	
12	S.	1320		88-40	2.33				7.3	70.8	23.5		510.6	o	480	
13		✓		271-30	2.62				11.1	74.6	23.5			CK		
14		2640		87-20	1.16				17.7	70.6	16.9	493.7		Δ		
15		✓		170-30	0.97				6.0	73.0	17.0			CK		
16	N	1320		268-50	2.04				10.7		-37.6		456.1		481.	
17		o	-						5.4		-5.4		480.3		482.	
18	S.	1320		87-30	4.36				10.2		+47.3		541.0		483.	
19		2145		87-30	4.36				13.1	72.5	20.4		579.1	o		
20		✓		272-20	4.07				6.8	72.3	20.5			CK		

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L. L. L.

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALB. PAGE No. 11.
 LINE No.(s) 47x PARTY No. 186 DATE 1. Day 5. Mo. 75. Yr. BOOK No. _____
 SURVEYOR L. LITMAN- RODMAN G. C. WEATHER: SNOW. 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												470.6	0	469		
2		26.40		71.40	2.91				+2.1	+2.1	552.2		Δ			
3		✓		268-16	3.02				+2.8	+2.8			CK			
4	N	1720		268.30	2.62				11.4	-45.9		512.3		470		
5		2		-					5.3	-5.3		552.9		471.		
6	S.	1720		89-00	1.74				13.7	+2.0	+2.1	563.3	0	472.		
7		✓		270-55	1.60				11.9	+2.1	+2.2			CK		
8		2800		-					+2.8	+2.8	569.1		Δ			
9		✓		270-10	0.29				7.0	+2.1	+2.9			CK		
10		1475		-12					13.6	-7.4	-21.0	547.1		473		
11	N	165		-					12.0	-12.0		556.1		474		
12		0		-					5.3	-5.3		562.8		-		
13	S.	1155		89-00	1.74				6.8	+2.1	+2.3	581.5	0	475		
14		✓		271-10	2.04				10.1	+2.4	+3.5			CK		
15																
16																
17																
18																
19																
20																

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L. L.

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALC. PAGE No. 12.
 LINE No.(s) 47x PARTY No. 126 DATE 1 Day 5 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN GC WEATHER: Fog P.T.S. No. _____

Sta	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												553.8	0	Sta	467 + 1705	
2		240		27.00	1.74				12.0	14.6	2.6	551.2				
3		✓		271-10	2.04				14.4	17.1	2.7			ck		
4	N	825		271.00	1.74				10.9		+3.5	554.7		464.		
5		0	-						5.4		-5.4	545.8		-		
6	S.	495		72.00	3.49				7.3		-24.6	526.6		465.		
7		1815		72.00	3.49				9.7	23.2	22.6	478.6	0	466.		
8		✓		268-10	3.20				17.5	28.1	22.6			ck		
9		2145		88-10	3.20				6.5	17.6	13.1	416.5		Δ		
10		✓		272.00	3.49				12.5	24.9	22.1			ck		
11	N	825		271-30	2.62				6.5		+15.1	431.6		467		
12		0	-						5.4		-5.4	411.1		-		
13	S.	495		89-30	0.87				7.3		+1.0	417.5		468.		
14		1815		88-10	3.20				9.0	+29.1	54.1	470.6	0	469		
15		✓		272.00	3.49				7.2	+22.3	54.1			ck		
16																
17																
18																
19																
20																

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L. J. C.

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALK. PAGE No. 13.
 LINE No.(s) 47X PARTY No. 186 DATE 1 Day 5 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L LYMAN RODMAN G. C. WEATHER: SNOW, fog. P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		M.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
1													315.5	0	455	
2		1720		70-20	0.58					+7.7	+21.9		337.4			
3	N	✓		269-30	0.87					+11.5	+12.0					CK
4		0	-								-5.4		332.0		451	
5	S.	1720		89-30	0.87						-1.4		336.0		457	
6		2640		89-30	0.87					+27.0	+8.8		346.3	0	458	
7		✓		270-20	0.58					+15.3	+9.0					CK
8		1720		91-20	2.33					+20.8	+42.9		390.2			Δ
9	N	✓		268-30	2.62					+24.6	+42.9					CK
10		0	-								-5.3		384.9		459	
11	S.	1720		89-00	1.74						+17.9		408.1		460	
12		2690		89-00	1.74					+28.9	+41.2		431.6	0	461	
13		✓		271-10	2.04					+27.9	+41.7	+11.4				CK
14		1815		91-10	2.04					+27.0	+42.5		4791			Δ
15		✓		268-56	1.76					+22.8	+42.6					CK
16	N	495		269-00	1.74						-16.5		462.6		462	
17		0	-								-5.3		473.8		-	
18	S.	825		89-00	1.74						+11.6		490.7		463	
19		2130		27-40	4.04					+28.2	+34.6		553.9	0	STA	463 + 1305.
20		✓		272-10	3.78					+20.5	+24.2	+14.7				CK

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L. J. L.

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE Ala PAGE No. 14
 LINE No.(s) 47X PARTY No. 186 DATE 2 Day 5 Mo. 75 Yr. BOOK No. _____
 SURVEYOR C. L. LAMAN RODMAN T. T. WEATHER: SNOW P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2		2145		+1/2				+10.9	+10.9	-10.7	-0.2	715.4		0		
3		✓		270-20	0.58				+12.2	12.4	-0.2			Δ		
4	N	1320	-						2.0		-2.0		313.4		450	
5		0	-						5.7		-5.3		310.1		451	
6	S	1320		-1/2					9.2	+6.6	-2.6		312.8		452	
7		2640		-1/2					2.1	13.2	15.3	15.4	300.0	0	453	
8		✓		269-50	0.29				7.8	3.7	15.5			CK		
9		1485		+1/2					1.2	3.4	1.2	298.8		A		
10		✓		270-20	0.94				+11.2	12.9	1.1			CK		
11		570		269-00	1.74				12.4		-22.3		276.5		454	offset NORTH
12	N	165		266-56	3.34				3.8		-12.6		286.2		454	
13		0	-						5.3		-5.3		293.5		-	
14	S	1155		89-00	1.74				3.4	+20.1	+16.7		315.5	0	455	
15		✓		271-10	2.04				6.8	+22.6	+16.8			CK		
16																
17																
18																
19																
20																

71-2028

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALK PAGE No. 15.
 LINE No.(s) 77X PARTY No. 184 DATE 2 Day 5 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN T.T. WEATHER: SNOW P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		AB.S. OF S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												311.2				
2	S.	1320	-					11.4		-11.4		299.8		443		
3		2640		+1/2				14.4	+13.2	1.2	1.3	307.2	0	444		
4		✓		270-10	0.29.			9.2	7.7	1.5						
5		1320		+1/2				9.9	8.6	1.3		313.2				
6	N	✓		270-20	0.58			11.0	9.7	1.3						
7		0	-					5.3		-5.3		307.9		445.		
8	S	1320	-					13.0		-13.0		300.2		446.		
9		1815		-1/2				13.6	11.1	22.7		290.5	0			
10		✓		261-40	0.58			13.3	10.5	22.8						
11		2145		89-30	0.97			6.7	12.2	12.0		278.5				
12		✓		270-40	1.16			15.8	24.9	13.1						
13	N	1320		-1/2				14.6	-6.6	-21.2		257.3		447		
14		0	-					5.3		-5.3		273.2		448.		
15	S	1320		88-30	2.62			3.5		+31.0		309.5		449.		
16		1815		88-30	2.62			10.5	+42.6	13.1		315.1	0			
17		✓		271-36	2.79			13.2	+50.6	37.0						
18																
19																
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALK. PAGE No. 16.
 LINE No.(s) 47X. PARTY No. 186. DATE 2 Day 5 Mo. 75. Yr. BOOK No. _____
 SURVEYOR L. LITMAN. RODMAN IT WEATHER: SNOW, fog P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		AB.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1													331.6	0	435.	
2		1815		89-30	0.87				+12.9	15.8	4.9	326.7		Δ		
3		✓		270-24	0.70				+7.8	12.7	4.1			CK		
4	N	495		+1/2					3.8	+2.5	-1.3		325.4		436	
5		0	-						5.3		-5.3		321.4		-	
6	S	825		-1/2					13.7	-4.1	-17.8		308.9		437	
7		1650		90-50	1.45				13.3	27.9	36.2	31	290.3	0		
8		✓		265-03	1.66				7.1	23.4	31.5			CK		
9		1815		-1/2					+7.1	9.1	18.2	308.5		Δ		
10		✓		269-40	0.88				7.6	12.5	18.1			CK		
11	N	1320		268-50	2.04				10.8		-37.7		270.8		438	
12		0	-						5.4		-5.4		303.1		439	
13	S	1320		89-20	1.16				7.6		+7.8		316.3		440	
14		2145		89-26	0.99				13.9	+21.2	+7.3		315.8	0		
15		✓		270-30	0.87				11.5	+18.7	+7.2			CK		
16		1815		89-40	0.88				5.9	10.5	4.6	311.2		Δ		
17		✓		270-30	0.87				11.7	15.8	4.6			CK		
18	N	1320		270-30	0.87				7.7		+3.8		315.0		441	
19		0	-						5.3		-5.3		305.9		442	
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE Alk PAGE No. 17
 LINE No.(s) 47x PARTY No. 184 DATE 2 Day 5 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN 77 WEATHER: SNOW P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		ABS. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction			Center Hair	INST.			
1											322.0	0			
2		2805	-							+10.4	331.4	Δ			
3		✓		269.54	0.18				+5.5	+10.5		CK			
4		2640	-							-9.3	329.1		426		
5	N	1720	-							-6.5	331.9		427		
6		0	-							-5.3	333.1		428		
7	S	1320	-							7.0	335.4	0	429		
8		✓		270-70	0.17					+14.5		CK			
9		2640		88.50	2.04					-53.9	286.1	A			
10		✓		271-20	2.33					+12.3		CK			
11	S.	1320	-							-9.0	277.1		430.		
12		0	-							-5.4	280.7		431.		
13	N	1320		88.50	2.04					+26.9	307.7	0	432		
14		✓		271-20	2.33					+20.8		CK			
15		1320		-12						+6.6	323.8	A			
16	N	✓		269-50	0.29					+3.8		CK			
17		0	-							-5.3	318.5		433		
18	S	1320		+12						+6.6	325.8		434		
19		2640		+12						+13.2			435		
20		✓		270-26	0.76					+12.7		CK			

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALK PAGE No. 18
 LINE No.(s) 47X PARTY No. 186 DATE 2 Day 5 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN T.T WEATHER: SNOW P.T.S. No. _____

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												270.8	0	276	LINE 67	
2												272.4	RC	276	LINE 26. CN-63.	
3	E	40	-									276.3	Δ		VERT. CLOSURE -1.6	
4		✓		271-00	1.94					0.7	5.5		CK		C.O.L.	
5															MAY 3, 1975.	
6		0	-									270.8	±		477	
7															63	
8																
9	S.	310	-								-6.4	269.9		422	LINE 47X	
10		1630	-									270.5	0	423		
11		✓		270-10	0.29								CK			
12		2640	-1/2													
13		✓		269-40	0.52								CK			
14	N	1320	-1/2													
15		0	-									272.1		424.		
16	S.	1155		87-40	4.07						-5.3	280.4		425.		
17		✓		272-24	4.18							328.0	0			
18													CK			
19																
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALB. PAGE No. 19.
 LINE No.(s) 47X PARTY No. 186. DATE 5. Day 5. Mo. 75. Yr. BOOK No. _____
 SURVEYOR L. LYMAN. RODMAN T.T. WEATHER: MILD. P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distances	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												252.2	0	415.		
2		2640		89-40	0.51				4.7	15.3	10.6	248.5	Δ			
3		✓		270-30	0.97				12.2	12.0	10.2		CK			
4	NW	1320	-						5.5		-3.5	238.0		414		
5		0	-						5.3		-5.3	236.2		415.		
6	SE	1320	-						9.6		-4.6	236.9		416		
7		2475		88-40	2.33				14.3	55.7	42.4	214.9	0			
8		✓		271-16	2.21				11.3	54.7	42.4		CK			
9		1800		89-30	0.97				12.3	24.4	17.1	266.8		417		
10		✓		270-40	1.16				14.5	22.5	12.0		CK			
11		2640		270-26	0.86				3.2		+16.2	289.0		417		
12	NW	1320	-						3.0		-7.0	259.8		418		
13		0	-						5.3		-5.3	261.5		419		
14	SE	1320	-						2.3		-2.3	264.5		420		
15		2640		+1/2					12.5	17.2	8.7	267.5	0	421.		
16		✓		270-10	0.29				3.0	3.7	0.7		CK			
17		1010	-						2.8		0.8	276.3		421		
18	NW	✓		270-10	0.29				11.7	2.9	0.2		CK			
19		0	-						5.5		5.5	270.2	0			
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALX. PAGE No. 20.
 LINE No.(s) 472 PARTY No. 186 DATE J. Day 1949 No. 75 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN T.T. 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												222.4	0	EP	24. 980 T.S.
2															LAKE ELV
3	NW	2300	-						+5	-5	230.9		Δ		
4	NW	160	-						7.8	-7.8		223.1		980	ICE, LAKE.
5		0	-						5.4	-5.4		225.5		980	
6	SE.	160	-						5.2	-5.2		225.7		980	
7		2300	-						3.4	3.4		223.5	0	980	
8		3275	-						7.8	7.8	223.3		Δ		
9	NW	140	-						6.2	-6.2		221.1		SP 411	CANT. SP. 177/186
10															
11		0	-						6.2	-6.2		221.1		←	47 x 177-186.
12															47 177-195.
13															
14	N	36	-						5.7	-5.7		221.6		SP 380	177 195.
15															I.P. AT SP 380.
16															
17	SE.	1180	-						1.8	-6.8		225.5		412	
18		2500		89-10	1.45				11.6	+36.3	24.9	252.2	0	413.	
19		✓		220-59	1.59				18.7	+31.9	24.9		CK		
20															

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ACK PAGE No. 21.
 LINE No.(s) 771 PARTY No. 116 DATE 1 Day J Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN G. C. WEATHER: SNOW. P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												555.8	0	Δ	TRAIL - ALICUT BAR.	
2		2470	-							4.2	560.0		Δ			
3	NE	✓		270-10										CK		
4																
5	-	0	-							6.2		553.8	0		STA 463 + 1305	
6															RE: PAGE 13.	
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
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L. Lyman

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STABIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK PAGE No. _____
 LINE No.(s) 47 PARTY No. 186 / 195 DATE 18 Day Jun. Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN _____ WEATHER: WINDY P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		O.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1														o	Δ	TRK STA.
2																"BA7"
3																BRASS- CAP.
4		o	-												Δ	
5																
6																
7																
8																
9		1,181.15		89-56-05										o	SP.1	L-47
10		✓		110-01-40										o		
11																
12																
13		89.	NR 45.													
14		CARD		1-23A.												
15																
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE AK. PAGE No. _____
 LINE No.(s) 47 PARTY No. 195 DATE 21 Day JUN. Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN _____ WEATHER: WINDY P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	SEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		AB.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												63.0	0	Δ	LIBBY	
2																
3																
4		0	-											Δ		
5																
6																
7	NE.	8210.30		80-17-44							41.5	21.5	0	Δ	26 IRON POST.	
8		✓		70-17-12									OK		47	
9				67-42-10												
10				MEAN. AV.												
11																
12				80-17-47												
13																
14		89.		HR. 65.												
15		CARR		1-23 A.												
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. _____
 LINE No.(s) 75-97 PARTY No. 1192 DATE 30 Day APRIL Mo. 1975 Yr. BOOK No. _____
 SURVEYOR T. S. HERRILL RODMAN R. IPPICH WEATHER: HAZY 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	2640	✓								+12.4	126.6	128.2		
3		1320	✓								-11.2	127.3	301		
4		0	✓								-5.0	133.5	302		
5	S	1320	✓								-7.2	131.3	303		
6		2640	✓								-11.8	126.7	304		
7	N	2640	✓								+11.1	137.8			
8		1320	✓								-10.6	127.2	305		
9		0	✓								-5.0	132.8	306		
10	S	1320	90° 43' 02"								-30.5	107.3	307		
11		2640	✓								-8.2	129.6	308		
12	N	2640	✓				T	+11.7	-13.2		-1.5	128.6			
13		1320	✓								-6.8	121.3	309		
14		0	✓								-5.0	123.1	310		
15	S	1320	✓				T	8.2	+6.6		-1.6	126.5	311		
16		2640	✓				T	13.3	+13.2		-0.1	128.0	312		
17	N	2640	✓				B	+4.6	+13.2		+17.8	155.8			
18		1320	✓				B	14.3	-6.6		-20.9	124.9	313		
19		0	✓								-5.0	140.8	314		
20	S	1320	✓				B	1.0	+6.6		+5.6	151.4	315		

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. _____
 LINE No.(s) 75-47 PARTY No. 1195 DATE 30 Day APRIL Mo. 1975 Yr. BOOK No. _____
 SURVEYOR T. SHERRILL RODMAN R. IPPISCH WEATHER: HAZY 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 I.S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
1																
2	S	2640		88° 44' 25"					3.0	+55.0		200.8	⊙	5A316		
3	N	2640	✓						3.8	+3.8	204.0		Δ			
4		1320	✓	90° 30' 16"					14.0	-25.6		179.0		317		
5		0	✓						5.0	-5.0		199.6	π	318		
6	S	1320	✓			T	8.6	+6.6		-2.0		202.6	⊙	319		
7	N	1320	✓	88° 32' 15"					2.0	-31.7	170.9		Δ			
8		0	✓						5.0	-5.0		165.9	π	320		
9	S	1320	✓	90° 15' 12"					19.0	-23.7		147.2		321		
10		2640	✓						2.3	-2.3		168.0	⊙	322		
11	N	1320	✓						71.3	+11.3	179.4		Δ			
12		0	✓						5.0	-5.0		174.9	π	323		
13	S	1320	✓						7.4	-7.4		172.5		324		
14		2640	✓	89° 27' 33"					8.0	+16.9		194.8	⊙	325		
15	N	2640	✓						6.1	+6.1	202.9		Δ			
16		1320	✓	90° 57' 02"					19.0	-35.9		167.0		326		
17		0	✓						5.0	-5.0		197.9	π	327		
18	S	1320	✓	80° 31' 16"					6.2	+28.1		226.0	⊙	328		
19	N	2640	✓			B	5.1	+13.2		+18.3	248.3		Δ			
20		1320	✓						10.8	-10.8		238.5		329		

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STADIA SURVEY NOTES

AREA N.A.R. - 4 STATE or PROVINCE ALASKA PAGE No. _____
 LINE No.(s) 75-97 PARTY No. 1195 DATE 30 Day APRIL Mo. 1975 Yr. BOOK No. _____
 SURVEYOR T. SHERRILL RODMAN R. I. P. SCH WEATHER: LAZY 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																
2		0	✓						5.0		-5.0	244.3	π	SA 330		
3	S	1320	✓						4.4		-4.4	244.9		331		
4		2640	✓						2.1		-2.1	248.4	⊙	332		
5	N	2640	✓						10.2		+10.2	259.9	Δ			
6		2355	✓						9.4		-9.4	248.6		INT 59/47		
7		2355	✓						9.2		-9.2	248.7		S.P 200 LINE 59		
8		1320	✓						8.0		-8.0	249.4		333		
9		0	✓						5.0		-5.0	252.4	π	334		
10	S	1320	✓						4.2		-4.2	253.2		335		
11		2640	✓						7.0		-7.0	250.9	⊙	336		
12	N	2145	✓						B 5.8	+10.7	+16.5	260.91	Δ			
13		825	✓						10.4		-10.4	256.5		337		
14		0	✓						5.0		-5.0	261.9	π	337+825		
15	S	495	✓						B 13.6	-2.5	-16.1	250.8		338		
16		1815	90° 20' 28"						14.0		-14.8	242.1		339		
17		2640	✓						B 8.3	-13.2	-21.5	246.4	⊙	340+825		
18	N	1320	✓						3.9		+3.9	248.3	Δ			
19		825	✓						B 14.8	-4.1	-18.9	220.4		340		
20		0	✓						5.0		-5.0	244.3	π	340+825		

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. _____
 LINE No.(s) 75-47 PARTY No. 1195 DATE 30 Day APRIL Mo. 1975 Yr. BOOK No. _____
 SURVEYOR T. SMERRILL RODMAN R. IPPISCH WEATHER: CLAR 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.			
1															
2	S	495	✓					9.8	-9.8		239.5	π	5A341		
3		1815		90° 54' 27"				14.0	-42.7		206.6	✓	342		
4		2135		90° 08' 12"				14.0	-21.5		222.8	⊙	343		
5	N	2640	✓				T	6.6	13.2		-6.6	226.8	Δ		
6		1320		91° 00' 10"				14.0	-37.1		184.1		344		
7		0	✓					5.0	-5.0		216.2	T	345		
8	S	1320		88° 56' 23"				14.0	+10.8		232.8	⊙	346		
9	N	2950		90° 24' 35"				19.0	+33.1	226.8	226.8	Δ			
10		1630		90° 24' 00"				14.0	-25.4	226.8	226.8		347		
11		310						10.4	-10.4		256.7		348		
12		0	✓					5.0	-5.0		262.1	T	348+310		
13	S	1010		89° 28' 30"				14.0	-75.8		192.0		349		
14		2330		91° 30' 55"				14.0	-75.6		191.5	⊙	350		
15	N	2640	✓					7.6	+7.6	199.9		Δ			
16		1320	✓					7.6	-7.6		191.5		351		
17		0	✓					5.0	-5.0		194.1	T	352		
18	S	1320	✓					7.7	-7.7		191.4		353		
19		2145		89° 00' 16"				3.0	+34.3		226.8	⊙	353+825		
20	N	2640	✓				B	5.2	+13.2		+18.4	226.8	Δ		

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. _____
 LINE No.(s) 25-47 PARTY No. 1195 DATE 30 Day APRIL Mo. 1975 Yr. BOOK No. _____
 SURVEYOR T. SHERKILL RODMAN R. IPPISCH WEATHER: CLEAR 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												251.8				
2	N	2145		90° 29' 10"					140		-32.2	219.6		354		
3		825		91° 16' 00"					190		-32.2	219.6		355		
4		0	✓						50		-5.0	246.8	✓	355-1825		
5	S	495		91° 20' 12"					14.0		-25.5	226.3		356		
6		1815		91° 14' 50"					140		-53.5	198.3		357		
7		3135		90° 58' 51"					140		-60.4	191.4	⊙	358		
8	N	2640	✓						140		+14.8	206.2	Δ			
9		1320	✓						10.4		-10.4	195.8		359		
10		0	✓						50		-5.0	201.2	×	360		
11	S	1320	✓						6.8		-6.8	199.4		361		
12		2640	✓						50		-5.0	201.2	⊙	362		
13	N	2640	✓						11.0		+11.0	207.2	Δ			
14		1320	✓						9.6		-9.6	202.6		363		
15		0	✓						5.0		-5.0	207.2	×	364		
16	S	1320	✓						4.8		-4.8	207.4		365		
17		1830	✓						3.9		-3.9	208.3	⊙	366 INT 62/47		
18		1830	✓						4.2		-4.2	209.0		5A200-112662		
19		2640	✓					T	12.7	+13.2	+0.5	212.7	⊙	366		
20	N	2640		90° 02' 00"					140		+15.5	222.2	Δ			

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. _____
 LINE No.(s) 75-47 PARTY No. 1195 DATE 30 Day APRIL No. 1975 Yr. BOOK No. _____
 SURVEYOR T. SHEARILL RODMAN R. IRRISCH 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																
2	N	1320	✓						8.1	-8.1		220.1		51.367		
3		0	✓						5.0	-5.0		223.2	π	368		
4	S	1320	✓						4.1	-4.1		224.1		369		
5		2640	✓						3.2	-3.2		225.0	⊙	370		
6	N	2805	90° 58' 35"						14.0	+61.8	286.8		Δ			
7		1405	91° 47' 50"						14.0	-60.6		226.2		371		
8		165	91° 21' 10"						14.0	-17.9		268.9		372		
9		0	✓						5.0	-5.0		281.8	π	372 + 165		
10	S	1660	89° 12' 00"						6.0	+3.2		290.0	⊙	372 + 825		
11	N	1815	87° 57' 47"						2.0	-62.5	222.5		Δ			
12		1320	89° 38' 35"						2.0	+6.2		233.7		373		
13		0	✓						5.0	-5.0		222.5	π	374		
14	S	1320	✓						5.2	-5.2		222.3		375		
15		2640	✓						5.8	-5.8		221.7		376		
16		2960	✓						6.3	-6.3		221.2	⊙	377		
17	N	1320	✓						9.1	+9.1	230.2		Δ			
18		0	✓						5.0	-5.0		225.3	π	378		
19	S	1320	✓						9.1	-9.1		221.2		379		
20		2640	✓						8.7	-8.7		221.6	⊙	380		

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. _____
 LINE No.(s) 25-47 PARTY No. 1195 DATE 30 Day APRIL No. 1975 Yr. BOOK No. _____
 SURVEYOR T. SHERILL RODMAN R. LAPISCH WEATHER: 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		(4290)											221.6			
2	N	3000	90°	50' 35"				6.5		+69.6	221.2			Δ	SP380	
3		2970	91°	06' 50"				6.5		-64.2			227.0		T.S. 1	
4		1650	91°	31' 50"				6.5		-50.6			240.6		T.S. 2	
5		330	92°	15' 15"				6.5		-19.5			271.7		T.S. 3	
6		R	✓					5.0		-5.0			286.8	π	T.S. 3	+330
7	S	990	91°	49' 45"				6.5		-38.1			253.1	⊥	T.S. 4	
8		2310	90°	46' 00"				6.5		-37.4			253.8		T.S. 5	
9		3670	90°	25' 25"				6.5		-33.3			257.9		T.S. 6	E.O.L.
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA N.P.R.-A STATE or PROVINCE Alaska. PAGE No. 83
 LINE No.(s) 47 PARTY No. 195 DATE 20 Day 5 Mo. 75 Yr. BOOK No. _____
 SURVEYOR D. Young RODMAN Larry WEATHER: White out Cloudy 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.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2	North	1185		70°20-25		C			30.8	47	Elev from spike in ground Refer page 68 line 20					
3	"	"		-		-			15.0			120.2			226	38.3
4	South	1320		90°00		C			5.4				115.3		227	96.4 (A.S.)
5																
6	North	1320		70°00		T	6.6		6.9							
7	"	"		-		-			10.5							
8	South	1320		91°00-17		C			5.4				113.8		228	
9									15.0				81.1		229	
10	North	2640		70°00		C										
11	"	1320		70°00		C			5.6							
12	"	"		-		-			6.3				80.4		230	
13	"	1320		90°00		C			5.4				81.3		231	
14	South	2640		90°00		C			6.2				80.5		232	
15																
16	North	2640		90°00		C			6.2				80.5		233	
17	"	1320		70°00		C			6.7							
18	"	"		-		-			6.3				80.9		234	
19	"	1320		90°00		C			5.4				81.8		235	
20	South	2640		90°00		C			5.4				81.8		236	
									5.5				81.7		237	

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STADIA SURVEY NOTES

AREA N.P.R.-4 STATE or PROVINCE Alaska PAGE No. 84
 LINE No.(s) 77 PARTY No. 195 DATE 21 Day 5 Mo. 75 Yr. BOOK No. _____
 SURVEYOR P. Young RODMAN Larry WEATHER: Clearing P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction				INST.	ROD			
1																
2	North	260		90°04'	C			10.0		+18.3	100.6		A			
3		170		90°00'	C			0.2		-13.2		87.4		238		
4		0		-	-			5.4		-5.4		95.2		239		
5	South	1820		87°31'20"	C			8.0		-0.1		100.5	⊙	240		
6																
7	North	1320		89°25'04"	C			3.0		-10.4	90.1		A			
8	North	(1485)?		89°24'48"	C	Top of Target									Target 238+1155	
9		0		-	-			5.9		-5.4		84.7		241		
10		1320		90°00'	C			11.2		-11.2		78.9		242		
11	South	2640		90°00'	T		13.2	7.0		+6.2		96.3	⊙	243		
12																
13	North	1320		89°56'58"	C			19.0		+12.8	109.1		A			
14		0		-	-			5.4		-5.4		103.7		244		
15	South	1320		90°00'	C			10.6		-10.6		98.5	⊙	245		
16																
17	North	260		90°00'	C			7.3		+7.3	105.8		A			
18		1320		90°00'	B		6.6	9.4		-16.0		89.8		246		
19		0		-	-			5.4		-5.4		100.4		247		
20	South	1320		90°00'	T		6.6	12.5		-6.9		98.9	⊙	248		

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STADIA SURVEY NOTES

AREA N.P.R.-4 STATE or PROVINCE Alaska PAGE No. 85
 LINE No.(s) 47 PARTY No. 195 DATE 21 Day 5 Mo. 75 Yr. BOOK No. _____
 SURVEYOR D. Young RODMAN Larry WEATHER: Fog P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD		
1															
2	North	1320		90-00		C			2.2	+2.2	101.1				
3		9		-		-			5.0	-5.0		96.1		247	
4		1320		90-00		C			5.6			95.5		250	
5	South	2640		90-00		T		13.2	0.8	+12.4		113.5		254	Target
6															
7	North	2640		90-00		T		13.2	12.9	-0.3	113.2				
8	North	2655		89-52-19		C									
9		1320		90-00		C			1.7	-1.7		111.5		252	
10		0		-		-			5.4	-5.4		107.8		253	on ice
11		1320		90-00		C			5.9	-5.9		106.3		254	
12	South	2640		90-00		C			6.2	-6.2		107.0		255	
13										+19.3					
14	North	1320		90-21-58		C			18.7	HR. on Stake	126.3				
15		0		-		-			5.9	-5.9		120.4		256	
16	South	1320		90-00		T		6.6	6.5	+0.1		126.4		257	
17															
18	North	2640		89-41-01		C			6.0	-8.6	117.8				
19		1320				Constant	Slope-					119.4		258	
20		0		-		-			5.4	-5.4		112.4		259	

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STADIA SURVEY NOTES

AREA N.R.R.-4 STATE or PROVINCE Alaska PAGE No. 26
 LINE No.(s) 47 PARTY No. 195 DATE 21 Day 5 Mo. 75 Yr. BOOK No. _____
 SURVEYOR D. Young RODMAN Larry WEATHER: Fog 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 of Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
1												117.9				
2		1320		90-00							-6.5	111.3		260		
3	South	2640		90-00							-5.6	112.2	⊙	261		
4																
5	North	3960		90-00							+5.4	117.6				
6		2680		90-00							-6.0	111.6		262		
7		1320		90-00							-5.1	112.5		263		
8		0		-							-5.4	112.2		264		
9		1320		90-00							-5.4	112.2		265		
10		2640		90-00							-5.9	111.7		266		
11	South	3960		90-00			19.8				+8.9	126.5	⊙	267		
12																
13	North	1115		90-00							+6.8	133.3				
14		0		-							-5.4					
15		205		ON ICE			58-269					127.9				Edge of Lake Drilled here
16	South	1505		90-23-26							-25.1	108.2	⊙	268		ON ICE
17												108.2		269		" "
18	North	2640		90-00							+6.5	114.7				
19		1320		90-00							-3.7	111.0		270		
20		0		-							-5.4	109.3		271		

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STADIA SURVEY NOTES

AREA N.P.R-4 STATE or PROVINCE Alaska PAGE No. 27
 LINE No.(s) 47 PARTY No. 195 DATE 21 Day 5 Mo. 25 Yr. BOOK No. _____
 SURVEYOR D. Young RODMAN Larry WEATHER: Fog. P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD		
1												114.7			
2	South	640		90-00		C						108.9			
3	S.W.	800		90-00		T		4.0			+0.5	115.2		Intersection	47-58 Top P. is 2.7
4	S.E.	1450		87-01-51		C				+17.8	+16.8	131.5		SP-416	1-58 1110 + 4.2 tie
5	South	1320		87-09-38		C				+19.3	+17.3	132.0		ST-415	1-58 126.9 + 4.2 tie
6	South	2145		89-09-16		C					+27.6	142.3		277	L-47
7															
8	North	1815		89-22-19		C					-10.3	132.0			
9		1320		90-00		C					-5.1	126.9		273	
10		0									-5.4	126.6		274	on 100
11		1320		90-00		C					-4.9	127.1		275	
12	South	2640		90-00		C					-4.0	128.0		276	
13															
14	North	2680		90-00		C					+5.2	133.2			
15		1320		90-00		C					-2.3	130.9		277	
16		0									-5.2	128.0		278	
17		1320		90-00		C					-1.9	131.3		279	
18	South	2640		90-00		C					-8.7	124.5		280	
19															
20															

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STADIA SURVEY NOTES

AREA N.P.R.-A STATE or PROVINCE Alaska PAGE No. 88
 LINE No.(s) 47 PARTY No. 195 DATE 21 Day 5 Mo. 75 Yr. BOOK No. _____
 SURVEYOR D. Yauscy RODMAN Larry WEATHER: Snow & Fog P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion			Center Hair	INST.		
1														
2	North	1320		90°00		B	6.6	14.7	+21.3	145.8		Δ		
3		0		-		-		5.6	-5.6		140.2		281	Target 6.4
4	South	1320		90°32.47		C		15.0	-27.6		118.2		282	
5														
6	North	3465		90°00		B	17.3	2.5	+25.8	144.0		Δ		
7		2145		90°21.22		C		15.0	+13.6	28.6	115.4		283	
8		825		90°39.11		C		15.0	-9.4	24.4	119.6		284	
9		0		-		-		5.4	-5.4		138.6			
10		495		90°00.02		C		8.9	-8.9		125.1		285	
11		1815		90°00		B	9.2	9.2	18.2		125.8		286	
12	South	3135		90°00		B	15.7	4.1	-19.8		124.2		287	Iron pipe 5'5" above ground
13														correct 286
14	North	2640		90°00		C		8.7	+5.9	130.1		Δ		
15		1120		90°00		C		4.9	-4.9		125.2		288	
16		0		-		-		5.4	-5.4		124.7		289	
17		1320		90°00		C		5.3	-5.3		124.8		290	
18	South	2640		90°00		C		4.0	-4.0		126.1		291	
19														
20														

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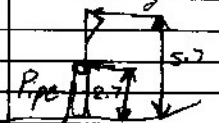
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STADIA SURVEY NOTES

AREA N.P.R.-A STATE or PROVINCE Alaska PAGE No. 89
 LINE No.(s) 47 PARTY No. 175 DATE 21 Day 5 Mo. 75 Yr. BOOK No. _____
 SURVEYOR D. Young RODMAN Larry WEATHER: Sunny & Fog 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																
2	North	2640		90-00		C			113	+11.3	137.4			Δ		
3		1320		90-00		C			4.7	-11.7		125.7			292	
4		0		—		—			5.4	-5.4		132.0			293	# SP. CRATERED.
5		1320		90-00		C			6.7	-6.9		130.5			294	
6	South	2640		90-00		C			8.1	-8.1		129.3		⊙	295	
7																
8	North	3960		90-04-09		C			15.0	+19.8	149.1			Δ		
9		2640		90-26-00		C			15.0	-4.6	-19.6	129.5			296	
10		1320		90-00		⊙			9.5	-9.5		139.6			297	
11		0		—		—			5.4	-5.4		143.7			298	
12		1320		90-00		C			2.6	-7.6		141.5			299	
13	South	2640		90-00		B		13.2	3.3	+16.5		132.6		⊙	300	
14	'91	2640		90-13-38		C			5.7			(129.9)		⊙	300	3 top of target Fiber type 2.7. above ground.
15																
16																
17																
18																
19																
20																



TI-558B

WORKED BY _____ CHECKED BY 1st _____ 2nd _____

STADIA SURVEY NOTES

AREA N. 12. R. 4 STATE or PROVINCE Alaska PAGE No. 92
 LINE No.(s) 47 PARTY No. 195 DATE 22 Day 5 Mo. 25 Yr. BOOK No. _____
 SURVEYOR D. Young RODMAN Larry WEATHER: Snow P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD		
1				Take of spike											
2	South	2805		89-41-30		C			1.0	-15.0	-14.0	84.3		△	Elev. Refer Bgt 68 L-30x
3		2690		90-00		T		13.2	6.5	+	+6.7				
4		1320		90-00		T			5.6	6.6	1.0				225
5		0		-		-			5.1						224
6		1320		90-00		T			4.7	+6.6	+7.9				223
7	North	2690		82-35-25		C			1.0	+18.0	+17.8			○	222
8															221
9	South	1320		90-03-12		C			15.0	+1.2	+16.2	118.3		△	
10		0		-		-			5.4						220
11		1320										112.9			same lake as 219
12	North	2680		90-37-53		C			15.0	29.1	-44.1	74.2		○	229 same elev as 218
13															218
14	South	2145		90-44-51		C			15.0	+28.0	+43.0	117.2		△	
15		825													217
16		0		-		-			5.4			74.2			same elev as 218
17		425													216
18	North	1815		90-56-02		C			15.0	-30.1	-45.1	72.1		○	215 same elev as 215
19															215
20															

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2nd _____

STADIA SURVEY NOTES

AREA N.P.R. 4 STATE or PROVINCE Alaska PAGE No. 91
 LINE No.(s) 47 PARTY No. 195 DATE 22 Day 5 Mo. 75 Yr. BOOK No. _____
 SURVEYOR D Young RODMAN Larry WEATHER: SNOWING 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																
2	South	2640		90°00		C					+13.2	85.3		Δ		
3		1320		90°00		C							71.8		214	
4		0		-		-							77.9		213	
5	North	1120		89°32'56		C					+8.0		93.9	○	217	
6																
7	South	2640		90°00		C					+8.1	101.4		Δ		
8		1320		90°00'38		C					27.1		74.3		211	
9		0		-		-							96.0		210	
10		1320		90°00		C							100.2		209	
11	North	2640		90°00		T		13.2			+1.6		103.0	○	208	
12																
13	South	2640		89°03'08		C					-32.7	70.3		Δ		
14		1320		90°00		C							65.7		207	
15		0		-		-							64.9		206	on ice
16		1320		90°00		T		6.6			-1.7		68.6		205	
17	North	2640		90°00		T		13.2			+7.6		77.9	○	204	
18																
19	South	2640		89°15'53		C					-19.9	58.0		Δ		target @ 204+55
20		1320		89°15'43		C					+4.4		72.4		203	

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WORKED BY _____ CHECKED BY 1st _____ 2nd _____

STADIA SURVEY NOTES

AREA N.P.R-4 STATE or PROVINCE Alaska PAGE No. 92
 LINE No. (s) 47 PARTY No. 175 DATE 22 Day 5 Mo. 75 Yr. BOOK No. _____
 SURVEYOR D. Young RODMAN Larry WEATHER: Snow & Fog P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												58.0				
2		0		—					5.7			52.6		202		
3		1320		9000					11.8			46.2		201		
4	North	2640		9000					12.0	-78.0		46.0	⊙	200		
5																
6	South	2640		90.00					5.4	+5.4	51.4		Δ			
7		1320		9000					5.1			46.3		199		
8		"		—					5.4			46.0		198		
9		1320		90.00					5.9			45.5		197		
10	North	2640		90.00					5.3	-5.3		46.1	⊙	196		
11																
12	South	3795		90.00			19.0		10.7	+29.7	75.8		Δ			
13		2975		90.20.25					15.0	29.7		46.1		195		
14		1355		71.41.34					15.0	29.0		46.8		194		
15		0		—					5.6			70.2		193		Target high 8.4
16		165		90.00					8.6			67.2		193		
17		1425		90.25.36					15.0	25.2		50.6		192		"beard in line"
18	13.5	2025		90.17.37					15.0	29.1		46.7	⊙	191		F
19	16.1 + 16.180	2760		90.00			14.7		3.8	-18.5		57.3	⊙			
20		2940														

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2nd _____

STADIA SURVEY NOTES

AREA N.P.R-4 STATE or PROVINCE Alaska PAGE No. 22
 LINE No.(s) 47 PARTY No. 125 DATE 22 Day 5 Mo. 75 Yr. BOOK No. _____
 SURVEYOR D. Young RODMAN Larry WEATHER: cloudy & misty 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													37.3			
2	South	3795		70°00		T		13.0	7.7		-11.3	46.0		38.3	190	
3		2640		90°00		C			7.7					38.1	189	
4		1320		90°00		C			7.9					40.6	188	
5		0		-		-			5.4					41.4	187	
6		1320		70°00		C			4.6					34.6	186	
7		2640		90°00		C			11.4					35.9	185	
8	North	3960		90°00		C			12.1		72.1					
9																
10	South	2640		90°00		C			14.7		+14.7	48.6				
11		1320		90°00		C			15.0					33.6	184	
12		0		-		-			5.4					43.2	183	
13		1320		90°00		C			10.1					38.5	182	
14	North	2640		90°01.92		C			15.0		-1.3	-16.3		32.3	181	
15																
16	South	2640		90°01.33		C			15.0		+1.2	+16.2	48.5			
17		1320		90°00		C			9.7					38.8	180	
18		0		-		-			5.4					43.1	179	
19		1320		90°00		C			9.7					38.8	178	
20	North	2640		90°00		C			8.2		-8.2			40.3	177	

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WORKED BY _____ CHECKED BY 1st _____ 2nd _____

STADIA SURVEY NOTES

AREA N.P.R-4 STATE or PROVINCE Alaska PAGE No. 94
 LINE No.(s) 47 PARTY No. 175 DATE 22 Day 5 Mo. 25 Yr. BOOK No. _____
 SURVEYOR D. Young RODMAN Larry WEATHER: _____ P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2	South	1815		90°29.50		C			15.0	+15.8	+30.9	71.2		Δ		
3		495		90°00		C			12.5				58.7		176	
4		0		—		—			5.4				65.8			Target
5	North	825		90°00		C			12.0		72.0		59.2	○	175	
6	North	2145												○	177	
7	South	2640		89°31.50		C			2.0	-21.6	-19.6	39.6		Δ		
8		1320		90°00		C			5.5				34.1		174	
9		0		—		—			5.4				34.2		173	
10		1520		90°00		C			9.3				30.3		172	
11	North	2690		90°00		C			5.3		-5.3		34.3	○	171	
12																
13	South	2780		90°02.01		C			15.0	+1.6	+16.6	50.9		Δ		
14		1460		90°11.13		C			15.0		17.8		31.1		170	
15		140		90°09.38		C			15.0		20.3		30.6		169	
16		0		—		—			5.4				45.5			
17		1160		90°21.95		C			15.0		22.3		28.6		168	
18	North	2480		90°02.72		C			15.0	-1.8	-16.8		34.1	○	167	
19																
20																

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2nd _____

STADIA SURVEY NOTES

AREA N.P.R-4 STATE or PROVINCE Alaska PAGE No. 95
 LINE No.(s) 47 PARTY No. 195 DATE 22 Day 5 Mo. 75 Yr. BOOK No. _____
 SURVEYOR J. Heenan RODMAN Larry WEATHER: Cloudy light rain & hazy 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	South	2340		90-00		T		11.7		9.5	-2.2	31.9			
3		1020		90-00		C				4.9			27.5	SP-166	(3.5712) Pipe is 4.2 above X
4		0								5.6			26.3		INTERSECTION 47 & 26 X
5	West	60		90-00		C				5.3			26.6	2	SP-411, P-26-X
6	East	1260		90-00		C				3.8			28.1	2	SP-410, L-26 X
7		300		90-00		C				3.3			28.6	SP-165	
8	North	1620		90-00		T		8.1		8.6	-0.5		31.4	Q 164	
9															
10	South	2640		90-00		T		13.2		12.8	-0.4	31.0			
11		1320		90-00		T				6.0	+2.6	+6.6	31.6	163	
12		0								5.4			25.4	162	
13		1320		90-00		C				6.5			24.5	161	
14	North	2640		90-00		C				1.6	-1.6		29.4	Q 160	Target (Garbage bag)
15															
16	South	2640		89-50-24		C				11.0	-7.4	+3.6	33.0		
17		1320		89-50-24		C				10.5		2.1	25.9	159	
18		0								5.4			27.6	158	
19		1320		90-00		C				7.3			25.7	157	
20	North	2640		90-00		C				7.4	-7.4		25.6	Q 156	

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CHECKED BY 1st _____

2nd _____

STADIA SURVEY NOTES

AREA N. P. R. - 4 STATE or PROVINCE Alaska PAGE No. 96
 LINE No.(s) 47 PARTY No. 192 DATE 22 Day 5 Mo. 75 Yr. BOOK No. _____
 SURVEYOR D. Young RODMAN Larry WEATHER: Sunny w/ over-cast 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	South	1320		90-00		C				+14.0	39.6		Δ			
3		0		-		-						34.2		155		
4		1320		90-00		B			6.6	29.1		19.5		154		
5	North	2640		90-0202		C			-1.6	-16.6		23.0	⊙	153		
6																
7	South	3000		70-00		C				+14.3	37.9		Δ			
8	B	1480		90-00		B			8.4	15.3		22.0		152		
9	B	360		90-49.46		C				20.2		17.1		151		
10		0		-		-						31.9				
11		960		90-00		B			7.8	17.2		20.1		150		
12	North	2280		90-00		C				-14.8		22.5	⊙	149		
13																
14	South	2640		70-00		C				+4.7	27.2		Δ			
15		1320		90-00		C						21.6		148		
16		0		-		-						21.8		147		
17		1320		90-00		C						21.8		146		
18	North	2640		90-00		C				-6.3		20.9	⊙	145		
19																
20																

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WORKED BY _____ CHECKED BY 1st _____ 2nd _____

STADIA SURVEY NOTES

AREA N.I.P.R.-4 STATE or PROVINCE Alaska PAGE No. 97
 LINE No.(s) 47 PARTY No. 195 DATE 23 ? Day 23 Mo. 75 Yr. BOOK No. _____
 SURVEYOR D. Young RODMAN Larry WEATHER: Cloudy 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	South	1320		90°00		T		6.6	11.9	+5.3	26.2				
3		0		-		-			5.4				144		
4	North	1220		90°00		C			9.0				143		
5	North	2640		90°00		C			7.0	-7.0			142		
6															
7	South	1320		90°00		C			2.5	+3.5	22.7				
8		0		-		-			5.4						
9	North	190		90°00		C			6.4					(No Pipe)	
10	East	1100		90°00		T		5.5	5.5	0.0				INTERSECTION 47° 40' X	
11	N.W.	290		90°00		C			6.1					S.P. 1-40' 0.5 T15	
12	North	1320		90°00		C			10.4	-10.4				S.P. 70 1-40' X	
13													140	(Near Typograph Test well no 1)	
14	South	2640		90°00		C			5.5	+5.5	17.8				
15		1320		90°00		C			5.3						
16		0		-		-			5.4				12.5	139	
17		1320		90°00		C			4.3				12.4	138	
18	North	2640		90°00		C			3.9	-3.9			13.5	137	
19													13.9	136	
20															

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WORKED BY _____ CHECKED BY 1st _____ 2nd _____

STADIA SURVEY NOTES

AREA N.P.R.-4 STATE or PROVINCE Alaska PAGE No. 98
 LINE No.(s) 47 PARTY No. 175 DATE 23 Day 5 Mo. 75 Yr. BOOK No. _____
 SURVEYOR D. Young RODMAN Larry WEATHER: Snowing 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.			
1															
2	South	2970		90°00		C			+70.6	24.5		Δ			
3		1650		90°00		C					16.0		135	} Larry spread	
4		330		90°00		C					17.4		134		
5		0		44		←					17.1		134		
6		1320		90°00		C					14.0		133		
7	North	2640		90°00		C			-70.1		14.2	○	132		
8															
9	South	2640		90°00		C			+7.6	22.0		Δ			
10		1320		90°00		C					16.5		131		
11		0		—		—					16.6		130		
12		1320		90°00		C					15.7		129		
13	North	2640		90°00		C			-6.6		15.4	○	128		
14															
15	South	2640		90°00		T		13.2	+2.0	13.4		Δ			
16		1320		90°00		C					7.1		127		
17		0		—		—					8.0		126		
18		1320		90°00		C					7.6		125	"bend" in line	
19	North	2640		89°45-15		C			+11.3	+8.3	21.7	○	124		
20															

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STADIA SURVEY NOTES

AREA N.P.R-4 STATE or PROVINCE Alaska. PAGE No. 99
 LINE No.(s) 47 PARTY No. 195 DATE 23 Day 8 Mo. 75 Yr. BOOK No. _____
 SURVEYOR D. Young RODMAN Larry WEATHER: Fog light snow 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																
2	South	2690		90-00		T		13.2		14.0	+0.8	22.5				
3		1320		90-00		C				5.9			16.6		123	
4		0		-		-				5.0			17.5		122	
5		1220		90-00		C				5.9			16.6		121	
6	North	2690		90-00		C				2.0	-8.0		14.5	⊙	120	*
7																
8	East	1105		90-00		C				6.3	+6.3	20.8		Δ		
9		0		-		-				5.4						
10	West	1250		87-43-33		C				11.0	+6.0	+5.0	25.8	⊙		GOVT VALUE 24° Δ Tri Sta Swan 1187E
11																
12				89-57-32									14.5	⊙		SP-120*
13	South	2690		87-55-38		C				12.0	-3.4	+8.6	23.1	Δ		
14		1220		87-55-38		C				9.2		7.5	15.6		119	
15		0		-		-				5.4			17.7		118	
16		1320		90-00		C				13.3			9.0		117	
17	North	2690		90-00		C				14.0	-14.0		9.1	⊙	116	
18																
19	South	2690		90-00		C				5.9	+5.9	15.0		Δ		
20		1320		90-00		C				5.4			9.6		115	

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STADIA SURVEY NOTES

AREA N.P.R. 4 STATE or PROVINCE Alaska PAGE No. 100
 LINE No.(s) 47 PARTY No. 195 DATE 23 Day 5 Mo. 75 Yr. BOOK No. _____
 SURVEYOR D. Young RODMAN Larry WEATHER: light snow hazy 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.	ROD			
1												15.0				
2		0		-									9.6		114	
3		1320		90-00									12.7		113	
4	North	2640		90-00				13.2			+8'		23.1	0	112	
5																
6	South	2640		90-00				13.2			-1.5	21.6		Δ		
7		1320		90-00									17.5		111	
8		0		-									16.2		110	
9	North	1320		90-00							-5'		16.5	0	109	
10																
11	South	570		90-00							+5.6	22.1		Δ		(Pipe, No Tag) 2.97E
12		0		-									16.7			INTERSECTION 57.57 B
13	West	1130		90-00									12.4	SP. 71-57		(Height of Pipe 5.2)
14	East	185		90-00									14.6	SP. 70-57		
15	North	750		90-00									15.8		108	
16	North	2070		90-00							-6.2		15.3	0	107	
17																
18	South	2640		90-00				13.2			-0.7	15.8		Δ		
19		1320		90-00									9.8		106	
20		0		-									9.8		105	

TI-8888

WORKED BY _____ CHECKED BY 1st _____ 2nd _____

STADIA SURVEY NOTES

AREA N.P.R.-4 STATE or PROVINCE Alaska PAGE No. 101
 LINE No.(s) 47 PARTY No. 195 DATE 23 Day 5 Mo. 75 Yr. BOOK No. _____
 SURVEYOR D. Young RODMAN Larry WEATHER: Cloudy & hazy 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												15.2				
2		1320		90-00		C			6.8			8.4		104	"band in line"	
3	North	2640		90-00		C			7.2	-7.2		8.0	⊙	103		
4																
5	South	2640		90-00		C			7.5	+7.5	15.5		Δ			
6		1320		90-00		C			7.3			8.2		102		
7		0		-		-			5.4			10.1		101		
8		1320		90-00		C			7.0			8.5		100		
9	North	2640		90-00		C			7.8	-7.8		7.7	⊙	99		
10																
11	South	2640		90-00		C			9.1	+9.1	16.8		Δ			
12		1320		90-00		C			6.3			10.5		98		
13		0		-		-			5.4			11.4		97		
14		1320		90-00		C			2.5			13.3		96		
15	North	2640		90-00		C			6.5	-6.5		10.3	⊙	95		
16																
17	South	2640		90-00		C			6.7	+6.7	17.0		Δ			
18		1320		90-00		C			7.3			9.7		94		
19		0		-		-			5.4			11.6		93	"band in line"	
20		1320		90-00		C			6.4			10.6		92		
TI-3000	North	2640		90-00		C			7.0	-7.0		10.0	⊙	91		

WORKED BY _____

CHECKED BY 1st _____

2nd _____

STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE Alaska PAGE No. 102
 LINE No.(s) 47 PARTY No. 195 DATE 23 Day 5 Mo. 75 Yr. BOOK No. _____
 SURVEYOR D. Young RODMAN Larry WEATHER: Scattered clouds P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		ABS. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction				INST.	ROD			
1																
2	South	2195		90-00		B		10.7	5.7	+16.4	26.4		Δ			
3		825		90-00		C			11.0			15.4		90		
4		0		-		-			5.9			21.0				
5		495		90-00		C			7.9			18.5		89		
6		1815		90-00		C			9.3			17.1		88		
7	North	3935		90-00		C			1.8	-1.8		24.6	0	87		
8																
9	South	2640		90-00		C			4.1	+4.1	28.7		Δ			
10		1320		90-00 90-00		C			2.0			26.7		86		
11		0		-		-			5.4			23.3		85		
12		1320		90-25-07		C			15.0	-9.64	-24.6	13.7		84		
13	North	2640		90-00		B		13.2	11.0		24.8	3.9	⊙	83		
14																
15	South	2640		90-00		C			10.4	+10.4	14.3		Δ			
16		1320		90-00		C			8.6			5.7		82		
17		0		-		-			5.9			8.9		81		
18		1320		90-00		C			9.7			4.4		80		
19	North	2640		90-00		C			7.0	-7.0		7.3	⊙	79		
20																

71-6888

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STADIA SURVEY NOTES

AREA N.P.R-4 STATE or PROVINCE Alaska PAGE No. 103
 LINE No.(s) 47 PARTY No. 195 DATE 23 Day 5 Mo. 75 Yr. BOOK No. _____
 SURVEYOR D. Young RODMAN Larry WEATHER: _____ P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2	South	2960		90-00		C					+6.7	14.0		Δ		
3		2640		90-00		C							4.1		78	
4		1320		90-00		C							4.0		77	
5		0		-		-							8.6		76	
6		1320		90-00		C							3.2		75	
7	North	2640		90-00		C					-8.6		5.4	○	74	
8																
9	South	2640		90-00		C					+8.3	13.7		Δ		
10		1320		90-00		C							9.3		73	
11		0		-		-							8.3		72	on ice
12		1320		90-00		C							7.8		71	(end in line)
13	North	2640 2580		90-00		C					-6.6		7.1	○	70	
14																
15	South	2760		90-00		C					+13.3	20.4		Δ		
16		1990		90-00		C							9.4		69	
17		120		90-00		C							8.2		68	
18		0		-		-							15.0			(No Pipe)
19		1115		90-00		C							6.2			Intersection 47 56
20	N.E.	1300		90-00		C							5.9			SP - 65 L. 56 O.B.TIE

TI-6000

WORKED BY _____ CHECKED BY 1st _____ 2nd _____

STADIA SURVEY NOTES

AREA N.P.R.-4 STATE or PROVINCE Alaska PAGE No. 104
 LINE No.(s) 47 PARTY No. 125 DATE 23 Day 5 Mo. 25 Yr. BOOK No. _____
 SURVEYOR D. Young RODMAN Larry WEATHER: Cloudy 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												20.4				
2	<u>Nil</u>	<u>970</u>		<u>90-00</u>									<u>6.4</u>			<u>SP. 64, L. 56 ± 0.4 TIE.</u>
3		<u>1200</u>		<u>90-00</u>									<u>6.0</u>			<u>67</u>
4	<u>North</u>	<u>2520</u>		<u>90-00</u>							<u>-14.6</u>		<u>5.8</u>	<u>0</u>		<u>66</u>
5																
6	<u>South</u>	<u>2640</u>		<u>90-00</u>							<u>76.5</u>	<u>12.3</u>				<u>Δ</u>
7		<u>1320</u>		<u>90-00</u>									<u>6.3</u>			<u>65</u>
8		<u>0</u>		<u>-</u>									<u>6.9</u>			<u>64</u>
9		<u>1320</u>		<u>90-00</u>									<u>6.2</u>			<u>63</u>
10		<u>2640</u>		<u>90-00</u>									<u>4.0</u>			<u>62</u>
11	<u>North</u>	<u>3960</u>		<u>90-00</u>							<u>-6.6</u>		<u>5.7</u>	<u>0</u>		<u>61</u>
12																
13	<u>South</u>	<u>3960</u>		<u>90-00</u>							<u>+31.5</u>	<u>9.2</u>				<u>Δ</u>
14		<u>2640</u>		<u>90-00</u>									<u>7.4</u>			<u>60</u>
15		<u>1320</u>		<u>90-00</u>									<u>3.1</u>			<u>59</u>
16		<u>0</u>		<u>-</u>									<u>3.8</u>			<u>58</u>
17		<u>1320</u>		<u>90-00</u>									<u>3.8</u>			<u>57</u>
18		<u>2640</u>		<u>90-00</u>									<u>5.5</u>			<u>56</u>
19	<u>North</u>	<u>3960</u>		<u>89-57-05</u>							<u>+3.4</u>	<u>+2.4</u>	<u>11.6</u>	<u>0</u>		<u>55</u>
20																

TI-5008

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STADIA SURVEY NOTES

AREA N.P.R.-4 STATE or PROVINCE Alaska PAGE No. 105
 LINE No.(s) 47 PARTY No. 195 DATE 23 Day 5 Mo. 22 Yr. BOOK No. _____
 SURVEYOR D. Young RODMAN Larry WEATHER: _____ P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD		
1															
2	South	2640		90-00		C			7.2	+7.2	18.8			Δ	
3		1320		90-00		C			8.7			10.1			54
4		0		—		—			5.4			13.4			53
5		1320		90-00		C			6.4			12.4			52
6	North	2640		90-00		C			6.6	-6.6		12.2		⊙	51
7															
8	South	2640		90-00		C			12.3	+12.3	24.5			Δ	
9		1320		90-00		C			12.4			12.1			50
10		0		—		—			5.4			17.1			49
11		1320		90-00		B			14.5	6.6	21.1	3.4			48
12	North	2640		90-00		B		13.2	8.5	-21.7		2.8		⊙	47
13															
14	South	2640		90-00		B		13.2	56	+18.8	21.6			Δ	
15		1320		90-00		B			11.6	6.6	18.2	3.4			46
16		0		—		—			5.4			16.2			45
17		1320		90-00		C			8.4			13.2			44
18		2640		90-00		C			6.2			15.4			43
19	North	3960		90-00		C			8.2	-8.2		13.4		⊙	42
20															

TI-2088

WORKED BY _____ CHECKED BY 1st _____ 2nd _____

STADIA SURVEY NOTES

AREA N.P.R.-4 STATE or PROVINCE Alaska PAGE No. 106
 LINE No.(s) 47 PARTY No. 195 DATE 23 Day 5 Mo. 23 Yr. BOOK No.
 SURVEYOR D. Young RODMAN Larry WEATHER: light snow & 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.	ROD			
1																
2	South	3960		90-00		C			0.8	+0.8	14.2		Δ			
3		2640		90-00		C			5.7			8.5		41		
4		1320		90-00		C			6.1			8.1		40		
5		0		—		—			5.4			8.8		39		
6		1320		90-00		C			8.6			8.6		38		
7		2640		90-00		C			6.6			8.6		37		
8	North	3960		90-00		C			5.7	-5.7		8.5		36		
9																
10	South	2640		90-00		C			15.1	+15.1	23.6		Δ			6.0
11		1320		90-00		C			7.5			16.1		35		5.9
12		0		—		—			5.4			18.2		34		
13		1320		90-00		C			3.7			19.9		33		
14	North	2640		90-00		C			2.9	-2.9		20.7		32		
15																
16	South	3600		90-00		C			10.2	+10.6	31.3		Δ			
17		1320		90-00		C			9.9			21.4		31		
18		0		—		—			5.9			25.9		30		
19	1155	3600		90-00		C			6.8			24.5		29		IRON Pipe 5.9 high
20	North	3320		90-00		C			5.8			25.5		28		Bund in line

TI-5000

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CHECKED BY 1st _____

2nd _____

STADIA SURVEY NOTES

AREA N.P.R. 4 STATE or PROVINCE Alaska PAGE No. 107
 LINE No.(s) 47 PARTY No. 195 DATE 23 Day 5 Mo. 75 Yr. BOOK No. _____
 SURVEYOR D. Young RODMAN Larty WEATHER: _____ P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
1																
2	North	2620		90-00		C					76.5		24.8	⊙	28	
3																
4	South	2640		90-00		C					73.8	28.6		Δ		
5		1320		90-00		C							24.3		27	
6		0		—		—							23.2		26	
7		1320		90-00		C							22.5		25	
8	North	2640		90-00		C					77.8		20.8	⊙	24	
9																
10	South	2640		90-00		C					75.1	25.9		Δ		
11		1320		90-00		C							19.6		23	
12		0		—		—							20.5		22	
13		1320		90-00		C							20.6		21	
14	North	2640		90-00		C					75.0		20.9	⊙	20	
15																
16	South	2640		90-00		C					76.1	27.0		Δ		
17		1320		90-00		C							20.0		19	
18		0		—		—							21.6		18	
19		1320		90-00		C							20.8		17	
20	North	2640		90-00		C					79.6		17.4	⊙	16	

TI-5088

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STADIA SURVEY NOTES

AREA N.P.R.-A STATE or PROVINCE Alaska PAGE No. 108
 LINE No.(s) 47 PARTY No. 195 DATE 23 Day 5 Mo. 75 Yr. BOOK No. _____
 SURVEYOR D. Young RODMAN Larry WEATHER: _____ P.T.S. No. _____


LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2	South	2640		90-00		C				+4.6	22.0			Δ		
3		1320		90-00		C						16.2			15	
4		0		-		-						16.6			14	
5		1320		90-00		C						15.4			13	
6	North	2640		90-00		C				-6.8		15.2		○	12	
7																
8	South	2640		90-00		B		+13.2		+18.4	33.6			Δ		
9		1320		90-00		C						23.3			11	
10		0		-		-						28.2			10	
11		1320		90-00		C						28.1			9	
12	North	2640		90-00		C				-6.1		27.5		○	8	Iron Pipe is 5.8
13																
14	South	3960		90-00		C				+9.2	36.7			Δ		
15		2640		90-00		C						29.5			7	
16		1320		90-00		C						29.9			6	
17		0		-		-						31.3			5	
18		1320		90-00		C						30.9			4	
19		2640		90-00		C						29.7			3	
20	North	3960		89-52-40		C				+8.4	+5.4	42.1		○	2	

TI-5000

WORKED BY _____ CHECKED BY 1st _____ 2nd _____

STADIA SURVEY NOTES

AREA N.P.R.-4 STATE or PROVINCE Alaska PAGE No. 109
 LINE No.(s) 47 PARTY No. 195 DATE 23 Day 5 Mo. 75 Yr. BOOK No. _____
 SURVEYOR R. Young RODMAN Lorry WEATHER: _____ P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		AB.S. OF S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2	<u>South</u>	<u>1320</u>		<u>90-00</u>			<u>6.6</u>	<u>07</u>		<u>-5.9</u>	<u>36.2</u>		<u>Δ</u>			
3		<u>0</u>		<u>-</u>			<u>-</u>	<u>53</u>		<u>-5.3</u>		<u>30.9</u>		<u>SP-1</u>	<u>Iron Pipe 6.3</u>	
4		<u>1320</u>														
5		<u>2640</u>														
6		<u>3960</u>														
7		<u>5280</u>														
8		<u>6600</u>														
9		<u>7920</u>														
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

TI-500B

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