

STADIA SURVEY NOTES

AREA N.P.R.#4 STATE or PROVINCE ALASKA PAGE No. 113
 LINE No.(s) 36 PARTY No. 1195 DATE 7 Day MAR Mo. 1977 Yr. BOOK No. _____
 SURVEYOR P. Desjardins RODMAN Arms WEATHER: Cold 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			TRANSFER			From	18.11	3608	Elev		1079.6				
2															
3		3520		89° 06' 46"				50	-493		10255		415		
4		v		770° 57' 48"				100	-491						
5		2640		89° 20'				06			10555		414		B
6		1960		89° 30'				127			10284		413		C
7	N	880				T of					1029.2		412		D
8		0						50			10205		411		E
9	S	880		90° 40'				180			10023		410		F
10		1960		91° 00'				146			9801		409		G
11		2530		91° 13' 18"				180	-671		9584		408	-1	
12		v		268° 42' 38"				100	-671						
13															
14		1870		87° 17' 44"				50	-832		875.2				
15		v		272° 51' 39"				100	-832						
16		1760		87° 20'				27			9543		408		H
17	N	880		87° 20'				41			912.		407		I
18		0						50			870.2		406		J
19	S	4320		93° 20'				143			8097		405		
20		1760		93° 40'				123			7503		404		

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STADIA SURVEY NOTES

AREA N.P.R. #4 STATE or PROVINCE ALASKA PAGE No. 114
 LINE No.(s) 36 PARTY No. 1195 DATE 7 Day May Mo. 1977 Yr. BOOK No. _____
 SURVEYOR P. DESTORRELS RODMAN C. Rains WEATHER: Cold 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															
2		2090		93° 10'					13.4				746.3		463-3
3		2640		90° 30'					14.2				837.8		403
4		3190				B	9°						850.8	⊙	402-2
5														✓	
6		1540		88° 01' 40"					5.0	-98°	802.1			⊙	
7		1210		88° 10'					3.0				837.8		402
8	N	330		88° 30'					2.9				807.9		401
9		0							4.0				797.1		400-3
10	S	550		92° 00'					14.5	-33.7			768.4	⊙	400
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															

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STADIA SURVEY NOTES

AREA N.P. #4 STATE or PROVINCE ALASKA PAGE No. 115
 LINE No.(s) 36 PARTY No. 1195 DATE 7 Day MAR. Mo. 1977 Yr. BOOK No. _____
 SURVEYOR R. DESTARLAIS RODMAN C. RAINS WEATHER: Clear 6/16 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																
3																
4		2970	/						116	-11.8		1086.3		Δ		
5		✓		269°58'16"					100	-11.7				γ		
6		2090	/						76			1078.7			416	
7		1210				B	149					1065.3			417	
8	S	330				B	134					1071.3			418	
9		0							50			1081.3			418-2	
10	N	550		89°00'					27			1093.2			419	
11		1430		88°40'					29			1116.7			420	
12		2310		88°20'55"					140	+52.5		1138.4		⊙	421	1137.3
13		✓		271°40'08"					150	+52.3				✓		
14																
15	S	302	/						72	+7.2		1145.9		Δ		
16		✓		269°34'25"					50	+7.2				✓		
17		0							50			1140.9				TP.
18	N	580	/						52			1140.7			422	
19		1460	/						145			1131.4			423	
20																

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STADIA SURVEY NOTES

AREA N.P.R. # 4 STATE or PROVINCE ALASKA PAGE No. 116
 LINE No.(s) 36 PARTY No. 1195 DATE 7 Day MAR Mo. 1977 Yr. BOOK No. _____
 SURVEYOR P. DESJARDAIS RODMAN C. RAINES WEATHER: Fog / 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		2340	✓					82	-83			1137.2	0	424	1135.2	
3		V		269°54'18				50	-87				V			
4																
5		1760		89°35'23				100	-25		-1134.2		Δ			
6		V		270°22'12				130	-30				,			
7	S	880		89°30'				48				1137.1		425		
8		0						50				1129.2		426		
9	N	880	✓					119				1122.3		427		
10		1760	✓					92				1125.0		428		
11		2640		90°02'50'				150	-17.3			1117.2	0	429	1114.1	
12		V		289°51'24				100	-170				V			
13																
14		2640	✓					85	+84		1125.8		Δ			
15		V		269°58'41'				50	+84				V			
16		1760					B. 108					1106.1		430		
17	S	880		91°00'				129				1097.3		431		
18		0						50				1120.8		432		
19	N	880		89°10'				75				1134.0		433		
20																

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STADIA SURVEY NOTES

AREA HRR #4 STATE or PROVINCE ALASKA PAGE No. 117
 LINE No.(s) 36 PARTY No. 1195 DATE 8 Day Mar Mo. 1977 Yr. BOOK No. _____
 SURVEYOR P. DESJARDIS RODMAN B. Benedict WEATHER: Cold 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	Correction	Center Hair			INST.	ROD			
1																
2	N	1167		89°10'				72	+8.9			1134.7	0			
3		V		270°59'21				100	+9.0							
4												1130.7				Δ 3607
5												4.0	High			1130.7
6																
7	S	320		88°59'01				50	-0.7		1130.0		Δ			
8		V		271°55'22'				100	-0.7				V			
9		0						50				1125.0			433-3	
10	N	330		92°30'				142	-34.3			1095.7	0		424	
11		V		265°46'59				100	-34.3				V			
12																
13		2640		85°25'30"				50	-205.4		889.8		Δ			
14		V		274°42'24'				100	-205.9				V			
15		1760		85°30'				117				1016.1			435	
16		1880		85°30'				52				979.5			435-3	
17	S	880		85°30'				50				953.8			436	
18		0						50				884.8			437	
19	N	880		92°50'				136				832.7			438	
20		1760		91°50'				137				819.7			439	

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STADIA SURVEY NOTES

AREA N.D.R.#4 STATE or PROVINCE ALASKA PAGE No. 118
 LINE No.(s) 34 PARTY No. 1195 DATE 9 Day Mar Mo. 1977 Yr. BOOK No.
 SURVEYOR C. DESTARLAIS RODMAN B. Benedict WEATHER: Cold 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	Correction	Center Hair			INST.	ROD		
1															
2		2640		71°10'				137	-67.4			822.5	⊙	440	
3		✓		268°45'57'				100	-69.3				✓		
4															
5		1760		90°20'				137	+24.0			846.3	Δ		
6		✓		269°33'42'				100	+28.8				✓		
7	S	880						131				833.2		441	
8		0						50				841.3		442	
9	N	550		91°00'				139	-23.5			822.9	⊙	442.3	
10		✓		268°37'14				100	-23.4				✓		
11															
12		2770		88°2'30"				150	-82.0			740.3	Δ		
13		✓		271°58'49				150	-82.6				✓		
14		2640		88°20'				80				801.3		443	
15		1760					T 76					741.5		444	
16	S	880						97				730.6		445	
17		0						50				735.3		446	
18	N	830		88°40'				39				756.9		447	
19		1760		88°20'				24				783.0		448	
20															

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STADIA SURVEY NOTES

AREA N.P.R. #4 STATE or PROVINCE ALASKA PAGE No. 119
 LINE No.(s) 34 PARTY No. 1195 DATE 9 Day MAR Mo. 1977 Yr. BOOK No. _____
 SURVEYOR P. DEJARLAIS RODMAN B. Benedict WEATHER: Cold 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															
2		2640		88° 00'				20	+90.0			830.7	0	449	
3		V		772° 04' 55"				50	+90.4				✓		
4															
5	N	880		90° 40' 13"				150	+25.3		856.0		Δ		
6		V		269° 00' 30"				100	+25.3				✓		
7		0						50				857.0		450	
8	N	880				T	29		+1.5			857.3	0	451	
9		V		770° 25' 26"				50	+1.5				✓		
10															
11		2640		88° 49' 42"				50	-48.8		808.4		Δ		
12		V		271° 17' 00"				100	-48.9				✓		
13		1760		89° 00'				62				833.0		452	
14	S	880		89° 00'				47				819.2		453	
15		0						50				803.4		454	
16	N	880		91° 00'				14.4				778.8		455	
17		1760		90° 40'				13.7				774.3		456	
18		2640		90° 40'				11.9	-42.8			766.1	0	457	
19		V		269° 18' 15"				100	-42.5				✓		
20															

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STADIA SURVEY NOTES

AREA N.P.R. #4 STATE or PROVINCE ALABAMA PAGE No. 120
 LINE No.(s) 36 PARTY No. 1195 DATE 9 Day Mar Mo. 1977 Yr. BOOK No. _____
 SURVEYOR R. J. S. JARVIS RODMAN B. Benedict WEATHER: Cold 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	Correction	Center Hair			INST.	ROD			
1																
2		1870		90°26'				14'		+25'		791.0		D		
3		✓		269°32'45"				10"		+25"				✓		
4		990				B	12.8					773.3			258	
5	S	110						7.8				703.2			459	
6		0						5.0				786.0			459-1	
7		440						10.4		-10.4		786.7		D	459-3	
8		✓		269°18'02"				5.0		-10.4				✓		
9																
10		2970		89°02'41"				5.0		-44.3		736.3		D		
11		✓		271°03'43"				10.0		-44.3				✓		
12		2640		89°00'				7.1				775.2			460	
13		1760		89°20'				3.4				753.4			461	
14	S	880				T	5.2					735.0			462	
15		0						5.0				731.3			463	
16	N	880						12.6				723.7			464	
17		1760				B	13.4					714.1			465	
18		2640					14.9			-15.0		721.4		D	466	
19		✓		269°53'50"				10.0		-15.0				✓		
20																

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STADIA SURVEY NOTES

AREA N.P.R #4 STATE or PROVINCE ALASKA PAGE No. 121
 LINE No.(s) 36 PARTY No. 1185 DATE 9 Day MAR Mo. 1977 Yr. BOOK No.
 SURVEYOR R. DESARLAIS RODMAN B. Benedict WEATHER: Gold 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															
2	S	880		88°28'08"				50		-18.5		703.0		Δ	
3		V		27°51'00"				100		-18.4				V	
4		0						50				698.0			467
5	N	880		92°20'				124				654.7			468
6		1760		92°20'				140				617.2			469
7		2640		92°15'				146		-118.4		584.5		○	470
8		V		267°38'55"				100		-118.4				V	
9															
10	S	880		86°58'33'				50		-41.4		543.1		Δ	
11		V		273°21'30"				100		-41.5				V	
12		0						50				538.1			471
13	N	880		93°20'				137				478.0			472 End of 1200%
14		1210		93°50'				119		-92.8		450.3		○	472-2
15		V		266°04'59"				100		-92.8				V	
16															
17		2860		86°32'50"				50		-167.1		283.1		Δ	
18		V		273°33'27"				100		-167.2				V	
19		1430		89°20'				14				298.3			473
20		0						50				278.1			473.7

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STADIA SURVEY NOTES

AREA N.P.R #4 STATE or PROVINCE ALASKA PAGE No. 122
 LINE No.(s) 36 PARTY No. 1195 DATE 9 Day MAR Mo. 1977 Yr. BOOK No. _____
 SURVEYOR R. DeMALLAIS RODMAN B. Benedict WEATHER: Cold 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															
2	N	880		91°10'				138				2625		474	creek
3		880		88°20'				44				3043		474-3	
4		2090		92°45'29				50	+76 ^U			3598	0	475	
5		V		92°22'49'				109	+76 ^L				V		
6															
7		3190		92°22'49				130	+145 ^F		505.4		Δ		
8		V		92°34'04'				100	+145 ^L				V		
9	S	1430		92°30'				111				431.9		476	
10		0										500 ^F		476 ^F	
11	N	330		89°30'				07	+22			5074	0	477	
12		V		87°15'35				50	+22				V		
13															
14		2310					T 56			+5.8		501.4		Δ	
15		V		87°16'47'				50	-6 ⁰				V		
16	S	550		94°00'				137				449.5		478	
17		0						50				496 ^L		478-5	
18	N	1210		85°20'				07				599.3		479	
19		1320		85°20'				16	+05.8			607.4	0	479-1	
20		V		87°48'59				50	+105.8				V		

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STADIA SURVEY NOTES

AREA N.P.R. #4 STATE or PROVINCE ALASKA PAGE No. 123
 LINE No.(s) 36 PARTY No. 1195 DATE 10 Day MAR Mo. 1977 Yr. BOOK No. _____
 SURVEYOR P. Desjarlais RODMAN A. Benedict WEATHER: Gold 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	1100		93°00'				126	+70.2			677.5		Δ		
3		v		266°52'28"				100	+70'					v		
4		0						50				672.5			479-6	
5	N	550						129	-12.9			664.4		0	480	
6		v		269°42'27"				100	-12.9					v		
7																
8	S	1280		88°44'17"				50	-33.7			630.8		Δ		
9		v		271°26'01"				100	-33.8					v		
10		0						50				625.8			481	
11	N	1260		90°40'				101				600.1			482	
12		2090		90°40'				135	-32.9			593.1		0	482-2	
13		v		269°14'55"				100	-37.7					v		
14																
15		3190		87°44'03"				50	-120.9			472.0		Δ		
16		v		272°21'35"				100	-121'					v		
17		1760					B 65					450.7			483	
18		1230		92°00'				120				410.1			483-2	
19		550		92°20'				127				436.9			483-6	
20		0						50				467.0			484	

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STADIA SURVEY NOTES

AREA APR 4 STATE or PROVINCE ALASKA PAGE No. 124
 LINE No.(s) 36 PARTY No. 1195 DATE 10 Day MAR Mo. 1977 Yr. BOOK No. _____
 SURVEYOR R. DESJARDIS RODMAN B. Benedict WEATHER: Cold 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															
2		550		91°50'					14.2				440.2		484-3
3		990		91°20'					14.1	-37.2			434.8	0	484-3
4		v		268°25'	39				10.0	-37.2				v	
5															
6		3300		91°05'					14.0	+76.4		511.4		Δ	
7		v		268°50'	52'				10.0	+76.4				v	
8		2530		92°50'					9.3				376.9		485
9		5 770		93°10'					13.2				455.7		486
10		0							5.0				506.4		486-7
11	N	440		88°30'					8.8				514.1		486-6
12		990		88°40'		HD. 6°			74.1	-20.1			514.3		487
13		2200		82°20'					2.3				611.4		487-6
14		2750		86°58'	58'				5.0	+139.4			650.9	0	488
15		v		273°06'	55				10.0	+139.4				v	
16															
17	S	1210		92°02'					14.9	+57.2		708.1		Δ	
18		v		267°46'	01"				10.0	+57.2				v	
19		0							5.0				703.0		488-6
20	N	550		89°20'					1.8				712.4		489

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STADIA SURVEY NOTES

AREA N.P.R. 64 STATE or PROVINCE ALASKA PAGE No. 125
 LINE No.(s) 36 PARTY No. 1195 DATE 10 Day MAR Mo. 1977 Yr. BOOK No. _____
 SURVEYOR P. DEJARLO'S RODMAN B. Benedict WEATHER: Cold 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.		
1														
2		1100		89° 21' 23"				8°	+4.3		712.4	0	489-3	
3		✓		270° 44' 44"				10°	+4.3			✓		
4														
5	S	1100		87° 58' 32"				5°	-33.8		678.5	Δ		
6		✓		272° 17' 15"				10°	-33.9			✓		
7		0						5°			673.5		489-8	
8	N	110						14.8			663.7		490	
9		440		94° 20'				13.8			631.5		490-2	
10		880		91° 30'				12.9			642.6		490-4	
11		1870		88° 02' 55"				5°	+58.6		737.1	0	491	
12		✓		272° 06' 23"				10°	+58.6			✓		
13														
14	S	990		93° 06'				14.2	+66.0		803.1	Δ		
15		✓		266° 45' 59"				10°	+65.9			✓		
16		0						5°			798.1		491-5	
17	N	440		88° 40'				2°	+8.2		811.4	0	491-7	
18		✓		271° 14' 01"				5°	+8.3			✓		
19														
20														

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STADIA SURVEY NOTES

AREA N.D.P #4 STATE or PROVINCE ALASKA PAGE No. 126
 LINE No.(s) 36 PARTY No. 1195 DATE 10 Day MAR Mo. 1977 Yr. BOOK No. _____
 SURVEYOR C. DESTARNAIS RODMAN B. Benedict WEATHER: Cold 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	Correction	Center Hair			INST.	ROD		
1															
2		2640		90° 20'				14'	+29.6			840.9			Δ
3		✓		269° 34' 55"				10.0	+29.5						✓
4		2310		90° 30'				12.7				807.9		492	
5	S	550				B	126					825.5		493	
6		0						5.0				835.9		493-3	
7	NW	538		89° 33' 33"				5.0	-0.9			840.0			⊙
8		✓		270° 58' 47"				10.0	-0.8			840.6			✓
9												Tie 0.0		LOW	
10															
11												360A Elev	840.6		
12															
13	SW	6.25		88° 46' 48"				5.0	-0.3			832.3			Δ
14		✓		271° 46' 55"				10.0	-0.3						✓
15		0						5.0				827.3		493-6	
16	N	550		91° 30'				14.5				803.4		494	
17		1540		92° 35'				14.7	-0.2			748.3		494-5	⊙
18		✓		267° 15' 19"				10.0	-0.4						✓
19															
20															

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STADIA SURVEY NOTES

AREA N.P.R.N.4 STATE or PROVINCE ALASKA PAGE No. 127
 LINE No.(s) 36 PARTY No. 1195 DATE 10 Day Mar Mo. 1977 Yr. BOOK No. _____
 SURVEYOR R. Desjarlais RODMAN B. Benedict WEATHER: Cold 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															
2		1010		86°20'				32	-41.4			426.8			
3		✓		273°46'56"				50	-61.5						
4	S	240		86°30'				1.9				699.4		495	
5		0						50				681.8			bend
6		2520		92°55'				180	-90.4			596.6	⊙	496	
7		✓		266°58'55"				100	-90.2						
8															
9		3030		88°05'31"				50	-95.7			500.8			
10		✓		872°00'12"				100	-95.8						
11	S	1164		90°50'				129				471.0		497	Long Spread bet 496-497
12		0						50				495.8			E-068/L-036
13	E	345		91°50'				138				476.0		847	L-068 473
14	N	600		89°00'				08				510.5		498	TIE +3'
15		1150		87°51'14"				100	+13.0			513.8	⊙	498	3V 514.1
16		✓		271°56'				120	+13.0						
17				271°17'56"											
18		3520						T 93				505.3			
19		✓		270°10'				09	-8.0						
20		2310		90°30'				128	-8.6						
												472.2		499	

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STADIA SURVEY NOTES

AREA NAR #4 STATE or PROVINCE ALASKA PAGE No. 128
 LINE No.(s) 36 PARTY No. 1125 DATE 11 Day Mar Mo. 1977 Yr. BOOK No. _____
 SURVEYOR P. DESTARDAIS RODMAN B. Benedict WEATHER: Cold Clear 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		1546		91°50'				138			442'		short spread	
3	S	660		91°20'				139			476°	500		
4		0						5°			5003			
5	N	1100		91°40'				137	-45.7		459.5	501		
6		✓		268°08'10"				100	-45.7			✓		
7														
8		3520		88°25'22"				15°0	-81.4		377.5	Δ		
9		✓		271°25'22"				15°0	-82°			✓		
10	S	1760						32			374.3	502		
11		0						5°			372.5	503		
12		790		89°25'31"				10°	-0.1		377.5	503-5		
13		✓		270°45'23"				13°	-0°			✓		
14														
15		2530		89°26'14"				15°0	+5°		382.4	Δ		
16		✓		270°14'04"				15°0	+4.9			✓		
17	S	1760		91°10'				11.9			334.0	504		
18		0						5°			377.4	505		
19	N	1650		88°03'03"				10°	+46'		428.5	505-B	✓ 429.3	
20		✓		272°05'33"				14°	+46'			✓		

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STADIA SURVEY NOTES

AREA N.P.R. #4 STATE or PROVINCE: ALASKA PAGE No. 122
 LINE No.(s) 34 PARTY No. 1195 DATE 11 Day Mar Mo. 1977 Yr. BOOK No.
 SURVEYOR R. DESYARLAIS RODMAN B. Benedict WEATHER: Cold 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	Correction			Center Hair	INST.		
1														
2		880		88°54'22"				0°	-108		419.7		Δ	
3		✓		87°21'40"				10°	-108				✓	
4	S	770		88°50'				56			427.7	506		
5		0						50			412.7	506-4		
6	N	990		92°30'				122			362.3	507		
7		2750		92°02'33"				14°	-112.2		305.5	508	○	
8		✓		267°52'27"				10°	-112.2				✓	
9														
10	S	1650		92°04'04"				15°	+74.4		300'		Δ	
11		✓		267°51'46"				12°	+74.4				✓	
12		0						50			375.1	508-8		
13	N	110						27			372.4	509		
14		1870		88°30'				65			422.5	510		
15		2420		88°35'31"				90	+52.3		432.4	510-3	✓	
16		✓		271°28'40"				10°	+52.3				✓	
17														
18		1540		88°33'09"				10°	-26.2		406.2		Δ	
19		✓		271°30'09"				14°	-26.2				✓	
20	S	330		88°30'				30			411.8	511		

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STADIA SURVEY NOTES

AREA N.P. R#4 STATE or PROVINCE ALASKA PAGE No. 130
 LINE No.(s) 36 PARTY No. 1195 DATE 11 Day MAR Mo. 1977 Yr. BOOK No. _____
 SURVEYOR R. D. STARLICK RODMAN B. Benedict WEATHER: 6 to 6 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.		
1											406.2			
2		0						5.0			401.2		511-2	
3	N	1430		98° 00'				14.3			317.0		512	
4		3190		91° 15'				13.8	-83.6		322.9	⊙	513	324.1
5		✓		268° 41' 33"				10.0	-83.3			✓		
6														
7	S	1210		88° 50'				8.4	-16.2		306.7	Δ		
8		✓		271° 14' 50"				10.0	16.3			✓		
9		0											513-6	
10	N	550		94° 50'				12.9			301.7		514	
11		2310				B	135		-25.2		246.4	⊙	515	✓
12		✓		268° 39' 06"				10.0	-24.7		282.0	✓		
13														
14		2950		41° 20'				14.8	+78.9		360.5	Δ		
15		✓		268° 25' 13"				10.0	+78.5			✓		
16	S	980		92° 00'				12.5					516	
17		0						5.0			313.4		516-5	
18	N	770		89° 00'				4.5			355.5		517	
19		1540		87° 11' 22"				12.0	+9.7		369.4	⊙	517-4	
20		✓		270° 54' 32"				14.0	+10.1		370.5	✓		

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STADIA SURVEY NOTES

AREA N.P.R.#4 STATE or PROVINCE ALASKA PAGE No. 131
 LINE No.(s) 36 PARTY No. 1195 DATE 12 Day MAR Mo. 1977 Yr. BOOK No. _____
 SURVEYOR P. DUSJARLIS RODMAN B. Benedict WEATHER: Very Cold 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.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
1																
2		2420		90°46'				146	+46.4			416.4		Δ		
3		V		269°10'07"				100	+45.8					✓		
4	S	1430		93°20'				11.4				321.2			518	
5		0						5.0				411.4			518-7	
6	N	330		88°40'				3.1				420.9			519	
7		660		88°53'08"				90	+2.7			419.2	⊙		519-2	✓ 420.7
8		V		271°18'02"				120	+2.8					✓		
9																
10	S	660		85°54'26"				70	-40.1			379.0		Δ		
11		V		274°22'29"				100	-40.2					✓		
12		0										374.0			519-5	
13	N	770		95°00'				147				297.1			520	
14		1820		93°10'				12.1				293.9			520-3	
15		2530		90°52'12"				130	-52.3			327.1	⊙		521	
16		V		269°03'29"				100	-51.9					✓		
17																
18		SW 1430					T	43				324.2		Δ		
19		V		270°19'20"				5.0	-2.8					✓		
20		0						5.0	-2.9							
												319.2			521-7	

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STADIA SURVEY NOTES

AREA N.P.R. #4 STATE or PROVINCE ALASKA PAGE No. 132
 LINE No.(s) 36 PARTY No. 1195 DATE 12 Day Mar Mo. 1977 Yr. BOOK No. _____
 SURVEYOR R. Desjarlais RODMAN B. Benedict WEATHER: Very Cold 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												329.2			
2	NE	880	/					12.3					311.9	522	
3		880		91°20'				14.1	-34.4			289.4	⊙	522-3	✓ 291.3
4		✓		268°24'25"				10.0	-34.5				✓		
5															
6	SW	1210		56°28'52"				5.0	-69.2			220.3	Δ		
7		✓		273°45'46"				10.0	-69.3				✓		
8		0						5.0						523	
9	NE	990		89°20'				5.2						523-9	
10		1760		88°00'				5.9						524	
11		2750		88°00'				8.0	+87.8				⊙	524-5	
12		✓		272°02'48"				10.0	+87.9				✓		
13		770													
14	SW	770	/					13.9	+13.4			321.7	Δ		
15		✓		269°45'02"				10.0	+13.4				✓		
16		0						5.0						526	
17	NE	1210		90°45'				14.9	-30.8				⊙	525-6	✓ 292.9
18		✓		269°01'38"				10.0	-30.6				✓		
19															
20															

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STADIA SURVEY NOTES

AREA N.A.P. #4 STATE or PROVINCE ALASKA PAGE No. 123
 LINE No.(s) 36 PARTY No. 1195 DATE 12 Day MAR Mo. 1977 Yr. BOOK No. _____
 SURVEYOR P. DESTAHLAIS RODMAN A. Benedet WEATHER: Very cold 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	Correction	Center Hair			INST.	ROD		
1															
2		1540		86°20'10"				50	-93.4		197.4			Δ	
3		v		273°52'10"				100	-93.4					∇	
4		990		87°00'				47				244.5		526	
5		SW 660						58				191.0		526-2	
6		0						50				192.4		526-5	
7		NE 220		91°10'				144				178.5		526-6	
8		770						50				192.4		527	
9		2530		88°33'11"				50	+58.8			256.5	⊙	528	
10		v		274°34'30"				100	+59.1					∇	
11															
12		2530		92°12'25"				140	+111.4		368.1			Δ	
13		v		263°40'03"				100	+111.4					∇	
14		SW 770		92°40'				125				319.7		529	
15		0						50				363.1		529-4	
16		660		89°12'38"				80	+1.1			369.2	⊙	529-7	✓ 371.4
17		v		270°57'24"				100	+1.1					∇	
18															
19		2420		92°06'30"				130	+101.4		470.5			Δ	
20				272°50'30"				100	+101.4					∇	

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STADIA SURVEY NOTES

AREA N.P.R. #4 STATE or PROVINCE ALASKA PAGE No. 134
 LINE No.(s) 34 PARTY No. 1195 DATE 12 Day Mar Mo. 1977 Yr. BOOK No. _____
 SURVEYOR R. DESTARLAIS RODMAN B. Benedict 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.			
1											470.5				
2		2090		92° 20'							372.2		530		
3		1320		92° 40'							394.0		530.4?		
4	SW	330		91° 00'							449.7		531		
5		0									465.5		531-2		
6	NE	1100		89° 30'							473.5		531-6		
7		1140		89° 37' 08"					+1.4		472.1	0	T.B.M. 3601		
8		U		270° 35' 17"					+1.4		474.4	✓		474.4	
9											TC 2.3	Low			
10			TAKEOFF FROM T.B.M.					3601		Elev.	474.4				
11		1080		89° 10'					-11.4		462.7	Δ			
12	SW	770		89° 00'							471.9		532		
13		0									457.7		4 T.S.		
14	NE	980		91° 00'							433.3		8		
15		1760		91° 00'							418.4		12		
16		2140									447.7		16		
17		3520					T 8.7				471.4		20		
18		4400					T 14.2				470.1	0	24		
19															
20															

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