

STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 1
 LINE No. (s) 078-77 PARTY No. 1173 DATE 2 Day FEB Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERMILL RODMAN A. GALOIA WEATHER: CLEAR COLD P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion			Center Hair	INST.		
1														
2	S W	1760		89 14 10				15.0	-9.1	262.9	272.0	T.B.M.	078-08	
3				370 48 08				15.0				Δ	T.B.M. 078-08 = S.P. 11	
4		0						5.0	-5.0		257.9	π	S.P. 10	
5	N S	1760		88 37 40				15.0	+27.7		290.6	0	9	290.5
6				271 24 30				15.0				0		
7	S W	2310		89 37 00				15.0	-1.2	289.4		Δ		
8				270 25 20				15.0				Δ		
9		550		90 05 00				15.0	-15.8		273.6		8	
10		0						5.0	-5.0		284.4	π	81580	
11	N	1210		89 02 10				6.0	+14.7		304.1	0	7	303.8
12				271° 09 00				6.0				0	7	
13	S	1760		90 21 16				15.0	+25.3	329.4		Δ		
14				269 41 04				15.0				Δ		
15		0		90 29 40				5.0	-5.0		324.4	π	6	
16	N	1210		269 32 40				15.0	-25.0		304.4	0	57580	304.0
17				90 29 40				15.0				0		
18	S	2310		88 53 40				15.0	-31.0	273.4		Δ		
19				271 10 40				15.0				Δ		
20		1760		89 19 30				15.0	+5.7		279.1	■	5	

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 2
 LINE No.(s) 078-77 PARTY No. 1173 DATE 2 Day FEB Mo. 1977 Yr. BOOK No. _____
 SURVEYOR T. SHERRILL RODMAN A. GARCIA WEATHER: CLEAR COLD P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD		
1												273.4			
2	S	1430	90	39	20			15.0		-31.4		242.0		S.P. 6 +1430	
3		0	✓					5.0		-5.0		268.4	X	4	
4	N	1760	89	12	50			15.0		+9.1		282.5		3	
5		2530	89	18	50			15.0		+16.0		289.4	0	2 + 990	288.8
6		✓	270	43	00			15.0					0		
7	S	2750	89	45	00			15.0		+2.1	291.5		L		
8		✓	270	17	10			15.0					L		
9		1760	91	05	50			15.0		-48.5		243.0	X	2	
10		0	✓					5.0		-5.0		286.5	X	1	
11	SW	260	✓					4.3		-4.4		287.1	0	2809	286.4 + 0.7
12	SW	260	90	39	30			4.5				286.4	0	BARR SURVEY	MISFILE
13		260	SW					4.3		+4.4	290.8		Δ		
14	SW	260						4.5					Δ		
15	WNW	1760	90	39	30			15.0		-35.2		255.6		T.S. 1	
16		3520	91	01	20			21.0	17.	-83.8		207.0	0	T.S. 2	
17	SSE	4950	90	29	20			21.0	17.	+63.2	270.2		Δ		
18		3190	90	38	50			15.0		-51.0		219.2		3	
19		1430	✓					10.8		-10.8		259.4		4	
20		0	✓					5.0		-5.0		265.2	X	4 + 1430	

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 3
 LINE No. (s) 078-77 PARTY No. 1173 DATE 2 Day FEB Mo. 1927 Yr. BOOK No. _____
 SURVEYOR T. SHEPHERD RODMAN A. GARCIA WEATHER: CLEAR - COLD P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												270.2				
2	N.W.	330	✓					11.8		-11.8		258.4		T.S. 5		
3		2090		90° 45' 00"				15.0		-42.4		227.8	0	T.S. 6		
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
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STADIA SURVEY NOTES

AREA N.P.R.-4 STATE or PROVINCE ALASKA PAGE No. 4
 LINE No.(s) 078-77 PARTY No. 1173 DATE 3 Day FEB Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERNICK RODMAN A. GAROVA WEATHER: Hazy - Cold P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		B.S. OF.S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion			Center Hair	INST.			
1			NORTH	FROM	T.B.M.	078		07			342.2		T.B.M.	078-07	
2	W	345	89	26	30					-2.5	339.7		Δ	T.B.M. 078-07	
3			270	45	20								Δ		
4		0	✓							-5.0		334.7	π		
5	E	10	✓							-4.3		335.4	⊙	S.A. 24	
6	N	1760	89	17	50					17.2		346.9	⊙	S.P. 23 346.8	
7		✓	270	44	25								⊙		
8	S	2310	91	02	10					+56.0	402.9		Δ		
9		✓	268° 00' 00"										Δ		
10		1320	91	57	20					-50.1			Δ		
11		550	90	50	30					-23.1		379.8	Δ	22+ 770 342.9	
12		0	✓							-5.0		397.9	π	21+ 1210	
13	N	1210	89	54	15					-3.6		399.3	⊙	21 398.9	
14			270	08	00								⊙		
15	S	1760	88	44	35					-24.1	375.2		Δ		
16		✓	271	17	25								Δ		
17	N	1760	✓	90	30	70				-5.0		370.2	π	20	
18		1760	269	23	40					-24.1		341.1	⊙	340.5	
19		✓	90	38	10								⊙		
20															

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 5
 LINE No.(s) 078-77 PARTY No. 1173 DATE 3 Day FEB Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERKILL RODMAN A. GARCIA WEATHER: CLOUDY - COLD P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												341.1				
2	S	1760		91 02 35				15.0		+46.5	387.6		Δ	S.P. 19		
3		✓		268 59 40				15.0					Δ			
4		0	✓	91 02 35				5.0		-5.0		382.6	π	18		
5	N	1769		89 55 10				15.0		-11.8		375.8	○	17		375.0
6		✓		270 07 30				15.0					○			
7	S	1760		89 45 00				15.0		-8.7	367.1		Δ			
8		✓		270 47 40				15.0					Δ			
9		0	✓	1				5.0		-5.0		362.1	π	16		
10	N	1760		90 09 10				6.0		-10.2		356.9	○	15		355.9
11		✓		269 52 40				6.0					○			
12	S	1210		88 44 45				15.0		-11.9	345.0		Δ			
13		✓		271 17 25				15.0					Δ			
14		0	✓					5.0		-5.0		340.0	π	14 + 550		
15	N	550		91 01 50				15.0		-24.9		320.1		14		
16		2310		91 59 10				15.0		-94.3		250.7	○	13		249.4
17		✓		268 03 10				15.0					○			
18	S	2310		90 04 50				15.0		+17.6	268.3		Δ			
19		✓		269 57 00				15.0					Δ			
20		1540		91 35 50				15.0		-57.9		210.4		12 + 990		

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 6
 LINE No.(s) 078-77 PARTY No. 1173 DATE 3 Day FEB Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERRILL RODMAN A. GARCIA WEATHER: PARTY CLOUDY. WIND P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion			Center Hair	INST.		
1											2683			
2	S	550		90	52 50			1510	-23.5		245.0		S.P. 12	
3		0	✓					5.0	-5.0		263.3	π	11 + 1210	
4	N	1210		89°	28' 00" (89° 29' 00")			6.07	+5.7		277.5	0	11 = T.B.M. 078-08	
5		✓		270°	32 50			(6.0)				0		
6											272.0		BARR SURVEY 272.0	
7														
8											+ 1.5		MISFILE	
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 7
 LINE No.(s) 078-77 PARTY No. 1173 DATE 5 Day FEB Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERWILL RODMAN A. GARCIA 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.		
1														
2	V	345		89° 16' 30"				2.0	-2.5	339.7		Δ	T.B.M. 078-07	
3				270 45 20				2.0				Δ		
4		0						5.0	-5.0	334.7		π		
5	E	10						4.4	-4.3	335.4		○	S.P. 24 335.3	
6								4.2				○		
7	N	2530		89 03 10				15.0	-27.6	307.8		Δ		
8				270 59 00				15.0				Δ		
9		770		90° 45' 00"				15.0	-25.1	282.7		π	25	
10		0						5.0	-5.0	302.8		π	25+ 770	
11	S	660		94 03 45				15.0	-61.8	246.0		π	25+ 1430	
12		990		93 29 40				15.0	-75.3	232.5		○	26 232.5	
13				266 30 40				15.0				○		
14		770						2.6	+2.3			Δ		
15								2.0				Δ		
16		440		91 4 15				15.0				π	26+ 330	
17		0						5.0	-5.0			π	26+ 770	
18	N	1650		92 55 05				15.0	+98.5	331.0		Δ	26	
19				267 06 55				15.0				Δ		
20		1320		85 50 26				15.0	-149.5	181.5		π	26+ 1430 330	

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 8
 LINE No.(s) 078 77 PARTY No. 1173 DATE 7 Day FEB Mo. 77 Yr. BOOK No.
 SURVEYOR T. SHERMILL RODMAN A. GARCIA WEATHER: CLEAR P.T.S. No.

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion			Center Hair	INST.		
1										331.0				
2		0	✓					5.0	-5.0	326.0	π	27 + 110		
3	S	110		81	23	40		13.0	+3.5	334.5		27		
4		490		86	33	20		4.5	+22.7	353.7	⊙	27 + 330		
5		✓		273	58	30		4.5			⊙	355.1	353.7	
6	N	880		90	20	30		15.0	+20.0	373.7	Δ			
7		880		269	41	20		15.0			Δ			
8		0	✓					5.0	-5.0	368.7	π	27 + 1210		
9	S	550		90	37	60		15.0	-20.9	352.8	⊙	28	354.2	352.5
10		✓		269	23	40		15.0			⊙			
11	N	990		93	09	20		15.0	+69.2	422.0	Δ			
12		✓		266	52	50		15.0			Δ			
13		0	✓					5.0	-5.0	417.0	π	28 + 790		
14	S	770		88	28	10		10.0	+10.7	432.7	⊙	29	434.2	432.1
15		✓		271	33	20		10.0			⊙			
16	N	1760		90	20	00		6.0	+15.8	448.5	Δ			
17		✓		269	41	40		6.0			Δ			
18		0	✓					5.0	-5.0	443.5	π	30		
19	S	990		88	20	30		10.0	+18.9	467.4	⊙	30 + 990		
20				271	41	30		10.0			⊙		469.0	466.2

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 9
 LINE No.(s) 078-77 PARTY No. 1173 DATE 7 Day FEB Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERWILL RODMAN A. GARCIA WEATHER: CLEAR P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion			Center Hair	INST.		
1											467.4			
2	N	770	✓					9.6	+9.0	476.4		Δ	30 + 990	
3			✓					8.5				Δ		
4		0	✓					5.0	-5.0	471.4		π	31	
5	S	1760		89 34 50				15.0	-1.6	474.8		0	32 476.3 472.9	
6			✓	2 70 27 00				15.0				0		
7	N	1760		89 48 00				6.0	-0.4	474.4		Δ		
8			✓	2 70 13 00				6.0				Δ		
9	S	1760		89 00 30				6.0	+25.0	499.4		0	34 500.9 496.7	
10			✓	2 71 01 30				6.0				0		
11		0	✓					5.0	-5.0	469.4		π	33	
12	N	1210		89 54 00				10.0	+7.6	507.0		Δ	34	
13			✓	2 70 07 50				10.0				Δ		
14		0	✓					5.0	-5.0	502.0		π	34 + 1210	
15	S	550		90° 24 10				15.0	-18.9	488.1			35	
16	(1930)	2930		91 06 30				15.0	-51.8	455.2		0	35 - T.B.M. 078-06	
17			✓	2 68 55 20				15.0				0	(S.P. 35 + 1382)	
18	N									451.7		0	BARR SURVEY 456.6	
19													451.7 ✓	
20										+3.5			MISSTIE + 4.9	

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 10
 LINE No.(s) 078-77 PARTY No. 1173 DATE 7 Day FEB Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERRILL RODMAN A. GARCIA WEATHER: CLOUDY P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion			Center Hair	INST.		
1														
2	N	2140		89 21 40				15.0	-9.4	442.3	451.7		T.B.M. - 078-06	
3		✓		270 40 10				15.0					Δ	
4		1760		89 18 00				15.0	+6.5		448.8		36	
5		550		91 07 00				15.0	-25.7		416.6		36 + 1210	
6		0	✓					5.0	-5.0		437.3		37	
7	S	770		88 10 30				15.0	+9.7		452.0		37 + 770	
8		✓		271 51 10				15.0					0	
9	N	2200		90 13 00				15.0	+22.8	474.8			Δ	
10		✓		269 48 40				15.0					Δ	
11		1210		92 25 30				15.0	-66.2		408.6		38	
12		0	✓					5.0	+5.0		469.8		38 + 1210	
13	S	550		88 44 20				5.0	+7.1		481.9		39	
14		880		88 52 00				11.0	+6.6		481.4		39 + 330	481.2
15		✓		271 09 50				11.0					0	
16	N	880		87 58 00				8.0	-23.5	457.9			Δ	
17		✓		272 04 00				8.0					Δ	
18		0	✓					5.0	-5.0		452.9		39 + 1210	
19	S	220		92 36 30 (92 36 30)				10.0	-20.0		437.9		39 + 1430	437.7
20		✓		267 25 00				10.0					0	

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 11
 LINE No.(s) 078-77 PARTY No. 1173 DATE 7 Day FEB Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SWERRILL RODMAN A. GARCIA WEATHER: CLOUDY 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											437.9				
2	N	1760		87	51 00			6.0	-60.6	377.3		Δ	39+1430		
3				272	11 20			6.0				Δ			
4		1430		87	43 30			12.0	+44.8		422.1		40		
5								5.0	-5.0		372.3		40+1430		
6	S	330		91°	50' 00"			13.0	-23.6		353.7		41		
7		880		91°	10' 00"			15.0	-32.9		344.4		41+550		
8		2090		90	54 20			15.0	-47.5		329.8	○	42	329.5	
9				269	07 20			15.0				○			
10	N	1760		90	12 30			15.0	+21.0	350.8		Δ			
11				269	49 00			15.0				Δ			
12		770		92	35 40			15.0	-49.9		300.9		42+990		
13		0						5.0	-5.0		345.8		43		
14	S	1760		80	17 20			15.0	+72		358.0	○	43 44	357.6	
15				270	44 00			15.0				○			
16	N	2310		91	55 30			15.0	+91.9	449.9		Δ			
17				268	06 30			15.0				Δ			
18		1540		93	01 20			15.0	-96.2		353.7		44+770		
19		550		93	25 10			15.0	-47.8		402.1		45		
20								5.0	-5.0		444.9		45+550		

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AREA N.P.R.-4 STATE or PROVINCE ALASKA PAGE No. 12
 LINE No.(s) 078-77 PARTY No. 1173 DATE 8 Day FEB Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERRILL RODMAN A. GARCIA WEATHER: SNOW FLURRIES - WHITE-OUT 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										449.9					
2	S	1210		87 37 40			10.0		+40.4	490.3	0	46	489.7		
3		✓		272 24 10			10.0				0				
4	N	1760		89 53 20			15.0		+11.3	501.6	Δ				
5		✓		270 07 40			15.0				Δ				
6		0	✓				5.0		-5.0	496.6	π	47			
7	S	1760		90 38 20			15.0		-34.3	467.3	0	48	466.6		
8		✓		269 23 00			15.0				0				
9	N	1760		90 38 00			15.0		+34.0	501.3	Δ				
10		✓		269 23 40			15.0				Δ				
11		330		90° 55' 00'			15.0		-20.3	481.0		48+1430			
12		0	✓				5.0		-5.0	496.3	π	49			
13	S	1210		88 52 45			15.0		+8.9	510.2	0	49+1210	509.4		
14		✓		271 08 40			15.0				0				
15	N	1100		89 40 00			2.0		-4.7	505.5	Δ				
16		✓		270 22 00			2.0				Δ				
17		550		90 32 30			10.0		-15.2	490.3		50			
18		0	✓				5.0		-5.0	500.5	π	50+550			
19	S	1210		88 20 30			2.0		+33.3	538.8	0	51	538.0		
20		✓		271 41 20			2.0				0				

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 13
 LINE No.(s) 078-77 PARTY No. 1173 DATE 8 Day FED Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERRILL RODMAN A. GARCIA WEATHER: SNOW FLURKIE - WHITEOUT 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												538.8			
2	N	550		91° 45' 00"				15.0		+31.7	570.5		Δ	S.P. 51	
3		✓		268° 16' 30"				15.0					Δ		
4		0	✓					5.0		-5.0		465.5	π	51+550	
5	S	1210	✓					6.7		-6.7		563.8		52	
6		1635		89° 38' 40"				6.0		+4.5		575.0	○	52+425 TBM-078-05	
7		✓		270° 23' 10"				6.0					○		
8	NE											574.1		BACK SIGHT 574.1	
9															
10												70.9		MISTIE	
11															
12												574.1		TBM-078-05	
13	W	1335		84° 53' 30"				15.0		-104.3	469.8		Δ	S.P. 52+425	
14		✓		275° 08' 20"				15.0					Δ		
15		0	✓					5.0		-5.0		464.8	π	53	
16	S	330	✓					11.6		-11.3		458.5	○	53+330	
17		✓						11.0					○		
18	N	1980		92° 09' 10"				15.0		+89.0	547.5		Δ		
19		✓		267° 52' 10"				15.0					Δ		
20		550		92° 37' 00"				15.0		-40.1		507.4	π	54	

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE _____ PAGE No. 14
 LINE No.(s) 078-77 PARTY No. 1173 DATE 8 Day FEB Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERRILL RODMAN A. GARCIA WEATHER: SNOW FLURRIES - WHITE OUT 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												547.5				
2		0	✓						5.0	-5.0		542.5	π	54+550		
3	S	860		88	46	05			15.0	-0.6		546.9	0	54+1210		
4		✓		271	15	50			15.0				0			
5	N	1760		86	31	00			6.0	-101.4	445.5		Δ			
6		✓		273	30	30			6.0				Δ			
7		1210		87	10	00			6.0	+53.8		499.3		55		
8		0	✓						5.0	-5.0		540.5	π	55+1210		
9	S	550		87	10	00			2.0	+25.2		470.7		56		
10	(1540)	1540		85	54	50			6.0	+103.3		548.0	0	56+ 110 990		
11		✓		274	05	00			6.0				0			
12	N	524	✓						6.5	+5.4	554.2		Δ			
13		✓	✓						5.3				Δ			
14		0	✓						5.0	-5.0		549.2	π	56+1514 = TBM 078-04		
15												549.4		BARR SURVEY		
16																
17												-0.2		MISTIE		
18																
19																
20																

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 15
 LINE No.(s) 078-77 PARTY No. 1173 DATE 8 Day FEB Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERILL RODMAN A. GARCIA WEATHER: Snow PLUMS 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											540.4			
2	N	1456		86 56 00			15.0		-63.3	486.1		Δ	56+1514 = TRM 078-04	
3		✓		273 05 40			15.0					Δ		
4		1210		87 12 00			3.0		-55.1		431.0		57 542.3	
5		0	✓				5.0		-5.0		481.1	π	57+1210	
6	S	550		93° 11 30			15.0		-45.6		440.5		58	
7		1100		94° 20 00			15.0		-98.2		387.9	●	58+550	
8		2310		91 31 00			15.0		-75.6		470.5	○	59 410.0	
9		✓		268 30 40			15.0					○		
10	N	1210		91 18 00			15.0		+42.6	453.1		Δ		
11		✓		268 42 10			15.0					Δ		
12		0	✓				5.0		-5.0		448.1	π	59+1210	
13	S	550		90 21 00			15.0		-18.4		434.7		60	
14		1200		89 17 30			6.0		+19.0		472.1	○	60+1430 471.2	
15		✓		270 44 20			6.0					○		
16	N	1320		90 18 00			15.0		+16.9	489.0		Δ	494.0	
17		✓		269 43 00			15.0					Δ		
18		990		91° 00' 10"			10.0		-27.3		461.7		61 466.7	
19		660		91° 53 40			15.0		-36.8		452.2	π	61+330	
20		0	✓				5.0		-5.0		484.0	π	61+990	

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 16
 LINE No.(s) 078-77 PARTY No. 1173 DATE 8 Day FEB Mo. 77 Yr. BOOK No.
 SURVEYOR T. SHERKILL RODMAN A. GARCIA WEATHER: SNOW FLURRIES - WINDY - OUT 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												489.2			
2	S	770	✓					5.0		-5.0		484.2		S.P. 62 489.4	
3		1980		87° 48' 00"				10.0		+66.6		550.8	0	62+1210	
4		✓		272° 14' 00"				10.0					0	560.6	559.2
5	N	2420		91° 11' 00"				15.0		+64.3	679.9		Δ		
6		✓		268° 51' 00"				15.0					Δ		
7		1870		91° 15' 30"				15.0		-56.1		563.8		63	
8		110	✓					97		-9.7		610.2		64	
9		0	✓					5.0		-5.0		614.9	π	64+110	
10	S	1100		90° 15' 30"				10.0		-14.7		605.2	0	64+1210	608.3
11		✓		269° 46' 10"				10.0					0	610.2	
12	N	2310		90° 28' 00"				15.0		+33.3	638.5		Δ		
13		✓		269° 33' 40"				15.0					Δ		
14		1760		90° 23' 10"				15.0		-26.9		611.6		65	
15		0	✓					5.0		-5.0		633.5	π	66	
16	E	930		90° 15' 20"				15.0		-18.9		619.6	0	TBM-078-03 624.7	
17				269° 46' 40"				15.0					0	622.4	622.4 ✓
18												622.4	Δ	BARK SURVEY	
19															+ 2.3
20															718

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AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 17
 LINE No. (s) 078-77 PARTY No. 1173 DATE 9 Day FEB Mo. 77 Yr. BOOK No.
 SURVEYOR T. SHERMILL RODMAN A. GARCIA WEATHER: CLOUDY - 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.		
1											622.4			
2	E	930		90 15 20			15.0		+18.9	641.3		Δ	TRM-078-03	
3		✓		269 46 40			15.0					Δ		
4		0	✓				5.0		-5.0		636.3	π	66	
5	S	1769		89 43 40			15.0		-6.1		635.2	0	67	
6		✓		270 18 20			15.0					0		
7	N	1769	✓				12.8		+12.2	647.4		Δ		
8		✓					11.6					Δ		
9		0	✓				5.0		-5.0		642.4	π	68	
10	S	1760	✓				12.0		-11.4		636.0	0	69	
11		✓	✓				10.8					0		
12	N	1760		92 07 50			15.0		+80.0	716.0		Δ		
13		✓		267 54 00			15.0					Δ		
14		0	✓				5.0		-5.0		711.0	π	70	
15	S	1760		88 24 25			8.0		+41.4		757.4	0	71 757.3	
16		✓		271 37 25			8.0					0		
17	N	3190		88° 50' 50			2.0		-62.0	692.4		Δ		
18		✓		271 11 00			2.0					Δ		
19		1430		90 03 50			15.0		-16.6		628.8		72 677.8	
20		880		91 07 40			15.0		-32.3		663.5		72 + 550 662.1	

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AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 18
 LINE No.(s) 078-77 PARTY No. 1123 DATE 9 Day FEB Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERRILL RODMAN A. GARCIA WEATHER: CLOUDY - HAZY P.T.S. No. _____

LINE	Bearing of Sight	Stadio Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.S. OF S. S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												693.4				
2		0	✓						5.0	-5.0		690.4	π	72+1430	689.4	
3	s	330	✓						3.4	-3.4		692.0		73	691.1	
4		840	✓				T	6.2	+4.2		-2.0	693.4	4L	INT 078/071	692.9	
5		2090		89 09 00					10.0	+21.3		714.7	⊙	74	713.7	
6		✓		270 51 50					10.0				⊙			= SOUTH END
7																OR LINE
8																NO TAIL
9																SPREAD
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

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