

**STADIA SURVEY NOTES**

AREA N.P.R. - 4 STATE or PROVINCE ALABAMA PAGE No. 1  
 LINE No.(s) 080-77 PARTY No. 1173 DATE 16 Day MAR Mo. 77 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR T. SHERILL RODMAN A. GARRIA WEATHER: MOIST SWOL P.T.S. No. \_\_\_\_\_

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		ABS. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2																
3	S	2282	✓													
4		✓	✓													
5		1760	✓													
6		0	✓													
7	N	1760		90 28 30												
8		2970	✓													
9		✓	✓													
10	S	2300		88 04 40												
11		0	✓	271 56 20												
12		1700		88 06 40												
13		0	✓													
14	N	1760	✓													
15		2970	✓													
16		✓	✓													
17	S	2310		89 35 40												
18		✓		270 25 40												
19		1760	✓													
20		0	✓													

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### STADIA SURVEY NOTES

AREA N.A.R. - 4 STATE or PROVINCE ALASKA PAGE No. 7  
 LINE No.(s) 080-77 PARTY No. 1123 DATE 16 Day MAR Mo. 77 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR T. SHERIDAN RODMAN A. GARCIA WEATHER: MOVING 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												336.0				
2	NE	990	✓						14.7	-14.5		321.5	0	10 + 770		
3			✓						14.3				0			
4	SW	2530	✓			B	3.7	+12.7		+15.8		337.3	Δ			
5			✓			B	2.5	+12.7					Δ			
6		1760	✓			B	12.6	-8.8		-21.4		315.9		10		
7		0	✓						5.0	-5.0		332.3	π	9		
8	NE	1760	✓						4.4	-4.4		332.9		8		
9		2270	✓						7.4	-7.0		330.3	0	7 + 550		
10			✓						6.4				0			
11	SW	2310	✓			T	7.8	-11.6		-4.2		326.1	Δ			
12			✓			T	6.8	-11.6					Δ			
13		1760	✓			T	10.0	+8.8		-1.2		324.9		7		
14		0	✓						5.0	-5.0		321.1	π	6		
15	NE	1760		90 00 10					15.0	-14.7		311.4	0	5		
16				270 01 30					15.0				0			
17	SW	2310		90 23 30					15.0	+30.0		341.4	Δ			
18				269 32 00					15.0				Δ			
19		550	✓						11.7	-11.1		330.3		4		
20		0	✓						5.0	-5.0		336.4	π	3 + 1210		

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### STADIA SURVEY NOTES

AREA N.P.R. 4 STATE or PROVINCE ALASKA PAGE No. 3  
 LINE No.(s) 080-77 PARTY No. 1173 DATE 16 Day MAY Mo. 77 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR T. STEPHEN RODMAN A. GALLIA WEATHER: Blowing 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.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion			Center Hair	INST.			
1															
2	NE	1210.	✓					144	-14.4		341.4		3		
3		2970	✓				B 6.4	-14.9	-21.3		327.0		2		
4		8730		90 18 40				15.0	-40.7		320.1		1		
5		5160		90 09 00				15.0	-27.2		300.7	●			
6		✓		268 52 30				15.0			314.2	○		T.S. 1 + 1430	
7	SW	4250		89 40 50				15.0	-13.6		300.6	○			
8		✓		270 20 30				15.0				Δ			
9		3520		89 39 00				15.0	+6.5				1		
10		1760	✓				T 4.8	+8.8	+4.0		307.1		2		
11		0	✓					5.0	-5.0		304.6		3		
12	NE	1760	✓					11.2	-11.2		295.6	π	4		
13		3520		90 08 20				15.0	-23.5		289.4		5	NORTH END	
14		5280	✓					12.2	-12.2		277.1		6	OF LINE	
15															
16															
17															
18															
19															
20															

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### STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 4  
 LINE No. (s) 080-77 PARTY No. 1173 DATE 14 Day MAR Mo. 77 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR T. SHERMILL 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					SOUTH									
2	N	2998		89 36 10				080-10			461.3		TBM 080-10	
3		✓		270 25 30				100	-11.5	449.8			Δ = S.P. 18 + 522	
4		1760	✓				T	48	+8.8		453.8	19		
5		0	✓					5.0	-5.0		444.8	20		
6	S	1760	✓				B	14.0	-8.8		427.0	21		
7		3520		90 28 40				150			406.0	22		
8		✓		269 37 30				150						
9	N	3520	✓					11.4	+10.7	416.7				
10		✓						10.0						
11		1760		91° 27' 00"				21.0	-65.5		351.2	23		
12		0	✓					5.0	-5.0		411.7	24		
13	S	1505		89 00 30 (89 00 30)				9.0	+17.4		434.1		○ 080-09 = S.P. 24 + 1505	
14		✓		270 01 00				9.0					○ 081-08 = S.P. 16 + 813	
15														
16											433.9		BARCEL SURVEY	
17														
18											+0.2		MISTLE	
19														
20														

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### STADIA SURVEY NOTES

AREA N.P.L.-4 STATE or PROVINCE ALASKA PAGE No. 5  
 LINE No.(s) 080-77 PARTY No. 1173 DATE 14 Day MAR 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		ABS. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												433.9				TBY 080-09 + 081-08
2	N	2015		89 29 00				3.0		-15.6	418.3					Δ = S.P. 24+1505 - L-080
3		✓		270 32 20				3.0								Δ = S.P. 14+813 - L-081
4		1760		89 28 30				3.0		+13.1		431.4		25		
5		0	✓					5.0		-5.0		413.3		π	26	
6	S W	1760		90 54 50				15.0		-43.1		375.2			27	
7		3520		90 22 50				15.0		-32.8		380.5		0	28	
8		✓		269 38 20				15.0						0		
9	N S	330		93 49 45				15.0		+36.4	416.9			Δ		
10		✓		266 18 00				15.0						Δ		
11		0	✓					5.0		-5.0		411.9		π	28+30	
12	S W	880		89 33 10				6.0		+1.3		418.2		0		
13		✓		270 29 30				6.0						0		
14	N S	2310	✓				T	13.3	-11.6		+1.2	419.4		Δ		
15		✓	✓				T	12.3	-11.6					Δ		
16		1760	✓					12.6		-12.6		406.8			29	
17		990	✓	92 14 10				15.0		-53.6		365.8			29+770	
18		0	✓					5.0		-5.0		414.4		π	30	
19	S W	1760		89 02 00				3.0		+26.7		446.1			31	
20																

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### STADIA SURVEY NOTES

AREA N.P.C. - 4 STATE or PROVINCE ALASKA PAGE No. 6  
 LINE No.(s) 080-77 PARTY No. 1173 DATE 14 Day MON Mo. 77 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR T. SHEKILL 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		ABS. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												419.0				
2	S N	2750		89 02 50				30		+43.3		462.7	0	31+990		
3		✓		270 58 30				3.0					0			
4	N	770	✓					94		+93	4720		Δ			
5		✓	✓					92					Δ			
6		0	✓					5.0		-5.0		467.0	π	32		
7	S	595	✓					23		-73		464.7	0	32+595 - 080-08		
8		✓	✓					7.2					0			
9												464.2		BARK SURVEY		
10																
11												+0.5		MISSTIE		
12																
13												464.2		TRM 080-08		
14	N	3695		89 28 10				2.0		-32.9	431.3		Δ	S.A. 32+595		
15		✓		270 33 10				2.0					Δ			
16		2530		89 43 40				2.0		+10.0		441.3		33		
17		770		92 36 20				15.0		-50.0		381.3		34		
18		0	✓					5.0		-5.0		426.3	π	34+770		
19	S	990		88 53 00				2.0		+35.9		447.2		35		
20																

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### STADIA SURVEY NOTES

AREA N.P.M. - 4 STATE or PROVINCE ALASKA PAGE No. 7  
 LINE No.(s) 080-77 PARTY No. 1173 DATE 14 Day WED Mo. 77 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR T. SHARIN RODMAN A. GARCIA WEATHER: PARTLY CLDY 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										431.3				
2	S	1980		88 51 00				100	+30.1	461.4	0	35+ 990	461.2	
3		✓		271 10 20				100			0			
4	N	2530		90 28 50				150	+35.9	497.3	Δ			
5		✓		269 32 10				150			Δ			
6		1760		91 00 40				150	-46.1	451.2	π	36		
7		990		91 26 20				150	-39.9	457.4	π	36 + 770		
8		0	✓					5.0	-5.0	422.3	π	37		
9	S	1760	✓				B	102	-8.8	478.7	0	38	478.4	
10		✓	✓				B	94	-8.8		0			
11	N	1650		88 17 20				150	-34.6	444.1	Δ			
12		✓		271 44 10				150			Δ			
13		0	✓					5.0	-5.0	439.1	π	38 + 1650		
14	S	118	✓					101	-10.1	434.0	π	39		
15		1320		93 22 20				150	-92.7	351.4	π	39 + 1220		
16		1870		91 14 50				150	-55.7	388.4	π	40		
17		3080		91 25 00				150	-91.2	352.9	π	40 + 1120		
18		3630		90 46 50				150	-63.7	380.4	0	41	379.9	
19		✓		269 14 40				150			0			
20														

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### STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 8  
 LINE No.(s) 080-77 PARTY No. 1173 DATE 14 Day MAR 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		▲B.S. OF.S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction			Center Hair	INST.			
1															
2	N	1210		91 58 30				15.0	+56.5	434.9	380.4	Δ	41		
3		✓		268 02 50				15.0				Δ			
4		0						5.0	-5.0		431.9	π	41+1210		
5	S	550		88 40 00				2.0	+10.8		447.7		42		
6		1618		88 27 50				3.0	+40.7		477.3	⊙	080.07 = SP. 42 + 1068		
7		✓		271 33 40				3.0				⊙	071.09 = SP. 123 + 1187		
8											476.7		BARR SURVEY 476.7		
9															
10											+0.6		MISTIE		
11															
12											476.7		TBM 080.07 & 071.09		
13	N	1782		89 13 10				15.0	-23.4	453.3		Δ	SP. 92 + 1068 - 080		
14		✓		270 48 00				15.0				Δ	SP. 123 + 1187 - 071		
15		2090		89 21 10				2.0	+21.6		474.9		43		
16		330		97 02 40				15.0	-55.5		397.8		44		
17		0						5.0	-5.0		448.3	π	44 + 330		
18	S	880		86 20 40				9.0	+47.4		500.7	⊙	44 + 1210		
19		✓		273 41 10				9.0				⊙			
20															

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### STADIA SURVEY NOTES

AREA N.P.A.-4 STATE or PROVINCE ALASKA PAGE No. 9  
 LINE No.(s) 080-77 PARTY No. 1173 DATE 19 Day MAY Mo. 77 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR T. SHERKILL RODMAN A. GALLIA WEATHER: CLEAR - WLD 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	2310		92 28 10					15.0		+116.1	618.8	500.7	Δ	44+1210
3		✓		267 33 10					15.0					Δ	
4		1760		92 26 50					15.0						
5		0	✓						5.0		-90.2	524.6		π	45
6	S	990		88 00 30					3.0		+5.0	609.8		π	46
7		1760		87 02 25					3.0		+31.4	646.2			46 + 990
8		2310		86 56 20					3.0		+87.9	702.7			47
9		✓		273 04 50					5.0		+118.8	739.6		○	47 + 550
10	N	660		90 22 00					5.0					○	
11		✓		262 38 50					15.0		+19.1	752.7		Δ	
12		0	✓						5.0					Δ	
13	S	550		90 43 50					5.0		-5.0	747.7		π	47 + 1210
14		✓		262 17 40					15.0		-21.9	730.8		○	48
15	N	2090		88 11 10					3.0					○	
16		✓		271 50 10					3.0		-63.6	667.2		Δ	
17		660	✓						3.0					Δ	
18		330	✓								-15.7	651.5			48 + 1430
19		0	✓						13.0		-13.0	654.2			49
20		1430	✓						5.0		-5.0	662.2		π	49 + 330
									10.4		-10.4	656.8			50

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### STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 10  
 LINE No.(s) 080-77 PARTY No. 1173 DATE 19 Day MM Mo. 77 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR T. SHERRILL RODMAN A. GARCIA WEATHER: CLEAR - RISING WIND P.T.S. No. \_\_\_\_\_

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		ABS. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												607.2				
2	S	1437	✓								-9.1	658.1	0		080-06 = S.A. 50+7'	
3			✓										0			
4												658.1			ROAD SURVEY	
5																
6												+0.0			MISTIE	
7																
8												658.1			TBM 080-06	
9	N	2963		89	05	15					-44.8	613.3			Δ = S.A. 50+7'	
10			✓	270	56	10									Δ	
11		1210		91	52	50					-33.6				51 558.7	
12		0	✓								-5.0				51+	
13	S	550	✓								-12.5	600.8			52	
14		2310		90	27	20					-33.0	580.3	0		53 580.8	
15			✓	269	33	40							0			
16	N	2090		90	43	20					+4.0	621.3			1760'S	
17			✓	269	17	40									↑	
18		330	✓								-8.0	613.3			54	
19		0	✓								-5.0	616.3	π		54+330 ↓	
20	S	580	✓								-10.8	610.5			55 880'S	

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### STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 11  
 LINE No.(s) 080-77 PARTY No. 1173 DATE 19 Day MAR Mo. 77 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR T. SHERWILL RODMAN A. GARCIA WEATHER: CLEAR - WINDY - COOL 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.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion			Center Hair	INST.			
1											621.3				
2	S	1430		90 29 20				150	-27.2		594.1		56		
3		2310		90 38 10				150	-40.1		581.2	0	57	582.2	
4	✓			269 23 20				150				0			
5	N	2640		90 10 00				150	+22.1	603.3		Δ			
6	✓			269 51 25				150				Δ			
7		1760	✓				8	12.8	-8.8		581.7		58		
8		880		90 46 20				150	-25.9		<del>577.4</del>		59	576.6	
9	0		✓					50	-5.0		598.3	Δ	60		
10	S	880	✓					12.4	-12.4		590.9		61		
11		1760		88° 44' 00"				2.0	+36.9		640.2		62		
12		2640		88 34 25				50	+60.7		664.0		63		
13		2750		88 35 30				50	+63.0		666.3				
14	✓			271 25 35				50						0 623+100 = 080-05	
15														0 072-07 = S.R. 1071 423	
16											667.8			BARR SURVEY 667.8	
17															
18											-1.5			MISTAKE	
19															
20															

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### STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 12  
 LINE No.(s) 080-77 PARTY No. 1123 DATE 19 Day MAX Mo. 77 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR T. SHERLINE RODMAN A. GARCIA WEATHER: CLEAR - WINDY - 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.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2	N	2530	✓			B	124	+12.7		+24.5	692.3	667.8	T.M. - 080-05	5072-07		
3			✓			B	112	+12.7					Δ 080-05 = S.A. 63+110			
4		1760		90 20 00					15.0	-25.2		667.1		67		
5		880	✓						12.7	-12.7		<del>654.4</del>		65		679.7
6		0	✓						5.0	-5.0		687.3	π	66		
7	S	880		89 36 40					3.0	+3.0		695.3		67		
8		1760		89 26 10					3.0	+14.3		<del>681.4</del>		68		706.6
9		2640		89 16 50					2.0	+31.5		723.8	0	69		723.4
10				270 44 00					2.0				0			
11	N	2970		92 43 10					15.0	+155.2	879.0		Δ			
12			✓	267 18 30					15.0				Δ			
13		2090		92 36 40					16.0 <sup>H.R.</sup>	-123.4		755.6		70		
14		1210		92 51 15					21.0 <sup>H.R.</sup>	-81.3		797.7		71		
15		330		90 48 00					15.0	-19.6		859.4		72		
16		0	✓						5.0	-5.0		874.0	π	72 + 330		
17	S	550		90 48 30					15.0	-22.7		856.3	0	73		855.7
18		550		269 12 40					15.0				0	74		
19		2310											0	75		
20			✓										0			

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### STADIA SURVEY NOTES

AREA N.A.R. - 4 STATE or PROVINCE MASISA PAGE No. 13  
 LINE No.(s) 080-77 PARTY No. 1173 DATE 21 Day MAR Mo. 77 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR T. SHERKILL RODMAN A. GARCIA WEATHER: CLEAR COLD P.T.S. No. \_\_\_\_\_

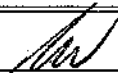
LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction			Center Hair	INST.		
1											856.3			
2	N	1760		87 11 30				2.0	-84.4	771.9		Δ	73	
3				772 49 30				2.0				Δ		
4		880		87 57 20				2.0	+29.4		801.3		74	
5		0						5.0	-5.0		766.9	π	75	
6	S	880		88 39 20				2.0	+18.6		790.5		76	
7		1760		86 50 40				3.0	+93.7		865.6		77	170
8		2440		85 35 35				7.0	+180.8		952.4	0	77+770	951.5
9				774 23 55				7.0				0		
10	N	990		90 30 40				15.0	+23.6	976.0		Δ		
11				269 31 15				15.0				Δ		
12		880		90 27 20				15.0	-22.0		954.0		78	
13		0						5.0	-5.0		971.0	π	79	
14	S	572		89 40 00				3.0	+0.4		976.4	0	79+572 = 080-04	
15				570 21 00				3.0				0		
16											975.4		BACK SURVEY	975.4
17														
18														
19														
20														

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 14  
 LINE No.(s) 080-77 PARTY No. 1177 DATE 21 Day WED Mo. 77 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR T. SHELDON RODMAN A. GARCIA WEATHER: CLWD 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											975.4				
2	N	2948		89 05 20				7.0	-40.4	935.0		Δ	080-04		
3		✓		270 56 00				7.0				Δ	S.P. 79+572		
4		2640		89 05 00				3.0	+39.2		974.2		80		
5		1760		89 27 10				2.0	+14.8		949.8		81		
6		880	✓				T 42	+44	+0.2		935.2		82		
7		0	✓					5.0	-5.0		930.0	κ	83		
8	S	880		90 50 50				15.0	-27.9		907.1	0	84	907.5	
9		✓		269 10 20				15.0				0			
10	N	2490		88 19 40				2.0	-71.2	835.9		Δ			
11		✓		271 41 50				2.0				Δ			
12		1610		89 31 00				7.0	+6.6		842.5		85		
13	1280	<del>1610</del>		88 59 40				4.0	+18.5		854.4		85+330		
14		730		89 13 30				9.0	+0.9		836.8		86		
15		0	✓					5.0	-5.0		830.9	κ	86+		
16	S	150		90 51 00				15.0	-17.2		818.8		87		
17		1030		94 25 50				15.0	-94.1		741.8	0	88	742.5	
18		✓		265 35 50				15.0				0			
19	N	2090		85 21 20				1.0	-16.8	573.8		Δ			
20		✓		274 39 50				1.0				Δ			

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### STADIA SURVEY NOTES

AREA N.P. - 4 STATE or PROVINCE ALASKA PAGE No. 15  
 LINE No.(s) 086-77 PARTY No. 1173 DATE 21 Day MON Mo. 77 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR T. SHRELLER 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		B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												573.8				
2	N	1210		86 15 30					3.0	+75.8		649.6		89		
3		660		86 35 20					10.0	+29.2		603.0		89+550		
4		330		86 34 30					6.0	+13.7		587.5		90		
5		0	✓						5.0	-5.0		568.8	π	90+320		
6	S	550		96 08 00					15.0	-73.4		500.4		91		
7		1430		92 05 00					15.0	-66.9		506.9		92		
8		2200		90 31 40					15.0	-74.9		538.9	0	92+770		540.1
9		✓		269 29 30					15.0				0			
10	N	1540		91 18 30					15.0	+49.7	588.6		Δ			
11		✓		268 43 40					15.0				Δ			
12		1430		91 43 00					15.0	-57.8		530.8		93		
13		550		90 58 00					15.0	-24.3		564.3		96		
14		0	✓						5.0	-5.0		583.6	π	94+550		
15	S	330	✓						2.8	-2.8		585.8		95		
16		1210	✓						4.7	-4.7		583.9		96		
17		2090		89 11 00					15.0	+15.1		603.7	0	97		605.2
18		✓		270 50 10					15.0				0			
19	N	2640	✓						5.0	+4.8	608.5		Δ			
20		✓							4.25				Δ			

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### STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 16  
 LINE No.(s) 080-77 PARTY No. 1123 DATE 71 Day MAR Mo. 77 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR T. SHERRILL 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.	ROD		
1												608.5			
2	N	1760	✓								-12.2	596.3		98	
3		880	✓								-10.9	597.6		99	
4		0	✓								-5.0	603.5	π	100	
5	S	67	✓								-6.5	602.0	○	100+67 = 080-03	
6		✓	✓											0	
7												603.8		BARR SURVEY	603.8
8															
9												-1.8		MISTAKE	
10															
11												603.8		080-03	
12	S	167	✓								+6.5	610.3		Δ = S.P. 100+67	
13		✓	✓											Δ	
14		880	✓				B	12.0	-4.4					101	
15		1760		90	23	20								102	
16		2640		90	24	30								103	
17		✓		269	37	10								0	
18	N	1430		88	53	20								Δ	
19		✓		271	08	20								Δ	
20		590		88	55	02								104	

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### STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 17  
 LINE No.(s) 080-77 PARTY No. 1173 DATE 21 Day MAR Mo. 77 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR T. SHEDDEN RODMAN A. GARCIA 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 S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												564.0				
2		0	✓									559.0	π	104	580	
3	S	330		92 19 30								535.6		105		
4		1210		94 01 30								458.3		106		
5		2090		93 06 30								435.8		107		
6		2970		92 32 40								411.8	0	108		
7		✓		267 21 30									0			
8	N	2640	✓			T	14.2	-13.2				+0.7	412.5			
9		✓	✓			T	13.6	-13.2								
10		1760	✓									409.1		109		
11		880	✓									406.4		110		
12		0	✓									407.5	π	111		
13	S	880	✓									406.5		112		
14		1760	✓									405.6		113		
15		2640	✓									399.7	0	114		
16		✓	✓										0			
17	N	3520		92 37 15								+1.7512	574.9			
18		✓		267 24 00												
19		2640		93 13 20								-163.2	411.7		115	
20		1760		94 21 20								-148.3	426.4		116	

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**STADIA SURVEY NOTES**

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 18  
 LINE No.(s) 080-77 PARTY No. 1173 DATE 21 Day MON 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		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												574.9				
2	N	880		95 01 20				15.0		-91.7		483.2		117		
3		0	✓					5.0		-5.0		569.9	π	118		
4	S	880		89 11 20				14.0		-1.5		573.4		119		
5		1760		89 08 40				9.6		+17.3		592.2		120		
6		2640		88 55 30				9.0		+41.2		616.2	0	121		
7		✓		271 06 10				9.0						0		
8	N	2640		89 32 40				100.0		-11.6	604.5			Δ		
9		✓		270 28 50				100.0						Δ		
10		1760		89 44 00				2.0		+6.2		610.7		122		
11		1380		89 53 00				5.0		-2.2		602.3				INT = 122+380 - L 080
12																640+740 - L - 068
13		1370		89 47 00				5.0		+0.2		604.7				S.P. 641 - L - 068 607'
14		880		89 48 00				5.0		-1.9		602.6		123		TIE - 2'
15		0	✓					5.0		-5.0		599.5	π	124		
16	S	880	✓					13.4		-13.4		591.1		125		
17		1760	✓					12.0		-12.0		592.5		126		
18		1804	✓					114.7		-11.2		593.3	0			126+44 - 080-02
19		✓	✓					10.8						0		
20												593.6				TRAIL SURVEY

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**STADIA SURVEY NOTES**

AREA N.P.R.-4 STATE or PROVINCE ALASKA PAGE No. 18  
 LINE No.(s) 080-77 PARTY No. 1173 DATE 21 Day MAR Mo. 77 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR T. SHERRILL 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		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												593.6		080-02		
2	N	4686		87 51 20						-172.9	420.7			Δ = 5 P. 126 + 44		
3		✓		272 09 40										Δ		
4		3850		88 14 00						+116.6		537.3		127		
5		2930		89 17 50						+10.4		455.1		128		
6		2090	✓			T	7.8	+16.0		+3.2		423.9		129		
7		1210		90 28 10						-24.9		396.8		130		
8		330	✓			B	14.8	-1.7		-16.5		404.2		131		
9		0	✓							-5.0		415.7	T	131 + 330		
10	S	550		94 54 00						-61.8		358.9		132		
11		1430		92 07 30						-68.0		352.7		T.S.1		
12		2370		91 21 20						-62.6		351.1		T.S.2		
13		3190		90 57 00						-67.9		352.8	⊙	T.S.3		SOUTH END OF LINE
14																
15																
16																
17																
18																
19																
20																

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