

STADIA SURVEY NOTES

AREA N.P.R.-4 STATE or PROVINCE ALASKA PAGE No. 1
 LINE No.(s) 081-77 PARTY No. 1173 DATE 18 Day FEB Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERRILL RODMAN A. GARCIA WEATHER: CLEAR - WERA NICE 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			WEST ON LINE 081 FROM				TBM	081-08	(080-09)		433.9					
2	E	2573		90 24 40				150		+17.9	451.8	Δ	TBM 081-08 + 080-09			
3		✓		269 56 50				150				Δ	= S.P. 16 + 813			
4		1760	✓					116		-11.6	440.2	π	16			
5		0	✓					50		-5.0	446.8	π	15			
6	W	1760		89 31 20				50		+9.8	461.6	0	14		461.2	
7		✓		270 29 10				50				0				
8	E	1760	✓			B	7.4	+8.8		+15.7	477.3	Δ				
9		✓				B	6.4	+8.8				Δ				
10		0	✓					50		-5.0	472.3	π	13			
11	W	1760		89 31 40				50		+10.1	487.4	0	12		486.6	
12		✓		270 30 30				50				0				
13	E	1760	✓					10.5		+14.1	501.5	Δ				
14		✓						13.7				Δ				
15		0	✓					5.0		-5.0	496.5	π	11			
16	W	1760	✓					11.3		-11.0	490.5	0	10		489.3	
17		✓						10.7				0				
18	E	2573	✓			B	6.8	+11.6		+17.9	508.4	Δ				
19		2573	✓			B	5.8	+11.6				Δ				
20		1760	✓	90 32 05										9+1430		

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 7
 LINE No.(s) 081-77 PARTY No. 1173 DATE 19 Day FEB 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												312.1				
2	W	1980		08 27 00				11.0		-43.0	269.1		Δ	29 + 770		
3		✓		271 34 25				11.0					Δ			
4		990		89 33 45				2.0		+5.6		274.7		30		
5		0	✓					5.0		-5.0		264.1	π	30 + 990		
6	E	770	✓					12.0		-12.0		257.1		31		
7		1100	✓					13.5		-13.5		255.6		31 + 330		
8		1440		87 12 40				5.0		+6.5		334.4	0	31 + 660		
9		✓		772 48 30				5.0					0	334.2	335.2	
10	W	1000	✓				B	12.2	+5.0	+17.6	352.0		Δ			
11		✓					B	13.0	+5.0				Δ			
12		0	✓					5.0		-5.0		347.0	π	32		
13	E	1760	✓					5.8		-5.4		346.6	0	33	346.3	347.5
14		✓						5.0					0	33		
15	W	1760	✓				T	6.0	-8.8	-3.2	343.4		Δ			
16		✓					T	5.3	-8.8				Δ			
17		0	✓					5.0		-5.0		338.4	π	34		
18	NE	1250	✓					9.2		-8.8		334.6	0	TBM	081-06 334.4	
19		✓						8.4					0		335.8	
20												335.8			BARR SURVEY (1.4)	

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 3
 LINE No.(s) 081-77 PARTY No. 1173 DATE 18 Day FEB Mo. 77 Yr. BOOK No.
 SURVEYOR T. SHERBILL 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												548.0			
2	E	2417		88 25 40				10.0		-56.9	491.1		Δ	S.P. 3 + 1647 - TBM 081-09	
3		✓		271 36 00				10.0					Δ		
4		770		90 17 30				15.0		-18.9		472.2		3	
5		0	✓					5.0		-5.0		486.1	π	2 + 990	
6	W	990	✓				T	6.0	+4.9	-1.1		490.0		2	
7		2750		88 58 20				5.0		+45.1		536.2	0	S.P. 1 = TBM 081-10	
8		✓		271 03 30				5.0					0		
9												535.4		BALANCE SURVEY	
10															
11												+ 0.8		MISDE	
12															
13												535.4			
14	E	1430		88 22 10				7.0		-33.7	501.7		Δ	S.P. 1 = TBM 081-10	
15		0	✓					5.0		-5.0		496.7	π	S.P. 1 + 1430	
16	W	330		91 02 00				15.0		+21.0		480.7		T.S. 1	
17		880		92 03 10				15.0		-48.1		453.6	0	TS-1 + 550	
18	E	3740		88 44 40				15.0		-67.0	386.6		Δ		
19		2530		92 03 15				15.0		-105.7		280.9		TS-2	
20		770		92 58 00				15.0		-54.9		331.7		TS-3	

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 4
 LINE No. (s) 081-77 PARTY No. 1172 DATE 18 Day FEB Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERMAN 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.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												386.6				
2		0	✓					5.0		-5.0		381.6	π	T.S. 3 + 770		
3	W	990		89 35 25			3.0		+4.1			390.7		T.S. 4		
4		1750		89 26 45			10.0		+16.6			403.2	0	T.S. 5		
5	E	1750	✓			T	1.2	-8.8		-7.6		395.6	Δ			
6		0	✓					5.0		-5.0		390.6	π	T.S. 5 + 1750		
7	W	10	✓					5.0		-5.0		390.6	0	T.S. 6		
8																WEST END OF LINE
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. 5
 LINE No.(s) 081-77 PARTY No. 1173 DATE 19 Day FED Mo. 77 Yr. BOOK No.
 SURVEYOR T. SHERKILL 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				EAST	from		TBM	081-08	(080-09)		433.9			
2	W	2707		89	40	20				-13.1	420.8	Δ	16+813 = TBM 080-03	
3		✓		270	21	10						Δ	= TBM 081-08	
4	W	1760	✓				T	7.4	+88	+1.6	422.2		17	
5		0	✓							-5.0	415.8	π	18	
6	E	1760		90	20	40				-25.1	395.7	0	19	395-1
7		✓		269	41	05						0		
8	W	1760		88	53	50				-31.3	364.4	Δ		
9		✓		271	07	50						Δ		
10		0	✓							-5.0	359.4	π	20	
11	E	1760	✓				T	9.4	+88	-0.2	364.2	0	21	363-1
12		✓					T	8.6	+80			0		
13	W	1760	✓							+10.3	374.5	Δ		
14		✓										Δ		
15		0	✓							-5.0	369.5	π	22	
16	E	1799	✓							-9.4	368.1	0	22 + 1499 = TBM 081-07	
17		✓										0		365.5
18											363.9		BARB SWIFT	363-9
19														(+1.6)
20										+1.2			MISTLE	

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STADIA SURVEY NOTES

AREA N.P.R.-4 STATE or PROVINCE ALASKA PAGE No. 6
 LINE No.(s) 081-77 PARTY No. 1173 DATE 19 Day FEB Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERKILL RODMAN A. GARCIA WEATHER: CLEAR P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	SEAMAN 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												363.9				
2	W	2021		89 34 00				3.0		-12.7	351.2		A	5.2	22 + 1499 = TBH 081-07	
3		✓		270 27 30				3.0					A			
4		1760		89 34 20				3.0		+10.1		361.3		23		
5		0	✓					5.0		-5.0		346.2	π	24		
6	E	1760		90 27 00				15.0		-28.4		322.8	0	25	323-1	
7		✓		269 34 40				15.0					0			
8	W	1760	✓			T	9.0	-88			-0.2	322.6				
9		✓	✓			T	8.2	-88								
10		550		91 33 50				15.0		-30.3		292.3		25 + 1210		
11		0	✓					5.0		-5.0		317.6	π	26		
12	E	1210		90 51 00				15.0		-33.0		289.6		26 + 1210		
13		1760	✓			B	8.8	-8.8			-17.2	305.4	0	27	305.4	
14		✓	✓			B	8.0	-8.8					0			
15	W	1760	✓					2.4		+2.3	307.7		A			
16		✓	✓					1.8					A			
17		0	✓					5.0		-5.0		302.7	π	28		
18	E	1760	✓					2.4		-2.4		305.3	0	29		
19	2530	2245	✓			T	8.8	+12.7			+4.4	312.1	0	29 + 3170	312-6	
20		✓	✓			T	7.8	+12.7					0	31-8		

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 7
 LINE No.(s) 081-77 PARTY No. 1173 DATE 19 Day FEB 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												312.1			
2	W	1980		08 27 00				11.0		-43.0	269.1		Δ	29 + 770	
3		✓		271 34 25				11.0					Δ		
4		990		89 33 45				2.0		+5.6		274.7		30	
5		0	✓					5.0		-5.0		264.1	π	30 + 990	
6	E	770	✓					12.0		-12.0		257.1		31	
7		1100	✓					13.5		-13.5		255.6		31 + 330	
8		1440		87 12 40				5.0		+6.5		334.4	0	31 + 660	
9		✓		772 48 30				5.0					0	334.2	335.2
10	W	1000	✓				B	12.2	+5.0		+17.6	352.0	Δ		
11		✓					B	13.0	+5.0				Δ		
12		0	✓					5.0		-5.0		347.0	π	32	
13	E	1760	✓					5.8		-5.4		346.6	0	33	346.3 347.5
14		✓						5.0					0	33	
15	W	1760	✓				T	6.0	-8.8		-3.2	343.4	Δ		
16		✓					T	5.3	-8.8				Δ		
17		0	✓					15.0		-5.0		338.4	π	34	
18	NE	1250	✓					9.2		-8.8		334.6	0	TBM	081-06 334.4
19		✓						8.4					0		335.8
20												335.8			BARR SURVEY (1.4)

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 8
 LINE No.(s) 081-77 PARTY No. 1173 DATE 19 Day FEB Mo. 77 Yr. BOOK No.
 SURVEYOR T. SHERRILL RODMAN A. GARCIA WEATHER: PARTLY 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											335.8			
2	NE	1250	✓					3.2	+8.8	344.6		Δ	TBM 081-06	
3			✓					8.4				Δ		
4		0	✓					5.0	-5.0		339.6	π	34	
5	E	1210		91 19 30				10.0	-37.7		306.9	0	34+120 306.6	
6			✓	268 42 00				100				0		
7	W	1540		87 38 10				3.0	-60.8	246.2		Δ		
8				272 23 00				3.0				Δ		
9		990		87 49 10				2.0	+35.7		281.8		35	
10		0	✓					5.0	-5.0		241.1	π	35+990	
11	E	440	✓					13.0	-13.0		233.1		35+1430	
12		770		87 54 05				3.0	+75.2		271.3		36	
13		2200		84 32 45				13.0	+196.9		442.7	0	36+1430 441.8	
14			✓	275 29 00				13.0				0		
15	W	1100		90 18 50				13.0	+18.7	461.5		Δ		
16			✓	269 48 00				13.0				Δ		
17		770	✓					7.7	-7.7		454.0		37	
18		0	✓					5.0	-5.0		456.7	π	37+770	
19	E	990		90 52 00				15.0	-29.7		431.7	0	38 430.6	
20			✓	269 09 50				15.0				0		

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 9
 LINE No.(s) 081-77 PARTY No. 1173 DATE 19 Day FEB Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERBILL 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											431.7			
2	W	1760		88 41 35				2.0		-38.6	393.2	Δ	38	
3		✓		271 30 15				2.0				Δ		
4		0	✓					5.0		-5.0	388.4	τ	39	
5	E	1760		88 13 20				2.0		+52.6	446.0	●	40	
6		2530		88 10 25				6.0		+75.1	468.2	○	40 + 770	466.5
7		✓		271 50 55				6.0				●		
8	W	1320	✓				τ	12.0	-6.6			Δ		
9		✓	✓				τ	11.6	-6.6			Δ		
10		330	✓					6.1		-6.1	467.3	τ	41	
11		0	✓					5.0		-5.0	468.4	τ	41 + 320	
12	E	1430		21 26 25				15.0		-50.6	422.8	○	42	420.7
13		✓		268 35 15				15.0				○		
14	W	1760		91 00 00				15.0		+45.3	468.2	Δ		
15		✓		269 01 40				15.0				Δ		
16		0	✓					5.0		-5.0	463.2	τ	43	
17	E	1760		90 13 30				15.0		-21.5	446.6	○	44	444.0
18		✓		269 48 15				15.0				○		
19	W	1760		88 14 00				12.0		-42.6	404.0	Δ		
20		✓		271 47 30				12.0				Δ		

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 10
 LINE No.(s) 081-77 PARTY No. 1173 DATE 20 Day FEB Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERRILL RODMAN A. GARLAND WEATHER: HAZE AND 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												407.0			
2		0	✓					5.0		-5.0		399.3	π	45	
3	E	1760		90 19 10			15.0			-24.5		379.5	0	46	376.4
4		✓		269 42 10			15.0						0		
5	W	1769		90 24 40			15.0			+28.2		407.8	Δ		
6		✓		269 35 10			15.0						Δ		
7		0	✓				5.0			-5.0		403.0	π	47	
8	E	568	✓				6.2			-6.2			0	47 + 568	= TBM 081-05
9		✓	✓				6.1					401.5	0		
10												398.1	B		BARU SURVEY 398.1
11															
12												+3.4			MISTIE
13															
14												398.1			
15	W	862		88 29 50			10.0			-12.8		385.3	Δ	47 + 568	= TBM 081-05
16				273 31 50			10.0						Δ		
17		0	✓				5.0			-5.0		380.3	π	47 + 1430	
18	E	330		91 52 50			15.0			-25.8		359.5		48	
19		660		93 16 40			15.0			-52.8		332.5		48 + 330	
20															

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 11
 LINE No.(s) 081-77 PARTY No. 1173 DATE 20 Day FEB Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERLIND RODMAN A. GARCIA WEATHER: HAZE & FOG P.T.S. No. _____

LINE	Bearing of Sight	Stadio 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												385.3				
2	E	2090		90 31 10				15.0			-33.5		351.8	0	49	351.6
3		✓		269 30 10				15.0						0		
4	W	2530		90 45 30				15.0		+47.9		399.7		Δ		
5		✓		269 16 00				15.0						Δ		
6		770		90 33 50				15.0			-22.6		377.2		50	
7		0	✓					5.0			-5.0		394.7	π	50+770	
8	E	990	✓				B	13.2	-5.0		-18.2		381.5		51	
9		1760		90 22 30				15.0			-26.1		373.6	0	52+770	372.9
10		1760	✓	269 39 10				15.0						0		
11	W	990		88 28 40				10.0			-16.6	357.0		Δ		
12		✓		271 33 20				10.0						Δ		
13		0	✓					5.0			-5.0		352.0	π	52	
14	E	1760		91 21 10				15.0			-56.2		300.8	0	53	299.9
15		✓		268 40 20				15.0						0		
16	W	1210	✓					7.8		+7.6		308.4		Δ		
17		✓	✓					7.3						Δ		
18		0	✓					5.0			-5.0		303.4	π	53+1210	
19	E	550	✓					7.5			-7.5		300.9		54	
20																

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 12
 LINE No. (s) 081-77 PARTY No. 1173 DATE 21 Day FED Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERILL RODMAN A. GARCIA 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		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD		
1												308.4			
2	E	1540	✓					7.4		-7.0		301.4	○	54+990	✓ 300.2
3			✓					6.7					○		
4	W	1100		88	36	30		10.0		-16.9	284.5		▲		
5			✓	271	24	50		10.0					▲		
6		330	✓					2.7		-2.7		281.8		55	
7		0	✓					5.0		-5.0		279.5	π	55+330	
8	E	440		93	35	20		15.0		-42.6		241.9		55+770	
9		1430		92	27	20		15.0		-76.1		208.4	○	56	207.0
10			✓	267	33	35		15.0					○		
11	W	1760		96	58	30		15.0		+229.0	437.4		▲		
12			✓	263	02	10		15.0					▲		
13		0	✓					5.0		-5.0		432.4	π	57	
14	E	330		85	44	00		10.0		+14.7		452.1	○	57+330	✓ 450.7
15			✓	274	19	00		10.0					○		
16	W	1760	✓				B	6.6	+88.7		+15.2	467.3	▲		
17			✓				B	6.2	+88.5				▲		
18		330	✓					6.6		-6.6		462.7		58	
19		0	✓					5.0		-5.0		462.3	π	58+330	
20															

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STADIA SURVEY NOTES

AREA N.A.R. - 4 STATE or PROVINCE ALASKA PAGE No. 13
 LINE No.(s) 081-77 PARTY No. 1173 DATE 23 Day FEB Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERRILL RODMAN A. GARCIA WEATHER: CLEAR - WINDY - 1424 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										407.3					
2	E	1430		90 59 30				150	-39.5		427.8	0	59	426.1	
3		✓		269 01 40				150				0			
4	W	1760		89 56 20		(89 56 20)		60	+3.8	431.6		Δ			
5		✓		270 25 00				60				Δ			
6		1210		90 58 30				150	-35.6		396.0	0	59 + 550		
7		0		✓				50	-5.0		426.6	0	60		
8	E	1760		89 46 00				150	-7.5		424.1	0	61	422.2	
9		✓		270 15 20				150				0			
10	W	1760		90 19 30				60	+15.5	439.6		Δ			
11		✓		269 42 30				60				Δ			
12		0		✓				50	-5.0		434.6	0	62		
13	E	1760		89 29 20				150	+1.2		440.8	0	63	438.6	
14		✓		270 32 30				150				0			
15	W	1760		89 41 20				60	-3.9	436.9		Δ			
16		✓		270 20 10				60				Δ			
17		0		✓				50	-5.0		431.9	0	64		
18	E	1215		90° 29' 00"				150	-23.3		413.6	0	64 + 210	411.1	
19		✓		269 36 50"				150				0			
20															

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 14
 LINE No.(s) 081-77 PARTY No. 1173 DATE 23 Day FEB Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERILL RODMAN A. GARCIA WEATHER: CLEAR - WINDY 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													413.6			
2	W	1540	89	08	35			5.0		-18.3	395.3		Δ	64+1210		
3		✓	270	52	40			5.0					Δ			
4		990	89	02	40			15.0		+1.5		396.8		65		
5		0	✓					5.0		-5.0		390.3	π	65+990		
6	E	770	89	31	30			2.0		+4.4		399.7		66		
7		1760	89	12	00			15.0		+9.9		405.2	0	66+990	402.5	
8		✓	270	49	20			15.0					0			
9	W	1100	89	18	30			10.0		-3.5	401.7		Δ			
10		✓	270	42	50			10.0					Δ			
11		330	89	27	20			2.0		+1.1		402.8		67		
12		0	✓					5.0		-5.0		396.7	π	67+1130		
13	E	1430	92	02	20			15.0		-6.6		336.1	0	68	✓ 333.2	
14		✓	267	59	10			15.0					0			
15	W	1210	88	27	25			10.0		-22.8	313.3		Δ			
16		✓	271	37	50			10.0					Δ			
17		880	88	30	40			15.0		+6.3		319.6		68+330		
18		440	96	00	30			15.0		nil		252.2		68+770		
19		0	✓					5.0		-5.0		308.3	π	68+1210		
20	E	550	89	29	00			2.0		+3.0		316.3		69		

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 15
 LINE No. (s) 081-77 PARTY No. 1172 DATE 23 Day POB Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SPERRILL RODMAN A. (ARCIA) WEATHER: CLM - WINDY - PARTLY 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												313.3				
2	E	1960		36 00	20			16.0		+123.5		436.8	0	70 + 110		433.6
3		✓		274 01	25			16.0					0			
4	W	440		92 33	45			15.0		+346	477.4		A			
5		✓		267 26	45			15.0					E			
6		110	✓					9.9		-9.9		461.5		70		
7		0	✓					5.0		-5.0		466.4	π	70 + 110		
8	E	586		88 40	00			15.0		1.2		433.2	0	70 + 696 = INT 073/081		
9		✓		271 21	40			15.0					0	= S.P. 51 - LINE 073		
10	NE	375	✓					76		+75	477.7		A			466.9
11		✓	✓					74					B			
12		0	✓					5.0		-5.0		472.7	π	073 + 4 = 081 - 03		
13												469.4	BANK SURVEY			469.4
14																
15												+3.3	MISTIE			
16																
17												466.9	INT 073/081			corrected
18													(REFER L-8 51-15)			
19																
20																

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 16
 LINE No.(s) DBI-77 PARTY No. 1173 DATE 24 Day FEB Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERGILL RODMAN A. GARCIA 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		A.B.S. OF S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												46.9				REFER L-17 P-15
2	W	1064	87	40	05			5.0		-38.6	428.3					Δ INT 073/081, S.P. 70
3		✓	272	21	45			5.0								Δ = S.P. 51 2-073 / +696/L-081
4		0	✓					5.0		-5.0	423.3					π S.P. 71
5	E	1210	86	12	50			15.0		+65.1	493.4					0 71 + 1210 493.6
6		✓	273	48	15			15.0								
7	W	880	90	34	40			15.0		+23.8	517.2					
8		✓	269	26	10			15.0								
9		330	✓					9.0		-9.0	508.2				72	
10		0	✓					5.0		-5.0	512.2				π 72 + 330	
11	E	1430	90	11	25			15.0		-19.6	497.8				0 73	498.3
12		✓	269	50	20			15.0								
13	W	1210	88	52	10			15.0		-9.1	488.7					
14		✓	271	09	00			15.0								
15		0	✓					5.0		-5.0	483.7				π 73 + 1210	
16	E	550	92	51	00			15.0		-42.4	446.3				74	
17		660	93	11	30			15.0		-51.8	436.9				74 + 110	
18		1540	90	24	50			15.0		-25.7	463.0				0 74 + 990	463.8
19		1590	✓	269	37	10		15.0								
20																

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STADIA SURVEY NOTES

AREA N.A.R. - 4 STATE or PROVINCE ALASKA PAGE No. 17
 LINE No.(s) 081-77 PARTY No. 1173 DATE 24 Day FEB Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERRILL RODMAN A. GARCIA 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		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion			Center Hair	INST.			
1											463.0				
2	W	1760	✓					9.2	+8.8	471.8		Δ	74+590		
3		✓	✓					8.4				Δ			
4		990		92 16 40				15.0	-54.4		417.4		75		
5		0	✓					5.0	-5.0		466.8	π	75+590		
6	E	770		92 23 10				15.0	-47.1		424.7		76		
7		1760	✓					10.6	-10.2		461.6	0	76+590	462.7	
8		✓	✓					9.8				0			
9	W	1320		89 07 00				15.0	-5.6	456.0		Δ			
10		✓		77 54 20				15.0				Δ			
11		550	✓					7.3	-7.3		448.7		77		
12		0	✓					5.0	-5.0		451.0	π	77+550		
13	E	1210		87 47 10				15.0	+31.9		487.9	0	78	489.3	
14		✓		77 13 35				15.0				0			
15	W	1650		93 18 10				15.0	+102.7	597.6		Δ			
16		✓		266 43 40				15.0				Δ			
17		0	✓					5.0	-5.0		592.6	π	78+1650		
18	E	110		89 20 40				2.0	-0.7		596.9		79		
19		660		88 30 20				10.0	+7.4		605.0	0	79+550	606.6	
20		✓		77 1 31 10				10.0				0			

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 18
 LINE No.(s) 081-77 PARTY No. 1172 DATE 29 Day 22 Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SHERKILL RODMAN A. GARCIA WEATHER: BLOWING SWIND 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	W	1210	✓					9.27		+9.9	613.9		605.0	Δ	79+550		
3			✓					8.67						Δ			
4		0	✓					5.0		-5.0			608.9	π	80		
5	E	1760		88 54 50				15.0		+18.4			632.3		81		
6		1826		88 58 05				15.07		+18.6			632.5	⊙	B1 + 56' = WT 078/081		
7			✓	271 02 35				15.02						⊙	56 66 + 179 634.5		
8	W	1104		89 04 40				7.07		-11.1	621.4			Δ			
9			✓	270 56 25				7.05						Δ			
10		0	✓					5.0		-5.0			616.4	π	81 + 1210		
11	NW	318	✓					1.17		-1.1			620.3	⊙	TBM 081-02		
12			✓					1.17						⊙			622.4
13													622.4		BARR SURVEY		
14																	
15													-2.1		MISTIE		
16													622.4				
17	NW	318	✓					1.17		+1.1	623.5			Δ	TBM 081-02		
18			✓					1.17						Δ			
19		0	✓					5.0		-5.0			618.5	π	81 + 1210		
20	E	550		92 01 00				15.0		-34.4			589.1		82		

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 19
 LINE No.(s) 081-77 PARTY No. 1173 DATE 27 Day FEB Mo. 77 Yr. BOOK No. _____
 SURVEYOR T. SPERRILL 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.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction			Center Hair	INST.			
1		880		92 57 30				1.0	-46.9	623.5	576.6		82+330		
2	E	2310		91 01 30				15.0	-56.0		567.5	0	83		
3		✓		268 59 20				15.0				0			
4	W	1430		90 35 20				15.0	+29.3	596.8		Δ			
5		✓		269 30				15.0				Δ			
6		0 ✓						5.0	-5.0		591.8	π	83+1430		
7	E	330		91 14 40				15.0	-22.2		574.6		84		
8	1100	2090		92 29 00				1.0	-48.7		548.1		TS1 84+770		
9		2090		91 31 30				15.0	-70.6		526.2		TS1		
10		2420		91 13 30				15.0	-66.7		530.1	0	TS1 + 330		
11	W	2200		84 54 50				3.0	-192.2	337.9		Δ			
12		770		86 25 40				4.0	+44.0		331.9		TS2		
13		0 ✓						5.0	-5.0		332.9	π	TS-2 + 770		
14	E	990		97 05 20				4.0	-126.4		211.5		TS3		
15		2750		93 13 20				4.0	-157.8		185.1		TS4	179.2	
16		4510		92 02 50				4.0	-165.1		172.3		TS5	EAST END OF LINE	
17															
18															
19															
20															

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