

STADIA SURVEY NOTES

AREA N.P.L. - 4 STATE or PROVINCE ALASKA PAGE No. 1
 LINE No.(s) 75-52 PARTY No. 1195 DATE 16 Day APRIL Mo. 1975 Yr. BOOK No. _____
 SURVEYOR T. SHERRILL RODMAN T. CORCORAN 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															
2	S	3960		89°54'20"							-2.5	-51.2	53.7	Δ	see page 9 for beginning
3		3960	✓								74.9	+19.8	(4.9)		S.P. 52-LINE 55
4		2640	✓										56.1		INT 52/55
5		1320	✓								-3.6				S.P. 6 LINE 52 see page
6		10	✓								-5.0				5 LINE 55
7	N	1320	✓								-5.0			π	4
8		2640	✓								-5.8				3
9		3960	✓								-5.2				2
10	S	3960	✓								-6.4	44.8	44.8	○	1
11		2640	✓								+9.5	49.3		Δ	
12		1320	✓								-9.7				T.S. 6
13		0	✓								-5.5				T.S. 5
14	N	1320	✓								-5.0			π	T.S. 4
15		2640	✓								-5.2				T.S. 3
16		3960	✓								-5.8				T.S. 2
17											-6.0				T.S. 1 E.O.L.
18												43.3			
19	N	2640	✓										43.3		
20		2640	✓								-3.6	39.7		Δ	S.P. 52-LINE 55
											+3.3				S.P. 7 (INT 52/55)

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 3
 LINE No.(s) 75-52 PARTY No. 1195 DATE 16 Day APRIL Mo. 1975 Yr. BOOK No. _____
 SURVEYOR T. SHERRILL RODMAN T. COLLORAN WEATHER: CLEAR P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Δ S. OF. S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2	N	2145	✓						+12.9	+12.9	39.6		26.7	Δ	5A23	
3		825	✓						1.8	-1.8				π	24	
4		0	✓						5.0	-5.0				π	24+825	
5	S	495	✓			B	142	-2.5		-10.7					25	Topo E. = 25'
6		1815	✓			B	10.0	-9.1		-19.1					26	
7		3135	✓			B	7.2	-15.7	+22.9	-22.9		16.7		0	27	
8	N	1815	✓						+5.8	+5.8	22.5			Δ		
9		495	✓						5.6	-5.6				π	28	
10		0	✓						5.0	-5.0				π	28+495	
11	S	825	✓						6.2	-6.2					29	
12		2145	✓	89° 38' 50"					10.0	+13.2	+3.2	25.7		0	30	
13	N	2640	✓	89° 55' 04"					10.0	-3.8	+6.2	31.9		Δ		
14		1320	✓			T	70.2	+6.6	X	-3.6					31	
15		0	✓						5.0	-5.0				π	32	
16	S	1320	✓						5.2	-5.2					33	
17		2640	✓						8.0	-8.0	23.9			0	34	
18	N	2640	✓						+14.4	+14.4	38.3			Δ		
19		1320	✓						7.3	-7.3					35	Topo E. = 50'
20		0	✓						5.0	-5.0				π	36	

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 2
 LINE No.(s) 75-52 PARTY No. 1195 DATE 16 Day APRIL Mo. 1975 Yr. BOOK No. _____
 SURVEYOR T. SHERKILL RODMAN T. CORCORAN WEATHER: CLEAR P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2	N	1320	✓					4.4		-4.4						S 18
3		0	✓					5.0		-5.0						S 19
4	S	1320	✓					5.2		-5.2						10
5		2640	✓					6.4		-6.4		33.3				11
6	N	2640	✓					7.3		+7.3	40.6			Δ		12
7		1320	✓					8.0		-8.0						13
8		0	✓					5.0		-5.0						14
9	S	1320	✓					2.8		-2.8						15
10		2640		89° 56' 10"				8.0	+2.9	-5.1		35.5		⊙		16
11	N	2640	✓					3.6		+3.6	39.1			Δ		17
12		1320	✓					5.8		-5.8						18
13		0	✓					5.0		-5.0						19
14	S	1320	✓					5.8		-5.8						20
15		2640	✓					6.4		-6.4		32.7		⊙		21
16	N	2640	✓					3.2		+3.2	35.9			Δ		22
17		1320	✓					3.4		-3.4						23
18		0	✓					5.0		-5.0						24
19	S	1320	✓					3.4		-3.4						25
20		2640		89° 57' 40"				11.0	+1.8	-9.2		26.7		⊙		26

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 4
 LINE No.(s) 75-52 PARTY No. 1195 DATE 16 Day APRIL Mo. 1975 Yr. BOOK No. _____
 SURVEYOR T. SHERRILL RODMAN T. COLCLOAN 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												38.3				
2	S	1320	✓								-7.3				57.37	
3		2640	✓								-7.1		31.2		57.38	
4	N	3135	✓								+22.9		57.1			
5		1815	✓								-14.2				39	
6		495	✓								-10.3				40	Topo El = 50'
7		0	✓								-5.0				40+435	
8	S	825	✓								-14.3				41	
9		2145	✓								-17.1		37.0		42	
10	N	2640	✓								+0.6		37.6			
11		1320	✓								-5.6				43	
12		0	✓								-5.0				44	on Lake-Topo El = 40'
13	S	1320	✓								-6.0				45	
14		2640	✓								-6.1		31.5		46	
15	N	2640	✓								+5.5		37.0			
16		1320	✓								-5.9				47	
17		0	✓								-5.0				48	
18	S	1320	✓								-6.0				49	
19		2640	✓								-6.2		30.8		50	
20	N	2640	✓								+4.5		35.3			

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 5
 LINE No.(s) 75-52 PARTY No. 1795 DATE 16 Day April Mo. 1975 Yr. BOOK No. _____
 SURVEYOR T. SHERBILL RODMAN T. CORCORAN 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												35.3				
2	M	1320	✓								-4.6				S451	
3		0	✓								-5.0			π	52	
4	S	1320	✓								-5.4				53	
5		2640	✓								-5.2		30.1	0	54	
6	N	2640	✓								+5.7		35.8	Δ		
7		1320	✓								-6.1				55	
8		0	✓								-5.0			π	56	
9	S	1320	✓								-5.8				57	
10		2640	✓								-5.2		30.6	0	58	
11	N	3465	✓								+6.1		36.7	Δ		
12		2145	✓								-6.7				59	
13		825	✓								-6.2				60	
14		0	✓								-5.0			π	60+825	
15	S	495	✓								-5.8				61	
16		1815	✓								-6.1				62	
17		3135	✓								-3.2		33.5	0	63	
18	N	2640	✓								+9.1		42.6	Δ		
19		1320	✓								-6.4				64	
20		0	✓								-5.0			π	65	

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STADIA SURVEY NOTES

AREA N.P.R.-4 STATE or PROVINCE ALASKA PAGE No. 6
 LINE No.(s) 75-52 PARTY No. 1195 DATE 16 Day APRIL Mo. 1975 Yr. BOOK No. _____
 SURVEYOR T. SHERILL RODMAN T. CORCORAN 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												42.6				
2	S	1320.	✓						6.8		-6.8				S.R66	
3		2690	✓						6.9	✓	-6.9	✓	35.7	0	S.A67	
4																
5																
6																
7																
8																
9																
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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 7
 LINE No.(s) 75-82 PARTY No. 1195 DATE 12 Day APRIL Mo. 1975 Yr. BOOK No. _____
 SURVEYOR T. SHERILL RODMAN P. PAGE WEATHER: WDRY 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													35.7			
2	N	2640	✓						+6.3	✓	+16.3	✓	42.0	Δ	5667	
3		1320	✓						4.4		-4.4				68	
4		0	✓						5.0		-5.0			π	69	
5	S	1320	✓						5.9		-5.9				70	
6		2640	✓						5.6	✓	-5.6	✓	36.4	○	71	
7	N	1815	✓						9.4	✓	+9.4	✓	45.8	Δ		
8		495	✓						7.2		-7.2				72	
9		0	✓						5.0		-5.0			π	72 + 495	
10	S	825	✓						4.2		-4.2				73	
11		2145	80° 50' 40"						14.0	✓	+5.8	✓	-8.2	○	74	
12	N	2640	✓						6.2	✓	+6.2	✓	43.8	Δ		
13		1320	✓						4.2		-4.2				75	
14		0	✓						5.0		-5.0			π	76	
15	S	1320	✓						5.6		-5.6				77	
16		1600	✓						1.0	✓	-1.0	✓	42.8	○	77 + 280	
17	N	2360	✓						T +4.8'	-11.8'	(-)	✓	-7.0	Δ	78	
18		1320	✓						5.8		-5.8				78	
19		0	✓						5.0		-5.0			π	79	
20	S	1320	✓						5.6		-5.6				80	

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 8
 LINE No.(s) 75-52 PARTY No. 1195 DATE 13 Day APRIL Mo. 1975 Yr. BOOK No. _____
 SURVEYOR T. SHERRILL RODMAN P. PINE WEATHER: WINDY - SNOW REMAINS 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												35.0				
2	S	2640	✓								8.8	-8.8	27.0	0	8A81	25
3	N	2145	✓								7.3	+7.3	34.3	Δ		
4		825	✓								8.2	-8.2			82	
5		0	✓								5.0	-5.0		π	82+825	
6	S	495	✓								4.9	-4.9			83	
7		1815	✓								7.8	-7.8			84	
8		3140	✓								T 5.8	+5.7		0	84+325	✓
9	N	2800	✓								T 9.8	-14.0		Δ		
10		1815	✓									-9.9				
11		495	✓	91° 00' 00"								-9.9			85	
12		0	✓									-12.7			86	
13		825	✓								5.0	-5.0		π	86+495	
14		2145	✓								11.4	-11.4			87	
15			✓								10.2	-10.2			88	
16			✓								12.8	-12.8	27.2	0	SHT LINE 57/52 Topnel = 30'-85'	
17																
18																
19																
20																

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L. D. [Signature]

STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 9
 LINE No.(s) 75-52 PARTY No. 1795 DATE 17 Day APRIL Mo. 1975 Yr. BOOK No. _____
 SURVEYOR T. SHERMAN RODMAN T. CORCORAN 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.			
1															
2	N	2920	✓			B	7.2	+14.6		+18.8	30.4		Δ	1271	52/57
3		3000	✓			B	1.4	+15.0		-16.4			Δ	S.P. 151	LINES 57 ← (29:592)
4		2145	✓			B	6.8	-10.7		-17.5				S.P. 83	LINES 52
5		825	✓			B	12.1	-4.1		-16.2				S.P. 40	
6		0	✓						5.0	-5.0			π	90+	
7	S	495	✓	90° 36' 40"					14.0	-22.2				91	
8		1815	✓			B	9.2	-9.1		-18.3				92	
9		3135	✓			B	3.6	-15.6		-19.2		11.2	⊙	93	
10	N	2640	✓						6.3	+6.3	17.5		Δ		
11		1320	✓						5.8	-5.8				94	
12		0	✓						5.0	-5.0			π	95	
13	S	1320	✓						4.8	-4.8				96	
14		2640	✓						3.8	-3.8		13.7	⊙	97	
15	N	2475	✓						10.5	+10.5	24.2		Δ		
16		1155	✓						12.7	-12.7				98	
17		0	✓						5.0	-5.0			π	98+1.55	
18	S	165	✓						11.4	-11.4			π	99	
19		1485	✓						9.8	-9.8				100	
20		2805	✓						11.6	-11.6		12.6	⊙	101	

See page 13 Line # 57 for Elev. REMARKS

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 10
 LINE No.(s) 75-52 PARTY No. 1195 DATE 17 Day APRIL Mo. 1975 Yr. BOOK No. _____
 SURVEYOR T. SHERRILL RODMAN CORCORAN 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.			
1											12.6				
2	N	2640	✓					8.2	+8.2	20.8		Δ	5A101		
3		1320	✓					5.0	-5.0			π	102		
4		0	✓					5.0	-5.0			π	103		
5	S	1320	✓					7.6	-7.6			π	104		
6		2640	✓					8.1	-8.1		12.7	⊙	105		
7	N	2640		89° 53' 01"				10.0	-5.4	+4.6	17.3	Δ			
8		1320	✓					1.0	-1.0			π	106		
9		0	✓					5.0	-5.0			π	107		
10	S	1320	✓					7.2	-7.2			π	108		
11		2640	✓					10.5	-10.5		6.8	⊙	109		
12	N	2640	✓					7.2	+7.2	14.0		Δ			
13		1320	✓					7.1	-7.1			π	110		
14		0	✓					5.0	-5.0			π	111		
15	S	1320	✓					2.0	-2.0			π	112		
16		2640		89° 57' 14"	(89° 57' 14")			4.0	+2.1	-1.9	12.1	⊙	113		
17	N	2640	✓					7.0	+7.0	19.1		Δ			
18		1320	✓					5.6	-5.6			π	114		
19		0	✓					5.0	-5.0			π	115		
20	S	1320	✓					2.2	-2.2			π	116		

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 11
 LINE No.(s) 75-52 PARTY No. 1195 DATE 17 Day APRIL Mo. 1975 Yr. BOOK No. _____
 SURVEYOR T. SHEPHERD RODMAN T. CORCORAN 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												19.1				
2	S	2640	✓					4.8		-4.8		14.3		○	SP.117	
3	N	2640	✓					14.3		+14.3	28.6			△		
4		1320	✓					13.2		-13.2					118	
5		0	✓					5.0		-5.0				✕	119	
6	S	1320	✓					5.4		-5.4					120	
7		2640	✓					7.1		-7.1		21.5		○	121	
8	N	2145	✓					13.5		+13.5	35.0			△		
9		825	✓					8.1		-8.1					122	
10		0	✓					5.0		-5.0				✕	122+825	
11	S	495	✓					3.4		-3.4					123	
12		1815	✓	88° 55' 38"				1.0		+33.0					124	
13	2310	2145	✓	88° 53' 40"				13.0	+44.6	+32.6		67.6		○	124+495	
14	N	2970				B	6.9	+14.8		+21.7	89.3			△		
15		2145	✓	90° 39' 30"				14.0		-38.6					125	
16		825	✓			B	14.0	-4.1		-18.1					126	
17		0	✓					5.0		-5.0				✕	126+825	
18	S	495	✓					11.1		-11.1					127	
19		1815	✓	90° 36' 43"				14.0		-33.4					128	
20		3135	✓	90° 21' 33"				14.0	-19.7	-33.7		55.6		○	129	

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 12
 LINE No.(s) 75-52 PARTY No. 1195 DATE 17 Day APRIL Mo. 1975 Yr. BOOK No. _____
 SURVEYOR T. SHERBILL RODMAN T. CORCORAN WEATHER: CLEAR P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2	N	2640	90°30'24"					14.0	+23.3	+37.3	92.9		Δ	S.A.129		
3		1320	90°36'03"					14.0		+27.8				130		
4		0	✓					5.0		-5.0			π	131		
5	S	1320	✓			B	13.4	-6.6		-20.0				132		
6		2640	✓					14.3		-14.3		78.6	⊙	133		
7	N	2640	90°22'23"					14.0	+17.2	+31.2	109.8		Δ			
8		1320	✓			B	10.5	-6.6		-17.1				134		
9		0	✓					5.0		-5.0			π	135		
10	S	1320	✓			B	13.8	-6.6		-20.4				136		
11		2640	90°23'19"					14.0	-17.9	-31.9		77.9	⊙	137		
12	N	2640	89°15'12"					14.0	-34.4	-20.4	57.5		Δ			
13		1320	89°20'15"					2.0		+13.3				138		
14		0	✓					5.0		-5.0			π	139		
15	S	1320	✓					4.4		-4.4				140		
16		2640	✓			T	6.3	+13.2	-6.9	+6.9		64.4	⊙	141		
17	N	2640	✓					10.5		+10.5	74.9		Δ			
18		1320	✓					7.8		-7.8				142		
19		0	✓					5.0		-5.0			π	143		
20	S	1320	✓			T	1.5	+6.6		+5.1				144		

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 13
 LINE No.(s) 75-82 PARTY No. 1195 DATE 18 Day APR Mo. 1975 Yr. BOOK No. _____
 SURVEYOR T. SHERNILL RODMAN R. IPPISCH WEATHER: CLIM 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												74.9				
2	S	2640	89°	19'50"				2.0	+30.8	+28.8			103.7	⊙	SP145	
3	N	3960	89°	29'54"				7.0	-34.7	-27.7	76.0			Δ		
4		2640	89°	31'28"				3.0		+18.9					146	
5		1320	✓					5.4		-5.4					147	
6		0	✓					5.0		-5.0				π	148	
7	S	1320	✓					7.0		-7.0					149	
8		2640	✓					7.0		-7.0					150	
9		3960	✓					7.3		-7.3		68.7		⊙	151	
10	N	2640	✓			B	+2.6	+13.2		+15.8	84.5			Δ		
11		1320	✓			B	8.4	+6.6		-15.0					152	
12		0	✓					5.0		-5.0				π	153	
13	S	1320	89°	13'53"	(89°13'53")			6.0	+17.7	+11.7		96.2		⊙	154	
14	N	1320	✓					10.8		+10.8	107.0			Δ		
15		0	✓					5.0		-5.0				π	155	
16	S	1320	✓			B	9.3	-6.6		-15.9				π	156	
17		2640	✓			B	2.3	-13.2		-15.5		91.5		⊙	157	
18	N	2640	✓					9.7		+9.7	101.2			Δ		
19		1320	✓					2.5		-2.5					158	
20		0	✓					5.0		-5.0				π	159	

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 14
 LINE No.(s) 75-52 PARTY No. 1195 DATE 18 Day APRIL Mo. 1975 Yr. BOOK No. _____
 SURVEYOR T. SHERRILL RODMAN R. IPPISCH WEATHER: CLEAR P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		▲B.S. OF.S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												101.2				
2	S	1320	✓						11.8		-11.8				SP160	
3		2640	✓						6.9		-6.9	94.3		⊙	SP161	
4	N	2640	✓				T	7.4	-13.2		-5.8	88.5		Δ		
5		1320	✓						6.8		-6.8				162	
6		0	✓						5.0		-5.0			π	163	
7	S	1320	✓						5.0		-5.0			π	164	
8		2640	✓						5.9		-5.9	82.6		⊙	165	
9	N	2640	✓						5.6		+5.6	88.2		Δ		
10		1320	✓						5.5		-5.5				166	
11		0	✓						5.0		-5.0			π	167	
12	S	1320	✓	89° 24' 50"					2.0		+11.5				168	
13		2640	✓	89° 23' 55"					11.0	+27.7	+16.7	104.9		⊙	169	
14	N	2640	✓	90° 02' 15"					14.0	+1.7	+15.7	120.6		Δ		
15		1320	✓						7.9		-7.9				170	
16		0	✓						5.0		-5.0			π	171	
17	S	1320	✓						9.1		-9.1	111.5		⊙	172	(See line 30X notes)
18	N	1320	✓	89° 27' 32"					2.0	-12.5	-10.5	101.0		Δ		
19		0	✓						5.0		-5.0			π	173	
20	S	1320	✓						5.8		-5.8			π	174	(See line 30X notes)

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 15
 LINE No.(s) 75-52 PARTY No. 1195 DATE 18 APRIL Day Mo. 1978 Yr. BOOK No. _____
 SURVEYOR T. SHERRILL RODMAN R. IPPISCH WEATHER: CLEAR P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		B.S. OF.S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												101.0				
2	S	2640	✓			T	5.6	+13.2	7.6		+7.6		108.6	⊙	SP 175	
3	N	2640	✓	89° 31' 31"					5.0	-21.9	-16.9	91.7		Δ		
4		1320	✓	89° 35' 55" (89° 35' 55")					1.0		+8.2				176	
5		0	✓						5.0		-5.0			π	177	
6	S	1320	✓			T	4.5	+6.6			+2.1				178	
7		2640	✓			T	10.4	+13.2	7.9		+2.8		94.5	⊙	179	
8	N	2640	✓			T	12.6	-13.2	-0.6		-0.6	93.9		Δ		
9		1320	✓						1.3		-1.3				180	
10		0	✓						5.0		-5.0			π	181	
11	S	1320	✓						5.6		-5.6				182	
12		2640	✓						4.1		-4.1		89.8	⊙	183	
13	N	2640	✓						7.8		+7.8	97.6		Δ		
14		1320	✓						9.6		-9.6				184	
15		0	✓						5.0		-5.0			π	185	
16	S	1320	✓			T	3.0	+6.6			+3.6				186	
17		2640	✓			T	14.3	+13.2	11.1		-1.1		96.5	⊙	187	
18	N	2145	✓	90° 19' 34"					11.0	+12.2	+26.2	122.7		Δ		
19		825	✓						10.5		-10.5				188	
20		0	✓						5.0		-5.0			π	189 + 305	

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STADIA SURVEY NOTES

AREA N.P.A. - 4 STATE or PROVINCE ALASKA PAGE No. 16
 LINE No.(s) 7552 PARTY No. 1195 DATE 18 Day APRIL Mo. 1975 Yr. BOOK No. _____
 SURVEYOR J. SHERRILL RODMAN R. IPPISCH WEATHER: CLEAR P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		▲B.S. ○F.S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												122.7				
2	S	425	✓					9.4		-9.4					S.A. 189	
3		1815	✓				B	10.8	-9.1	-19.9		102.8		○	190	
4	N	2640	✓					9.0		+9.0		111.8		Δ		
5		1320	✓					3.7		-3.7					191	
6		0	✓					5.0		-5.0				π	192	
7	S	1320	✓	89° 26' 35"				2.0		+7.0					193	
8		2640	✓	89° 35' 58"				12.0	+18.5	+6.5		118.3		○	194	
9	N	2640	✓				T	+12.2	-13.2	-1.0		117.3		Δ		
10		1320	✓					12.5		-12.5					195	
11		0	✓					5.0		-5.0				π	196	
12	S	1320	✓					11.0		-11.0		106.3		○	197	
13	N	1320	✓	89° 29' 47"				7.0	-11.6	-10.6		95.7		Δ		
14		0	✓					5.0		-5.0				π	198	
15	S	1320	✓					5.3		-5.3					199	
16		2640	✓	89° 40' 14"				7.0	+15.2	+8.2		103.9		○	200	
17	N	2640	✓				T	+5.7	-13.2	-7.5		96.4		Δ		
18		1320	✓					5.8		-5.8					201	
19		0	✓					5.0		-5.0				π	202	
20	S	1320	✓	89° 35' 06"				1.0	+9.6	+8.6		105.0		○	203	

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STADIA SURVEY NOTES

AREA N.P.R.-4 STATE or PROVINCE ALASKA PAGE No. 17
 LINE No.(s) 75-52 PARTY No. 1195 DATE 18 Day MAR Mo. 1975 Yr. BOOK No. _____
 SURVEYOR T. SHERRILL RODMAN R. IPPISCH WEATHER: CLEAR P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		B.S. OF.S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion			Center Hair	INST.			
1											105.0				
2	N	1320	✓			T 8.6	-6.6		-4.0	+2.0	107.0	Δ	5A203		
3		0	✓					5.0		-5.0		π	204		
4	S	1320	✓					3.8		-3.8			205		
5		2640	✓					11.6		-11.6	95.4	○	206		
6	N	2640		89° 55' 04"				13.0	-3.8	+9.2	104.6	Δ			
7		1320	✓			T 7.7	+6.6			-1.1			207		
8		0	✓					5.0		-5.0		π	208		
9	S	1320	✓					14.8		-14.8			209		
10		2640	✓					14.4		-14.4	90.2	○	210		
11	N	2640	✓					14.8		+14.8	105.0	Δ			
12		1320	✓					5.4		-5.4			211		
13		0	✓					5.0		-5.0		π	212		
14	S	1320	✓					6.8		-6.8			213		
15		2640	✓					5.2		-5.2	99.7	○	214		
16	N	2640	✓			T 7.6	+13.2			+1.4	101.1	Δ			
17		1320	✓			T 8.2	+6.6			-1.6			215		
18		0	✓					5.0		-5.0		π	216		
19	S	1320	✓					10.3		-10.3			217		
20		2640	✓					4.2		-4.2	96.9	○	218		

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STADIA SURVEY NOTES

AREA N.P.M. - 4 STATE or PROVINCE ALABAMA PAGE No. 18
 LINE No.(s) 2552 PARTY No. 1195 DATE 19 Day April Mo. 1925 Yr. BOOK No. _____
 SURVEYOR T. SHERMAN RODMAN R. IPPISCH WEATHER: CLEAR P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF.S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												96.9				
2	N	2640	✓					9.51		+9.5 ✓	106.4		Δ	SP 218		
3		1320	✓					13.1		-13.1				219		
4		1090	✓					9.4		-9.4				INT 52/52	95.2	
5		1100	✓					10.11		-10.11				S.P. 5A - LINE 5B		
6		0	✓					5.0		-5.0			π	SP 220		
7	S	1320	✓					10.2		-10.2				221		
8		2640	✓					11.0		-11.0 ✓		95.4	0	222		
9	N	2640	✓					11.2		+11.2 ✓	106.62		Δ			
10		1320	✓					12.8		-12.8				223		
11		0	✓					5.0		-5.0				224		
12	S	1320	✓					T 4.7	+6.6	+1.9				225		
13		2640	✓					T 11.8	+13.21	+1.8		108.4	0	226		
14	N	2640	✓					B 4.5	+13.21	+17.7	126.1		Δ			
15		1320	✓					11.1		-11.1				227		
16		0	✓					5.0		-5.0				228		
17	S	1320	✓					T 8.4	+6.6	-1.8				229		
18		2640		89° 53' 16"				10.0		+5.2	-4.8	121.3	0	230		
19	N	2640		89° 55' 35"				13.0		-3.1	+1.9	123.2	Δ			
20		1320	✓					3.6		-3.6				231		

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STADIA SURVEY NOTES

AREA M.P.A. - 4 STATE or PROVINCE ALASKA PAGE No. 19
 LINE No.(s) 75-52 PARTY No. 1195 DATE 19 Day APRIL Mo. 1915 Yr. BOOK No. _____
 SURVEYOR T. SHERMILL RODMAN R. P. PISCH 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	Correction	Center Hair			INST.	ROD			
1												123.2				
2		0	✓						5.0		-5.0			π	5.1232	
3	S S	1320	✓	89° 51' 22"					12.0	+3.3	-8.7	114.5		0	233	
4	N	1320	✓				T	7.0	-6.6		+0.4	114.9		Δ		
5		0	✓						5.0		-5.0			π	234	
6	S	1320	✓						7.2		-7.2				235	
7		2640	✓						3.4		-3.4	111.5		0	236	
8	N	2640	✓						9.0		+9.0	120.5		Δ		
9		1320	✓						11.5		-11.5				237	
10		0	✓						5.0		-5.0			π	238	
11	S	1320	✓				T	7.1	+6.6		-0.5				239	
12		2640	✓	89° 50' 21"					10.0	+7.4	-2.6	117.9		0	240	
13	N	2640	✓						11.4		+11.4	129.3		Δ		
14		1320	✓						11.6		-11.6				241	
15		0	✓						5.0		-5.0			π	242	
16	S	1320	✓						6.8		-6.8				243	
17		2640	✓						10.0		-10.0	119.3		0	244	
18	N	2640	✓				B	7.7	+13.2		+20.9	140.2		Δ		
19		1320	✓				B	13.8	-6.6		-20.4				245	
20		0	✓						5.0		-5.0			π	246	

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 20
 LINE No.(s) 75-52 PARTY No. 1195 DATE 19 Day APRIL Mo. 1975 Yr. BOOK No. _____
 SURVEYOR T. SHERILL RODMAN R. IPPISCH WEATHER: CLEAR P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		B.S. OF.S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												146.2				
2	S	1320	✓			T	6.5	+6.6			+0.1				5 P 27	
3		2640	✓			T	8.1	+13.2		2	+5.1		145.3	0	248	
4	N	2640	✓						7.0		+7.0	152.3		Δ		
5		1320	✓						10.3		-10.3				249	
6		0	✓						5.0		-5.0			π	250	
7	S	1320	✓			T	7.3	+6.6			-0.7				251	
8		2640	✓			T	14.6	+13.2	41.4		-1.4		150.9	0	252	
9	N	2640	✓			T	7.8	-13.2	-11.4		-11.4	139.5		Δ		
10		1320	✓			T	6.5	+6.6			+0.1				253	
11		0	✓						5.0		-5.0			π	254	
12	S	1320	✓						6.4		-6.4				255	
13		2640	✓						6.0		-6.0		133.5	0	256	
14	N	2640	✓						3.9		+3.9	137.4		Δ		
15		1320	✓						5.8		-5.8				257	
16		0	✓						5.0		-5.0			π	258	
17	S	1320	✓	89° 34' 22"					8.0	+9.8	+1.8		139.2	0	259	
18	N	1320	✓	89° 38' 05"					10.1	-8.4	-5.4	133.8		Δ		
19		0	✓						5.0		-5.0			π	260	
20	S	1320	✓						5.4		-5.4				261	

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 21
 LINE No.(s) 75-52 PARTY No. 1195 DATE 20 Day APRIL Mo. 1975 Yr. BOOK No. _____
 SURVEYOR T. SHERKILL RODMAN R. IPPUSCH WEATHER: CLDY 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												133.8				
2	S	2640	✓			T	7.4	+13.2		→	+5.8	139.6	⊙	SP262		
3	N	2640	✓						6.2		+6.2	145.8	Δ			
4		1320	✓						6.0		-6.0			263		
5		0	✓						5.0		-5.0		π	264		
6	S	1320	✓						5.0		-5.0			265		
7		2640	✓			T	12.0	+13.2		→	+1.2	149.0	⊙	266		
8	N	2640	✓			B	26	+13.2		→	+16.8	163.8	Δ			
9		1320	✓						14.9		-14.9			267		
10		0	✓						5.0		-5.0		π	268		
11	S	1320	✓						8.4		-4.4			269		
12		2640	89°38'02"	✓					2.0	+16.9	+14.9	178.7	⊙	270		
13	N	2640	✓			B	5.9	+13.2		→	+19.1	197.6	Δ			
14		1320	✓						10.4		-10.4			271		
15		0	✓						5.0		-5.0		π	272		
16	S	1320	90°23'32"	✓					14.0		-23.0			273		
17		2640	✓			B	11.7	-13.2		→	-24.9	172.9	⊙	274		
18	N	2640	✓			B	5.4	+13.2		→	+18.6	191.5	Δ			
19		1320	✓						14.8		-14.8			275		
20		0	✓						5.0		-5.0		π	276		

TI-588B

WORKED BY _____

CHECKED BY 1st _____

2nd _____

STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 22
 LINE No.(s) 75-52 PARTY No. 1195 DATE 20 Day APRIL Mo. 1975 Yr. BOOK No. _____
 SURVEYOR T. SHERRILL RODMAN R. IPPISCH WEATHER: CLEAR P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		▲B.S. OF.S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												191.5				
2	S	1320	✓			T	6.6	+6.6			-0.0	191.5	⊙	51.277		
3	N	1320	✓			T	3.4	-6.6			-3.2	188.3	Δ			
4		0	✓						5.0		-5.0		κ	278		
5	S	1320	✓	89° 36' 28"					7.0		+2.0			279		
6		2640	✓	89° 33' 06"					6.0	+20.7	+14.7	203.0	⊙	280		
7	N	2640	✓						12.0		+12.0	215.0	Δ			
8		1320	✓						11.7		-11.7			281		
9		0	✓						5.0		-5.0		κ	282		
10	S	1320	✓						7.4		-7.4			283		
11		2640	✓						6.7		-6.7	208.3	⊙	284		WORKED BACKWARDS
12	N	2640	✓						7.4		+7.4	215.7	Δ			
13		1320	✓						6.4		-6.4			285		
14		0	✓						5.0		-5.0		κ	286		
15	S	560	✓						5.3		-5.3			INT SV/L		
16		560	✓						6.0		-6.0	209.7		S.P. 10-59		
17		1320	✓						4.6		-4.6			287		
18		2640	✓	89° 40' 00"					2.0		+13.4			288		REFER
19	(3135)	385	✓	89° 18' 36"					2.0		+35.8		⊙	288+495		P. 1 L-2 LINE 59
20	N	495	✓				T	3.8	-2.5		+1.3		Δ			

TI-588B

WORKED BY _____

CHECKED BY 1st L. Dub

2nd _____

STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 23
 LINE No.(s) 75-52 PARTY No. 1195 DATE 20 Day APRIL Mo. 1975 Yr. BOOK No. _____
 SURVEYOR T. SHERILL RODMAN R. ADISCH WEATHER: CLEAR P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		ΔB.S. OF.S. - S.S.	Station	REMARKS	
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD				
1		0	✓						5.0		-5.0						
2	S	1320	90°	25' 45"					14.0		-23.9						T.S. 1
3		2640	✓			B	14.4	-13.2			-27.6						T.S. 2
4	N	1320	✓			B	14.8	+6.6			+21.4						
5		A	✓						5.0		-5.0						T.S. 3
6	S	1320	90°	24' 18"					14.0		-23.3						T.S. 4
7		2640	✓			B	14.3	-13.2			-20.1						T.S. 5
8		3960	✓			B	11.0	-19.8			-30.8						T.S. 6
9																	E.O.L.
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	

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WORKED BY _____ CHECKED BY 1st _____ 2nd _____