

STADIA SURVEY NOTES

AREA SOUTH BARROW STATE OR PROVINCE ALASKA PAGE No. 15
 LINE No.(s) U PARTY No. 195 DATE 18 Day MAR Mo. 1974 Yr. BOOK No. 3
 SURVEYOR T. SHERILL RODMAN T. CRAVENS WEATHER: CLEAR P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Center Hair	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				INST.	ROD			
1																
2	N	2240	✓					8.4		+8.4	18.8	10.4				REFER L-17 P-10
3		1760	✓					7.2		-7.2		11.6				D INT. LINE ± 1/4
4		880	✓					6.1		-6.1		12.7				S.P. 25
5		0	✓					5.0		-5.0		13.8				S.P. 26
6	S	880	✓					3.6		-3.6		5.2		π		S.P. 27
7		1760	✓					2.5		-2.5		16.3				S.P. 28 15.2
8		2640	✓					1.3		-1.3		17.5		0		S.P. 29
9	N	2640	✓					2.4		+2.4	19.9			Δ		S.P. 30
10		1760	✓					3.3		-3.3		16.6				S.P. 31
11		880	✓					4.2		-4.2		15.7				S.P. 32
12		0	✓					5.0		-5.0		14.9		π		S.P. 33
13	S	880	✓					4.7		-4.7		15.2				S.P. 34
14		1760	✓					4.3		-4.3		15.6				S.P. 35
15		2640	✓					4.0		-4.0		15.9		0		S.P. 36
16	N	2640	✓					7.0		+7.0	22.9			Δ		S.P. 37
17		1760	✓					6.3		-6.3		16.6				S.P. 38
18		880	✓					5.6		-5.6		17.3				S.P. 39
19		0	✓					5.0		-5.0		17.9		π		S.P. 40
20		880	✓					4.0		-4.0		18.9				S.P. 40

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STADIA SURVEY NOTES

AREA SOUTH BARROW STATE or PROVINCE ALASKA PAGE No. 16
 LINE No.(s) U PARTY No. 195 DATE 18 Day MAR Mo. 1974 Yr. BOOK No. 3
 SURVEYOR T. SHERRILL RODMAN F. CRAVENS WEATHER: CLEAR P.T.S. No.

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Center Hair	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				INST.	ROD			
1											22.9					
2	S	1760	✓			T	4.6	+8.8		+4.2		27.1		S.A.41		
3		2640	✓			T	9.0	+13.2		+4.2		27.1	⊙	S.P.42		
4	N	2640		89°50'00"	0.29				9.8	-7.7	+2.1	29.2	Δ			
5		1760	✓			T	10.0	+8.8		-1.2		28.0		S.A.43		
6		880	✓			T	4.1	+4.4		+0.3		29.5		S.A.44		
7		0	✓						5.0	-5.0		24.2	×	S.P.45		
8	S	880	✓						6.4	-6.4		22.8		S.P.46		
9		2980	✓						8.0	-8.0		21.2	⊙	LAKE	REFER L-14 P-27	
10																
11																
12																
13												10.4		(REFER L-17 P.10)		
14	S	2150	✓						8.7	+8.7	19.1		Δ	INT. LINE S.F.U.		
15		1760	✓						12.2	-12.2		6.9		S.P.47		
16		880	✓						7.8	-7.8		11.3		S.P.23		
17		0	✓						5.0	-5.0		14.1	×	S.P.22		
18	N	880	✓						5.6	-5.6		13.5		S.P.21		
19		1760	✓						6.8	-6.8		12.3		S.P.20		
20		2640	✓						7.3	-7.3		11.8	⊙	S.P.19		

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STADIA SURVEY NOTES

AREA SOUTH BARROW STATE OR PROVINCE ALASKA PAGE No. 17
 LINE No.(s) U PARTY No. 195 DATE 18 Day MAR Mo. 1974 Yr. BOOK No. 3
 SURVEYOR T. SHERRILL RODMAN T. CRAVENS WEATHER: CLEAR P.T.S. No.

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		ABS. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion				INST.	ROD			
1																
2	S	2640	✓					4.4		+4.4	16.2	11.8	Δ	S.P.19		
3		1760	✓					4.6		-4.6		11.6		S.P.18		
4		880	✓					4.8		-4.8		11.4		S.P.17		
5		0	✓					5.0		-5.0		11.2	π	S.P.16	(S.P. 4-V)	
6	N	880	✓					7.1		-7.1		9.1		S.P.15		
7		1760	✓					9.1		-9.1		7.1		S.P.14		
8		2640	✓					11.1		-11.1		5.1	⊙	S.P.13		
9	S	2640	✓					7.6		+7.6	12.7		Δ			
10		1760	✓					6.3		-6.3		6.4		S.P.12		
11		880	✓					5.7		-5.7		7.0		S.P.11		
12		0	✓					5.0		-5.0		7.7	π	S.P.10		
13	N	880	✓					4.5		-4.5		8.2		S.P.9		
14		1760	✓					5.0		-5.0		7.7		S.P.8		
15		2640	✓					8.0		-8.0		4.7	⊙	S.P.7		
16	S	2640	✓					8.1		+8.1	12.8		Δ			
17		1760	✓					7.2		-7.2		5.6		S.P.6		
18		880	✓					5.8		-5.8		7.0		S.P.5		
19		0	✓					5.0		-5.0		7.8	π	S.P.4		
20	N	880						4.1		-4.1		8.7	#	S.P.3		

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STADIA SURVEY NOTES

AREA SOUTH BARROW STATE or PROVINCE ALASKA PAGE No. 18
 LINE No.(s) 4 PARTY No. 195 DATE 18 Day MAR Mo. 1974 Yr. BOOK No. 3
 SURVEYOR T. SHERILL RODMAN T. CLAVENS 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											12.8				
2	N	1760	✓					5.2	-5.2	7.6			S.P.2		
3	N	2640	✓					5.8	-5.8	7.0			S.P.1		
4	NW	2000	✓					10.8	-10.8	2.0			ELSON LAGOON		
5										1.0			SEA LEVEL (CALCULATED)		
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															

+ 1.0 MISTIE

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STADIA SURVEY NOTES

AREA SOUTH BARROW STATE OR PROVINCE ALASKA PAGE No. 27
 LINE No.(s) U-RERUN PARTY No. 195 DATE 19 Day MAR Mo. 1974 Yr. BOOK No. 3
 SURVEYOR T. SHERILL RODMAN TICRAVENS 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												10.4				REFER L-17 P-10
2	N	2240	✓						8.4	+8.4	18.8			Δ		INT. H.S.
3		0	✓						5.0	-5.0		13.8		π		S.P.27
4	S	2640	✓						2.8	-2.8		16.0		○		S.P.30
5	N	2640	✓						4.6	+4.6	20.6			Δ		
6		0	✓						5.0	-5.0		15.6		π		S.P.33
7	S	2640	✓						5.2	-5.2		15.4		○		S.P.36
8	N	2640	✓						7.6	+7.6	23.0			Δ		
9		0	✓						5.0	-5.0		18.0		π		S.P.39
10	S	2640	✓				T	10.0	+13.2	+3.2		26.2		π		S.P.42
11	N	2640	✓						2.9	+2.9	29.1			Δ		
12		0	✓						5.0	-5.0		24.1		π		S.P.45
13	S	880	✓						7.1	-7.1		22.0				S.P.46
14	SW	1500	✓						8.2	-8.2		20.9		○		LAKE
15												21.2				REFER L-9 P-16.
16																
17																
18																
19																
20																

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THIS LINE RERUN DUE TO ERRORS IN LAKE ELEVATION SHOWN ON TOPO MAP. -0.3 MISTAKE