

STADIA SURVEY NOTES

AREA Barrow STATE or PROVINCE Alaska PAGE No. 30
 LINE No.(s) J PARTY No. 195 DATE 13 Day 5 Mo. 22 Yr. BOOK No. 1
 SURVEYOR Fyrd RODMAN Myers WEATHER: Wind - mild 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																
3		2585	90	03	+0.09				+2.0	+2.3	+4.3	30.3	26.0	A		Tail spread South
4		1760	90	49	-1.43				-4.0	-25.2	-29.2		1.1		45	
5		880	91	22	-2.38				-4.0	-20.9	-24.9		5.4		44	Walkpa Bay
6		00	✓		-				-5.2		-5.2		25.1		43	
7	S	880	89	59	+0.03				-4.0	+0.3	-3.7		26.6		42	
8	↑	1760	89	59	+0.03				-4.0	+0.5	-3.5		26.8		41	
9		2640	89	57	+0.07				-4.0	+1.8	-2.2		28.1	⊙	40	
10		880	90	22	-0.64				+4.0	+5.6	+9.6	32.7		A		
11		00	✓		-				-5.2		-5.2		32.5		39	
12		880	90	24	-0.70				-4.0	-6.2	-10.2		27.5		38	
13	↓	1760	90	12	-0.35				-4.0	-6.2	-10.2		27.5		37	
14	N	2640	90	07	00	-0.21			-4.0	-5.5	-9.5		28.2	⊙	36	
15		3526	89	59	00	+0.03			+4.0	-1.1	-2.9	25.3		A		
16		2640	89	58	+0.06				-4.0	+1.6	-2.4		22.9		35	
17		1760	90	10	-0.29				-4.0	-5.1	-9.1		16.2		34	
18		880	90	46	-1.34				-4.0	-11.8	-15.8		9.5		33	
19		00	✓		-				-5.2		-5.2		20.1		32	
20		880	89	59	+0.03				+4.0	+0.3	-3.7		21.6		31	

WORKED BY

BB

CHECKED BY 1st

2nd

A

STADIA SURVEY NOTES

AREA Barrow STATE or PROVINCE Alaska PAGE No. 31
 LINE No.(s) J PARTY No. 195 DATE 13 Day 5 Mo 22 Yr. BOOK No. 1
 SURVEYOR Byrd RODMAN Byers WEATHER: SNOW - WIND 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												23.3					
2		1760	89	59	+0.03				-4.0	+0.5	-3.5		21.8		30		
3		2640	✓		-				-4.0		-4.0		21.3	0	29		
4		1760	90	04 20	+0.13				4.0	+2.3	+6.3	27.6		A		✓	
5		880	90	05	-0.15				-4.0	-1.3	-5.3		22.3		28	SP 43 common	
6		00	✓		-				-5.2		-5.2		22.4		27	Lines J & I cross	
7		880	90	08 00	+0.23				-4.0	-2.0	-6.0		21.6		SP 42	LINE I	
8		880	90	07 00	+0.21				-4.0	-1.8	-5.8		21.8		SP 41	LINE I	
9																Ref Page 19	
10																	STARTING ELEV
11																	for Line J.
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	

WORKED BY BB CHECKED BY 1st _____ 2nd A

STADIA SURVEY NOTES

AREA Burrow STATE or PROVINCE Alaska PAGE No. 32
 LINE No.(s) J PARTY No. 195 DATE 14 Day 5 Mo. 72 Yr. BOOK No. 1
 SURVEYOR Byrd RODMAN Jones WEATHER: Wind & 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	Correc-tion	Center Hair			INST.	ROD		
1															
2	N	1725	98	37 00	-1.08										
3	↑	880	90	13 00	-0.38										
4	↓	00	✓		-										
5	↓	880	89	20	+1.16										
6	S	1760	89	30 00	+0.87										
7		880	90	12 00	-0.35										
8		00	✓		-										
9		880	90	44	-1.28										
10		1760	90	24	-0.70										
11		2640	90	16 00	-0.47										
12		2640	90	02 40	-0.07										
13		1760	90	04	-0.12										
14		880	90	10	-0.29										
15		00	✓		-										
16		880	90	12 40	-0.36										
17		715	90	25 25	-0.74										
18		00	✓		-										
19		165	91	17	-2.24										
20		1845	96	17	-0.50										

Worked Back from SP. 27 page 33 32.6

Tail spread

Lake

WORKED BY

BB

CHECKED BY 1st

2nd

A

STADIA SURVEY NOTES

AREA Barrow STATE or PROVINCE Alaska PAGE No. 33
 LINE No.(s) J PARTY No. 125 DATE 14 Day 5 Mo. 72 Yr. BOOK No. 1
 SURVEYOR Byrd RODMAN Myers WEATHER: 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	Correc-tion	Center Hair			INST.	ROD		
1															
2		192.5	90	14	-0.41				-4.0	-7.9	-11.9		67.9		
3		280.5	90	14	40	-0.42			-4.0	-11.8	-15.8			56.0	3p15
4		1760	89	29	00	+0.90			+4.0	-15.8	-11.8		40.3	52.1	⊙
5		880	89	38	00	+0.64			-4.0	+5.6	+1.6			41.9	Δ
6		00	✓		-				-5.2		-5.2			35.1	17
7		880	90	34	-0.99				-4.0	-8.7	-12.7			35.1	18
8		1760	90	19	-0.55				-4.0	-9.7	-13.7			27.6	19
9		2640	90	13	00	-0.38			-4.0	-10.0	-14.0			26.6	20
10		2640	90	01	40	-0.04			+4.0	+1.1	+5.1		31.4	26.3	⊙
11		1760	90	03	-0.09				-4.0	-1.6	-5.6			25.8	Δ
12		880	90	06	-0.18				-4.0	-1.6	-5.6			25.8	22
13		00	✓		-				-5.2		-5.2			26.2	23
14		880	90	15	-0.44				4.0	-3.9	-7.9			23.5	24
15		1760	90	02	-0.06				-4.0	-1.1	-5.1			26.3	25
16		2640	90	06	20	-0.19			-4.0	-5.0	-9.0			22.4	⊙
17															27 Ref. page
18															-31
19															
20															

WORKED BY B.B. CHECKED BY 1st _____ 2nd P