

STADIA SURVEY NOTES

AREA APR. 4. STATE or PROVINCE ALASKA PAGE No. 1.
 LINE No.(s) 15. PARTY No. 186. DATE 27 Day 3. Mo. 74. Yr. BOOK No. _____
 SURVEYOR C. LYMAN. RODMAN DEWITT. WEATHER: COOL. CLEAR. 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.			
1											32.0	0	#12.		
2															
3		2640		80-05-44	0.17			4.0	4.5	8.5	40.5		A		
4	SW.	660		90-50-42	1.48			4.0	9.8	13.8			#6		
5		0						5.1					#4		
6	NE.	1320		90-07-41	0.23			4.0	7.0	7.0			33.5	15-78	
7		2640						4.6		6.6+	40.3		A		
8		✓		270-10	0.29.			14.7	7.7	7.0 ^{6.8}			CK.		
9	SW.	1320						2.5					37.8.	15-77	
10		0						5.1					35.2	15-71	
11	NE.	1320						7.4					32.9	15-75.	
12		2240		90-10	0.29			14.5	7.7	22.2			18.0	15-74	
13		✓		261-50	0.29			14.7	7.7	22.4 ^{22.3}			CK.		
14		2640						5.1		5.1+	23.3		A		
15		✓		270-10	0.29.			15.2	7.7	5.5 ^{5.3}			CK.		
16	SW.	1320						6.8					16.5	15-73	
17		0						5.1					18.2	15-72	
18	NE.	1320		89-30	0.87.			2.7	17.5	8.8+			32.0	15-71.	
19		✓		270-40	1.16.			6.7	15.3	8.6 ^{8.7}			CK.		
20															

STY WORKER BACK. FROM. SP. 15-73.

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C.J.L.

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2nd

STADIA SURVEY NOTES

AREA NPR. 4. STATE or PROVINCE ALASKA PAGE No. 2.
 LINE No.(s) 15. PARTY No. 186. DATE 27. Day 7. Mo. 74. Yr. BOOK No. _____
 SURVEYOR L. LYMAN. RODMAN DEWITT WEATHER: c.c.p. 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		2310	-									32.0		0	15-71	
3		✓		269-50	0.29							43.9		Δ		
4	SW.	990	-											CK.		
5		0	-									32.4			15-70	
6	NE.	330	-									38.8				
7		1650	-									34.1			15-69	
8		2970	-									29.5			15-68	
9		✓		269-50	0.29.							29.5		0	15-67	
10		2640	-									14.3		CK		
11		✓		269-50	0.29							14.5		Δ		
12	SW.	1320	-									41.0		CK		
13		0	-									11.3				
14	NE.	1320	-									31.4			15-66	
15		✓		269-50	0.29.							35.9			15-65	
16												28.7		0	15-64	
17												12.3				
18												7.2		CK		
19																
20																

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STADIA SURVEY NOTES

AREA NPR. 4. STATE or PROVINCE ALASKA. PAGE No. 3.
 LINE No.(s) 15. PARTY No. 186. DATE 27 Day 3. Mo. 74 Yr. BOOK No. _____
 SURVEYOR C. LYMAN. RODMAN MARTIN. WEATHER: COLD. 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	Correction	Center Hair			INST.	ROD			
1																
2		2640	-									28.7	0	15-64		
3		✓		270-10	0.29							32.3	▲			
4		0											CK.			
5		0														
6	SW.	1320	-													
7		0	-									30.8		15-63.		
8	NE.	1320	-									27.2		15-62		
9		2640		87-50	0.29.							25.5		15-61		
10		✓		270-04	0.12							27.4	0	15-60		
11													CK.			
12																
13																
14																
15																
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA NPR. 4. STATE or PROVINCE ALASKA. PAGE No. 4
 LINE No.(s) 74-15. PARTY No. 186. DATE 26. Day 3. Mo. 74. Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN DEWITT. WEATHER: CLEAR. -10° 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													27.4	0	15-60	
2																
3		1780		-1/2					8.8	9.9	18.7	46.1		Δ		
4		✓		269.50	0.29				18.0	5.7	18.7			CK		
5	SW.	660	-						10.0				36.1		15-59	
6		0	-						5.1				41.0		-	
7	NE.	660	-						8.5				37.6		15-58	
8		1980	-						8.5				37.5	0	15-57	
9		✓		270-10	0.29				14.4	5.7	8.7 ^{6.6}			CK		
10		2640	-						5.3		5.3	42.8		Δ		
11		✓		270-10	0.29				12.1	7.7	5.4			CK		
12	SW.	1320	-						3.8				39.0		15-56	
13		0	-						5.1				37.7		15-55.	
14	NE.	1320	-						10.1				32.7		15-54.	
15		2640	-						11.8		11.8		30.8	0	15-53	
16		✓		269-50	0.29				4.5	7.7	12.2 ^{12.5}			CK		
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA NPR. 4. STATE or PROVINCE ALASKA PAGE No. 5.
 LINE No.(s) 15. PARTY No. 186. DATE 26. Day 3. Mo. 74. Yr. BOOK No. _____
 SURVEYOR L. LITMAN. RODMAN HAVEATT. WEATHER: CLEAR - 10° P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		H.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												30.8	0	15-53.		
2		2140	-						6.0		6.0	36.9	A			
3		✓		270-10	0.29				13.9	7.7	6.2		CK			
4	SW.	1320	-						6.3			30.6		15-52		
5		0	-						5.1			31.8		15-51		
6	N	1870		89-30	0.87				7.7	16.3	17.6	49.4	⊙		TRIG. STA.	
7		✓		270-40	1.16				9.4	21.7	12.3	52.0	CK		SHIELA	
8												- 2.6			U.S. ARMY	
9															BRASS CAP.	
10															1955.	
11																
12	NE.	1320	-						7.2			29.7		15-50		
13		2640	-						8.2		8.2	28.7	0	15-49		
14		✓		270-06	0.17				12.8	4.5	8.3		CK			
15																
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA N.P.R. 4 STATE OR PROVINCE ALASKA PAGE No. 6
 LINE No.(s) 15 PARTY No. 186 DATE 26 Day 3 Mo. 74 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN MARTIN WEATHER: CLEAR 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													28.7	0	15-47	
2		1320		+1/2					+12.1	-6.6	+5.5	34.2		Δ		
3	SW	✓		270-20	0.59				13.2	7.7	+5.5			CK		
4		0	-						5.1				29.1		15-48	
5	NE	1320	-						6.8				27.4		15-47	
6		2640		+1/2					17.7	13.2	0.5		33.8	0	15-46	
7		✓		270-10	0.29				8.0	7.7	0.3 ^{0.3}			CK		
8		1320	-						8.4		8.4	42.3		Δ		
9	SW	✓		270-10	0.29				12.4	7.8	8.5			CK		
10		0	-						5.1				37.2		15-45	
11	NE	1320		-1/2					11.6	6.6	18.2		24.1		15-44	
12		2640		-1/2					8.0	13.2	15.2		27.2	0	15-43	
13		✓		269-50	0.09				7.3	7.7	15.0 ^{15.1}			CK		
14		2640	-						6.0		6.0	33.2		Δ		
15		✓		270-10	0.29				12.6	7.7	5.9			CK		
16	SW	1320	-						4.5				28.7		15-42	
17		0	-						5.1				28.1		15-41	
18	NE	1320	-						2.0		2.0		31.2	0	15-40	
19		✓		270-30	0.87				13.5	11.5	2.0			CK		
20																

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STADIA SURVEY NOTES

AREA N.P.R. 4. STATE or PROVINCE ALASKA PAGE No. 7
 LINE No.(s) 15. PARTY No. 186. DATE 26. Day 3. Mo. 74. Yr. BOOK No. _____
 SURVEYOR L. LYMAN. RODMAN MARTIN. WEATHER: CLEAR. 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.			
1															
2		2640		+1/2				8.9	13.2	4.3	27.1	31.0	0	15-40	
3		✓		270-20	0.58			11.3	15.3	4.0			Δ		
4	SW.	1320		+1/2				4.6	6.6	2.0		29.1		15-39	
5		0	-					5.1				22.0		15-38	
6	NE.	1320	-					8.8				18.3		15-37	
7		2640		+1/2				12.8	13.2	0.4		28.0	0	15-36	
8		✓		270-20	0.58			14.4	15.3	0.9			CK.		
9		2640	-					2.9		2.9	31.0		Δ		
10		✓		270-10	0.27			10.0	7.7	2.3			CK		
11	SW.	1320	-					6.0				25.0		15-35	
12		0	-					5.1				25.9		15-34	
13	NE.	1320	-					7.5				27.5		15-33	
14		2640	-					8.4		8.4		22.6	0	15-32	
15		✓		270-04	0.12			11.5	7.2	8.3			CK		
16															
17															
18															
19															
20															

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STADIA SURVEY NOTES

AREA NPR 4. STATE or PROVINCE ALASKA. PAGE No. 5.
 LINE No.(s) 74-15. PARTY No. 186. DATE 28. Day 3. Mo. 74. Yr. BOOK No. _____
 SURVEYOR L. CYMAN. RODMAN MARTIN. WEATHER: COLD. 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												22.6	0	15-32		
2		2640	-						7.2		7.2		Δ			
3		✓		270-10	0.29.				14.8	7.7	7.1	29.8	CK			
4	SW.	1320	-						6.6			23.2		15-31		
5		0	-						5.3			24.5		15-30		
6	NE.	1320		89.50	0.99.				5.7	3.8	1.9	27.7	0	15-29		
7		✓		270-20	0.58				10.0	7.7	2.3		CK.			
8		2640		4/2					11.7	13.2	1.5	26.4	Δ			
9		✓		270-10	0.29.				6.5	7.7	1.2		CK.			
10	SW.	1320	-						5.4			21.0		15-28		
11		0	-						5.1			21.3		15-27		
12	NE.	1320	-						8.0			18.4		15-26		
13		2640	-						8.2			18.1	0	15-25		
14		✓		270-01	0.03.				9.2	0.8	8.3		CK.			
15		1320	-						4.7		4.7	22.8.	Δ			
16	SW.	✓		270-20	0.58				12.5	7.7	4.8		CK.			
17		0	-						5.1			17.7		15-24		
18	NW.	930		89.30	0.87				4.0	8.1	4.1	26.9	⊕	STA "ARTHUR"		
19		✓		270-20	0.58				1.4	5.4	4.0	27.0	CK	900T. VALUE.		
20												0.1				

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STADIA SURVEY NOTES

AREA NPR. 4. STATE or PROVINCE ALASKA. PAGE No. 9.
 LINE No.(s) 15. PARTY No. 186. DATE 18. Day 3. Mo. 74. Yr. BOOK No. _____
 SURVEYOR L. LYMAN. RODMAN DEWITT. WEATHER: COOL WINDY. 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.			
1											22.8				
2	NE.	1720	-					6.5				16.3		15-22	
3		2640		89-50	0.29			10.8	+7.7	-3.1		19.6	0	15-22	
4		✓		270-12	0.35			12.6	+9.2	-3.4			CK		
5		2640	-					8.1			27.7		Δ		
6		✓		269-54	0.17			2.7	+4.5	+8.2			CK		
7	SW.	1320	-					10.8				16.9		15-21	
8		0	-					5.1				22.6		15-20	
9	NE	1320	-					8.6				19.1		15-19	
10		2140	-					7.4				20.2	0	15-18	
11		✓		269-56	0.12			4.5	-3.2	-7.7			CK		
12		1780	-					2.3				22.5	Δ		
13		✓		270-10	0.29			8.1	-5.7	-2.4			CK		
14	SW.	660	-					5.7				16.8		15-17	
15		0	-					5.1				17.4		-	
16	NE.	660	-					11.9				10.6		15-16	
17		1980	-					11.2				11.3	0	15-15	
18		✓		269-50	0.27			5.6	-5.7	-11.3			CK	74-13- 74-15.	
19															
20															

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STADIA SURVEY NOTES

AREA NPR. 4. STATE or PROVINCE ALASKA. PAGE No. 10.
 LINE No.(s) 15. PARTY No. 186. DATE 28. Day 3. Mo. 74. Yr. BOOK No. _____
 SURVEYOR L. LYMAN. RODMAN HAVERTY. WEATHER: COLD. WINDY. 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													11.3	0	15.15	± 12/15
2																
3		0	-							5.7	5.7	17.0		Δ		
4	SE.	160	-							1.4			15.6		13.52	
5	NW.	160	-							6.4			10.6		13.53	
6																RE: PAGE 8.
7																LINE 74-78.
8	NE.	1320	-							5.8			11.2		15.14	
9		2640	-							6.7	6.7		10.1	0	15.13	
10		✓		270.10	0.29					17.7	7.7			OK		
11		2640	-							3.8	7.0			Δ		
12		✓		270.10	0.29					11.6	7.7	13.9		CK.		
13	SW.	1320	-							6.2			7.7		15.12	
14		0	-							5.1			8.8		15.11	
15	NE	1320	-							4.1			9.8		15.10	
16		2140	-							3.7			10.0	0	15.9	
17		✓		270.10	0.29					11.8	7.7			CK		
18																
19																
20																

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STADIA SURVEY NOTES

AREA N.P.R. 4. STATE or PROVINCE ALASKA. PAGE No. 11.
 LINE No.(s) 15. PARTY No. 186. DATE 28. Day 3. Mo. 74 Yr. BOOK No.
 SURVEYOR L. CYMAN. RODMAN DEWITT. WEATHER: 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.	ROD			
1												10.0	0	15.9.		
2		2640	-									12.4	A			
3		✓		270-10	0.29.					7.7		2.5	CK.			
4	SW.	1720	-									10.4		15.8		
5		0	-									7.2		15.7		
6	NE.	1720	-									2.2		15.6		
7		2640	-									0.9	0	15.5		
8		✓		269-50	0.29.					7.7		13.1- 13.5 ^{13.2}	CK			
9		2640	-									11.0	A			
10		✓		269-50	0.29.					7.7		12.0	CK			
11	SW.	1320	-									1.3		15.4		
12		0	-									5.9		15.3.		
13	NE	1720	-									6.9.	0	15.2		
14		✓		270-20	0.58					7.7		4.2	CK			
15		1720	-									14.3	A			
16	SW.	✓		270-10	0.29.					7.8.		7.5	CK.			
17		0	-									9.2		15.1		
18	NE.	1980		-1/2						7.7		17.0		# 1.	ICE ELV.	
19		3960		90-11.37	0.32					13.1		17.1	0	# 12.	ICE ELV.	
20												2.8				

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