

### STADIA SURVEY NOTES

AREA NPR. 4. STATE or PROVINCE ALASKA PAGE No. 1.  
 LINE No.(s) 74-16. PARTY No. 185 DATE 11 Day 4. Mo. 74. Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LAMAN. RODMAN DEWITT WEATHER: -102 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					<del>TANE - OFF</del>							40.4	0	#12		
2																
3		2320	-								5.6	46.0	Δ			
4	NE	2650	-								5.6			#7.		
5		0	-								5.2	40.8		#2.		
6	SW	2650	-								11.4	34.6	0	16-1.		
7		2650	-								4.3	39.0	Δ			
8		✓	270-10	0.29.						7.7	4.5 <sup>4.4</sup>		CK.			
9	NE	1320	-								5.4	33.6		11-2		
10		0	-								5.2	33.8		11-3		
11	SW	1320	-								5.0	37.0		16-4.		
12		2640	-	+1/2						15.2	1.6	37.3	0	16-5		
13		✓	270-10	0.29.						7.7	1.8 <sup>1.7</sup>		CK			
14		2140	-	+1/2							13.2	38.8	Δ			
15		✓	270-10	0.29.						7.7	1.4 <sup>1.5</sup>		CK			
16	NE	1320	-								5.2	32.9		11-6		
17		0	-								5.2	33.6		11-7		
18	SW	1320	-								7.3	30.5		11-8.		
19		2650	-								8.5	30.1	0	16-9.		
20		✓	270-04	0.12.						3.2	8.5 <sup>8.7</sup>		CK			

ELV. MARKED BACK FROM # 16.

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**STADIA SURVEY NOTES**

AREA APR. 4 STATE or PROVINCE ALASKA PAGE No. 2  
 LINE No.(s) 74-16 PARTY No. 186 DATE 11 Day 4 Mo. 74 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. L. MAN- RODMAN DEWITT 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		2640	-									30.1	0	16-9		
3		✓		267-52	0.23							39.1	Δ			
4	NE.	1320	-													
5		0	-									30.9		16-10		
6	SW.	1320	-									33.8		16-11		
7		2640		29-50	0.29							34.7		16-12		
8		✓		260-12	0.35							36.5	0	16-13		
9		2640	-													
10		✓		270-10	0.29											
11	NE.	1320	-									41.9	Δ			
12		0	-													
13	SW.	1320	-									36.1		16-14		
14		2640		1/2								36.7		16-15		
15		✓		270-10	0.29							38.2		16-16		
16																
17																
18																
19																
20																

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### STADIA SURVEY NOTES

AREA NPA. 4. STATE or PROVINCE ALASKA PAGE No. 3.  
 LINE No.(s) 74-16 PARTY No. 186. DATE Day 4. Mo. 74. Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN. RODMAN C. 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		H.S. OF S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2		1320		+ 1/2									40.2	0	16-17	
3	NE.	✓		270-10	0.58							45.1		Δ		
4		0	-													
5	SW.	1320	-										39.8		16-18	
6		2640	-										39.2		16-19	LAKE.
7	✓			270-10	0.29								39.0	0	16-20	LAKE
8		2140	-													
9	✓			270-10	0.29.											
10	NE.	1320	-													
11		0	-										43.8	Δ		
12				270-10	0.29.											
13																
14																
15																
16																
17																
18																
19																
20																

RE: PAGE 10  
 LINE 74-11.

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### STADIA SURVEY NOTES

AREA NPR. 4. STATE or PROVINCE ALASKA PAGE No. 4.  
 LINE No.(s) 16. PARTY No. 186. DATE 13. Day 4. Mo. 74. Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN. RODMAN C. DEWITT. WEATHER: SNOW. 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																
2		1320	-						3.5		3.5	61.0	57.4	0	16-25	
3	SW.	✓		270-10	0.29				7.6	3.8	3.8			ck		
4		0	-						5.2				55.8		16-24	
5	NE.	1320		-112					13.4	2.6	17.0		42.0		16-23	
6		2640		90-10	0.29				14.6	7.7	22.3		38.5	0	16-22	L. 74-11
7		✓		269-40	0.58				7.3	15.3	22.6			ck		L. 74-16
8																
9																
10																
11																
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. 5  
 LINE No.(s) 74-16 PARTY No. 106 DATE 13 Day 4 Mo. 74 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN RODMAN DEWITT WEATHER: SNOW 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												55.0	0	16-33		
2		2640	-													
3		✓		269-50	0.29							68.7	Δ			
4	SW.	1320	-													
5		0	-									58.6		16-32		
6	NE.	1320	-									63.5		16-31		
7		2640	-									60.1		16-30		
8		✓		270-10	0.29							66.4	0	16-29		
9		2640	-													
10		✓		270-10	0.29							72.5	Δ			
11	SW.	1320	-													
12		0	-									63.6		16-28		
13	NE.	1320	-									67.3		16-27		
14		2640	-									63.1		16-26		
15		✓		269-50	0.29							57.4	0	16-25		
16																
17																
18																
19																
20																

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### STADIA SURVEY NOTES

AREA NPR. 4. STATE or PROVINCE ALASKA PAGE No. 6.  
 LINE No.(s) \_\_\_\_\_ PARTY No. 186 DATE 13 Day 4 Mo. 74 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN RODMAN C. DEWITT WEATHER: 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																
2		2640	-										39.1	0	16-40	
3		✓		269-50	0.87							49.0		Δ		
4	SW.	1320	-													
5		0	-										40.8		16-39	
6	NE	1320		89-30	0.87								43.7		16-38	
7		✓		270-40	1.16											
8		2640		+ 1/2												
9		✓		270-20	0.58							45.1		Δ		
10	SW.	1320	-													
11		0	-										42.2		16-36	
12	NE	1320		89-20	6.16								39.8		16-35	ICE.
13		2640		89-30	0.87											
14		✓		270-30	0.87											
15																
16																
17																
18																
19																
20																

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### STADIA SURVEY NOTES

AREA NPR. 4. STATE or PROVINCE ALASKA PAGE No. 7.  
 LINE No.(s) 74-16. PARTY No. 186. DATE 13. Day 4. Mo. 74. Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN. RODMAN C. DEWITT. WEATHER: \_\_\_\_\_ 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																
2		2640		+42				15.6	13.2	+0.4+		45.4		0	16.47	
3		✓		270-14	0.41			11.6	10.8	+0.6 +0.8				Δ		CK
4	SW.	1720	-					2.7					42.7		16.46	
5		0	-					5.2					40.2		16.45	
6	NE.	1720		89-40	0.58			7.1	7.7	+0.6+			45.9	0	16.44	
7		✓		270-30	0.87			11.1	11.5	+0.4 +0.5				CK		
8		2640	-					2.7								
9		✓		270-10	0.29.			10.9	7.7	+2.7+ +3.0		48.9		Δ		CK.
10	SW.	1720		-1/2				9.2	5.6	15.8			33.1		16.43	ICE.
11		0	-					5.3					43.6		16.42	
12	NE.	1720	-					11.3					37.6		16.41.	
13		2640	-					7.6		7.6			39.1	0	16.40	
14		✓		269-50	0.27.			2.3	7.7	10.0 7.8				CK		
15																
16																
17																
18																
19																
20																

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### STADIA SURVEY NOTES

AREA NPR. 4. STATE or PROVINCE ALASKA PAGE No. 8.  
 LINE No.(s) 74-16. PARTY No. 186. DATE 13. Day 4. Mo. 74. Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR C. LYMAN. RODMAN DEWITT. WEATHER: 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												57.3	0	16-52		
2																
3		0	-								5.3	64.6	A			
4																
5		1590		89.30	0.87						7.4	74.8	⊙	TRIG. STA LEONA		
6		✓		270.40	1.16						8.5	77.0	CK.	BRASS - CAP. 1955.		
7												VERT. TIE - 2.2		U. S. E.		
8	NE.	1320	-								7.6	60.0		16-51.		
9		2640	-								7.4	57.2	0	16-50		
10		✓		270-10	0.29						7.7	7.3	CK.			
11		1800		112							7.1	7.0	73.4	Δ		
12		✓		269.50	0.29.						11.2	5.2	16.4	CK.		
13	SW.	480	-								8.0		65.4	16-49		
14		0	-								5.2		68.2	-		
15	NE.	830		90-40	1.16						7.2	7.6	18.8	54.6	16-48.	
16		2150		90-30	0.87						7.9	18.7	28.6	44.8	0 16-47	
17		✓		269.30	1.16						3.7	24.9	28.6	CK		
18																
19																
20																

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### STADIA SURVEY NOTES

AREA NPR. 4 STATE or PROVINCE ALASKA PAGE No. 9  
 LINE No.(s) 16 PARTY No. 186 DATE 15 Day 4 Mo. 74 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN RODMAN DEWITT WEATHER: CLOUDY 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.			
1											58.10	0	16-56		
2		2310		+1/2				13.8	11.6	2.2+	40.5				
3		✓		270.16	0.47			13.5	10.9	2.6		OK			
4	SW.	990		+1/2				6.7	5.0	1.7	58.8		16-55		
5		0	-					5.2			55.3		-		
6	NE.	330	-					9.3			51.2		16-54		
7		1650	-					8.8			51.7		16-53		
8		2970	-					0.7		0.7-	59.3	0	16-52		
9		✓		270.10	0.29			10.3	8.6	1.7		OK			
10															
11															
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. 10.  
 LINE No.(s) 16 PARTY No. 186. DATE \_\_\_\_\_ Day \_\_\_\_\_ Mo. \_\_\_\_\_ Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN. RODMAN DEWITT. WEATHER: cloudy. 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												56.5		0	16-63	
2		2640		-1/2					+	13.2	15.7		72.6			
3		✓		269.50	0.29				+	7.7	16.5				CK.	
4	SW	1320	-									13.0			59.6	16-62
5		0	-									5.3			67.3	16-61
6	NE	1320	-									11.0			61.6	16-59 60
7		2640	-									14.0			58.2	0 16-58 59.
8		✓		269.50	0.29							7.1	7.7		14.8	CK.
9		1980		-1/2								7.6	7.9		17.5+	76.0
10		✓		269.50	0.29							12.3	5.7		18.0	CK.
11	SW	660	-									10.3			65.7	16-57 58
12		0	-									5.2			70.8	-
13	NE	660	-									12.9			63.1	16-56 57
14		1980		-1/2								7.7	9.9		17.6	
15		✓		269.50	0.29							12.4	5.7		18.1	CK.
16																
17																
18																
19																
20																

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### STADIA SURVEY NOTES

AREA NPR 4. STATE or PROVINCE ALASKA PAGE No. 11.  
 LINE No.(s) 74-16. PARTY No. 186. DATE 15. Day 4 Mo. 74 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN. RODMAN DEWITT WEATHER: cloudy. 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					TAKE.						64.5	0	16-69.		
2															
3															
4		0	-							5.3	69.8				
5															
6		3960		29-50	0.29					7.0	74.3		# 12.		
7	SW.	2310		+1/2						7.9	71.5		# 7.		
8		0	-							5.3	64.5		16-69.		
9	NE.	1720								2.1	67.7		16-68		
10		7640								6.4	63.1	0	16-67		
11		✓		270-10	0.29					14.8			CK.		
12		2640								10.1	73.6		Δ		
13		✓		269-50	0.29					3.1			CK.		
14	SW.	1320								12.8	60.8		11-66		
15		0	-							5.3	68.3		16-65.		
16	NE.	1320								6.3	67.3		16-64		
17		2040		90-04	0.12					13.6	56.5	0	16-63		
18		✓		267-55	0.15					12.5			CK		
19															
20															

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 # 16.

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### STADIA SURVEY NOTES

AREA NPR. 4 STATE or PROVINCE ALASKA PAGE No. 12.  
 LINE No.(s) 74-16 To "KALO" PARTY No. 186. DATE 17. Day 4. Mo. 74. Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR L. LYMAN. RODMAN DEWITT. WEATHER: CLOUDY. 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													40.8	0	16.39	
2																
3																
4		0	-													
5																
6																
7																
8																
9	D.M.	3927.80		89-25	48		89-25-57				41.13		81.93	0	(A)	TRIP STA "KALO"
10		3987.80		77-33	55						90.1	VALVE.	83.0	CK.		BRASS-CAP
11													-1.07			1955. U.S.F.
12																
13																
14			BS.													
15			11/16				16.39									"KALO"
16																
17			D	259	33-31											
18			R	79	33-33											
19																
20			HOR. DIST.	3987.60												

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