

STADIA SURVEY NOTES

AREA NPR 4 STATE or PROVINCE Alta. Can PAGE No. 1
 LINE No.(s) 56 PARTY No. 195 DATE 8 Day 3 Mo. 75 Yr. BOOK No.
 SURVEYOR M. Moxness RODMAN D. Albert WEATHER: clear-cold 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															
3	E	2640	89	59 10											
4															
5	E	1320	90	00 59											
6	W	1320	90	01 04											
7	W	2640	90	00 22											
8	E	1485	90	09 38											
9	E	165	91	58 26											
10	W	1155	90	14 05											
11	W	2475	90	01 22											
12	E	1320	90	02 02											
13															
14	W	1320	90	21 59											
15	W	2640	90	08 23											
16	E	2640	90	04 48											
17															
18	E	1320	90	05 17											
19	W	1320	90	14 46											
20	W	2640	90	05 36											

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STADIA SURVEY NOTES

AREA NPR 4 STATE or PROVINCE Alaska PAGE No. 5
 LINE No.(s) 56 PARTY No. 195 DATE 9 Day 3 Mo. 25 Yr. BOOK No. _____
 SURVEYOR M. Mowness RODMAN O Albert 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																
3			89	56 20						+2.8	+1.8	10.3		52		
4	F	2640	89	56 20							-1.8	1221?	Δ	52		52 (T.P.2)
5											-5.0	27.8		50		
6	F	1320	90	04 16							-5.6	27.2	-	51		
7	W	1320	90	00 21							-4.4	24.4	-	49		
8	W	2640	90	01 00							-5.4	26.7	⊙	48		
9												7.4				
10	E	2640	89	57 50							+3.0	10.4	Δ	60		60 (T.P.3)
11											-5.0	8.7		58		
12	E	1320	90	00 16							-4.1	9.6	-	59		
13	W	1320	89	57 39							-3.0	10.2	-	57		
14	W	2640	89	57 24							-3.0	7.4	⊙	56		
15	E	2640	89	59 08							+3.2	10.6	Δ			
16											-5.0	8.0		54		
17		1320	90	01 18							-4.5	9.4	-	55		
18		1320	89	58 16							-3.2	10.7	-	53		
19		2640	89	51 48							-0.3	10.3	⊙	52		(T.P.2)
20																

51.8
 52
 50
 51
 49
 48
 60
 58
 59
 57
 56
 54
 55
 53
 52

WORK BACKWARDS TO ST 57
 WORK BACKWARDS TO ST 60

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STADIA SURVEY NOTES

AREA NPR 4 STATE or PROVINCE ALASKA PAGE No. 3
 LINE No.(s) 56 PARTY No. 195 DATE 8 Day 3 Mo. 75 Yr. BOOK No. _____
 SURVEYOR M. MURPHY RODMAN D. Albert WEATHER: clear cold 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																
2																
3	E	2640	90	07'32"					+4.0	+9.2	17.3		Δ	24		
4		B							-5.0	-5.0				22		
5	E	1320	90	11'44"					3.5	-8.0			-	23		
6	W	1320	90	09'06"					3.9	-7.4			⊙	21		
7	E	1320	90	09'49"					+3.95	+7.2	17.6		Δ	21		
8									-5.0	-5.0				20		
9	W	1320	90	08'40"					10.0	-13.2			-	19		
10	W	2640	90	02'22"					4.2	-16.0			⊙	18		
11	E	2640	89	58'25"					+3.85	+2.0	14.2		Δ	18		
12									-5.0	-5.0				16		
13	E	1320	90	00'43"					3.95	-4.2			-	17		
14	W	825	89	27'50"					3.85	+3.2			⊙	21	f 48 post 15	
15	E	495	89	46'02"					3.85	+1.2	19.9		Δ	5		
16									5.0	-5.0				15		
17	W	1320	89	55'15"					4.55	-2.2			⊙	14		
18																
19																
20																

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STADIA SURVEY NOTES

AREA NPR 4 STATE or PROVINCE Alaska PAGE No. 4
 LINE No.(s) 56 PARTY No. 195 DATE B Day 3 Mo. 75 Yr. BOOK No. _____
 SURVEYOR M. Munness RODMAN D. Albert WEATHER: clear + 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																
2																
3	E	2805	90	04 38				7.40		+8.5	25.5	17.2		14		
4	E	1985	90	12 28				3.9		-9.5				13		
5	E	165	41	40 30				4.0		-8.8		37.4		12		← page 19 in line 5 notes.
6	W	1165	90	01 48				4.4		5.0		41.2		11		
7	W	2475	90	03 26				3.95		-6.4		19.1		10		
8	E	2640	89	55 47				7.40		+7.8	19.9			8		
9	-	0		✓				4.05		-9.1		31.5		8		
10	E	1320	89	59 06				4.5		-4.5		33.4		9		
11	W	1320	89	57 56				4.0		-3.5				7		
12	E	1320	90	30 47				3.95		+15.5				6		
13	-							5.0		-5.0		43.0		6		
14	W	1320	90	23 39				8.0		-17.1		25.9		5		
15	W	2640	90	5 22				4.0		-15.8				4		
16	E	1815	90	11 40				7.40		+10.2	47.4			4		4 th per flag past 2
17	-							5.0		-5.0		44.9				
18	E	495	90	45 32				3.95		-10.5		35.9		3		
19	W	825	90	03 24				3.85		-4.7		42.7		2		
20	W	2145	89	59 03				4.0		-3.4		11.0		1		

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STADIA SURVEY NOTES

AREA NPR #4 STATE or PROVINCE Alaska PAGE No. 2
 LINE No.(s) 56 PARTY No. 195 DATE 8 Day 3 Mo. 25 Yr. BOOK No.
 SURVEYOR M. Moxness RODMAN T. Albert WEATHER: clear + cold 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																
2																
3																
4	E	2072	90	54 50					?	+4.0	+37.0	45.7	8.7	Δ	3.27	568' post 23
5										-5.0						Δ to 35
6	W	568	91	54 12						3.95	-22.8			-	33	
7	W	1888	90	36 41						3.9	-24.0		21.7	0	32	
8	E	495	90	56 01					?	+4.0	+12.1	33.8		Δ	3.0	446 post 31
9	W	825	91	07 31						3.6	-11.8			-	31	
10	W	2145	90	16 13						3.9	-14.0		19.8	0	30	
11	E	2640	89	37 29						70.0	-7.3	12.5		Δ	3.8	
12										-5.0	-5.0				28	
13	E	1320	89	39 38						4.0	+3.8		26.8	-	29	
14	W	1320	90	00 42						3.9	-4.2		20.0	-	27	
15	W	2640	89	56 58					?	3.85	-1.4		11.7	0	26	
16	E	825	90	59 50						+4.0	+18.2	29.3		Δ	2.6	446 post 25
17	W	495	90	25 27						10.0	-13.7			-	25	
18	W	1815	90	35 15	9.					3.2	-21.8		27.5	0	24	
19																
20																

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STADIA SURVEY NOTES

AREA NPR 4 STATE or PROVINCE Alaska PAGE No. 6
 LINE No.(s) 56 PARTY No. 195 DATE 4 Day 3 Mo. 75 Yr. BOOK No.
 SURVEYOR M. M. HANESS RODMAN D. Albert WEATHER: clear + cold 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															
3															
4	2640 E	2640	89	55 59						+4.45	+1.4	4.3	2.9	Δ	70 (T.P)
5	-	-								-5.0	-5.0		3.5	π	68
6	E	1320	90	02 34						4.05	-5.0			-	69
7	W	1320	90	02 29						4.0	-5.0			-	67
8	W	2640	89	56 11						3.95	-1.0		3.3	0	66
9	E	2640	90	00 11						+3.90	+4.0	8.3		Δ	66
10	-	-								-5.0	-5.0		3.36		69
11	E	1320	90	02 00						4.10	-4.9		3.47	-	65
12	W	1320	89	53 35						8.05	-5.6		6.0	-	63
13	W	2640	89	56 07						3.90	-0.9		7.4	0	62
14	E	1320	90	02 06						+4.0	+4.8	12.2		Δ	62
15	-	-								-5.0	-5.0		11.5		61
16	W	1320	90	02 06						4.0	-4.8		7.4	0	60 (T.P)
17															
18															
19															
20															

WORK BACK TO 70

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STADIA SURVEY NOTES

AREA NPR 4 STATE or PROVINCE Alaska PAGE No. 7
 LINE No.(s) 56 PARTY No. 195 DATE 9 Day 3 Mo. 25 Yr. BOOK No. _____
 SURVEYOR M. Moxness RODMAN D. Albert 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																
2																
3																
4	W	2805	90	02 04					4.0		+5.7	8.6	2.9	Δ	70	From 70
5									5.0		-5.0		7.9		72	
6	W	1485	90	06 27					4.0		-6.8		6.1	-	71	
7	E	1320	89	48 12					3.95		+0.6		9.2	-	73	9
8	E	2640	89	50 40					10.0		-2.8		1.57	⊗	74	
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

refer to reciprocal angle worksheet
 for elevation of sp 73 from
 A LYNG

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE _____ PAGE No. 8
 LINE No.(s) _____ PARTY No. _____ DATE _____ Day _____ Mo. _____ Yr. BOOK No. _____
 SURVEYOR _____ RODMAN _____ WEATHER: _____ 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	<i>Taking off Intersection Lines 49+56 going to SP#39 on line 56</i>															
2													21.6	⊙		<i>Intersection Lines 49+52</i>
3		<i>0.71</i>							<i>+5.2</i>			<i>26.8</i>		△		
4		<i>1001.2</i>		<i>90°24'11"</i>					<i>-3.95</i>	<i>-11.0</i>			<i>15.8</i>	○		<i>SP39 Line 56</i>
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

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