

STADIA SURVEY NOTES

AREA N.P.R. #4 STATE or PROVINCE Alaska PAGE No. 22
 LINE No.(s) 65 PARTY No. 186 DATE 28 Day 4 Mo. 75 Yr. BOOK No.
 SURVEYOR D. Young RODMAN Dave WEATHER: Scattered Cloud + 10' 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	North	2640		90°12-56		C			4.0		+15.9	194.1	178.2	A		See page 20 Line 178.2
3		1320		90°17-04		C			4.0		-10.6	183.5	172.8		47	REFER
4		0							5.4		-5.4	188.1	172.8		48	L-16 A
5		1320		87°58-56		C			4.0		-3.6	80.5	124.6		49	P-20 A
6	South	2640		87°49-07		C			4.0		+4.4		190.53		50	LINE 59KW
7																
8	North	2475		90°24-22		C			4.0		+21.5	220.0		A		178.2
9		1155		90°27-01		C			4.0		-16.4	203.0	182.7		51	177.9
10		0							5.4		-5.4	204.6	193.1			
11		1650		90°35-00		C			4.0		-11.4	204.6	182.7		52	
12		1485		90°12-46		C			4.0		-9.5	204.5	189.0		53	+0.3
13	South	2805		90°08-18		C			4.0		-10.8		209.2		54	
14																
15	North	4290		90°32-02		C			4.0		+44.0	253.2		A		
16		2870		90°45-20		C			4.0		-43.2		210.0		55	
17		1650		91°20-55		C			4.0		-42.8		210.4		56	
18		330		92°57-28		C			4.0		-21.2		232.0		57	
19		0							4.0		-4.0		249.0			
20		990		90°17-38		C			4.0		-9.1		244.1		58	

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STADIA SURVEY NOTES

AREA N. P. R. - A STATE or PROVINCE Alaska PAGE No. 37
 LINE No.(s) 65 PARTY No. 136 DATE 30 Day 4 Mo. 75 Yr. BOOK No.
 SURVEYOR D. Young RODMAN Dave WEATHER: Cloud 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	South	3960		90° 01' 29"		C			+6.0		+7.9	186.11	170.25	Δ	46	Intersection 65, EL-59
3		2640		90° 12' 04"		C			4.0		-13.3		172.8		45	ELEV FROM
4		1320		90° 13' 46"		C			4.0		-9.3		176.8		44	LOI
5		0							5.4		-5.4		180.7		43	P.22
6		1320		90° 06' 51"		C			4.0		-6.6		179.5		42	
7		2640		90° 01' 50"		C			4.0		-5.4		180.7		41	
8	North	3960		89° 48' 43"		C			4.0		+7.8		193.9	⊙	40	
9																
10	South	1980		90° 14' 09"		C			4.0		+12.1	206.9		Δ		
11		660		90° 23' 57"		C			4.0		-8.6		197.4		39	?
12		0							5.4		-5.4		200.6		38	
13		660		90° 00'		C			4.0		-4.0		202.0		38	(61)
14	North	1980		89° 59' 23"		C			6.0		-5.7		200.37	⊙	37	Target
15																
16	South	2200		89° 14' 08"		C			6.0		-10.6	189.7		Δ	56	* Intersection 36+200
17		1320		89° 31' 51"		C			4.0		+6.4		196.10		56	* over 65
18		0							5.4		-5.4		184.3		35	
19		1320		90° 01' 27"		C			4.0		-6.9		182.8		34	
20	North	2640		90° 04' 39"		C			4.0		-7.6		182.11	⊙	33	

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STADIA SURVEY NOTES

AREA N.P.R. - 4 STATE or PROVINCE Alaska PAGE No. 23
 LINE No. (s) 65 PARTY No. 186 DATE 20 Day 4 Mo. 75 Yr. BOOK No.
 SURVEYOR D. Young RODMAN Dave WEATHER: Clear warm 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			INST.	ROD			
1															
2	South	2310		90°03'32"		C				-6.4		244.8	B	59	
3															
4	North	2640		89°57'43"		C				+2.2	249.0		A		
5		1320		90°00'46"		C				-4.3		244.7		60	
6		0								-5.4		243.6		61	
7		1320		90°02'46"		C				-7.4		241.6		62	
8	South	2640		90°05'15"		C				-9.3		244.7	C	63	
9										-4.3					
10										G.L.					
11										G.L.					
12															
13															
14															
15															
16															
17															
18															
19															
20															

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PETER L-1
P-1
LINE 65

(WAS SHOT ON TOP OF PIPE - CONVERTED TO GROUND LEVEL)

62+65

?

STADIA SURVEY NOTES

AREA NAR-4 STATE or PROVINCE Alaska PAGE No. 38
 LINE No.(s) 65 PARTY No. 186 DATE 30 Day 4 Mo. 75 Yr. BOOK No.
 SURVEYOR D. Young RODMAN Duke 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		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1													182.87			
2	South	2640		90°16'15"	C				4.0		+16.5	198.2		A		E. S. 100
3		1320											188.0?		32	no rod reading
4		0							4.8		-4.8		193.8		31	
5		1320		90°12'28"	C				4.0		-8.8		189.8		30	
6	North	2640		90°12'35"	C				4.0		-13.7		184.0	0	29	
7																
8	South	2640		89°57'10"	C				4.0		+1.8	186.7		A		
9		1320		89°58'54"	C				4.0		-3.6		183.1		28	
10		0							5.4		-5.4		181.3		27	
11		1320		90°11'46"	C				4.0		-8.5		178.2		26	
12	North	2640		90°10'01"	C				4.0		-11.7		175.0	0	25	
13																
14	South	2640		89°52'17"	C				4.0		-1.9	173.0		0		
15		1320		89°56'44"	C				4.0		-2.7		170.4		24	
16		0							5.4		-5.4		167.7		23	
17	North	1320		90°16'27"	C				4.0		-10.3		162.8	0	22	
18																
19																
20																

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STADIA SURVEY NOTES

AREA N.P.R.-4 STATE or PROVINCE Alaska PAGE No. 39
 LINE No.(s) 65 PARTY No. 126 DATE 30 Day 4 Mo. 75 Yr. BOOK No.
 SURVEYOR D. Young RODMAN Dave WEATHER: Cloudy windy - shifty P.T.S. No.

LINE	Bearing of Sight	Stadia Distance	SEAMAN 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			INST.	ROD			
1												162.8			
2	South	2570		89-53-42		C				-1.3	161.35		A		
3		1650		90-15-41		C				-11.5		150.0		21	
4		330		90-46-28		C				-9.4		152.1		20	
5		0				-				-5.4		156.1			
6	North	770		90-22-17		C				-10.4		152.1	10	19	
7															
8	South	2640		89-32-08		C				-17.4	133.7		A		
9		1320		89-31-35		C				+6.9		140.6		18	
10		0				-				-5.4		128.3		17	
11		1320		90-27-23		C				-14.5		119.2		16	
12	North	2640		90-00		B		-132		-23.8		109.6	10	15	
13		X													
14	South	2640		90-33-09		C				+10.5	150.4		A		
15		1320		90-55-12		C				-25.2		125.2		14	
16		0				-				-5.3		145.1		13	target
17	North	1340		90-07-16		C				-5.3		145.1	10	12	
18	North	2640		89-55-48		-							10	11	
19															
20															

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STADIA SURVEY NOTES

AREA N.P.R.-1 STATE or PROVINCE Alaska PAGE No. 40
 LINE No.(s) 65 PARTY No. 126 DATE 30 Day 4 Mo. 75 Yr. BOOK No.
 SURVEYOR D. Young RODMAN Dave WEATHER: Clearing wind during
much work 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	Correction	Center Hair			INST.	ROD			
1																
2	South	1980		90-08-34		C			4.0		+8.9	154.0	745.1	Δ	12	
3		660		71-17-34		C			4.0		-19.3		134.7		11	
4		0							5.4		-5.4		148.6			
5		660		89-57-32		C			4.0		-3.5		150.5		10	
6	North	1980		89-52-42		C			4.0		+0.2		154.0	0	9	
7																
8	South	2640		90-19-09		C			4.0		+18.7	172.0		Δ		
9		1720		90-00		C			4.8		-11.8		161.6		8	REFER L.S. P. 41 LINE 60
10		0							6.0		-6.0		166.9		7	Intersection 65-650
11		1720		90-18-01		C			4.0		-9.8		163.1		6	
12	South	2640		90-16-41		C			4.0		-16.8		156.1	0	5	168.6
13		2960		90-13-57		C			4.0		-20.1		152.8		4	166.9
14		6220		90-14-02		C			4.0		-25.6		147.3		3	
15		6600		90-09-51		C			4.0		-22.9		150.0		2	
16	South	1920		90-10-01	2	C			4.0		-26.7		146.2	0	1	+1.9
17				269-50-25		C			4.0					ck		
18																
19																Tail Spread is Flat
20																

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STADIA SURVEY NOTES

AREA from SP. 63 to SP. 89. STATE or PROVINCE ALK. PAGE No. 1
 LINE No.(s) 62-65. PARTY No. 186 DATE 20 Day 3 Mo. 75 Yr. BOOK No.
 SURVEYOR L. LITMAN RODMAN T. T. WEATHER: MILD. 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	Correction				INST.	ROD			
1													<u>244.7</u>	0	<u>62</u>	<u>62-63</u>
2															<u>65</u>	<u>65-63</u>
3																<u>REFER</u>
4		<u>2640</u>	-						<u>7.7</u>	<u>7.7</u>	<u>7.7</u>	<u>254.5</u>		<u>A</u>		<u>P-23</u>
5		<u>✓</u>		<u>269-50</u>	<u>.29</u>				<u>2.2</u>	<u>7.7</u>	<u>7.7</u>			<u>CK.</u>		<u>LINE 65</u>
6	<u>H</u>	<u>1320</u>	-						<u>7.5</u>		<u>7.5</u>		<u>245.0</u>		<u>64</u>	
7		<u>0</u>	-						<u>5.2</u>		<u>5.2</u>		<u>249.3</u>		<u>65</u>	
8	<u>S.</u>	<u>1320</u>	-						<u>6.5</u>		<u>6.5</u>		<u>245.0</u>		<u>66</u>	
9		<u>2640</u>	-						<u>7.5</u>		<u>7.5</u>		<u>244.8</u>	0	<u>67</u>	
10		<u>✓</u>		<u>269-50</u>	<u>.29</u>				<u>1.2</u>	<u>7.7</u>	<u>7.7</u>			<u>CK</u>		
11		<u>2640</u>	-						<u>7.0</u>		<u>7.0</u>	<u>251.9</u>		<u>A</u>		
12		<u>✓</u>		<u>270-10</u>	<u>.29</u>				<u>14.2</u>	<u>7.7</u>	<u>7.7</u>			<u>CK</u>		
13	<u>H</u>	<u>1320</u>	-						<u>6.4</u>		<u>6.4</u>		<u>245.5</u>		<u>68</u>	
14		<u>0</u>	-						<u>5.2</u>		<u>5.2</u>		<u>246.7</u>		<u>69</u>	
15	<u>S.</u>	<u>1320</u>	-	<u>-1/2</u>					<u>12.1</u>	<u>7.6</u>	<u>7.7</u>		<u>238.2</u>		<u>70</u>	
16		<u>2640</u>		<u>90-30</u>	<u>.87</u>				<u>11.0</u>	<u>23.0</u>	<u>24.08</u>		<u>217.7</u>	0	<u>71</u>	
17		<u>✓</u>		<u>269-34</u>	<u>.86</u>				<u>14.3</u>	<u>20.8</u>	<u>24.4</u>			<u>CK.</u>		
18																
19																
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALU PAGE No. 2
 LINE No.(s) 65 PARTY No. 186 DATE 28 Day 3 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN T.T. WEATHER: 1160 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	Correction	Center Hair			INST.	ROD			
1													217.7	⊙	71	
2		2140		80-30	2.62				5.2	356.1	509.2	166.9		Δ		
3		✓		271-40	2.91				11.6	62.3	50.7			CK		
4	H	825		171-20	2.33				7.2	182	12.0		178.9		72	
5		0							5.2		3.2		161.7			
6	S	495		73-00	6.23				6.8	25.9	32.7		134.2		73	
7		1810		71-00	1.74				13.2	31.5	44.7		123.1	⊙	74	→ AVALIK RIVER.
8		✓		262-50	2.04				8.0	36.9	44.9			CK		
9		1320		72-20	4.07				11.4	53.7	65.1	187.2		Δ		
10	H	✓		267-30	4.36				7.6	52.6	65.2			CK		
11		0							5.2		3.2		192.0		75	
12	S	1320		88-30	2.62				5.6	34.6	29.0		216.2		76	
13		1650		88-40	2.33				4.2	38.4	34.2		221.4	⊙		
14		✓		271-30	2.62				9.0	43.2	34.2			CK		
15																
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALB. PAGE No. 3
 LINE No.(s) 65 PARTY No. 186 DATE 28 Day 7 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. EYMAN RODMAN T.T WEATHER: 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	Correction			INST.	ROD			
1												221.4	0		
2		1505	-							9.6	231.0	✓	Δ		
3		✓		270-10	.29				4.35	9.7			CK.		
4	N	505	-							9.7		226.3		77	
5		0	-							5.7		225.1		2	65
6														13	
7															RE: PAGE 61 LINE 63
8	S.	820	-							4.6		224.4		12	
9		1480	-							3.0		228.0	0		
10		✓		270-10	.29				4.3	3.0			CK.		
11		1980	-							8.5	236.7		Δ		
12		✓		270-10	.29				5.7	8.8			CK.		
13	N	1320		269-50	.29				3.8	16.3		220.4		71	
14		0	-							5.2		231.5		80	
15	S.	1320		90-20	.58				9.7	21.2		215.5		81	
16		2640		90-20	.58				15.3	27.2		209.5		82	
17		3960		+1/2					9.8	10.1		246.6	0	83	
18		✓		270-20	.58				23.0	19.7			CK		
19															
20															

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALB. PAGE No. 4
 LINE No.(s) 65 PARTY No. 126 DATE 22 Day 3 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LITMAN RODMAN T. TROUPE WEATHER: WILD 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													246.16	0	87.	
2		3760		89-40	.58				9.3	23.0	12.7	233.4		A		
3		✓		270-24	.70				14.4	21.7	12.3			OK		
4		2640		270-20	.58				5.9	+15.3	+9.4		242.5		84.	
5	N	1720	-						9.3		-9.3		223.8		85.	
6		0	-						5.3		3.3		227.8		86.	
7	S	1720		-112					10.6	6.6	17.2	/	215.9		87.	
8		1640		89-20	.87				10.5	23.0	+12.5		245.16		88.	
9		7960		89-20	1.16				10.7	+45.9	+35.2		268.2	0	89.	LAST SP.
10		✓		270-34	.99				4.2	+39.2	+35.0			OK		
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

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