

AREA Zone 4 NPR-4STATE or PROVINCE ALASKAPAGE No. 1LINE No.(s) 29 PARTY No. 184 DATE 6 Day 3 Mo. 74 Yr. BOOK No. 1SURVEYOR C. Ray RODMAN K. Byrd 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		AB.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1			<u>45 C & B Survey Tr. 513T</u>										<u>7.0</u>		<u>Good Value</u>	
2																
3	<u>S</u>	<u>1580</u>		<u>-</u>					<u>+3.5</u>	<u>+3.4</u>	<u>+3.5</u>	<u>10.5</u>	<u>Δ</u>			
4		<u>1580</u>		<u>89°56'10"</u>	<u>0°03'56"</u>				<u>+5.0</u>		<u>+3.2</u>		<u>Δ</u>			
5	<u>N</u>	<u>1460</u>		<u>-</u>					<u>-5.3</u>			<u>5.2</u>	<u>0</u>			
6	<u>S</u>	<u>1800</u>		<u>-</u>					<u>+4.3</u>			<u>9.5</u>	<u>Δ</u>			
7	<u>T</u>			<u>-</u>					<u>-5.0</u>			<u>5.5</u>	<u>-</u>	<u>SP-74-29-1</u>		
8	<u>SW</u>	<u>1330</u>		<u>-</u>					<u>-4.3</u>			<u>5.2</u>	<u>0</u>	<u>SP-74-29-2</u>		
9	<u>NE</u>	<u>1320</u>		<u>-</u>					<u>+4.6</u>			<u>9.8</u>	<u>Δ</u>			
10	<u>T</u>			<u>-</u>					<u>-4.5</u>			<u>5.3</u>	<u>-</u>	<u>SP-74-29-3</u>		
11	<u>SW</u>	<u>1330</u>		<u>-</u>					<u>-4.0</u>			<u>5.0</u>	<u>0</u>	<u>SP-74-29-4</u>		
12	<u>NE</u>	<u>1330</u>		<u>-</u>					<u>+5.5</u>			<u>10.5</u>	<u>Δ</u>			
13	<u>T</u>			<u>-</u>					<u>-4.5</u>			<u>6.0</u>	<u>-</u>	<u>SP-74-29-5</u>		
14	<u>SW</u>	<u>1330</u>		<u>-</u>					<u>-4.3</u>			<u>6.2</u>	<u>0</u>	<u>SP-74-29-6</u>		
15	<u>NE</u>	<u>1310</u>		<u>-</u>					<u>+4.3</u>			<u>10.5</u>	<u>Δ</u>			
16	<u>T</u>			<u>-</u>					<u>-4.5</u>			<u>6.0</u>	<u>-</u>	<u>SP-74-29-7</u>		
17	<u>SW</u>	<u>1330</u>		<u>-</u>					<u>-4.9</u>			<u>5.6</u>	<u>0</u>	<u>SP-74-29-8</u>		
18	<u>NE</u>	<u>1320</u>		<u>-</u>					<u>+4.4</u>			<u>10.0</u>	<u>Δ</u>			
19	<u>T</u>			<u>-</u>					<u>-4.5</u>			<u>5.5</u>	<u>-</u>	<u>SP-74-29-9</u>		
20	<u>SW</u>	<u>1330</u>		<u>-</u>					<u>-4.7</u>			<u>5.3</u>	<u>0</u>	<u>SP-74-29-10</u>		

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AREA Zone 4 NPR-4

STATE or PROVINCE ALASKA

PAGE No. 2

LINE No.(s) 29

PARTY No. 184

DATE 6 Day 3

Mo. 74 Yr. BOOK No. 1

SURVEYOR C. Ray

RODMAN K Byrd

WEATHER: cool clear

P.T.S. No.

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction				INST.	ROD		
1															
2	NE 50°	2680		-				+3.4			8.7	5.3	Δ		
3		1330		-				-4.5				4.2	-	SP-74-29-10	
4	π			-				-4.5				4.2	-	SP-74-29-12	
5	SW	1330		-				-5.1				3.6	Δ	SP-74-29-13	
6	NE	1320		-				+1.7			5.3		Δ		
7	π			-				-4.5				0.8	-	SP-74-29-14	
8	SW	1330		-				-4.5				0.8	Δ	SP-74-29-15	
9	NE	1360		-				+4.6			5.4		Δ		
10	π			-				-4.5				0.9	-	SP-74-29-16	
11	SW	1320		-				-2.4				3.0	Δ	SP-74-29-17	
12	NE	1320		-				+4.4			7.9		Δ		
13	π			-				-4.5				2.9	-	SP-74-29-18	
14	SW	1330		-				-4.1				3.3	-	SP-74-29-19	
15	SW	2660		-				-4.3				3.1	Δ	SP-74-29-20	
16	NE	1330		-				+11.5			14.6		Δ		
17		440		-				-9.8						Line Inter Line #22	
18		490		-				-9.9				4.7	-	Gp 14 + 825'	
19	π			-				-4.5				10.1	-	SP-74-29-21	
20	SW	1110		-				-5.3				9.3	Δ	FINAL LINE #22	

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AREA Zone 4 NPR-4

STATE or PROVINCE Alaska

PAGE No. 3

LINE No.(s) 29

PARTY No. D 184

DATE 7 Day 3 Mo. 74

Yr. BOOK No. 1

SURVEYOR C. Ray

RODMAN K. Byrd

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		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD		
1															
2	NE	1460		-											
3		1200		-											
4	SW	60		-											
5		1420		-											
6	NE	1320		-											
7		π		-											
8	SW	1220		-											
9	NE	1220		-											
10		π		-											
11	SW	1320		-											
12	NE	1330		-											
13		π		-											
14	NE	440		-											
15	SW	1220		-											
16	SW	1330		-											
17	NE	1320		-											
18		π		-											
19	SW	1320		-											
20	SW	2640		-											

P-2 L-20 B-1

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AREA Zone 4 NPR 4STATE or PROVINCE AlaskaPAGE No. 4LINE No.(s) 29PARTY No. 184DATE 7 Day 3 Mo. 24Yr. 1 BOOK No. 1SURVEYOR C. RayRODMAN R. ByrdWEATHER: Cool ClearP.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	NE	1320		-									11.8	0		
3		1150		-								24.9		Δ		
4	T			-									15.2	-	SP-29-165	
5	SW	1320		-									20.4	-	SP-74-29-30	
6	NE	1680		-									18.2	0	SP-74-29-31	
7		360		-									27.8	Δ		
8	SW	1030 ⁹⁷⁰		-												
9	SW	2320		-												
10	NE	2640		-												
11		1320		-									22.2	Δ		
12	T			-												
13	SW	1320		-												
14	SW	2120		-												
15	NE	350		-												
16	T			-												
17	W	1170		-												
18	E	1260		-												
19	W	1540		-												
20																

89°31'20" OBS
 TRIANGULATION STATION Spring

Tie = +2.2

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STADIA SURVEY NOTES

AREA Zone 4 NPR-4 STATE or PROVINCE Alaska PAGE No. B
 LINE No.(s) 29 PARTY No. 184 DATE 11 Day 3 Mo. 74 Yr. BOOK No. 1
 SURVEYOR C. Ray RODMAN K. Byrd WEATHER: Cold Clear 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	NE	1320		-											
3	NE	2640		-		B	-2.3	-13.2							
4	SW	2640		-											
5		1320		-											
6	T			-											
7															
8															
9	NE	2640		-											
10		2640													
11		1320		-											
12	T			-											
13		1340		-											
14	SW	2660		-		T	-11.7	-13.6	+13.3						
15		2660		270°-15'											
16	NE	1320		-											
17		1330		270°-10'											
18	T			-											
19		1330		-		B	-9.5	+6.7							
20	SW	1330		269°-9'											

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* see note on back

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Line 29 temporarily halted - will continue later.
Crew will shoot lines 24 & 31 next.

Line 29 continues on Page 27

STADIA SURVEY NOTES

AREA Zone 4 NPR-4STATE or PROVINCE AlaskaPAGE No. 7LINE No.(s) 29PARTY No. 184DATE 11 Day 3 Mo. 74Yr. BOOK No. 1SURVEYOR C. RayRODMAN K. ByrdWEATHER: Gold 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	NE	1320		-								56.0		Δ		
3	NE	2640		-									47.4	-	SP 5656	
4	SW	2640		-									37.3	0	SP 5655	
5		1320		-									35.1	Δ		
6		T		-									24.8	-	SP 54	
7	NE	1320		-									30.6	-	SP 53	
8	NE	2640		-									30.8	-	SP 52	
9	SW	2640		-									31.8	0	SP 51	
10		1320		-									36.8	Δ		
11		T		-									30.2	-	SP 50	
12	NE	1320		-									26.3	-	SP 49	
13	NE	2640		-									24.2	-	SP 48	
14	SW NE	1320		-									24.5	0	SP 47	
15		T		-									25.0	Δ		
16	NE	1320		-									30.5	-	SP 46	
17	NE	2640		-									24.7	-	SP 45	
18	SW	2640		-									26.1	0	SP 44	
19		1320		-									(24.8)	Δ	FROM PAGE 8	
20		T		-									20.0	-	SP 43	
				-									20.3	-	SP 42	

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 W of No. 1 Road

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STADIA SURVEY NOTES

AREA Zone 4 NPR-4

STATE or PROVINCE Alaska

PAGE No. 6

LINE No.(s) 29

PARTY No. 184

DATE 11 Day 3 Mo. 24

Yr. 1

SURVEYOR C. Ray

RODMAN K Byrd

WEATHER: Cold Clear

BOOK No. 1

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		T		-													
4	NE	1320		-													
5	NE	2640		-													
6	SW	2640		-		T	+8.8	-13.2	-4.4								
7		1320		-													
8		T		-													
9	NE	500		90° 46'													
10		1320		-													
11		2640		89° 26'													
12	SW	2640		270° 26'													
13	NE S	1820		-		T	+9.5	-9.1	+0.4								
14		500		-													
15		T		-													
16	SW	830		-													
17	SW	2140		-													
18	NE	2640		-		T	+7.5	-13.2	-5.7								
19		1330		-		T	-4.2	+6.7	+2.5								
20		T		-													

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(56.6) from page 7

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STADIA SURVEY NOTES

AREA Zone 4 NPR-4

STATE or PROVINCE Alaska

PAGE No. 5

LINE No.(s) 29

PARTY No. 184

DATE 11 Day 3 Mo. 74

Yr. 1 BOOK No. 1

SURVEYOR C. Ray

RODMAN K. Byrd

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		AB.S. OF S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1				<i>This is Run in</i>												
2	SW	2640		89°51'					+11.5	+4.6	90.3	85.7	0	SP-81	Worked back	
3		2640		270°08'					+13.2	+7.1			0		From PB-6-6-A-1	
4		1320		-					-0.8	-0.8		89.5	-	SP-80		
5	T			-					-4.5	-4.5		85.8	-	SP-79		
6		165		-					-12.2	-12.2		78.1	-	SP-78		
7		1320		-		B	-10.0	-6.6	-16.6	-16.6		73.7	-	SP-78		
8		2640		-					-19.5	-19.5		75.9	0	SP-77		
9	NE	2640		269°55'					-14.0	-17.8		72.5	0	CK		
10	SW	2640		-					+10.9	+10.9	86.8		0			
11		2640		269°55'					+12.5	+13.3			0	CK		
12		1320		-					-10.9	-10.9		76.9	-	SP-76		
13	T			-					-4.5	-4.5		82.2	-	SP-75		
14	NE	1320		-					-6.5	-6.5		80.3	-	SP-74		
15	NE	2640		90°06'					-14.3	-18.9		67.9	0	SP-73		
16	SW	1640		-					+11.0	+11.0	78.9		0			
17		320		-					-6.6	-6.6		72.3	-	SP-72		
18	NE	1030		-		B	-11.5	-5.2	-16.7	-16.7		62.5	-	SP-71		
19		2320		-		B	-9.4	-11.6	-16.0	-16.0		62.9	0	SP-70		
20	SW	2640		-					+2.1	+2.1	(65.0)		0		From Page 6	

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STADIA SURVEY NOTES

AREA Zone 4 NPR-4STATE or PROVINCE AlaskaPAGE No. 27LINE No.(s) 29PARTY No. 184DATE 1817 Day 3 Mo. 74 Yr.BOOK No. 1SURVEYOR C. RayRODMAN J. SmithWEATHER: cold clear

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.		
1														
2		2640												
3		2640												
4		1320												
5		1320												
6		-0-												
7		1320												
8		1320												
9		2640												
10		2640												
11														
12		2640												
13		2640												
14		1320												
15		1320												
16		-0-												
17		1320												
18		1320												
19														
20														

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STADIA SURVEY NOTES

AREA Zone 4 NPR-4 STATE or PROVINCE Alaska PAGE No. 28
 LINE No.(s) 29 PARTY No. 184 DATE 17 Day 3 Mo. 74 Yr. BOOK No. _____
 SURVEYOR C. Ray RODMAN J. Smith WEATHER: Cold Clear P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Center Hair	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	1320							P. 27								
2	1320	1320		D -				+9.3		L-17 B-1		106.1	⊙	SP-9A		
3		1320		R -				+8.6					⊙			
4		π		-				-5.0				110.1	-	SP-95		
5		1320		90°09'51"				-4.0				107.7	⊙	SP-96		
6		1320		267-51-58									⊙			
7		2640		81-57-10"									⊙	SP-97		
8		2640		270-00-23									⊙			
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA Zone 4 NPR-4 STATE or PROVINCE Alaska PAGE No. 29
 LINE No.(s) 29 PARTY No. 18.4 DATE 18 Day 3 Mo. 74 Yr. BOOK No. 1
 SURVEYOR C. Ray RODMAN J. Smith WEATHER: Cold Clear 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	Correction	Center Hair			INST.	ROD		
1		12													
2	NE	1320		90°13'00"					P-281	-5	B-1		107.7	○	SP-96
3		1320		269-47-37							+8.9	116.6		SA	
4		-0-												CK	
5	SW	1320		90°02'38"							-5.0		111.6	-	SP-97 N-25
6				269-59-13							+4.0		112.0	-	SP-98
7	SW	2640		89°56'05"							+4.0			CK	
8				270-05-31							-0.4		116.2	○	SP-99
9	NE	1320		90-11-44							-9.0			CK	
10		1320		269-50-25							+4.0			Δ	
11		-0-												CK	
12		1320		90-10-32							-5.0		119.3	-	SP-100
13	SW	1320		269-51-21							+7.7		116.6	○	SP-101 N-26
14		-0-												CK	
15	SW	1320		90-03-40							+5.5	122.1		Δ	
16				269-57-28							-4.0		116.9	-	SP-102
17	SW	2640		90-03-11							+5.2			CK	
18				269-58-12							-4.0		116.2	○	SP-103
19	NE	2640		90-03-13							-5.9			CK	
20				269-58-07							+4.0			Δ	

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STADIA SURVEY NOTES

AREA Zone 4 NPR-4 STATE or PROVINCE ALASKA PAGE No. 30
 LINE No.(s) 184 29 PARTY No. 184 DATE 18 Day 3 Mo. 74 Yr. BOOK No. 1
 SURVEYOR C. Ray RODMAN J. Smith 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		B.S. OF S. - S.S.	Station	REMARKS	
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD				
1																	
2	NE	1320		90-06-05"													
3				269-55-06													
4		-0-															
5	SW	1320		89-52-15													
6				270-09-33													
7		2640		90-11-15													
8				269-50-23													
9		1320		90-9-52													
10				269-51-50													
11		-0-															
12		1320		90-05-57													
13				269-55-11													
14		2640		90-04-52													
15				269-56-20													
16		2640 1320		90-12-12													
17																	
18		1320 2640		90-13-06													
19																	
20	C	-0-															

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STADIA SURVEY NOTES

AREA Zone A NPL-4 STATE or PROVINCE Alaska PAGE No. 30-31
 LINE No.(s) 29 PARTY No. 184 DATE 19 Day 3 Mo. 24 Yr. BOOK No. 1
 SURVEYOR C. Ray RODMAN J. Smith WEATHER: Cold 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	NE	2640		89-55-14							+0.6	135.0	134.4	0	SP-112		
3				270-06-35													
4	NE	1320		90-04-56							-5.9		129.1	-	SP-113		
5		-0-									-5.1		129.9	-	SP-114		
6	SW	1320		90-03-39							-8.0		127.0	0	SP-115		
7				269-58-01													
8	NE	1320		90-04-14							+5.2	132.2					
9				269-57-47													
10																	
11		-0-									-5.1		127.1	-	SP-116		
12		1320		90-02-33							-5.0		127.2	-	SP-117		
13		2640		269-57-13		90-04-46					-6.1	126.9	125.3	0	SP-118X		
14		1320		90-07-24							+7.3	132.6					
15				269-50-23													
16		-0-									-5.2		127.4	-	SP-119		
17		1320		90-14-59							-9.8		122.8	-	SP-120		
18		2640		90-16-40							-16.3		116.3	0	SP-121		
19				269-44-37										CK			
20																	

TI-5886

WORKED BY _____ CHECKED BY 1st CR 2nd _____

- 3.5
see Note
on Back

The corrections applied here are based on the results of a re-run and a comparison with the Reciprocity angle survey - which ties to Trig. Sta. Bluff 0.9 ft.

Ed Jensen

STADIA SURVEY NOTES

AREA Zone 4 NPR-4 STATE or PROVINCE ALASKA PAGE No. 132
 LINE No.(s) 29 PARTY No. 184 DATE 17 Day 3 Mo. 74 Yr. BOOK No. 2
 SURVEYOR LEIBENGOOD RODMAN _____ 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			CALVIN'S NOTES P-31 L-12 B-1													
2	NE	2640		90-08-09				4.0			+9.4	125.7		Δ	121	- 3.5
3		2640		218-52-04				4.0						✓	121	
4																
5	NE	1320		90-22-20	22' 20"			4.0	-8.6	72.2		113.1		-	122	- 3.5
6																
7								5.8				119.9		-	123	X - 9.0
8																
9	SW	1320		90-01-24				4.0	0.5'			125.2		-	124	- 9.0
10																
11	SW	2640		89-58-18				4.0				123.9		○	125	- 9.0
12		2640		270-04-04				4.0						✓	125	
13																
14	NE	2640		90-00-25				8.5			+7.2	131.1		Δ	125	
15		2640		270-02-24				8.5						✓	125	
16																
17	NE	1320		90-04-36				4.0				127.1		-	126	- 9.5
18																
19								5.8				125.3		-	127	X - 9.5
20																

TI-588B

CR

WORKED BY D.A.L.

CHECKED BY 1st _____

2nd _____

STADIA SURVEY NOTES

AREA ZONA A NPR-4 STATE or PROVINCE ALASKA PAGE No. 233
 LINE No.(s) 29 PARTY No. 184 DATE 17 Day 3 Mo. 74 Yr. BOOK No. 2
 SURVEYOR LEIBENGOOD RODMAN 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. O.F.S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2	SW	1320		90-01-32				P-1 L	14	B-2		131.1			128	-5.0
3									4.0			127.1	-			
4	SW	2640		90-00-07					4.0			128.9	0	129		-5.5
5		2640		270-04-44					4.0				✓	129		
6									4.0							
7	NE	2640		90-13-22					4.0							
8		2640		219-48-56					4.0			142.3	A	129		
9									4.0				✓	129		
10	NE	1320		90-12-20					4.0	4.8	8.8	133.5	-	130		-5.5
11									5.8							
12		-							5.8			136.5	-	131	T	-6.0
13									4.0							
14	SW	1320		90-08-30					4.0			135.0	-	132		-2.0
15									4.0							
16	SW	2640		90-03-17					4.0			136.6	0	133		-6.5
17		2640		219-58-50					4.0				✓	133		
18									4.0							
19	NE	2640		90-00-00					8.0			143.8	A	133		
20		2640		270-02-19					8.0				✓	133		

TI-588B

OK

WORKED BY _____ CHECKED BY 1st _____ 2nd _____

STADIA SURVEY NOTES

AREA ZONE 4 NPR-4 STATE or PROVINCE ALASKA PAGE No. 34
 LINE No.(s) 29 PARTY No. 184 DATE 17 Day 3 Mo. 74 Yr. BOOK No. _____
 SURVEYOR LEIBENGOOD RODMAN _____ 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												143.8			
2	NE	1320		90-0505				4.0		-7.1		136.7	-	134	-6.5
3													=	135	X
4		-	-					5.5		-5.5		138.3	-	135	X
5															
6	SW	1320		89-40-21				4.0		{ 3.6		140.2	{ 0	136	-7.0
7				270-20-09				4.0					✓	136	
8															
9	NE	267		89-21-50				4.0		{ 1.2	141.6		{ Δ	136	
10		267		270-29-05				4.0					✓	136	
11															
12	SW	1053		93-58-20				4.0		-76.8		64.8	-	137	End of line -7.0
13															
14															
15															
16															
17															
18															
19															
20															

TI-588B

WORKED BY _____ CHECKED BY 1st _____ 2nd _____