

STADIA SURVEY NOTES

AREA Zone 4 NPR-4 STATE or PROVINCE Alaska PAGE No. 74-35
 LINE No.(s) 30 PARTY No. 184 DATE 18 Day 3 Mo. 74 Yr. BOOK No. 1
 SURVEYOR C. Ray RODMAN J. Smith WEATHER: Cloud 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	W 1815			90-09-57				+4.0		+2.8	123.3		SP-17		
3				269-51-49				+4.0							
4	W 495			90-29-16				-4.0		-8.1		115.2	SP-16		
5				269-32-33				-4.0							
6	-0-							-5.0				118.2			
7	E 825			90-11-48				-4.0		-6.7		116.5	SP-15		
8				269-49-20				-4.0							
9	E 2145			90-05-09				-4.0		-6.8		116.5	SP-14		
10				269-56-16				-4.0							
11	W 1320			90-14-01				+4.0		+9.0	125.5				
12				269-48-03				+4.0							
13	-0-							+5.0		-5.0		120.5			
14	E 1320			90-02-23				-4.0		-4.4		121.1	SP-12		
15				269-59-52				-4.0							
16	E 2640			89-54-46				-4.0		+0.6		126.1	SP-11		
17				270-06-41				-4.0							
18	W 825			91-15-51				+4.0		+22.1	148.2				
19				268-45-02				+4.0							
20	-0-							-5.0		-5.0		143.2			GP 10+2 N-31

Notes: will be worked back

Want back

TI-568B

WORKED BY _____ CHECKED BY 1st _____ 2nd _____

STADIA SURVEY NOTES

36
75

AREA Zone 4 NPR-4 STATE or PROVINCE Alaska PAGE No. _____
 LINE No.(s) 30 PARTY No. 184 DATE 18 Day 3 Mo. 74 Yr. BOOK No. _____
 SURVEYOR C. Ray RODMAN K. Byrd WEATHER: Cold Clear P.T.S. No. _____

LINE	Bearing of Sight	Stadio Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		ABS. OF S. - S.S. A	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1	495 E	495 D		90-40					-4.0						SP 10	Work Back From Here
2				269-21-25					-4.0	-9.7		138.5		OK		
3	7875 E	1815 D		90-02-06					-4.0			143.6		OK	SP 9	
4				269-59-46					-4.0	-4.6				OK		
5	W	1320		90-07-34					+4.0	+6.6	150.2			OK		
6				269-53-55					+4.0					OK		
7		-0-							-5.2	-5.2		145.0			SP-8 N-30	
8	E	1320		90-30-20					-4.0	+75.3		130.9			SP 7	
9				269-31-26					-4.0					OK		
10																
11	W	2640		90-20-42					-4.0	+79.2		131.0		OK	SP 6	
12				269-41-14					-4.0					OK		
13		1320		90-02-26					+4.0	+4.5	135.5			OK		
14				269-59-40										OK		
15		1320		90-05-49					-4.0	-5.9		129.6			SP 5	
16				269-55-57					-4.0							
17		0		-					-4.5	-4.5		(133.0)			SP 4 & SP 135 of Line 29	
18				-	R 34	L-4	B-1									
19		0		-					-2.6	-2.6		(132.9)			Top of Pipe at Line 29-30 Inter	
20																

TI-588B

WORKED BY _____ CHECKED BY 1st _____ 2nd (over)

This Elevation was brought in from Tri. Sta. BLUFF
by Reciprocal angles. The elev. of 132.9 is on top of a 2½"
pipe - about 2 ft. above the ground.

STADIA SURVEY NOTES

AREA Zone A NPR-4 STATE or PROVINCE Alaska PAGE No. 37
 LINE No.(s) 30 PARTY No. 184 DATE 18 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		AB.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction			Center Hair	INST.			
1															
2		1320		89- ⁴⁵ 47 -14				P-36	L-13	B-1	135.5			0 SP-3	
3				220-16-20				-4.0		X 2.0		137.5		CK	
4		1320	D	90-01-08				+4.0		73.9	141.4	141.3		Δ	
5			R	270-01-20				+4.0						CK	
6		-0-						-5.0				136.4		SP-2	
7		1320		90-27-07				-4.0		14.0		127.4		0	
8			R	269-25-16				-4.0						CK SP-1	
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															

TI-588B

WORKED BY _____ CHECKED BY 1st _____ 2nd _____

STADIA SURVEY NOTES

AREA Zone A NPR-4 STATE or PROVINCE Alaska PAGE No. 38
 LINE No.(s) 30 PARTY No. 187 DATE 19 Day 23 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		AB.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion			Center Hair	INST.			
1															
2		2640		90-05-54						+8.0	122.5	0	SP-17		
3				269-55-30											
4		1320		90-07-50						-7.0			SP-18		
5		-0-								-5.1			SP-19		
6				90-07-50											
7		1320		90-15-09						-9.6			SP-20	N-32 Iron Pipe	
8				269-46-09										Chain men	
9		(1485) 1320		90-01-54						+4.5	117.4			PUT 165 Extra	
10				269-59-23											
11		-0-								-5.0					
12		1320		90-40-50						-19.7					
13		2640		90-14-35						-14.4					
14				R 269-47-29											
15															
16															
17															
18															
19															
20															

Note BACK

USE Page 39 for these Points

TI-588B

WORKED BY _____

CHECKED BY 1st 28

2nd _____

Note This Shot is wrong See Rec Duplicates U-32 U-33

STADIA SURVEY NOTES

AREA Zone ANPR-4 STATE or PROVINCE ALASKA PAGE No. 39
 LINE No.(s) #30 PARTY No. 184 DATE 22 Day 3 Mo. 74 Yr. BOOK No. 1
 SURVEYOR A. Jensen RODMAN K Bjrd WEATHER: COOL Hazy 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																	
3																	
4		-0-		89°58'12"					+5.5	+5.5	116.4		Δ				
5	E	1320		89°58'12"					-4.0	-3.0		113.4	○	SP 27			
6				270°03'28"					" "	" "			(CK)				
7																	
8	W	1053		89°55'23"					+4.0	+2.4	115.8		Δ				
9				270°06'05"					" "	" "			(CK)				
10		-267-		92°09'30"					-4.0	-10.1				SP 26			
11	E	1587		90°30'00"					-4.0	-17.5		101.7	-	SP 25			
12				268°31'44"									(CK)				
13																	
14	W	2640		90°11'30"					+4.0	+12.2	110.5		CA				
15				268°56'15"									(CK)				
16		1320		90°18'01"					-5.0	-11.9		98.6	-	SP 24			
17		-0-							-5.5	-5.5		105.0	-	SP 23			
18	E	1320		90°22'00"					-4.0	-8.5	72.5	98.0	-	SP 22			
19		2640		89°52'00"					-4.0	3.7	+3.2						
20				270°09'55'57"					" 5.0"	+1.9	-0.58		(112.4)	○	SP 21		

Cont on page 40

Increase all elevs by 13.0 see back
 Re: page 38 line 11
 may be back

Point of Fly
 N-33

TI-588B

All S.P. elevations from S.P. 21 thro. S.P. 62. should
be increased by +3.0 due to an error which occurred
between S.P. 22 & 21. This discrepancy was picked up by the
Reciprocal Angle survey - which itself ties good to other
control. G. J. J. J.

STADIA SURVEY NOTES

AREA NPR 4 STATE or PROVINCE Alaska PAGE No. 40
 LINE No.(s) 30 PARTY No. 184 DATE 20 Day 3 Mo. 74 Yr. BOOK No. 1
 SURVEYOR Art Jensen RODMAN Don Leiberg WEATHER: Clear - Wind - Cold - 15F 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														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12	SE	2640		89° 57' 00										
13	"	"		270 05 47										
14		1320		90 09 06										
15		"		269 53 30										
16		0												
17	NW	1320		90 04 29										
18	"	"		269 57 47										
19	SE	1320		90 06 20										
20	"	"		269 53 54										

Re: Pg. 39 Line 1

110.950 SP 28 = N-34

39	+0.5	111.4	Δ	E
"	"	"	CK	"
"	-6.0	105.4	SP	29
"	"	"	CK	"
"	-5.4	106.1	SP	30
"	-4.0	106.1	O	SP 31
"	"	"	CK	"
"	+4.0	112.1	Δ	"
"	"	"	CK	"

+ 3.0 ↓

TI-588B

WORKED BY _____ CHECKED BY 1st _____ 2nd _____

STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE Alaska PAGE No. 41
 LINE No.(s) 30 PARTY No. 184 DATE 20 Day 4 Mo. 74 Yr. BOOK No. 1
 SURVEYOR Art Jensen RODMAN Dan Leiberger WEATHER: clear-windy-cold -15°F 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												112.1			
2		0		-								106.9	SP	32	
3	NW	1320		90°04'	22					-5.7		106.4	SO	SP	33
4	"	"		"	"					"					+ 3.0
5	SE	1320		90°08'	17					+6.7	113.1		Δ		
6	"	"		269°54'	27					"			CK		
7		0		-								107.6	SP	34	
8	NW	1320		90°05'	34					-5.7		109.4	SO	SP	35
9	"	"		269°56'	44					"			CK		
10	SE	1155		90°16'	50					+9.1	116.5		Δ	SP	3
11	"	"		269°46'	11					"			CK		
12		0		-						-5.5		111.0		N-	35
13															
14	NW	15165		91°48'	36					-9.1		107.4	SO	SP	36
15	"	"		268°44'	06					"			CK		
16	SE	1320		90°00'	34					+3.7	111.1		Δ		
17	"	"		270°02'	11					"			CK		
18		0								5.4		105.7	SP	37	
19	NW	1320		90°06'	50					-6.1		125.0	SO	SP-	38
20	"	"		269°53'	54					"			CK		

TI-588B

WORKED BY _____ CHECKED BY af 1st _____ 2nd _____

STADIA SURVEY NOTES

AREA N.R.R. - 4 STATE OR PROVINCE Alaska PAGE No. 42
 LINE No.(s) 30 PARTY No. 184 DATE 20 Day 4 Mo. 77 Yr. BOOK No. 1
 SURVEYOR Art Jensen RODMAN Don Leiberg WEATHER: clear - windy - cold - NE 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											105.0	⊙	SP-38	
2														
3	SE	1320		90° 10' 42"				+4.0	+7.6	118.6		⊙		+3.0
4				269 52 05			"	"				⊙		
5		6		-			-5.2				108.6	-	S.P. 39	
6														
7	NW	1320		90° 10' 43"				-4.0	-7.7		104.9	⊙	SP 40	
8				269 57 41			"	"				⊙		
9	SE	1815		90° 04' 28"				+4.0	+5.7	110.6		⊙		
10				269 58 05			"	"				⊙		
11		495		90 21 00				-4.0	-6.9		103.7	-	SP 41	
12		"		269 40 40			"	"				-	CK	
13		0						-5.0			105.2		N-36	
14														
15	NW	825		90 32 18				-4.0	-11.5		99.1	-	SP-42	
16		"		269 29 45			"	"				-	CK	
17	NW	2145		90 10 25				-4.0	-9.8		100.8	⊙	SP-43	
18		"		269 51 56			"	"				⊙		
19														
20														

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WORKED BY _____ CHECKED BY 1st 48 2nd _____

STADIA SURVEY NOTES

AREA Zone A NPR-4 STATE or PROVINCE Alaska PAGE No. 43
 LINE No.(s) 30 PARTY No. 184 DATE 22 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															
3															
4	0	-							+4.9	+4.9	110.9				
5	825	90°10'19"	-0030099						-4.0	-6.5	104.9				
6	2145	90°05'25"	-00157564						-4.0	-6.9	103.6				SP42 use from SP43 Page #2
7		268°56'09"							" "						
8	1320	90°02'50"	-0044507						+4.0	+5.2	108.8				
9		267°52'42"							" "						
10	0								-4.8		109.0				SP44
11	1320	90°03'36"	-00124720						-4.0	+5.1	103.7				SP45
12		269°57'49"							" "						
13	1320	89°51'09"							+4.0	+0.2	103.9				
14		270°10'49"	+00314644						" "						
15	0								-4.0	-4.7	99.2				SP46
16	1320	89°57'22"							-4.0	4.0	101.1				SP47 N.37
17	1155	270°04'15"	+00123627						" "						
18	0								+3.9	+4.9	106.0				
19	165	90°21'54"	-00637041						-4.0	-5.1	100.9				SP47
20															

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WORKED BY

CHECKED BY 1st

2nd

29.

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STADIA SURVEY NOTES

AREA Zone A NPR-4 STATE or PROVINCE ALASKA PAGE No. 44
 LINE No.(s) 30 PARTY No. 184 DATE 22 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.		
1														
2	WE	1485		90°12'38"	-	.00367488		-40		-9.1	106.0	96.9	SP 49	
3				269°49'15"				" "					CK	
4	EAD	1320		90°04'53"				+4.0		+5.6	102.5		Δ	
5				269°56'20"				" "					CK	
6		0						-4.9				101.1	Δ	SP49
7		1320		90°04'36"				-40		-7.1		95.4	Δ	SP50 SR51
8	WE	2640		269°56'32"				" "					CK	
9		-0-						+4.9		+4.8	100.2		Δ	
10	E	1320		90°02'58"				-4.0		-5.1		95.1	-	SR50
11		1320		89°52'08"				+40		-2.3		97.9	Δ	SP52
12				270°05'14"				" "					CK	
13		1320		90°06'48"				+4.0		+6.3	104.2		Δ	
14				269°54'29"				" "					CK	
15		0						-5.0				99.2	-	SP53
16		1320		90°06'09"				-00		-2.1		102.1	Δ	SP54 Top of 2" p.p.
17				269°55'16"				" "					CK	N-374 1.7 High
18													Δ	
19													CK	
20														

71-568B

WORKED BY _____ CHECKED BY af. 2nd _____

STADIA SURVEY NOTES

AREA ZONCA NPR-4 STATE or PROVINCE ALASKA PAGE No. 45
 LINE No.(s) 30 PARTY No. 184 DATE 22 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		1320		90° 25' 36"									102.1	0	SP-54
3				269° 35' 34"										Δ	
4		0												CK	
5		1320		90° 29' 39"									107.0	-	SP55 = N-38
6				269° 31' 45"									96.2	0	SP56
7		1320		90° 03' 27"										CK	
8				269° 57' 38"										Δ	
9		0												CK	
10		1320		90° 06' 14"									96.7	-	SP57
11				269° 55' 07"									95.6	0	SP58
12		1320		89° 51' 54"										CK	
13				270° 09' 15"										Δ	
14		0												CK	
15		1320		90° 02' 50"									91.4	-	SP59
16				269° 58' 42"									82.5	0	SP60
17		1320		89° 58' 29"										CK	
18				270° 02' 45"										Δ	
19		0												CK	
20													84.6	-	SP61

O.E.T.

V

TI-508B

WORKED BY _____

47.
CHECKED BY 1st _____

2nd _____

STADIA SURVEY NOTES

AREA Zone A NPR-4 STATE or PROVINCE Alaska PAGE No. 46
 LINE No.(s) 30 PARTY No. 184 DATE 22 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.		
1														
2		1320		89°46'36"										
3				270°14'51"										
4		1320		90°15'51"										
5				269°45'38"										
6		0												
7		1320		90°13'59"										
8				269°47'12"										
9		1320		89°45'03"										
10				270°16'24"										
11		0												
12		1320		90°04'49"										
13				269°56'55"										
14		1320		90°04'15"										
15				269°56'59"										
16		0												
17		1320		90°04'19"										
18				269°57'05"										
19		1320		90°38'52"										
20				269°22'41"										

TI-508B

WORKED BY _____ CHECKED BY 1st _____ 2nd _____

SEE NOTES ON BACK
 +4.0
 +5.0

109

Two additional corrections of ± 1.0 each are
necessary to bring the s.p. elevations in line with
the control survey carried by reciprocal angles.

Ans Jansen

STADIA SURVEY NOTES

AREA Zone A NPR-4

STATE or PROVINCE Alaska

PAGE No. 47

LINE No.(s) 30

PARTY No. 184

DATE 22 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		0													
3		1320		90°07'20"											
4				269°52'00"											
5		1320		89°57'49"											
6				270°03'47"											
7		0													
8		1320		90°01'14"											
9				270°08'18"											
10		797		90°05'31"											
11				269°56'03"											
12		523		92°43'55"											
13		523		90°21'00"											
14		1843		269°40'12"											
15		2640		89°50'29"											
16				270°11'04"											
17		1300		90°10'08"											
18		0		270°05'00"											
19		1320		89°56'04"											
20				270°05'30" 270°05'30"											

TI-5585

WORKED BY

CHECKED BY 1st

2nd

Pipe at SP 69 Inter Line 30 & 21 2" pipe

Sticking 1.7' Above ground subtract 1.7' from E/cv:

For ground

STADIA SURVEY NOTES

AREA Zone A NPR-4 STATE or PROVINCE ALASKA PAGE No. 4B
 LINE No.(s) 30 PARTY No. 184 DATE 23 Day 3 Mo. 74 Yr. BOOK No. 1
 SURVEYOR C. Ray RODMAN K. Byrd WEATHER: cold Hazy Blowing Snow 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		2640		90°16'54"						+18.5	92.1	73.6	○	SP77	
4		1320		269°44'31"								CA			
5		0		90°35'15"								CK			
6		1320		89°47'34"						-17.5		74.6	-	SP78	
7		0		270°14'36"								87.1	-	SP79	
8		1320		89°42'18"								93.3	○	SP80 N-41	
9		0		270°19'30"											
10		0								+1.2					
11		1320		90°08'59"								85.2	-	SP81	
12		0		269°52'55"								83.0	○	SP82	
13		1320		89°52'02"											
14		0		270°09'11"											
15		0													
16		1320		90°05'12"								79.1	-	SP83 N-41A	
17		0		269°56'38"								78.3	○	SP84 Line INTER.	
18		1320		90°05'01"											19430
19		0		269°56'42"											
20															

TI-558B

WORKED BY _____ CHECKED BY 28 1st _____ 2nd _____

STADIA SURVEY NOTES

AREA Zone A STATE or PROVINCE ALASKA PAGE No. 49
 LINE No.(s) 30 PARTY No. 184 DATE 24 Day 3 Mo. 74 Yr. BOOK No. 1
 SURVEYOR E. Ray RODMAN K. Byrd WEATHER: cold Blowing 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												83.9		A	SP84	
2		0											79.0	-	SP85	
3		1320		89°59'03"						-3.3"		80.6	CO	CA	SP86	
4				270°02'57"						" "				CK		
5		1320		90°44'20"						+2.7"	101.3			CA		
6				269°17'23"						" "				CK		
7		0											96.2	-	SP87	
8		1320		89°59'33"						-3.4"		97.9	CO	CA	SP88	
9				270°02'25"						" "				CK		
10		1320		90°00'59"						+4.0"	101.9			CA		
11				269°20'00" 55"						" "				CK		
12		0											97.0	-	SP89	
13		1320		89°59'22"						-2.9"		99.6	CO	CA	SP90 N-42	
14				270°02'26"						" "				CK	End of Primary	
15															Line 30	
16																
17																
18																
19																
20																

TI-588B

WORKED BY _____ CHECKED BY 1st _____ 2nd _____

AREA APR. 4. STATE or PROVINCE ALASKA PAGE No. 1
 LINE No.(s) 74-30. PARTY No. 126. DATE 25 Day 4 Mo. 74 Yr. BOOK No. _____
 SURVEYOR C. LYMAN. RODMAN F.I. WEATHER: 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	Correction	Center Hair			INST.	ROD			
1												104.6	0	30-88		
2																
3		2640	-									111.1	Δ			
4		✓		270-10	0.29				7.7		6.4 + 6.6 +0.5		CK.			
5	SE.	1320	-									103.6		30-89		
6		0	-									105.9		30-90	C.S.I. 124 C.S.I. 126	
7	NW.	1320	-									107.3		30-91		
8		2640		+1/4								116.2	0	30-92		
9		✓		270-20	0.58								CK			
10		660	-									128.5	Δ			
11	SE.	✓		269-20	1.16								CK			
12		0	-													
13	NW.	660	-									119.9		30-93		
14		1650		-1/2								108.1	0			
15		✓		269-40	0.58								CK.			
16																
17																
18																
19																
20																

ELEV. WORKED FROM
 74-30
 E. 74-17

WORKED BY L.J.L. CHECKED BY 1st _____ 2nd _____

AREA N.P. 4. STATE or PROVINCE ALASKA PAGE No. 2.
 LINE No.(s) 30. PARTY No. 126. DATE 25 Day 9. Mo. 74 Yr. BOOK No. _____
 SURVEYOR L. LYMAN. RODMAN F.I. WEATHER: WINDY. 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												108.1	0		
2		2970		+1/2					4.2	14.9	10.7	97.9	Δ		
3		✓		270-20	0.58				7.4	17.2	7.8 ^{10.2}		CK		
4		2640	-						5.7			92.2		30-94	
5	SE.	1320	-						5.4			92.5		30-95	
6		0	-						5.2			92.7		30-96	
7	NW.	1320		+1/2					3.3	6.6	3.3	101.2		30-97	
8		2640		27-20	1.16				7.2	10.6	21.4	119.3	0	30-98	
9		✓		270-34	0.99				4.7	26.1	21.4		CK		
10		2140		+1/2					8.6	17.2	4.6	115.2	Δ		
11		✓		270-10	0.29				4.0	7.7	3.7 ^{4.1}		CK		
12	SE	1320	-						7.0			106.2		30-99	ICE LAKE.
13		0	-						5.2			110.0		30-100	
14	NW.	1320		+1/2					4.3	6.6	2.3	117.5		30-101	
15		2640		+1/2					3.5	13.2	7.7	124.9		30-102	
16		2970		+1/2					1.5	14.9	13.4	128.6	0		
17		✓		270-30	0.87				12.4	25.8	13.4		CK		
18															
19															
20															

WORKED BY L.J.L. CHECKED BY 1st _____ 2nd _____

AREA NPR. 4. STATE or PROVINCE ALASKA PAGE No. 3.
 LINE No.(s) 30 PARTY No. 126. DATE 25 Day 4. Mo. 74 Yr. BOOK No. _____
 SURVEYOR G. LITMAN. RODMAN F.I. WEATHER: WINDY P.T.S. No. _____

LINE	Bearing of Sight	Stadio 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		1320		29-30	0.87					5.5	11.5	6.0	122.6			
3		✓		270-40	1.16					9.4	15.3	5.9				CK.
4	SE.	330		+1/2						0.7	1.7	1.0	123.6		30-103	
5		0	-							5.3			117.3		-	
6	NW.	790		70-40	1.16					8.9	11.5	20.4	102.2		30-104	
7		2310	-							11.5			111.1		30-105	
8		2140	-							10.0		10.0	112.6			
9		✓		270-05	0.15					13.9	4.0	7.9				CK.
10		690	-							4.6		4.6	117.2			A
11	SE.	✓		270-10	0.29					6.7	2.0	4.7				CK.
12		0	-							5.0		5.0	112.2		4.	74-17
13																74-30.
14																57. 17-146.
15																RC: PAGE. 13.
16																LINE. 74-17.
17	NW.	282.	-							5.4			11.8 101.8		30-106	
18		1602	-							11.4		11.4	105.8		30-107	
19		✓		269-50	0.29.					6.7	4.7	11.4				CK
20																

WORKED BY L.J.L. CHECKED BY 1st _____ 2nd _____

AREA NPR. 4. STATE or PROVINCE ALASKA PAGE No. 4.
 LINE No.(s) 30. PARTY No. 106. DATE 25. Day 4. Mo. 24. Yr. BOOK No. _____
 SURVEYOR L. LYMAN. RODMAN F. I. WEATHER: WINDY / 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												105.8	0	30-107		
2		2310		1 1/2				4.0	11.6	7.6	98.3		Δ			
3		✓		270-20	0.58			6.0	13.4	7.4			CK.			
4	SE	990		269-30	0.87			14.5	8.6	23.1		75.2		30-108	FISH CRK.	
5		0						5.2				93.1		-		
6	NW	330	-					13.9				84.4		30-109		
7		1650	-					5.8		5.8		92.5	0	30-110		
8		✓		270-10	0.29			10.7	4.8	5.7			CK			
9		2970		90-30	0.87			12.4	25.8	78.2	131.0		Δ			
10		✓		269-24	1.05			7.5	21.2	38.7			CK.			
11		1650		269-30	0.87			10.9	14.4	25.3		105.7		30-111		
12	SE	330	-					8.0				123.0		30-112		
13		0	-					5.2				125.8		-		
14	NW	990	-					3.5				127.5		30-113		
15		2310	-					13.9		13.9		117.0	0	30-114		
16		✓		269-56	0.12			11.4	2.8	14.2			CK.			
17																
18																
19																
20																

WORKED BY L. J. L. CHECKED BY 1st _____ 2nd _____

AREA HPR. 4. STATE OR PROVINCE ALASKA PAGE No. 5.
 LINE No.(s) 30. PARTY No. 186. DATE 25 Day 4. Mo. 79. Yr. BOOK No. _____
 SURVEYOR L. LYMAN. RODMAN F.I. 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												117.0	⊙	30-114		
2		2640		89-30	0.87				+7.2	23.0	15.8	101.3	Δ			
3		v		270-24	0.70				+2.9	18.5	15.6		CK.			
4	SE.	1320	-						5.2			96.1		30-115	ICE.	
5		0	-						5.2			96.1		30-116	ICE.	
6	NW.	1320	-						5.6			95.7		30-117		
7		2640	-						2.9		2.9	98.4	⊙	30-118		
8		v		270-10	0.29				10.7	+7.7	3.0		CK.			
9		660		-1/2					+17.5	3.3	12.8	115.4	Δ			
10	SE.	v		269-00	1.74				+5.1	11.5	17.1		CK.			
11		0	-						5.2			110.2		-	HILL-SIDE.	
12	NW.	660		91-00	1.74				8.2	17.5	17.7	95.7		30-119		
13		1980		+1/2					8.4	+7.9	1.5	116.9	⊙	30-120		
14		v		270-20	0.58				10.0	+11.5	1.5		CK.			
15																
16																
17																
18																
19																
20																

WORKED BY L.J.L. CHECKED BY 1st _____ 2nd _____

AREA NPR 4 STATE or PROVINCE ALASKA PAGE No. 6
 LINE No.(s) 30 PARTY No. 186 DATE 25 Day 4 Mo. 74 Yr. BOOK No.
 SURVEYOR C. LYMAN RODMAN FL WEATHER: 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												116.9	0	30-120		
2		170		71-00	1.74				13.6	17.2	30.8+	147.8	A			
3	SE.	✓		268-40	2.33				7.9	23.1	31.0+		CK.			
4		0	-						5.2			142.6		-		
5		330	-						2.1			145.7		30-121		
6	NW.	110	-						1.4		1.4	146.4	0	E.	74-30	
7		✓		270-30	0.87				7.1	5.7	1.4		CK.		74-33	
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

WORKED BY C.L. CHECKED BY 1st 2nd

AREA NPR. 4. STATE or PROVINCE ALASKA PAGE No. 7.
 LINE No.(s) 30 PARTY No. 126 DATE 26 Day 4 Mo. 74 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN F. I. WEATHER: MILD. 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												157.5	0	30-124		
2		1970		+ 1/2					8.1	9.9	1.8	157.9	A			
3		✓		270-10	0.29				4.8	5.7	1.4		CK			
4	NW.	160	-						10.5			147.4		30-123	BEND IN. LINE.	
5																
6																
7		0	-						5.2			152.7		-		
8																
9	SE.	160		- 1/2					11.8	3.3	15.1	142.8		30-122		
10		1650	-						11.2			146.4	0		74-30	
11		✓		269-50	0.29				6.9	4.8	11.7		CK		74-33.	
12																
13																
14																
15																
16																
17																
18																
19																
20																

WORKED BY L. J. L. CHECKED BY 1st _____ 2nd _____

AREA NPR. 4. STATE or PROVINCE ALASKA PAGE No. 8.
 LINE No.(s) 30. PARTY No. 186. DATE 24. Day 4. Mo. 74. Yr. BOOK No. _____
 SURVEYOR L. LYMAN. RODMAN F. IVY. WEATHER: CLEAR. MILD. 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												121.9				
2	NW.	110		79-30	16.28			14.6	17.9	32.5		89.4		30-130		
3		0	-					5.3								
4		1210		89-00	1.74			5.8	21.1	15.3		137.2		30-129		
5		2200		89-00	1.74			4.7	26.3	23.6		155.4	⊙			
6		✓		71-10	2.04			11.5	44.9	33.4			CK.			
7		2970		89-30	0.87			8.3	25.8	17.5	138.1		Δ			
8		✓		270-24	0.70			3.6	20.8	17.2			CK			
9		2640		270-24	0.70			5.3	18.5	13.2		151.3		30-128		
10	NW.	1320		+1/2				4.0	6.6	2.6		140.7		30-127		
11		0	-					5.2				132.9		30-126		
12	SE.	1320		89-10	1.45			5.6	19.1	13.5		151.6		30-125		
13		2640		89-20	1.16			9.1	30.6	21.5		159.5	⊙	30-124		
14		✓		270-44	1.28			12.5	37.8	21.3			CK			
15																
16																
17																
18																
19																
20																

WORKED BY L. J. L. CHECKED BY 1st _____ 2nd _____

AREA _____ STATE or PROVINCE ALASKA PAGE No. 9
 LINE No.(s) 30. PARTY No. 186. DATE 26. Day 4. Mo. 74. Yr. BOOK No. _____
 SURVEYOR L. LITMAN. RODMAN F. IVY. 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												102.9	0	30-135		
2		2640		-1/2					+	+						
3		✓		269-50	0.29.				4.2	17.2	17.4	120.5	Δ			
4	NW.	1320		269-10	1.45				+	+						
5		0	-						10.1	7.7	17.8	17.6	CK.			
6	SE.	930		71-30	2.62				8.3	19.1	27.4	93.1		30-134		
7															DEEP GULLEY	
8															ICE. FLV.	
9		1320		87-00	1.74				5.2			115.3		30-133		
10		2170		89-00	1.74				5.8	24.4	70.2	90.3				
11		✓		271-10	2.04											
12																
13																
14		1860		80-50	2.04				4.4	23.0	18.6	139.1		30-132		
15		✓		271-20	2.33				5.5	37.8	32.3	152.7	0		12" SPIKE IN.	
16	NW.	1400		271-00	1.74				12.3	44.3	32.0		CK.		GRD. TOP of HILL.	
17																
18																
19	NW.	1500		271-10	2.04											
20																
									7.0	37.9	30.9	121.9	Δ			
									12.6	43.3	30.7		CK			
									7.8	24.4	16.6	138.5		30-131.	SNOW BANK SIDE of RAINE.	
									2.6	30.6	28.0	149.9			HOLE off SET.	

WORKED BY L.J.L. CHECKED BY 1st _____ 2nd _____

AREA _____ STATE or PROVINCE ALASKA PAGE No. 10.
 LINE No.(s) 30. PARTY No. 126 DATE 26. Day 4. Mo. 74. Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN F. IVY 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	Correc-tion	Center Hair			INST.	ROD			
1												152.4	0	30-142		
2		2640		89-00	1.74				13.1	45.9	32.8	123.6				
3		✓		270-59	1.72				12.5	45.4	32.9			ck.		
4	NW.	1320		270-20	0.58				1.4	7.7	6.3	129.9		30-141		
5		0	-						5.3		5.3	118.3		30-140	ICE ELEV.	
6	SE.	1320		+1/2					4.8	6.6	1.8	125.4		30-139		
7		1650		+1/2					4.7	8.3	3.6	127.0	0			
8		✓		270-20	0.58				6.4	7.6	3.2			ck.		
9		2310		89-10	1.45				5.8	33.5	27.7	99.4				
10		✓		271-00	1.74				12.8	40.2	27.4			ck.		
11		770														
12	NW.	1320		270-30	0.87				4.7	11.5	6.8	106.2		30-138		
13		0	-						5.2		5.2	94.2		30-137		
14	SE.	1320		+1/2					5.6	6.6	1.0	100.4		30-136		
15				+1/2					7.7							
16		2640		+1/2					9.4	13.2	3.8	102.9	0	30-135		
17		✓		270-20	0.58				12.1	15.3	3.2			ck.		
18																
19																
20																

WORKED BY L. J. L. CHECKED BY 1st _____ 2nd _____

AREA APR. 4. STATE or PROVINCE ALASKA PAGE No. 11.
 LINE No.(s) 74-30 PARTY No. 186 DATE 26. Day 4. Mo. 77. Yr. BOOK No. _____
 SURVEYOR L. LITMAN. RODMAN F 204. 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	Correc-tion				INST.	ROD			
1												153.8	0	30-142		
2																
3		1700	-					14.0		14.0	167.9		Δ			
4		✓		267-50	0.29.			8.6	5.7	14.3			ck.			
5	NW.	660	-					4.0			163.9			30-147		
6		0	-					5.2			162.7			-		
7	SE.	660	-					7.7			160.2			30-142		
8		1980	-1/2					9.6	9.9	17.5	148.3	0		30-145		
9		✓		267-50	0.29.			14.1	5.7	17.8			ck			
10		1430		70-20	0.58			14.9	8.3	23.2	171.5		Δ			
11		✓		267-30	0.87			10.9	12.4	23.3			ck.			
12	NW.	120	-					9.3			162.2			30-144		
13		0	-					5.3			166.2			BN.	12" SPIKE IN 9 RD.	
14																
15																
16	SE.	1200	-1/2					11.7	6.0	17.7	153.8			30-143	KE. ELV.	
17		2520	-1/2					2.5	12.6	15.1	156.4	0		30-142		
18		✓		267-50	0.29.			7.7	7.3	15.0			ck			
19																
20																

WORKED BY L.J.L. CHECKED BY 1st _____ 2nd _____

↑
 17"
 FROM B.
 EXU BACK.

STADIA SURVEY NOTES

AREA NPR. 4. STATE or PROVINCE ALASKA PAGE No. 12.
 LINE No.(s) 74-30. PARTY No. 186. DATE 28. Day 4. Mo. 74. Yr. BOOK No. _____
 SURVEYOR L LYMAN RODMAN F.I. WEATHER: 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.			
1					TAKE -	off					101.9	0	#1211 987. P.W.		
2															
3		1320		71-30	2.62			11.3	24.6	45.9	147.8		A		
4	NW.	v		268-34	2.50			13.0	37.0	42.0			CK.		
5		0						5.2			142.6		# 87.	987.	
6	SE.	660		91-00	1.74			6.3	11.5	17.8	130.0		# 45.	987.	
7		1320	-					7.7			140.1		# 43.	987.	
8		2310		+ 1/2				5.4	16.6	6.2 +	153.8	0	30-148		
9		v		270-20	0.58			7.6	13.4	5.8 + 6.0			CK		
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															

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WORKED BY C.J.L. CHECKED BY 1st _____ 2nd _____

AREA NPR. 4 STATE or PROVINCE ALASKA PAGE No. 13.
 LINE No.(s) 30 PARTY No. 186 DATE 8 Day 5 Mo. 74 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN C.D. WEATHER: MILD 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													100.9	B	30-151	
2		1650		91-10	2.04								147.3	A		
3		✓		268.40	2.33									ck.		
4	Nw.	330	-										136.6		30-150	
5		0	-										142.1		-	
6	SE	190	-										136.8		30-149	
7		2310		+1/2									153.0	D	30-148	
8		✓		270-30	0.87									ck		
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

RE: PAGE 11.
LINE 79-30

WORKED BY L.O.L. CHECKED BY 1st _____ 2nd _____

AREA _____ STATE or PROVINCE ALASKA PAGE No. 14
 LINE No.(s) 30 PARTY No. 186 DATE 8 Day 5 Mo. 74 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN C. WEATHER: SNOW 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												172.3	0	30-158		
2		2310		87-00	174				9.4	40.2	30.8	141.5				
3		✓		270-55	1.60				6.3	37.0	30.7				CK.	
4	NW.	990		270-30	0.87				3.5	8.6	5.1	145.6		30-157		
5		0	-						5.2			136.3				
6	SE.	330		92-30	4.36				14.3	14.4	28.7	112.8		30-156		
7		1650		91-00	1.74				9.2	28.7	37.9	103.6		30-155		
8		2780		70-30	0.87				14.5	25.9	40.4	100.9	0	30-154		
9		✓		267-20	1.16				6.2	34.6	40.8				CK	
10		1280	-						7.0		7.0	108.0			Δ	
11	NW.	✓		270-10	0.29				11.0	3.7	7.3				CK.	
12		0	-						5.2			102.8		30-153	DRILLER. MOVED. SP. Loc.	
13																
14																
15	SE.	1320	-						11.5			96.5		30-152		
16		2640	-						7.0		7.0	100.9	0	30-151		
17		✓		270-10	0.29				14.9	7.7	7.3				CK	
18																
19																
20																

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AREA NPR. 4. STATE or PROVINCE ALASKA PAGE No. 15.
 LINE No.(s) 30. PARTY No. 186. DATE 8. Day 5. Mo. 74 Yr. BOOK No. _____
 SURVEYOR L. LTMAN. RODMAN C.D. WEATHER: SNOW. P.T.S. No. _____

L I N E	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 of Factor	Hair Read	Reading	Correc- tion	Center Hair			INST.	ROD			
1												125.2				
2	SE.	700	-										114.8	0	30-162	
3		2020	-										114.5	0	30-161	
4		✓		269-50	0.29					5.9	10.8 ^{10.7}				CK	
5		3140		91-00	1.74					54.6	65.6 ⁺	180.5			Δ	
6		✓		268-51	2.01					63.1	66.4 ^{66.0}				CK	
7		1820		268-20	2.91					53.0	66.8		113.7		30-160	
8	NW.	510		264-25	9.68					49.4	63.5		117.0		30-159	
9		0	-										175.3		-	TOP of Bluff.
10																
11	SE.	800	-										172.3	0	30-158	
12		✓		270-20	0.58					4.6	8.3 ^{8.2}				CK	
13																
14																
15																
16																
17																
18																
19																
20																

WORKED BY L.J. C. CHECKED BY 1st _____ 2nd _____

AREA _____ STATE or PROVINCE ALASKA PAGE No. 16
 LINE No.(s) 70. PARTY No. 186 DATE 8. Day 5. Mo. 74- Yr. BOOK No. _____
 SURVEYOR L LYMAN RODMAN C.D. WEATHER: MILD. 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												115.3	0	30-165.		
2		2490	-													
3		✓		267.56	0.12							126.6				
4	NW.	1720	-													
5		"	-													
6	SE.	660	-													
7		✓		270-20	0.58											
8																
9		40	-													
10	SE.	✓		-1/2												
11		6	-													
12																74-30
13																74-34
14																
15	N	360	-									119.4				RE: PAGE 1. LN 74-39.
16	S	960	-									120.7				VERT. TIE.
17												121.7				+ 1.3
18																
19																
20																

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AREA N.P.R. 4 STATE or PROVINCE ALASKA PAGE No. 17
 LINE No.(s) 30 PARTY No. 186 DATE B Day 5 Mo. 74 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN C.D. WEATHER: SNOW - 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												115.3	0	30-172	ICE LAKE	
2		1980		71-00	1.74				7.5	34.5	44.0	159.5				
3		✓		268-50	2.04				4.0	40.4	44.4 ^{44.2}			ck.		
4	NW.	660		267-00	5.23				10.5	34.5	45.0	114.5		30-171	ICE LAKE.	
5		0	-						5.3			154.2		-	Top of cliff.	
6	SE	660		90-50	1.45				8.8	9.6	18.4	141.1		30-170		
7		1980		90-40	1.16				11.6	23.0	34.6 ^{34.7}	124.8	0	30-169		
8		✓		269-10	1.45				6.2	28.7	34.9			ck		
9		2970		+1/2					14.5	17.9	0.4	124.7		Δ		
10		✓		270-10	0.29				8.8	8.6	+0.1 0.2			ck		
11		1650	-						8.8			115.9		30-168		
12	NW.	330	-						8.1			116.6		30-167		
13		0	-						5.3			119.4		-		
14	SE	990	-						9.0			115.7		30-166		
15		2310	-						9.3			115.3	0	30-165		
16		✓		270-05	0.15				13.0	3.5	9.3 ^{9.4} 9.5			ck		
17																
18																
19																
20																

WORKED BY

L.J.L.

CHECKED BY 1st

2nd

AREA NPR. 4. STATE OR PROVINCE ALASKA PAGE No. 18.
 LINE No.(s) 30. PARTY No. 186 DATE: 8 Day 5 Mo. 74 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN C.D. 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		ABS. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion				INST.	ROD			
1												158.5	0	30-179		
2		2640		89-20	1.16			5.7	30.6	24.7	134.0		A			
3		✓		270-50	1.45			14.1	38.3	24.2 ^{24.5}			CK.			
4	NW.	1320	-					2.1				131.9		30-178		
5		0	-					5.3				128.7		30-177		
6	SE.	1320		+1/2				7.4	6.6	0.8		133.2		30-176		
7		1650		+1/2				10.3	8.3	2.0		131.8	0			
8		✓		270-20	0.58			12.0	7.6	2.4 ^{2.2}			CK.			
9		2310		89-40	0.58			2.4	13.4	11.0	120.8		A			
10		✓		270-30	0.87			7.2	20.1	10.9			CK			
11	NW.	1320		+1/2				4.2	6.6	2.4		123.2		30-175		
12		0	-					5.3				115.5		30-174		
13	SE.	1320	-					5.8				115.0		30-173		
14		2640	-					5.4		5.4		115.3	0	30-172		
15		✓		270-10	0.29			13.3	7.7	5.6 ^{5.5}			CK			
16																
17																
18																
19																
20																

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CHECKED BY 1st _____

2nd _____

AREA _____ STATE or PROVINCE ALASKA PAGE No. 19
 LINE No.(s) 30 PARTY No. 186 DATE 7 Day 5 Mo. 74 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN F. IVY 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	Correc-tion	Center Hair			INST.	ROD			
1												140.2				
2	SE.	7710		90-10	0.29				11.4	6.7	18.1		130.1	⊙	30-185	
3		✓		269-54	0.17				14.2	3.9	18.1			CK		
4		2770	-						11.2		17.2 +	141.5		Δ		
5		✓		269-54	0.17				6.5 +	5.1	11.6 11.7			CK		
6		1150	-						12.8				128.7		30-184	
7	NW.	320	-						12.3				129.2		30-183	
8		0	-						5.3				136.2		-	
9	SE.	790		89-30	0.87				4.5	8.6 +	4.1 +		145.6		30-182	
10		2310		89-35	0.73				17.8	16.9 +	3.1 +		144.5	⊙	30-181	
11		✓		270-24	0.70				13.4	16.2 +	2.8 3.0			CK		
12		2640		-1/2					6.0 +	17.2	17.2 +	163.8		Δ		
13		✓		269-50	0.29				11.8	7.7 +	19.5 19.5			CK		
14	NW	1320		-1/2					7.7	6.6	16.3		147.5		30-180	
15		0	-						5.3		5.3		158.5	⊙	30-179	
16																
17																
18																
19																
20																

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AREA _____ STATE or PROVINCE ALASKA PAGE No. 20
 LINE No.(s) 30. PARTY No. 186. DATE 7. Day 5. Mo. 74. Yr. BOOK No. _____
 SURVEYOR C. L. MAN. RODMAN FI. 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	Correc-tion	Center Hair			INST.	ROD			
1												159.7	0	30-195		
2		1320	-									2.9				
3	NW.	✓		270-10	0.29				3.8		3.2 ^{3.0}	162.7		CK.		
4		0	-									157.4		30-194		
5	SE	1320		91-00	1.74				23.0		35.7	127.0		30-193		
6		2640		90-30	0.87				23.0		36.1-	126.4	0	30-192		
7		✓		269-20	1.16				30.6		36.4 ^{31.3}			CK		
8		2640		89-30	0.87				23.0		17.5-	109.1		Δ		
9		✓		270-40	1.16				30.6		17.1 ^{17.3}			CK.		
10	NW.	1320	-									103.9		30-191		
11		0	-									103.8		30-190		
12	SE.	1320		89-30	0.87				11.5		1.9	107.2	0	30-189		
13		✓		270-20	0.58				7.7		1.9			CK.		
14		2970		90-30	0.87				25.8		40.7+	148.2		Δ		
15		✓		269-20	1.16				34.5		41.2 ^{41.0}			CK		
16		1650		269-40	0.58				9.6		23.3	124.9		30-188		
17	NW.	330	-									140.1		30-187		
18		0	-									142.9		-		
19	SE.	990										140.7		30-186		
20																

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AREA NPR 4. STATE or PROVINCE ALASKA PAGE No. 21.
 LINE No.(s) 74-30 PARTY No. 186 DATE 9. Day 5. Mo. 74. Yr. BOOK No. _____
 SURVEYOR L. LYMAN. RODMAN C. D. WEATHER: MILD, SNOW, 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												177.0	⊙	30-198	
2															
3		2780		29-40	0.58			7.7	13.8	6.1	167.1	△			
4		✓		270-26	0.76			12.4	18.1	5.7		ck.			
5	NW.	1060		+ 1/2				4.1	5.3	1.2	168.3		30-197		
6		0		-				5.4			161.7				74-30
7															74-5. PTY. 184.
8															
9															
10	N.	475		-				1.7		1.7	165.4		5-71.		FD
11		✓		271-20	2.33			11.9	10.1	1.8		ck.			
12															
13															
14															
15	SE.	260		-				6.0			161.1		30-196		
16		1580		-				7.2		7.2	159.7	⊙	30-195		
17		✓		270-10	0.29			12.2	4.6	7.6		ck.			
18															
19															
20															

WORKED BY C. J. C. CHECKED BY 1st _____ 2nd _____

AREA NPR. 4. STATE or PROVINCE ALASKA PAGE No. 22
 LINE No.(s) 30. PARTY No. 186. DATE 10. Day 5. Mo. 74. Yr. BOOK No. _____
 SURVEYOR L. LTMAN. RODMAN C.D. WEATHER: cloudy. 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.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												113.3	0	30-206		
2		3300		-1/2					2.5	16.5	19.0 ⁺	132.6				
3		✓		269-50	0.29.				9.9	9.6	19.5 ^{19.3}				CK.	
4		1980		269-20	1.16				11.1	23.0	34.1	98.5		30-205	"KOLAK CREEK"	
5	NW.	660		268-40	2.33				11.7	15.4	27.1	105.5		30-204		
6		0	-						5.3		5.3	127.3				
7	SE.	660		+1/2					4.0	3.3	0.7	131.9		30-203		
8		1980		+1/2					4.0	9.9	5.9 ⁺	138.4	0	30-202		
9		✓		270-20	0.58				5.9	11.5	5.6 ^{5.8}				CK.	
10		2640		-1/2					5.2	17.2	18.4 ⁺	156.9			Δ	
11		✓		269-50	0.29.				11.0	7.7	18.7 ^{18.5}				CK.	
12	NW.	1320	-						13.5			143.4		30-201		
13		0	-						5.3			151.6		30-200		
14	SE.	1320		89-10	1.45				5.4	19.1	13.7	170.6	0	30-199		
15		✓		271-00	1.74				9.4	23.0	13.6				CK.	
16		1320	-						7.5		7.5 ⁺	172.2			Δ	
17	NW.	✓		270-10	0.29.				11.5	3.8	7.7 ^{7.6}				CK.	
18		0	-						5.2		5.2	173.0	0	30-198		
19																
20																

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AREA _____ STATE or PROVINCE ALASKA PAGE No. 23
 LINE No.(s) 30 PARTY No. 186 DATE 10 Day 5 Mo. 74 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN _____ WEATHER: cloudy, 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.			
1											116.5	0	30-213		
2		2970		89-50	0.29			8.7	8.6	0.1	116.7	A			
3		✓		270-16	0.47			14.3	14.0	0.3		CK			
4		1650		+1/2				9.6	8.3	1.3	115.4		30-212		
5	NW	330	-					6.6			110.1		30-211		
6		0	-					5.2			111.5				
7	SE	990	-					7.8			108.9		30-210		
8		2310		89-50	2.04			6.6	47.1	40.5	156.9	0	30-209		
9		✓		271-15	2.18			10.5	50.4	37.9		CK			
10		1220		+1/2				9.8	6.6	2.8	154.2	A			
11	NW	✓		270-30	0.87			8.9	11.5	2.6		CK			
12		0	-					5.3			148.9		30-208		
13	SE	1220		91-00	1.74			10.7	23.0	33.7	120.5		30-207		
14		2640		90-40	1.16			10.0	20.6	40.6	113.3	0	30-206		
15		✓		269-10	1.45			2.9	38.3	41.2		CK			
16															
17															
18															
19															
20															

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AREA _____ STATE or PROVINCE ALASKA PAGE No. 24
 LINE No.(s) 30. PARTY No. 186. DATE 10 Day 5 Mo. 74 Yr. BOOK No. _____
 SURVEYOR L. LIMAN. RODMAN FIVY. WEATHER: CLOUDY. 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												123.7	0	30-217		
2		2910		90-40	116			13.7	26.8	40.5	164.5		Δ			
3		✓		269-10	1.45			7.5	33.5	41.0 ^{40.8}			CK.			
4	NW.	790		668-46	2.15			17.9	21.3	35.2		122.9		30-214	+ 6.4. Boost.	
5		0	-					5.2				159.3		-		
6	SE.	330		92-00	3.49			10.3	11.5	21.8		142.7		30-215		
7		680		92-10	3.38			14.7	25.7	40.4		124.1		30-215	off. SET.	
8				91-10				13.5							350' SE.	
9																
10																
11	SE.	1650		91-10	2.04			13.5	33.7	47.2		117.3		30-214		
12		2970		90-40	116			13.3	34.5	47.8 ^{48.0}		116.5	0	30-213		
13		✓		269-10	1.45			5.2	43.1	48.3			CK.			
14																
15																
16																
17																
18																
19																
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AREA _____ STATE or PROVINCE ALASKA PAGE No. 25
 LINE No.(s) 30 PARTY No. 186 DATE 10 Day 5 Mo. 74 Yr. BOOK No. _____
 SURVEYOR L. LITMAN RODMAN F. IVY WEATHER: CLOUDY 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												160.9	0	30-219		
2																
3		375	-													
4	NW.	✓		269-30	0.87							169.1				
5		0	-													
6												163.8				74-30
7																74-35.
8	N.	662	-													
9												164.7				TP.
10	N	40	-													
11												163.6				SP. 74-35-20
12		0	-													
13												162.8				74-30
14																74-35.
15	SE.	940		90-40	1.16											
16		2260		90-50	1.45											
17		✓		269-00	1.74											
18																
19																
20																

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AREA NPA. 4 STATE or PROVINCE ALASKA PAGE No. 26
 LINE No.(s) 30 PARTY No. 186 DATE 11 Day 5 Mo. 74 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN C-D WEATHER: snow P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	SEAMAN 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											125.0	o	30-224	
2		1650		-1/2				+14.2	+8.3	+22.5	147.5	A		
3		✓		269-40	0.58			+13.0	+7.6	+22.6		ck.		
4	NW	330	-					9.6			137.9		30.223	
5		0	-					5.2			142.3		-	
6	SE	990	-					9.0			138.5		30.222	
7		2310	-					7.2		7.2	140.2	o	30-221	
8		✓		270-10	0.29			14.1	6.7	7.4	7.3	ck.		
9		1320		-1/2				+11.7	+6.6	+18.3	158.5	A		
10	NW	✓		269-50	0.29			+14.6	+3.8	+18.4		ck.		
11		0	-					5.2			153.3		30-220	
12	SE	1720		89-30	0.87			9.1	11.5	2.4	160.9	o	30-219	
13		✓		270-40	1.16			13.0	15.3	2.3		ck.		
14														
15														
16														
17														
18														
19														
20														

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AREA NPR. 4. STATE or PROVINCE ALASKA PAGE No. 27.
 LINE No.(s) 30. PARTY No. 186. DATE 11. Day 5. Mo. 74. Yr. BOOK No. _____
 SURVEYOR L. LYMAN. RODMAN C. D. WEATHER: 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.			
1											161.0	0	30-230		
2		2310		87-10	145			2.2	33.5	30.9	130.1				
3		✓		270-58	169			8.0	37.0	31.0			CK.		
4	NW.	990	-					5.2			124.9		30-229	ICE	
5		0	-					5.2			124.9		-		
6	SE.	230	-					5.2			124.9		30-228	ICE	
7		1650	-					5.4		5.4	124.7	0	30-227	ICE. " "	
8		✓		270-10	0.29			10.3	4.8	5.5			CK	LAKE.	
9		2440	-					5.3		5.3	130.3				
10		✓		270-10	0.29			12.6	7.7	5.9	5.6		CK.		
11	NW.	1320	-					5.2			125.1		30-226	ICE.	
12		0	-					5.2			125.1		30-225	ICE. LONG SPAD.	
13	SE.	2310	-					5.1		5.1	125.0	0	30-224	2310	
14		✓		270-10	0.29			12.2	6.7	5.5	5.3		CK.		
15															
16															
17															
18															
19															
20															

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AREA NPR. 4. STATE or PROVINCE ALASKA PAGE No. 28.
 LINE No.(s) 30. PARTY No. 186. DATE 11. Day 5. Mo. 74. Yr. BOOK No. _____
 SURVEYOR L. GYMAN. RODMAN F. E. V. M. WEATHER: WINDY. 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	Correc-tion				INST.	ROD			
1												117.8	0			
2		2640	-					13.3		13.3	171.3		Δ			
3		✓		261-50	0.29.			6.0	7.7	12.7	15.5.		CK.			
4		1980		269-50	0.29.			12.5	5.7	18.2		113.1		30-236		
5	NW.	660	-					11.8				119.5		30-235		
6		0	-					5.2				126.1		-		
7	SE.	660	-					2.8				128.5		30-234		
8		1980	+1/2					7.4	7.7	2.5		133.7	0	30-233		
9		✓		270-20	0.58.			9.3	11.5	2.2	2.4		CK.			
10		2640	-1/2					12.5	12.2	2.5	159.6		Δ			
11		✓		269-40	0.58.			10.7	11.3	26.0	25.9		CK			
12	NW	1320		269-40	0.58.			12.5	7.7	20.2		139.4		30-232		
13		0	-					5.2				154.4		30-231		
14	SE.	1320		89-40	0.58.			6.2	7.7	1.5		161.0	0	30-230		
15		✓		270-30	0.87			10.2	11.5	1.3	1.4		CK.			
16																
17																
18																
19																
20																

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AREA NPR 4. STATE OR PROVINCE ALASKA PAGE No. 29.
 LINE No.(s) 30 - PARTY No. 186 - DATE 11. Day 5. Mo. 74. Yr. BOOK No. _____
 SURVEYOR C. LYMAN - RODMAN C. D. WEATHER: WINDY. 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												128.7	0	30-243		
2		2640		+1/2					+	13.2	5.7	123.3				
3		✓		270-20	0.58				+	10.2	5.1			ck.		
4	NW.	1320	-							5.1		118.2		30-242		
5		0	-							5.3		118.0		30-241		
6	SE.	1320		+1/2						7.6	6.6	122.3		30-240		
7		2640		+1/2						11.8	13.2	124.6	0	30-239		
8		✓		270-20	0.58					14.2	15.3			ck		
9		1320	-							2.4	2.4	127.1				
10	NW.	✓		270-10	0.29					6.4	3.8			ck.		
11		0	-							5.3		121.8		30-238	DEEP GULLEY.	
12																
13																
14	SE	990		70-30	0.87					7.4	8.6	114.1			grp Pin.	
15																
16		1320		90-48	1.40					15.0	18.5	88.6		30-237	+ 5' BOOST.	
17															GULLEY.	
18		1490	-							13.5		113.6		30-237	HOLE - OFFSET.	
19	SE.	1980	-							9.2	9.2	117.8	0			
20		✓		269-50	0.29					3.7	5.7			ck.		

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AREA NPR. 4. STATE or PROVINCE ALASKA PAGE No. 30.
 LINE No.(s) 30. PARTY No. 186 DATE 11. Day 5. Mo. 74. Yr. BOOK No. _____
 SURVEYOR L. L. MAN. RODMAN KM. 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												122.6	0	30-250		
2		1720		+ 1/2								123.5				
3	NW.	✓		270-10	0.29.									CK.		
4		0	-									118.2		30-249		
5	SE	1320		- 1/2								105.5		30-248.		
6		2640	-									114.0	0	30-247		
7		✓		270-06	0.17									CK		
8		2640		- 1/2												
9		✓		269-40	0.58									CK.		
10	NW.	1320		- 1/2												
11		0	-													
12	SE.	1320	-													
13		2640	-													
14		✓		269-50	0.29.									CK.		
15																
16																
17																
18																
19																
20																

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Day

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74

Yr.

BOOK No.

SURVEYOR

L. LYMAN

RODMAN

K.A.

WEATHER:

SNOW WIND

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															
3															
4		1720	-												
5	NW.	✓		269-30	0.87						125.5				
6		0	-												
7	SE.	1720	-												
8		2140	-												
9		✓		269-55	0.15										
10		1780		1/2											
11		✓		270-20	0.58										
12	NW.	660	-												
13		0	-												
14	SE	660	-												
15		1980		89-30	0.87										
16		✓		270-40	1.16										
17															
18															
19															
20															

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2nd

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 SP. 30-148