

## STADIA SURVEY NOTES

AREA N.P.R. 4 STATE OR PROVINCE ALASKA PAGE No. 1  
 LINE No.(s) 74-1 PARTY No. 195 DATE 27 Day MAR Mo. 1974 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR T. SHERRILL RODMAN B. KABELL 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.			
1															
2	W	015	✓							+4.2	29.2	25.0	Δ	RIDGE	
3		0	✓										π		
4	E	020	✓							-6.0		23.0	⊙	S.P. 23	
5	NE	264	✓							+6.4	29.4		Δ		
6		1320	✓							-5.0		24.4		S.P. 22	
7		0	✓							-5.0		24.4	π	S.P. 21	
8	SW	1320	✓			B <sup>3</sup>	11.7	-6.6		-18.3		11.1		S.P. 20	
9		264	✓			B	5.7	-13.2		-18.9		10.5	⊙	S.P. 19	
10	NE	264	✓							+2.5	13.0		Δ		
11		1320	✓							-4.0		9.0		S.P. 18	
12		0	✓							-5.0		8.0	π	S.P. 17	
13	SW	1320	✓							-4.1		8.9		S.P. 16	
14		264	✓							-7.7		5.3	⊙	S.P. 15	
15	NE	2640	✓							+5.1	10.4		Δ		
16		1320	✓							-1.6		8.8		S.P. 14	
17		0	✓							-5.0		5.4	π	S.P. 13	
18	SW	1320	✓							-4.4		6.0		S.P. 12	
19		2640	✓							-5.3		5.1	⊙	S.P. 11	
20	NE	2640	✓			B	9.2	+13.2		+22.4	+27.5	+27.5	Δ		

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2nd

### STADIA SURVEY NOTES

AREA N.P.R. 4 STATE OR PROVINCE ALASKA PAGE No. 2  
 LINE No.(s) 74-1 PARTY No. 195 DATE 27 Day MAR Mo. 1974 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR T. SHEARILL RODMAN B. KOBELL 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												27.5				
2	NE	1320	✓			B	12.4	-6.6			-19.0	8.5		SP 10	S	
3		0							5.3		-5.3	22.2	π	S.P. 9		REFER L-8 P-3
4	W	1050	✓						1.4		-1.4	26.1		Δ		MARGIE (REFER L-10)
5	SW	1320	✓			B	9.4	-6.6			-16.0	11.5		S.P. 8		
6		2640	✓			B	4.4	-13.2			-17.6	9.9	0	S.P. 7		
7	NE	2640	✓						6.4		+6.4	16.3		Δ		
8		1320	✓						5.6		-5.6	10.7		S.P. 6		
9		0	✓						5.0		-5.0	11.3	π	S.P. 5		
10	SW	1320	✓						1.5		-1.5	14.8		S.P. 4		
11		2640	✓						2.3		-2.3	14.0	0	S.P. 3		
12	NE	2640	✓						0.2		+0.2	14.2		Δ		
13		1320	✓						1.6		-1.6	12.6		S.P. 2		
14		0	✓						5.0		-5.0	9.2	π	S.P. 1		
15	SW	1320	✓						9.0		-9.0	5.2		S.P. 1 H320		
16		2640	✓						10.0		-10.0	4.2		S.A. 1 + 2640		
17																
18												26.1		Δ		MARGIE (REFER L-4)
19												27.0				
20												-0.9'				MISTIE

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## STADIA SURVEY NOTES

AREA N.P.R. # 4 STATE or PROVINCE ALASKA PAGE No. 3  
 LINE No.(s) 74-1 PARTY No. 195 DATE 27 Day MAR Mo. 1974 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR T. SHERMILL RODMAN B. KOBELL 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	Correction	Center Hair			INST.	ROD			
1												9.2				
2	SW	2640	/						9.8	+9.8	19.0		Δ	S.P.1	REFEL L-14 P-2	
3		0	/						5.0	-5.0	14.0		π	S.P.3		
4	NE	2640							7.9	-7.9	11.1		⊙	S.P.5		
5	SW	2640	✓						3.5	+3.5	14.6		A			
6		0	✓						5.0	-5.0	9.6		π	S.P.7		
7	NE	2640	✓				T	5.8	+13.2	+7.4	22.0		⊙	S.P.9		
8											22.2			S.P.9	REFEL L-3 P-2	
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

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## STADIA SURVEY NOTES

AREA N.P.R. 4 STATE or PROVINCE ALASKA PAGE No. 4  
 LINE No.(s) 1 PARTY No. 195 DATE 29 Day MAY Mo. 79 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR DESJARLAIS RODMAN V JESSUP WEATHER: \_\_\_\_\_ 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																
2																
3																
4		1320														
5		✓		89° 50'												
6		0														
7		1320				B	15°	-6.4							SP	24
8		✓		90° 20'												
9		1320		90° 26'												
10		✓		90° 27'												
11		0														
12		1320				B	10°	-6.4							SP	26
13		2640				B	25°	-13.2							SP	27
14		✓		90° 10'												
15		2640														
16		✓		90° 10'												
17		1320														
18		0														
19		1320														
20																

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### STADIA SURVEY NOTES

AREA N.P.R. 4 STATE or PROVINCE ALASKA PAGE No. 5  
 LINE No.(s) 1 PARTY No. 195 DATE 29 Day Mar Mo. 74 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR R. DESTALIA'S RODMAN K. JOSSUP WEATHER: Sld Clear 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	Half Read	Reading	Correction	Center Hair			INST.	ROD			
1												21.5				
2		2640							7.8	-7.8		13.7	⊙	SP	32	
3	✓			90° 05'					14.2	-4.0	-8.2		⊙			
4		2640							6.4		+6.4	20.1	⊙			
5	✓			29° 50'					14.0	-7.7	+6.3		⊙			
6		1320							6.7		-6.7	13.7		SP	33	
7	0								5.0		-5.0	15.1		SP	34	
8		1320							7.2		-7.2	12.9		SP	35	
9		2640							8.4		-8.4	11.7	⊙	SP	36	
10	✓			90° 05'					4.3	-4.0	-8.5		⊙			
11		2640							10.1		+10.1	21.8	⊙			
12	✓			90° 02'					8.6	+1.4	+10.0		⊙			
13		1320							8.0		-8.0	13.8		SP	37	
14	0								5.8		-5.5	16.3		SP	38	
15		1320				8	2 <sup>3</sup>	-6.4			-15.9	5.9		SP	39	
16		2640							11.5		-11.5	10.3	⊙	SP	40	
17	✓			90° 10'					3.8	-7.7	-11.5		⊙			
18		1320				8	2 <sup>3</sup>	-6.6			+15.9	26.2	⊙			
19	✓			90° 10'					12.2	+3.8	+16.0		⊙			
20	0								5.0		-5.0	21.2		SP	41	

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### STADIA SURVEY NOTES

AREA N.P. 24 ZONE A STATE or PROVINCE ALASKA PAGE No. 6  
 LINE No.(s) 1 PARTY No. 195 DATE 29 Day Mar Mo. 74 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR P. DESJARNAIS RODMAN K. JESSUP WEATHER: Cold & Clear 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															
2		1320 ✓						10.0	-10.0		16.2	0	SP 42		
3		✓						6.3	-3.8	-10.1		0			
4		2640 ✓						6.4		+6.4	22.6	0			
5		✓						14.0	-7.7	+6.3		0			
6		1320 ✓						-5.8		-5.8	16.8		SP 43		
7		0						5.0		-5.0	17.6		SP 44		
8		210 ✓						5.8		-5.8	16.8		SP 4 INT 132		
9		1320 ✓						5.8		-5.8	16.8		SP 45		
10		2640 ✓						4.1		-4.1	18.5	0	SP 46		
11				29°50'				12.0	+7.7	-4.3		0			
12															
13															
14															
15		Could not lay train spread because of steep bluffs and													
16		ICE JAM.													
17		<i>P. Desjarnais</i>													
18															
19															
20															

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### STADIA SURVEY NOTES

AREA N.P.R. 4 STATE or PROVINCE ALASKA PAGE No. 7  
 LINE No.(s) 1 PARTY No. 195 DATE 29 Day MAR Mo. 74 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR R. DESJARDIS RODMAN K. JESSUP WEATHER: Clear Cold & 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. O.F.S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion			Center Hair	INST.			
1															
2															
3															
4		1340				T	2.3	-6.7		9 - 4.4	11.9				
5	✓			89°41'					3.4	-7.8 - 4.4					
6		1590				T	4.4	+8.0		+3.4		15.3			STAT. AMBER.
7	✓			89°50'					1.2	+4.6 +3.4		15.0			
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															

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