

### STADIA SURVEY NOTES

AREA N.P.R. 164 STATE or PROVINCE ALASKA PAGE No. 21  
 LINE No.(s) B-20 PARTY No. 1182 DATE 14 Day Mar Mo. 1978 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR B. B. BENTON RODMAN M. Hanson 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		1346				B	9.3			+16.0	+15.9	26.0			
3		✓		219° 58'											
4															
5		1820		89° 20'						+20.4	+20.5	46.5		Sum pon	
6		✓		270° 40'								48.0			
7				TAKE OFF TOTA STATION Sump on								11035	High		
8															
9		1820		89° 20'						-20.4	-20.5	22.5			
10		✓		270° 40'											
11		0													
12		1746								-11.5	-11.6	10.9		58	
13		✓		270° 00'											
14															
15		1760								+12.4	+12.5	23.4			
16		✓		270° 00'								10.8		58	
17	NE	880										12.9		60	
18	0											18.4		60	
19	SW	880										17.5		61	
20															

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### STADIA SURVEY NOTES

AREA N.P.R.M.A STATE or PROVINCE ALASKA PAGE No. 54  
 LINE No.(s) CONTROL PARTY No. 1182 DATE 17 Day Mar Mo. 1978 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR E. DEGENHARD'S RODMAN M. Hanson WEATHER: Cold Wind 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		<u>TAKEN OFF</u>		<u>SP. 10 Z</u>										
2		<u>2380</u>	/					<u>11 0</u>	<u>+10.9</u>	<u>+10.8</u>	<u>9.2</u>		<u>Δ</u>	
3		<u>✓</u>	/	<u>270° 00'</u>				<u>10.9</u>	<u>)</u>				<u>✓</u>	
4		<u>1460</u>	/					<u>63</u>	<u>-6.3</u>	<u>-6.3</u>		<u>2.9</u>	<u>○</u>	
5		<u>✓</u>	/	<u>270° 00'</u>				<u>63</u>					<u>✓</u>	
6		<u>1920</u>	/					<u>54</u>	<u>+5.3</u>	<u>+5.5</u>	<u>8.9</u>		<u>Δ</u>	
7		<u>✓</u>	/	<u>270° 00'</u>				<u>57</u>					<u>✓</u>	
8		<u>2100</u>	/					<u>65</u>	<u>-6.4</u>	<u>-6.4</u>		<u>2.0</u>	<u>○</u>	
9		<u>✓</u>	/	<u>270° 00'</u>				<u>65</u>					<u>✓</u>	
10		<u>1600</u>	/					<u>45</u>	<u>+4.5</u>	<u>+4.3</u>	<u>6.3</u>		<u>Δ</u>	
11		<u>✓</u>	/	<u>270° 00'</u>				<u>43</u>					<u>✓</u>	
12		<u>2140</u>	/				<u>T 69</u>		<u>+3.9</u>			<u>10.2</u>	<u>○</u>	<u>Whale</u>
13		<u>✓</u>	/	<u>270° 00'</u>				<u>24</u>				<u>12.0</u>	<u>✓</u>	
14														
15														
16														
17														
18														
19														
20														

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### STADIA SURVEY NOTES

AREA N.R. 244 STATE or PROVINCE ALASKA PAGE No. 22  
 LINE No.(s) B-26 PARTY No. 1182 DATE 19 Day Mar Mo. 1978 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR P. DESTREDAIS RODMAN M. Hanson 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		1720	/										12.3	⊙		
3		✓		270°00'										✓		
4																
5		2100	/				T	127		-0.8	-0.7	11.6		⊙		
6		✓		270°16'					74					✓		
7		2140	/				T	137	13.2		-0.5		11.1		62	
8		1760	/						54				6.0		63	
9	NE	880	/						53				6.1		64	
10		0	/						50				6.6		65	
11	SW	880	/						68				4.8		66	
12		1760	/						107				0.9		67	
13		2140	/						114	-11.3	-11.3		0.3	⊙	68	
14		✓		270°00'					115					✓		
15																
16		2140	/						95	+9.4	+9.5	9.7		⊙		
17		✓		270°00'					97					✓		
18		1760	/						80				1.7		69	
19	NE	880	/						73				2.4		70	
20		0	/						50				4.7		71	

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### STADIA SURVEY NOTES

AREA N.P.R. 149 STATE or PROVINCE Alaska PAGE No. 23  
 LINE No.(s) B-20 PARTY No. 1102 DATE 14 Day May Mo. 1978 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR R. Desjardins RODMAN M. Hanson 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		B.S. OF.S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												9.7				
2	SW	880	/										2.8		72	
3		1760	/										1.6		73	
4		2640	/							-24	-7.4		2.3	0	74	
5		✓		270° 00'										✓		
6																
7		2140	/							15.7	+6.0	2.3		Δ		
8		✓		270° 00'										✓		
9		1760	/										2.8		75	
10	NE	880	/										2.0		76	
11		0											2.7		77	
12	SW	880	/										2.2		78	
13		1760	/										2.5		79	
14		2140	/							-6.9	-6.9		1.4	0	80	
15		✓		270° 00'										✓		
16																
17		1760				B	10'			18.8	+18.9	20.4		Δ		
18		✓		269° 50'										✓		
19	NE	880				B	11.9	4.4			-15.3		5.1		81	
20		0											14.8		82	

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### STADIA SURVEY NOTES

AREA N.P.R. 49 STATE or PROVINCE ALASKA PAGE No. 24  
 LINE No.(s) B-20 PARTY No. 1182 DATE 14 Day May Mo. 1978 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR P. Desjardins RODMAN M. Hanson 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		B.S. OF.S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												20.4				
2	SW	880	/										17.5		83	
3		1760	/							-4 3	-4 4		16.0	9	84	
4		✓		270° 00'												
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

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### STADIA SURVEY NOTES

AREA N.R. #4 STATE or PROVINCE ALASKA PAGE No. 49  
 LINE No.(s) B-20 PARTY No. 1182 DATE 19 Day Mar Mo. 1978 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR R. DASTARLAIN'S RODMAN P. Hanson 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.			
1			<u>TAKOFF</u>			<u>From</u>									
2															
3															
4	<u>SE</u>	<u>905</u>	/								<u>14.2</u>				
5		<u>✓</u>		<u>270°00'</u>								<u>8.5</u>			
6		<u>0</u>	/									<u>8.6</u>		<u>43</u>	<u>A; B-20</u>
7	<u>NE</u>	<u>122</u>	/									<u>8.3</u>		<u>42</u>	
8		<u>1005</u>	/									<u>8.3</u>		<u>41</u>	
9		<u>1090</u>	/									<u>8.1</u>		<u>40</u>	
10		<u>✓</u>		<u>270°00'</u>								<u>-8.1</u>	<u>✓</u>		
11		<u>TAKOFF</u>		<u>FROM</u>	<u>S.D.</u>	<u>1090</u>	<u>P 48</u>	<u>6-2</u>				<u>8.5</u>			
12	<u>SE</u>	<u>905</u>	/						<u>157</u>	<u>157</u>	<u>14.2</u>				
13		<u>✓</u>		<u>270°00'</u>								<u>8.5</u>	<u>✓</u>		
14		<u>0</u>	/									<u>9.2</u>		<u>42</u>	<u>B-20</u>
15	<u>SW</u>	<u>760</u>	/									<u>8.5</u>		<u>43</u>	
16		<u>1640</u>	/									<u>8.4</u>		<u>44</u>	
17		<u>2520</u>	/				<u>T 65</u>		<u>162</u>	<u>163</u>		<u>20.5</u>		<u>45</u>	
18		<u>✓</u>		<u>270°20'</u>									<u>✓</u>		
19															
20															

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### STADIA SURVEY NOTES

AREA N.R.D. # 4 STATE or PROVINCE Alberta PAGE No. 58  
 LINE No.(s) B-20 PARTY No. 1182 DATE 14 Day Mon Mo. 1978 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR C. DESTARQUIS RODMAN M. Hanson 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		B.S. OF.S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction			Center Hair	INST.			
1															
2		2640				T	57		-7.4	-7.5	13.0				
3				270° 20'				82				4.8			
4		1760	/					26				10.4		46	
5	NE	880	/					48				8.2		47	
6		0	/					50				8.0		48	
7	SW	880	/					55				7.5		49	
8		1760	/					55				7.5		50	
9		2640	/					54	-53	-53		7.7		51	
10			/	270° 00'				55							
11															
12		2640	/					70	+6.9	+7.0	14.7				
13			/	270° 00'				72				7.5			
14		1760	/					70				7.7		52	
15	NE	880	/					55				9.2		53	
16		0	/					50				9.7		54	
17	SW	880	/					42				10.5		55	
18		1760	/					50				9.7		56	
19		2140	/					46	-45	46		10.1		57	
20			/	220° 20'				48							

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### STADIA SURVEY NOTES

AREA NPR 4 STATE or PROVINCE ALASKA PAGE No. 51  
 LINE No.(s) 8-20 PARTY No. 1182 DATE 17 Day Mar Mo. 1978 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR C. DITTARLO RODMAN M. Hanson WEATHER: Cold Wind 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											16.0				
2															
3		2640				T	82		-51	-51	10.9				
4				270°20'				105							
5		1760				T	36							85	
6	NE	880				T	13							86	
7		0						50						87	
8	SW	880	/					47						88	
9		1760	/					39						89	
10		2640	/					38	-37	-37		7.2		90	
11				270°00'				38							
12															
13		2640	/					60	+59	160	13.2				
14				270°00'				62							
15		1760	/					44						91	
16	NE	880	/					47						92	
17		0						50						93	
18	SW	880	/					72						94	
19		1760	/					112						95	
20															

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### STADIA SURVEY NOTES

AREA N.R.P. #4 STATE or PROVINCE ALASKA PAGE No. 52  
 LINE No.(s) B-20 PARTY No. 1182 DATE 12 Day MAR Mo. 1979 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR R. DESTADIA 14 RODMAN M. HANSON WEATHER: Cold Wind 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		2640	/						112	-6'	-11'		2.1	⊖	96	
3		✓		270°00'					113					✓		
4																
5		2640	/						21	+20	+2'	42	←	⊖		
6		✓		270°00'					23							
7		1760	/						27						97	
8	NE	880	/						30						98	
9		0							50						99	
10	SW	880	/						57						100	
11		1760	/						63						101	
12		2640	/						59	-58	-58		-1.7	⊙	102	
13		✓		270°00'					60					✓		
14																
15		2640	/						79	+7.3	+7.3	57		⊖		
16		✓		270°00'					75					✓		
17		1760	/						70						103	
18		880	/						58						104	
19	NE	19	/						53						EB 118-20	
20		0							50						105	

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### STADIA SURVEY NOTES

AREA NPR 44 STATE or PROVINCE ALASKA PAGE No. 53  
 LINE No.(s) 820 PARTY No. 1182 DATE 12 Day MAR Mo. 1978 Yr. BOOK No. \_\_\_\_\_  
 SURVEYOR R. DESTALIA RODMAN M. Hanson WEATHER: Cold Wind 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	SW	880	/												106	
3		1760	/												107	
4		2640	/							-1.9	-1.9		3.8	0	108	
5		✓		270° 00'										✓		
6																
7		1760	/							+3.9	+9.0		7.7	Δ		
8		✓		270° 00'										✓		
9	NE	880	/												109	
10		0													110	
11	SW	770	/												4	F6
12		1650	/												8	
13		2536					T	11.4		+1.4			9.1		12	
14		3410					T	11.7		+5.6			13.3		14	
15		4290					T	9.0		+12.8			20.4		20	
16		5170					T	11.0		+15.4			23.1	0	24	
17																
18																
19																
20																

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