

STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE AK PAGE No. 1
 LINE No.(s) 76 PARTY No. 182 Day 26 Mo. 75 Yr. BOOK No. 5
 SURVEYOR ROBINSON RODMAN WEATHER: P.T.S. No.

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Inst.		ROD	AB.S. OF.S. - S.S.		
1											78.9			
2	3960	S		90 18.38				-4.0		-25.5	53.4	#	TAILS SPREAD #C	
3	2840	S		90 24.40				-4.0		-22.9	56.0		TS 5	
4	1320	S		90 48.28				-4.0		-22.6	56.3		TS 4	
5														
6	0	0		-				5.3		-5.3	73.6		TS 3	
7													TS 2	
8	1320	N		90 14.15				-4.0		-9.5	69.4		TS 2	
9	2640	N		90 08.17				-4.0		-10.4	68.5		TS 1	
10	3960	N		90 06.05				-4.0		-11.0	67.9	⊙	SP 1	
11	5280	N		90 04.27				0.0		-7.8	72.1	○	SP 2 = N 4-216	
12														
13	3465	S		89 53.14				2.3		-4.3	67.6	Δ		
14				270 06.46								CK		
15	2145	S		89 55.42				-4.0		-1.3	66.3		SP 3	
16	825	S		90 10.29				-4.0		-6.5	61.1		SP 4	
17														
18		0		-				5.3		-5.3	62.3		SP 4 + 825	
19														
20														

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AREA NPR-4 STATE or PROVINCE AK PAGE No. 4
 LINE No.(s) 76 PARTY No. 182 DATE 27 Day 4 Mo. 75 Yr. BOOK No. 5
 SURVEYOR MONOHON RODMAN _____ WEATHER: _____ 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													69.6	O	SP19
3	S	1320		90 07 07				+4.0	+6.8	76.4			Δ		
4				269 52 45				-					CK		
5															
6		0		-				5.3	-5.3			71.1			SP20
7															
8	N	1320		67 39 02				-4.0	-12.0			69.4	O		SP21
9				90 20 44				-					CK		
10	S	2640		89 34 48				+4.0	-15.2	49.2			Δ		
11				270 24 43									CK		
12	S	1320		90 09 41	0.28			-4.0	-37.0	-7.7		41.5			SP22
13															
14		0		-				5.3	-5.3			43.9			SP23
15															
16	N	1320		90 11 37				-4.0	-8.5			40.7			SP24
17	N	2640		90 10 16				-4.0	-11.9			37.3	O		SP25
18				269 49 37									CK		
19															
20															

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AREA NPR-4 STATE or PROVINCE AK PAGE No. 3
 LINE No.(s) 76 PARTY No. 182 DATE 26 Day 4 Mo. 75 Yr. BOOK No. 5
 SURVEYOR MUNOZON RODMAN _____ WEATHER: _____ 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												69.5			
2	N	495		9047.36				-4.0		-10.9		58.6		SP 14	
3	N	1815		9021.05				-4.0		-75.1		34.4	0	SP 15	
4				26938.51				-					(CK)		
5	S	2640		9009.18				+4.0		+11.0		65.4		Δ	
6				26951.00										(CK)	
7	S	1320		9020.4				-4.0		-11.9		53.5		SP 16	
8															
9		0		-				-5.9		-5.9		59.5		SP 17 = N4-218	
10															
11	N	1320		8947.51				-4.0		+0.7		66.5		SP 18	
12	N	2640		8949.19				-4.0		+4.2		69.6	0	SP 19	
13				27010.94										(CK)	
14															
15															
16															
17															
18															
19															
20															

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AREA NPR-4 STATE or PROVINCE AK PAGE No. 2
 LINE No.(s) 76 PARTY No. 182 DATE 26 Day 4 Mo. 75 Yr. BOOK No. 5
 SURVEYOR MONOHAN RODMAN WEATHER: _____ 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												67.6				
2	N	495		912411				-4.0		-16.1		51.5		SP5		
3	N	1815		900642				-4.0		-7.5		60.1		SP6		
4	N	3135		895853				-4.0		-3.0		64.6		SP7		
5	N	4455		895812				-4.4		-2.0		65.2	O	SP8	=N14-217	
6				2700154				-4.4						CK		
7	S	2640		900130				+4.4		+5.6	71.2			Δ		
8				2695821				-						CK		
9	S	1320		902509				-4.0		-13.7		57.5		SP9		
10														SP		
11		0		-				-5.5		-5.5		65.7		SP10		
12																
13	N	1320		902426				-4.0		-13.4		57.8		SP11		
14	N	2640		901107				-4.0		-12.7		58.2	O	SP12		
15				2694820				-						CK		
16	S	2145		901111				+4.0		+11.0	69.5			Δ		
17				2694851				-						CK		
18	S	825		902631				-4.0		-10.4		59.1		SP13		
19																
20		0		-				5.7		-5.7		63.8		SP13	+825	

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AREA NPR-4 STATE or PROVINCE AK PAGE No. 5
 LINE No.(s) 76 PARTY No. 182 DATE 27 Day 4 Mo. 75 Yr. BOOK No. 5
 SURVEYOR MONOHON RODMAN _____ WEATHER: _____ 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													37.3	0	SP25	
3	S	5115		90 48 06					+4.0	+76.0	113.3			Δ		
4				89 11 19					-					CK		
5	S	3795		91 04 40					-4.0	-75.3			38	-	SP26	
6	S	2425		91 39 40	2%				-4.0	-75.7			37.6	-	SP27	
7	S	1155		92 31 43	4.4				-4.0	50.9	-54.9		58.4	•	SP28	
8																
9		0		-									108	κ	SP28+1155	
10																
11	N	166		89 47 54					-4.0	-3.4			109.9	-	SP29	
12	N	698		89 23 29					-4.4	+3.0			116.3	○	N4-219 @ SP29+533	
13				270 36 44					-4.4					CK		
14	S	2107		89 48 33					8.8	+1.8	118.1			Δ		
15				270 11 17					-					CK		
16	S	1320		90 06 08					-4.0	-6.4			111.7		SP30	
17																
18		0		-					-5.6	-5.6			112.5		SP31	
19																
20	N	1320		90 24 49					-4.0	-13.5			104.6		SP32	

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 LINE No.(s) 76 PARTY No. 182 DATE 27 Day 4 Mo. 75 Yr. BOOK No. 5
 SURVEYOR MONOLON RODMAN _____ WEATHER: _____ 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 of Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												118.1				
2	N	2640		90 06 37							-4.0	-9.0	109.1	O	SP33	
3				269 53 28										CK		
4	S	3960		89 53 02							+4.0	-4.1	103.0		Δ	
5				2700702										CK		
6	S	2640		89 59 17							-4.0	-3.4	101.6		SP34	
7	S	1320		90 00 13							-4.0	-4.1	100.9		SP35	
8																
9		0		-								-5.9	-5.9	99.1		N4-220@ SP 36
10																
11	N	1320		90 22 09							-4.0	-12.5	92.5		SP37	
12	N	2640		90 12 53							-4.0	-14.0	91.0	O	SP38	
13				269 46 56										CK		
14	S	2640		89 47 52							+4.0	-5.4	85.2		Δ	
15				270 12 17										CK		
16	S	1320		90 03 41							-4.0	-5.4	80.2		SP39	
17															SP	
18		0		-								-5.8	79.8		SP40	
19																
20	N	1320		90 05 05							-4.0	-6.0	79.6		SP41	

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AREA NPR-4 STATE or PROVINCE AK PAGE No. 7
 LINE No.(s) 76 PARTY No. 182 DATE 27 Day 4 Mo. 75 Yr. BOOK No. 5
 SURVEYOR MONNORON RODMAN _____ WEATHER: _____ 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												85.6			
2	N	2640		89 53 11				-4.0		+1.2		86.8		SP42	
3	N	3960		89 54 18				-4.2		+2.5		88.1	O	SP43=N4-221	
4				270 05 57				-						CK	
5	S	3960		89 54 33				+4.2		-6.5		81.6		Δ	
6				270 09 10				-						CK	
7	S	2640		89 54 44				-4.0		0.0		81.6	81.6	SP44	
8	S	1320		89 57 24				-4.0		-3.0		78.6		SP45	
9															
10		0		-				-5.3		-5.3		76.3		SP46	
11															
12	N	1320		70 08 12				4.0		-7.1		74.5		SP47	
13	N	2640		96 06 22				4.0		-8.1		73.5		SP48	
14	N	3960		70 01 50				4.0		-6.1		75.5	O	SP49	
15				269 58 07										CK	
16	S	1320		89 55 27				+4.0		+2.3		77.8		Δ	
17				270 04 16										CK	
18															
19		0		-				-5.7		-5.7		72.1		SP50	
20															

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AREA NPR-4 STATE or PROVINCE AK PAGE No. 8
 LINE No.(s) 76 PARTY No. 182 DATE 27 Day 4 Mo. 75 Yr. BOOK No. 5
 SURVEYOR MONOHON RODMAN _____ WEATHER: _____ 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												77.8			
2	N	1320		90 23 38				-4.0		-13.1		64.7		SP 51	
3	N	2640		90 09 40				-4.0		-11.4		66.4		SP 52	
4	N	3960		89 56 21				-4.0		+0.1		77.9	O	SP 53	
5				210 03 25										CK S	
6	S	4129		90 07 10				+4.0		+12.2	90.5			A	
7				269 52 52										CK	
8	S	2809		90 07 53				-4.0		-10.4		80.1		SP 54	
9	S	1489		90 18 20	9.54			-4.0	8.04	-12.0		78.5		SP 55	
10	S	169		91 13 13				-4.0		-11.9		78.6		SP 56	
11															
12		0		-				-6.8		-6.8		83.7		SP 56 + 169 = NA - 222	
13															
14	N	1151		90 33 40				-4.0		-15.3		75.2		SP 57	
15	N	2471		90 32 49				-4.0		-27.6		62.9		SP 58	
16	N	3791		90 15 05				-4.0		+20.7		69.8	O	SP 59	
17	N			269 44 48										CK	
18															
19															
20															

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 LINE No.(s) 76 PARTY No. 182 DATE 28 Day 4 Mo. 76 Yr. BOOK No. 5
 SURVEYOR MONOHON RODMAN _____ WEATHER: _____ 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																	
3	S	1485		90 09 08					+4.0	+8.0	77.8		69.8	0	SP59		
4				269 50 43													
5	S	165		90 16 11					-4.0	-4.8			73.0	-	SP60		
6																	
7		0		-					-6.3	-6.3			(-71.5)		SP60 + 165 = N4-223		
8																	
9	N	1155		90 25 04					-4.0	-12.4			65.4		SP61		(see Note on
10		2475		90 15 13					-4.0	-75.1			62.7	0	SP62		Back)
11				269 44 30													
12		2640		89 51 58					+4.0	-2.0	60.7						
13				270 07 42													
14		1320		90 08 54													
15																	
16		0		-					-5.6	-5.6			55.1		SP64		
17																	
18		1320		90 24 21					-4.0	-13.4			47.3		SP65		
19		2640		90 12 24					-4.0	-13.5			47.2		SP66		
20																	

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 LINE No.(s) 76 PARTY No. 182 DATE 2-8 Day 4 Mo. 75 Yr. BOOK No. 5
 SURVEYOR MONOLTON RODMAN WEATHER: 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										60.7				
2	N	3465		90 0243				-4.4	-7.3		53.4	O	N4-224 @ SP66+825	
3				269 5657									CK	
4	S	990		89 57 09	9000008			+4.4	+4.5	57.9		Δ		
5	S			269 57 23									CK	
6	S	495		90 16 07				-4.0	-6.3		51.6		SP67	
7													SP	
8		0		-				5.6	-5.6		52.0		SP67+495	
9														
10	N	825		90 52 23				-4.0	-16.6		41.3		SP68	
11	N	2145		90 34 34				-4.0	-25.6		32.3		SP69	
12	N	3465		90 17 19				-4.0	-21.6		32.3	O	SP70	
13				269 42 10					-7				CK	
14	S	2640		89 52 33		EXT. LATHA		7.0	+1.4	37.7		Δ		
15				270 07 04									CK	
16	S	1320		89 51 43				4.0	-0.8		36.9		SP71	
17														
18		0		-				-6.3	-6.3		31.4		SP72 = N4225	
19														
20	N	1320		90 37 46				-4.0	-18.5		19.2		SP73	

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 LINE No.(s) 76 PARTY No. 182 DATE 28 Day 4 Mo. 75 Yr. BOOK No. 6
 SURVEYOR MOROHON RODMAN _____ WEATHER: _____ 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												37.7			
2	N	2640		90 17 37				-4.0		-17.5		20.2		SP74	
3	N	3960		90 17 18				-4.5		-24.6		13.1	O	SP75 = N4-226	
4				269 42 25										CK	
5	S	3960		89 57 11				+4.5		+71.6	14.7			Δ	
6				270 02 16										CK	
7	S	2640		90 11 01				-4.0		-12.5		2.2		SP76	
8	S	1320		90 18 41				-4.0		-11.2		3.5		SP77	
9															
10		0		-				5.6		-5.6		9.1		SP78	
11															
12	N	1320		90 20 54				-4.0		-12.0		2.7		SP79	
13	N	2640		90 04 00				-4.0		-7.4		7.3	O	SP80	
14				269 55 05										CK	
15	S	3960		89 56 19				+4.0		+0.1	7.4			Δ	
16				270 03 00										CK	
17															
18	S	2805		90 00 22				0.0		-0.6		6.8	-	SP80 + 1155 = N4-227	
19				269 59 00										CK	ENDLINE 76
20															PIPE INSTALLER

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 SURVEYOR MONOHAN RODMAN _____ WEATHER: _____ 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												7.4				
2																
3	S	2640		90 02 19							-5.8		1.2		SP81	ON ICE
4	S	1320		90 05 00							-5.9		1.35		SP82	ON ICE
5																
6		0		-							-5.5		1.9		SP83	ON ICE
7																
8															TS	ALL ON ICE
9																HARRISON BAY
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

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