

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALB. PAGE No. 7
 LINE No.(s) 53 PARTY No. 186 DATE 17 Day 4 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. L. MAN RODMAN G. CONRAD WEATHER: 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												487.8	○	14	900 L 53
2															South End
3															"DEEP" GULLEY
4	S	2300		91-50	3.20				5.5	+3.6	82.1	569.9	△		
5	S	1320		92-00	3.49				13.8		-59.8	510.1			
6		0							5.7		-5.3	564.6		900	
7	N	595		89-00	1.79				5.7	+10.4	4.7	574.6	○	900	TARGET
8		1551													TELLUR STA
9		1544		88-30	2.62				+10.0	-40.6	30.6	544.0	△		
10	S														
11		0							5.6		-5.6	538.4		289	I.P. AT 500
12	N														
13		1320		91-20	2.33				10.0	30.7	-40.7	503.3	✓	288	
14		2640		91-00	1.74				11.7	45.9	57.2	486.7	○	287	
15		✓		268-50	2.04				3.5	53.9	57.4	573	CK		
16															
17															
18															
19															
20															

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALC. PAGE No. 6.
 LINE No.(s) 53 PARTY No. 186 DATE 17 Day 4 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LITMAN RODMAN CONRAD 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											254.7				
2	N.	1480		86-05	6.96			12.0	+3.0	+7.0		345.7	0		
3		✓		274-06	7.13			14.6	+10.5	+9.9			ck.		
4		660	-					6.2		6.2	351.9		Δ		
5	S.	✓		270-20	0.53			10.1	+3.8	+6.3			ck.		
6		0	-					5.3		-5.3		346.6		-	
7	N	495		92-05	3.49			12.1		-29.4		322.5		254.	
8		1815		90-40	1.16			9.8	21.1	30.9		321.0	0	253.	
9		✓		269-10	1.45			4.5	22.3	30.8			ck.		
10		1320		91-30	2.62			17.9	+34.6	+42.5	369.5		Δ		
11	S.	✓		218-10	3.20			6.3	+42.2	42.5			ck.		
12		0	-					5.3		-5.3		369.2		252.	
13	N	1320		90-50	1.45			17.2	17.1	33.3		336.2	0	251.	
14		✓		269-07	1.54			13.1	20.3	33.4			ck.		
15		2640		88-50	2.04			8.3	53.9	47.6	288.7		Δ		
16		✓		231-20	2.33			14.2	61.5	47.3	47.5		ck.		
17	S.	1320	-					13.2		-13.6		225.1		250.	
18		0	-					5.3		-5.3		223.4		249.	
19	N	1320	-					11.9		-11.9		276.8		248.	
20															

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALK. PAGE No. 3.
 LINE No.(s) 53. PARTY No. 186. DATE 17. Day 4 Mo. 75. Yr. BOOK No. _____
 SURVEYOR L. L. MAN. RODMAN G. C. WEATHER: 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	Correc-tion				INST.	ROD		
1												478.0	280		
2		1320		87-20	1.16			12.1	15.3	3.2	474.8		280		
3	S.	✓		70-46	1.34			14.5	17.7	3.2			CK		
4		0	-					5.3		-5.3		469.5	279		
5	N	1320		91-20	2.33			10.3	20.8	41.1	41.0	433.8	278		
6		✓		76-50	2.04			14.0	26.9	40.9			CK		
7		2640		89-05	1.74			4.8	45.9	41.1	392.6		CK		
8		✓		271-10	2.04			12.5	53.9	41.4			CK		
9	S.	1320		249-20	1.12			9.9		-25.3		367.3	277		
10		0	-					5.3		-5.3		387.3	276		
11	N	1320		92-05	3.49			11.4	-46.1	-57.4		335.2	275	✓	
12		2640		-12				11.7	-13.2	-24.9		367.7	274		
13		2800		-12				10.3	14.0	24.3		268.3	0		
14		✓		269-40	0.58			8.1	16.2	24.3			CK		
15		1155		88-10	3.20			12.3	27.0	24.7	343.7		CK		
16	S.	✓		271-56	3.37			14.4	38.9	24.5	24.6		CK		
17		0	-					5.4		-5.4		338.3	273		
18	N.	1320		92-10	3.78			13.1		-63.0		280.7	272	L.4 BOUND.	
19		2640		91-05	1.74			5.9		-55.0		288.7	271		
20															

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ACK. PAGE No. 4
 LINE No.(s) 53 & 49MAN PARTY No. 186 DATE 17 Day 9 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN T. T. 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		2800		90-50	1.45				8.2	40.6	48.8		294.7	0		
2	✓			269-18	1.22				14.5	34.2	48.7			CK		
3		1980		90-50	1.45				7.8	28.7	38.5	333.4		Δ		
4	✓			269-16	1.23				13.3	25.3	38.6			CK		
5	S.	825		-12					13.0	-4.2	-17.2		316.2		270	
6		0		-					5.3		-5.3		328.1		-	
7	N	495		-					2.7		-2.7		330.7		269	
8		1815		29-20	1.16				7.3	21.1	13.8		347.2	0	268	
9	✓			270-50	1.95				12.5	26.3	13.8			CK		
10		2640		90-40	1.16				13.8	30.6	43.9	391.1		Δ		
11	✓			269-22	1.11				4.7	29.8	44.0			CK		
12	S.	1320		269-30	0.87				12.3		-23.8		367.3		267	
13		0		-					5.2		-5.2		385.9		266	
14	N	1320		-					2.6		-2.6		388.5		265	
15		2640		29-53	0.21				12.8	5.5	7.3		383.8	0	264	
16	✓			270-08	0.23				13.5	6.1	7.4			CK		
17																
18																
19																
20																

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AREA _____ STATE or PROVINCE ALK PAGE No. 5
 LINE No.(s) 53 PARTY No. 186 DATE 17 Day 4 Mo. 75 - Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN TROUFFE WEATHER: 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		ABS. OF.S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion				INST.	ROD			
1												383.8	0	264.		
2		1320		89-20	1.16			5.8	15.3	9.5	374.3		Δ			
3	S	✓		271-00	1.74			13.6	23.0	9.4			OK			
4		0	-					5.3		-5.3		369.0		263.		
5	N	1320		90-50	1.45			12.0		-31.2		343.1		262.		
6		2640		91-04	1.86			12.7	49.1	61.8		312.5	0	261.		
7		✓		268-58	1.80			14.3	47.5	61.8			OK			
8		2640		88-50	2.04			7.1	53.9	44.8			Δ			
9		✓		271-05	1.74			7.5	45.9	44.4	267.9		OK			
10	S	1320		270-50	1.45			5.8		+13.4		281.3		260.		
11		0	-					5.3		-5.3		262.6		259.		
12	N	1320		90-30	0.87			14.2	11.5	25.7		242.2	0	258.		
13		✓		263-20	1.16			10.4	15.3	25.7			OK			
14		2630	-					12.3		12.5	254.7		Δ			
15		✓		269-50	0.29			4.9	7.6	12.5			OK			
16		1320		266-40	5.80			8.6		-85.2		169.5		257:	PATRICK CREEK. 150' N.	
17	S															
18		0	-					5.3		-5.3		249.4		256.		
19	N	1320		86-05	2.96			4.5		+87.4		342.1		255.		
20																

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AREA _____ STATE or PROVINCE Alk. PAGE No. 2
 LINE No.(s) 53 PARTY No. 186 DATE 17 Day 9 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN G. C. WEATHER: COLO. 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												486.7	⊙	227	
2		2140		+1/2					5.9	10.7	4.8	482.0	⊙		
3		✓		270-30	0.87				14.0	18.6	4.6		CK		
4	S.	825		+1/2					1.2	+4.1	+2.3	484.3		286	
5		0	-						8.3		-5.3	476.7			
6	N	495	-						11.3		-11.3	470.7		285	
7		1815		-1/2					12.3	9.0	21.3	460.7	⊙	284	
8		✓		269-30	0.87				5.5	15.8	21.3		CK		
9		2640	-						5.0		5.0	+465.8	⊙		
10		✓		270-10	0.29				12.7	7.7	5.2		CK		
11	S.	1320	-						14.3		-14.8	451.0		283	
12		0	-						5.3		-5.3	460.5		282	
13	N	1320		+1/2					5.4	+6.6	+1.0	466.8		281	
14		2640		+1/2					1.1	15.2	12.1	478.0	⊙	280	
15		✓		270-20	0.58				3.0	15.3	12.3		CK		
16															
17															
18															
19															
20															

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALK PAGE No. 7
 LINE No.(s) 53 PARTY No. 181 DATE 17 Day 4 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LITMAN RODMAN G. C. WEATHER: 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		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion				INST.	ROD			
1	N	2640	-						11.6	11.6		277.1	0	247		
2	✓			269-50	0.29				3.8	7.7			CK			
3		2640	-						10.0	10.0	287.1		Δ			
4	✓			270-06	0.18				14.8	4.8		297.1	CK			
5	S	1320	-						4.0	-4.0		283.1		246		
6	0		-						5.3	-5.3		281.8		245		
7	N	1155		71-40	2.91				11.2	33.6		241.7	0			
8	✓			268-26	2.73				13.8	31.5			CK			
9		2300	-						4.5	4.5	246.3		Δ			
10	✓			270-10	0.29				11.5	2.7			CK			
11		1140	-						14.7	-14.9		231.4		244		
12	S	27.5		267-10	4.94				13.6	-54.3		192.0		243		
13	0		-						5.3	-5.3		241.0		-		
14	N	495		88-30	2.62				5.4	7.6		253.9		242		
15		1815		82-20	2.91				8.0	52.8		270.3	0	241		
16	✓			271-50	3.20				14.0	58.1			CK			
17		1320	-						3.3	3.3	293.6		Δ			
18	S	✓		270-20	0.58				11.0	7.7			CK			
19	0		-						5.6	5.6		288.0	0	240	Δ 68 I.P. AT.	
20															Δ 53	

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PAGE 5

ELV. BACK TO 289

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALV. PAGE No. 2.
 LINE No.(s) 53. & LYMAN PARTY No. 186. DATE 18. Day 9 Mo. 75. Yr. BOOK No. _____
 SURVEYOR L. LYMAN. RODMAN TROUPE. WEATHER: 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		A.B.S. OF.S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion				INST.	ROD			
1												241.7	o	234		
2		1320		87.00	5.23			7.2	67.0	61.2	280.5		Δ			
3	N	✓		272-50	4.94			4.1	65.2	61.1			CK.			
4		0	-					5.4		-5.4		275.1		235.		
5	S.	1320		79-10	5.52			15.0		-87.8		192.7		236.		
6		2640		90-50	1.45			18.0	38.3	51.3	51.4	229.1	o	237		
7		✓		269.00	1.74			5.6	45.7	51.3			CK.			
8		1815		71.00	1.74			14.5	31.7	46.7	275.3		Δ			
9		✓		268-50	2.04			7.3	37.0	46.3	46.2		CK			
10	N.	495	-					14.1		-14.1		261.2		238		
11		0	-					5.4		-5.4		269.9		-		
12	S.	825		89-30	0.87			2.8		74.4		279.7		239		
13		2140		89-30	0.87			5.8	+18.6	12.5	12.8	288.0	o	240	1/2 68 I.P. AT.	
14		✓		270-40	1.16			12.2	+24.8	12.6	12.7		CK		1/2 53 1/2	
15															GRD. FLV.	
16																
17															RE: LINE 68.	
18															PAGE 5	
19															FLV. BACK TO SP. 207.	
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALK. PAGE No. 9.
 LINE No.(s) 53 PARTY No. 186 DATE 18. Day 4 Mo. 75. Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN TROUPE WEATHER: 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		2475		90-50	1.45			8.1	35.9	+4.0	405.9		228.	
3		✓		267-18	1.22			13.9	30.2	+4.1				Δ
4	N	1155		268-13	3.11			14.0		-49.9	356.0		229.	
5		0	-					5.4		-5.4	400.5			
6	S	165	-					3.8		-3.8	402.1		230.	
7		1925		70-20	0.58			12.0		-20.6	385.3		231.	+ Boost. 7.0
8		2805	-					14.8		14.8	391.1		232.	
9		✓		219-50	6.29			6.7	2.2	14.8				CK
10		1320	-					4.8		4.8	395.9			Δ
11	N	✓		270-10	0.29			2.7	3.8	4.9				CK
12		0	-					5.3		-5.3	390.6		233.	
13	S	1320		91-50	3.20			12.0	42.2	54.2	341.7		234	0
14		✓		268.00	3.49			8.2	46.1	54.3				CK
15														
16														
17														
18														
19														
20														

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALK. PAGE No. 10.
 LINE No.(s) 53. PARTY No. 186. DATE 18. Day 4 Mo. 75. Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN T.T. 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													225.9	0	220	
2		2640		90-20	0.58				9.5	+15.3	+27.8	250.7		Δ		
3		✓		263-30	0.87				1.9	+28.0	24.7			CK		
4	N	1320		269-00	1.74				10.1		-23.1		217.6		221	
5		0	-						5.4		-5.4		245.3		222	
6	S.	1320		+12					5.7	+6.6	+2.7		253.4		223	
7		2640		89-46	0.41				13.2	+10.8	2.4	2.5	248.2	0	224	
8		✓		270-16	0.47				15.0	+12.4	2.6			CK		
9		2640		-12					10.5	+13.2	23.7	271.9		Δ		
10		✓		269-40	0.58				8.5	+15.3	23.8			CK		
11	N	1320		269-00	1.74				11.8		-34.8		237.1		225	
12		0	-						5.4		-5.4		266.5		226	
13	S.	1320		87-50	3.78				11.0		+39.9		311.8		227	
14		2640		87-50	3.78				9.5	+99.8	+90.3		361.9	0	228	
15		✓		270-14	3.89				13.0	+10.9	+89.8	90.0		CK		
16				272-14						102.7	89.4					
17																
18																
19																
20																

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AREA _____ STATE or PROVINCE ALK. PAGE No. 11.
 LINE No.(s) 53. PARTY No. 101. DATE 12 Day 4 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. L. NAW RODMAN TROUPE 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																	
2		2140		91-40	2.91				13.7	62.3	76.0	320.4		244.4	0	214.	
3		✓		26°-10	3.20				7.4	62.5	73.9						ck
4	N	825		26°-00	3.49				6.5		-35.3		285.1			215.	
5		0							5.3		-5.3		315.1			-	
6	S	495.							4.5		-4.5		315.9			216.	
7		1815							14.2		14.2		306.0		0	217.	
8		✓		269-50	0.29				7.2	5.3	14.5						ck
9		1155		82-00	3.49				12.3	40.3	28.0	278.0					ck
10	N	✓		272.06	3.61				14.3	42.3	28.0						ck
11		0							5.4		-5.4		272.6			-	
12	S	165		91-00	1.74				13.0		-15.9		262.1			218	
13		1485.		72-50	4.94				13.5		-86.8		191.2			219.	
14		2800		90-50	1.45				17.5	40.6	52.1		225.9		0	220.	
15		✓		267-00	1.74				3.5	48.7	52.2						ck
16																	
17																	
18																	
19																	
20																	

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ARK. PAGE No. 12.
 LINE No.(s) 53 PARTY No. 186 DATE 18 Day 7 Mo. 75 Yr. BOOK No. _____
 SURVEYOR C. LYMAN RODMAN TRONPE WEATHER: 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												327.8	0	207		
2		225		89-20	1.16				7.1	9.6	2.5	325.3	Δ			
3	N	✓		271-00	1.74				12.0	14.4	2.4		CK			
4		0	-						5.3	-5.3		320.0		-		
5	S	495		91-00	1.74				7.0	-17.6		307.7		208		
6		1815		90-40	1.16				11.8	21.1	32.9	292.3	0	209		
7		✓		269-10	1.45				6.0	26.8 ⁴	33.1 ²		CK			
8		495		89-10	1.45				5.8	7.2	1.4	290.9	Δ			
9	N	✓		271-20	2.33				10.1	11.5	1.4		CK			
10		0	-						5.3	-5.3		285.6		-		
11	S	225		72-00	3.49				13.7	-42.5		248.4		210		
12		2140		91-10	2.04				14.0	43.7	57.7	233.1	0	211		
13		✓		268-40	2.33				5.0	49.9 ²	57.9 ²		CK			
14		2040		90-50	1.45				7.1	27.6	38.7 ⁰	271.8	Δ			
15		✓		269-00	1.74				7.9	35.5 ²	38.8 ²		CK			
16	A	720		269-00	1.74				8.9	-21.5		250.3		212		
17		0	-						5.3	-5.3		266.5		-		
18	S	200		71-00	1.74				11.1	-21.6		250.2		213		
19		1920		90-30	0.87				10.5	16.7 ⁸	27.2 ²	244.4	0	214		
20		✓		269-20	1.16				5.3	22.3 ⁴	27.6		CK			

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALB. PAGE No. 13.
 LINE No.(s) 53. PARTY No. 186. DATE 19. Day 4. Mo. 75. Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN CONRAD WEATHER: 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												300.8	0	204	
2		1815		90-40	1.16				+4.9	+21.1	+26.0	326.8			
3		✓		269-30	0.87				+10.2	+15.8	+26.0				ck.
4	N	495	-						7.3	-9.3		317.5		205.	
5		0	-						5.3	-5.3		321.5		-	
6	S.	825	-						4.9	-4.9		321.9		106	
7		2140		+112					7.7	+10.7	+1.0	327.8	0	207.	
8		✓		270-20	0.58				11.5	+12.4	+0.9				ck.
9															
10															RE: PAGE 12.
11															ELEV. BACK TO $\frac{53}{23}$.
12															
13															
14															
15															
16															
17															
18															
19															
20															

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALK. PAGE No. 14
 LINE No.(s) 57 PARTY No. 186 DATE 19 Day 4 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN CURRO WEATHER: 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. ⊙F.S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												220.1	⊙	197		
2		3135		90-20	0.58			5.3	+18.2	+26.5	241.6		Δ			
3		✓		269-38	0.64			7.5	+30.1	+26.6			ck			
4		1815		269-30	0.87			11.0		-26.8		219.8		158		
5	N	495	-					14.3		-14.3		232.3		199		
6		0	-					5.3		-5.3		241.3		-		
7	S.	825	-					10.0		10.0		236.6	⊙	200		
8		✓		269.40	0.58			5.2	-8.8	10.0			ck			
9		2475		89.10	1.45			7.7	-35.9	28.0	208.6		Δ			
10		✓		270-58	1.67			18.7	-41.8	28.1			ck			
11	N	1155		269.00	1.74			11.4		-31.6		177.0		201		
12		0	-					5.3		-5.3		203.3		-		
13	S.	165	-					2.8		-2.8		205.8		202		
14		1485		88-40	2.33			5.9		+28.6		237.2		203		
15		2800		87-50	3.78			13.5	+10.8	+92.3	+20.0	300.8	⊙	204		
16		✓		272-04	3.60			8.7	+10.8	+92.3	+20.0		ck			
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALB. PAGE No. 15.
 LINE No.(s) 53. PARTY No. 186 DATE 19 Day 4 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LAMAN RODMAN CONRAD WEATHER: CLEAR P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		ΔB.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												277.1	⊙	191		
2		2640		-1/2					+							
3		✓		269-50	0.29				3.7	+13.2	+16.9	294.1	Δ			
4	N	1320		269-30	0.87				9.4	7.7	17.1		CK			
5		0	-						12.2	-23.7		270.4		192.		
6	S.	1320		89-20	1.16				5.4	-5.4		288.7		193.		
7		1815		89-20	1.16				2.5	+12.9		307.0		194.		
8		✓		270-50	1.45				5.3	+21.1	+15.8	309.8	⊙			
9		825		270-30	0.87				10.7	+26.8	15.0		CK			
10	N	✓		270-50	1.45				6.0	7.2	1.2	308.6	Δ			
11		0	-						10.8	12.0	1.2		CK			
12	S.	1320		92-00	3.49				5.3	-5.3		303.3		195.		
13		2640		91-40	2.91				9.7	-55.7		2529		196.		
14		✓		268-10	3.20				11.7	76.8	88.5	220.1	⊙	197.		
15									4.1	24.5	22.6		CK			
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALC PAGE No. 16
 LINE No.(s) 53 PARTY No. 126 DATE 19 Day 4 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN CONRAD 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												219.3				
2	S.	1320		71-00	1.74				5.2	-23.0	-28.2	191.1		184		
3		2640		70-40	1.16				14.0	30.8	44.6	174.7	o	185		
4		✓		269-10	1.45				6.3	32.9	44.6		ck			
5		1155		89-20	1.16				2.4	13.4	7.0	167.7	Δ			
6	N	✓		270-50	1.45				7.9	16.8	6.9		ck			
7		0	-						5.4		-5.4	162.3		-		
8	S.	165	-						12.0		-12.2	155.5		181		825' SOUTH CREEK, RAVIDGE
9																
10	S.	1485		89-00	1.74				13.1		+12.8	180.5		187		
11		2805		88-10	3.20				10.5	27.1	79.1	246.7	o	188		
12		✓		271-55	3.34				14.7	53.5	70.8		ck			
13		2140		70-30	0.87				15.2	18.6	31.8	278.5	Δ			
14		✓		269-20	1.16				6.9	24.8	31.8		ck			
15	N	825	-						12.2		-12.2	266.3		189		
16		0	-						5.4		-5.4	273.1		-		
17	S	495	-						3.2		-3.2	275.3		190		
18		1815		+1/2					10.5	+9.1	1.4	277.1	o	191		
19		✓		270-10	0.29				5.0	5.3	1.5		ck			
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALK. PAGE No. 17.
 LINE No.(s) 53. PARTY No. 186. DATE 19. Day 4 Mo. 7-5 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN CONRAD WEATHER: 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		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion				INST.	ROD			
1												232.3	⊙	176		
2		3135		-1/2				+3.1	+5.7	+1.8	251.1		⊙			
3	✓			269-50	0.29			+7.7	+1	+1.8			ck			
4		1815		268-50	2.04			14.7		-51.6		199.5	✓	177		
5	N	495		268-50	2.04			14.1		-29.9		221.2		178		
6		0	-					5.3		-5.3		245.8		-		
7	S	825		88-40	2.33			4.7	+19.2	+14.5		265.6	⊙	179		
8	✓			272-00	3.49			14.3	+28.8	+14.5			ck			
9		1320		90-30	6.87			9.6	+11.5	+21.1	286.7		⊙			
10	N	✓		269-40	0.58			12.5	+7.7	+21.2			ck	180		
11		0	-					5.3		-5.3		281.4		180	SOUTH	
12															180 + 16.0	
13															BEND IN LINE.	
14	S.	1320	-					12.2		12.2		274.5	⊙	181		
15	✓			269-50	0.29			8.4	7.8	12.2			ck			
16		2640		88-40	2.33			6.3	21.5	55.2	219.3		⊙			
17	✓			271-30	2.62			13.9	29.2	55.9			ck			
18	N	1320		271-00	1.74			13.0	+22.97	+10.0		229.3	✓	182		
19		0	-					5.3		-5.3		214.0		183		
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALB. PAGE No. 18
 LINE No.(s) 53 PARTY No. 186 DATE 19 Day 4 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN CONRAD WEATHER: 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												293.0	0		
2		1450		-1/2				9.2	7.3	16.5	309.5		Δ		
3		✓		269-40	0.58			8.0	8.4	16.4			CK		
4	N	292	-					5.3		-6.3		303.2		171.	PT. 186
5		0	-					5.2		-5.2		304.3		170	PT. 182 I.P.
6															AT SP. 170
7															
8	S	1030	-					12.4		-12.4		297.1		172.	
9		2350		90-30	0.87			10.9	20.5	31.4		278.1	0	173.	
10		✓		269-34	0.76			18.4	17.9	31.32					CK
11		2640		89-30	0.87			7.5	23.0	15.5	262.6				Δ
12		✓		270-36	1.05			12.3	27.2	15.43					CK
13	N	1320	-					17.4		-13.4		249.2		174	
14		0	-					5.4		-5.4		257.2	✓	175.	
15	S	1320		90-40	1.16			15.0	15.3	30.3		222.3	0	176.	
16		✓		269.10	1.45			11.2	17.12	30.31					CK
17															
18															
19															
20															

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STADIA SURVEY NOTES

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AREA LOOKOUT RIDGE. STATE or PROVINCE ALB. PAGE No. 19.
 LINE No.(s) 53. PARTY No. 186 DATE 19 Day 4 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN CONRAD. WEATHER: 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		ABS. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion				INST.	ROD			
1												230.4	0	29	9 th 7-5 NORTH	
2															2.53	
3		2020	-					10.3		+10.3	240.7		Δ			
4	N	700	-					6.3		-6.3		234.4		9 th		
5																
6		0	-					5.3		5.3		235.4		4	53 9 th ELEV.	
7												233.1		RE PAGE 39	63	
8														VERTICAL TIE.	+ 2.3	
9														LINE 63.	1 P. AT 4.	
10														6.9-6.		
11														19-4-75.		
12																
13	S.	1280		89.20	1.16			3.5	+14.9	+11.4		252.1	0	9 th		
14		✓		271.05	1.74			10.8	+22.3	+11.5				CK		
15		1650		70.50	1.45			10.9	+23.9	+34.8	286.9		Δ			
16	N	✓		267.00	1.74			4.1	+20.7	+34.8				CK		
17		0	-					5.3		-5.3		281.6		TP. 1	9 th 169.	
18	S.	1650		89.40	0.58			3.5	+9.6	+6.1		293.0	0	9 th		
19		✓		270.30	0.87			8.4	+14.4	+6.0				CK		
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALK. PAGE No. 20.
 LINE No.(s) 53. PARTY No. 186 DATE 20 Day 4 Mo. 75. Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN TROUFF 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		▲B.S. ○F.S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion				INST.	ROD			
1												303.2	0	171.	PTT. 186.	
2																
3		0	-					5.3		+5.3	308.5		Δ			
4																
5	N	1320		-112				9.9	6.6	16.5		292.0	0	170 A	PTT. 186.	
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE AK PAGE No. 54
 LINE No.(s) 53 PARTY No. 182 DATE 11 Day 3 Mo. 75 Yr. BOOK No. 2
 SURVEYOR MONOHON RODMAN MIKE WEATHER: CLEAR + WARM 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																
2																
3	N	3960		8152.16												
4	N	2640		9009.36												
5	N	1320		9012.06												
6		0		-												
7	S	1320		9016.26												
8	S	2640		9018.01												
9	S	3960		8745.46												
10	S	5280		8949.04												
11	N	3960		9010.39												
12	N	2640		9021.51												
13	N	1320		9029.52												
14		0		-												
15	S	5		9000.00												
16	S	1320		9013.10												
17	N	2145		8944.31												
18	N	825		9019.28												
19	S	495		9057.57												
20	S	1815		9011.37												

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE AK PAGE No. 55
 LINE No.(s) 53 PARTY No. 182 DATE 11 Day 3 Mo. 75 Yr. BOOK No. 2
 SURVEYOR M. D. W. H. O. N. RODMAN Mike WEATHER: CLEAR + WARM 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															
2															
3	N	3465		901355				4.0	+14.0	+18.0	92.9	74.9	Δ	24	K @ 26 + 825
4	N	2145		902100				4.0		-17.1		75.3		25	
5	N	825		910241				4.0		-19.0		73.4		26	
6	S	495		904124				4.0		-10.0		82.4		27	
7	S	1815		901259				4.0		-10.9		81.5		28	
8	S	3135		895501				10.0	+45	-5.5		86.9	○	29	
9	N	3960		895305				5.0	-8.0	-3.0	83.9		Δ		K @ 30
10	N	2640		900222				4.0		-5.8		78.1		30	
11	N	1320		900632				4.0		-6.5		77.4		31	
12		0						5.2		-5.2		78.7		32	
13	S	1320		900540				4.0		-6.2		77.7		33	
14	S	2640		900310				4.0		-6.4		77.5		34	
15	S	3960		895209				4.0		+5.0		88.9		35	
16	S	4268		894227				2.4	+21.8	+19.4		763.3	○	TP 72	@ 35 + 308
17	N	4147		895850				2.4	-14	+1.0	804.3		Δ		K @ 38 + 495
18	N	3135		900143				4.0		-5.6		198.7		36	
19	N	1815		901300				4.0		-10.8		93.4		37	
20	N	495		915126				4.0		-20.0		84.3		38	

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE AK PAGE No. 56
 LINE No.(s) 53 PARTY No. 182 DATE 11 Day 3 Mo. 25 Yr. BOOK No. 2
 SURVEYOR McNorton RODMAN MIKE WEATHER: CLEAR + Cool 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>104.3</u>			
2	S	825 ✓		910015				4.0	-18.5		85.8		39	
3	S	2145 ✓		901543				10.0	-19.8		84.5	X	40	
4	S	3465 ✓		901541				16.0	-15.8	-25.8 ✓	88.5	⊙	41	
5	N	3960 ✓		902014				5.0	+23.3	+28.3 ✓	876.8	Δ	<u>TO 44</u>	
6	N	2640 ✓		903200				4.0	-28.6		88.2		42	
7	N	1320 ✓		905946				4.0	-26.9		89.9		43	
8		0		-				6.1	-6.1		110.7		44	
9	S	1320 ✓		902617				10.0	-20.1		96.7		45	
10	S	2640 ✓		902234				4.0	-21.8		95.5		46	
11	S	3960 ✓		901408				4.0	-20.8		96.5		47	
12	S	5280 ✓		900506				4.0	-7.8	-11.8 ✓	108.0	⊙	48	
13	N	5115 ✓		900523				4.0	+8.0	+12.0 ✓	107.0	Δ	<u>TO 51 + 1155</u>	
14	N	3795 ✓		901705				4.0	-22.9		94.1		49	
15	N	2475 ✓		902914				4.0	-25.0		92.0		50	
16	N	1155 ✓		905430				4.0	-22.3		94.7		51	
17	S	38 ✓		900000				4.0	-4.0		113.0		TP 71 51 + 1193 ✓	
18	S	165 ✓		911334				4.0	-7.5		109.5		52	
19	S	1485 ✓		904241				4.0	-22.4		94.6		53	
20	S	2805 ✓		900757				15.0	-21.5		95.5		54	

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE AK PAGE No. 157
 LINE No.(s) 53 PARTY No. 182 DATE 11 Day 3 Mo. Yr. BOOK No. 2
 SURVEYOR MORONON RODMAN MIKE WEATHER: CLEAR & COOL P.T.S. No.

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		ΔB.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion.				INST.	ROD			
1																
2																
3	S	4125 ✓		901630				4.0		-23.8		93.2		55		
4	S	5445 ✓		901226				4.0	-19.7	-23.7 ✓		93.3	⊙	56		
5									END OF DAY				Δ			# @ 59
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE AK PAGE No. 58
 LINE No.(s) 53 PARTY No. 182 DATE 3 Day 12 Mo. Yr. BOOK No. 2
 SURVEYOR MONAHAN RODMAN MIKE WEATHER: CLOUDY + WARM 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.			
1															
2															
3															
4	S			87 41 30									Δ	TPN-4-75 @ SP 95+503	
5	S			89 40 17										981 * @ 94	
6	N	0		-										940	
7	N			90 36 59										889	
8	N			90 32 40										9280	
9	N			90 21 45										9787	
10	N			90 20 07									○	9586	
11													Δ	K @ 82	
12															
13															
14															
15															
16															
17															
18															
19															
20															

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE AK PAGE No. 59
 LINE No.(s) 53 PARTY No. 182 DATE 12 Day 3 Mo. 75 Yr. BOOK No. 2
 SURVEYOR Monahan RODMAN Mike WEATHER: CLOUDY + WARM 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	N	3960		90 14 34				4.0	+16.8	+70.8	914.0		56	⊙	
4	N	2640		90 21 44				4.0		-20.7			57	⊙	⊙ @ 59
5	N	1320		90 19 19				6.0		-13.4			58		
6		0						5.4		-5.4			59		Refer Page 50-58
7	S	1320		90 03 27				0.0	-1.3	-1.3			60	⊙	TP 67 INTERICE 58
8	N	5445		89 52 03				7.2	-12.6	-5.4	737.3			⊙	⊙ @ 64 + 165 53
9	N	4125		90 06 48				4.0		-12.2			61		112.3
10	N	2805		90 12 45				4.0		-14.4			62		112.7
11	N	1485		90 24 38				4.0		-14.6			63		Tie - + 0.4
12	N	165		90 57 28				4.0		-16.8			64		
13	S	1155		90 35 45				4.0		-16.0			65		
14	S	2475		90 30 36				4.0		-26.0			66		
15	S	3795		90 21 49				4.0	-24.1	-23.1			67	⊙	
16	N	1485		89 37 02				4.0	-9.7	-5.9	73.3			⊙	⊙ @ 68 + 165
17	N	2155		92 43 49				4.0		-11.9			68		
18	S	2475		89 50 45				4.0	+3.1	+0.2			69	⊙	
19	N	3960		90 06 37				4.0	+76.4	+11.6	840			⊙	⊙ @ 72
20	N	2640		90 11 28				4.0		-12.8			70		

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE AK PAGE No. 60
 LINE No.(s) 53 PARTY No. 182 DATE: 12 Day 3 Mo. 75 Yr. BOOK No. 2
 SURVEYOR MONAHAN RODMAN MIKE WEATHER: CLOUDY + WARM 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												84.0			
2	N	1320		902241						-12.7		71.3		71	
3		0		-						-5.4		678.6		72	
4	S	1320		901133						-8.4		575.6		73	
5	S	2640		900725						-5.7	-9.7	74.3	0	74	
6	N	2640		900457						+3.8	+7.8	82.1	Δ	76	T @ 76
7	N	1320		900208						-7.1		75.0		75	
8		0		-						-5.1		77.0		76	
9	S	1320		901347						-9.3		72.8		77	
10	S	2640		900925						-10.5		571.6		78	
11	S	3960		900243						-3.1	-7.1	75.0	0	77	
12	N	1320		902205						+8.5	+12.5	87.5	Δ	80	T @ 80
13		0		-						-5.6		81.9		80	
14	S	1320		903341						-16.9		70.6		81	
15	S	2640		901800						-17.8		69.7		82	
16	S	3960		901437						-20.8		66.7		83	
17	S	5280		901457						-27.0		60.5		84	T-75
18	S	6600		900332						-9.4		78.1		85	
19	S	7920		895752						+4.9	+0.9	88.4	0	86	
20															

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE AK PAGE No. 61
 LINE No.(s) 53 PARTY No. 182 DATE 12 Day 3 Mo. 75 Yr. BOOK No. 2
 SURVEYOR MONOHON RODMAN MIKE WEATHER: cloudy + warm 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																
2																
3	N	✓ 5280 ✓		901925					4.0	+22.8	+33.8	✓ 122.2	88.4	⊙	86	
4	N	✓ 3960 ✓		902118					4.0		-28.5	93.7		Δ		π @ 90
5	N	✓ 2640 ✓		903209					4.0		-28.7	93.5			87	
6	N	✓ 1320 ✓		903743					4.0		-18.5	103.7			88	
7		0 ✓		-					5.5		-5.5	89.7			89	
8	S	✓ 1320 ✓		893933					4.0		+3.9	126.1			90	
9	S	✓ 1823 ✓		893211					6.9	+14.7	+7.8	✓ 130.0		⊙	TP 75 @ 91 + 503	N475
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE AK PAGE No. 62
 LINE No.(s) 53 PARTY No. 182 DATE Day 3 Mo. 7th Yr. 75 BOOK No. 2
 SURVEYOR _____ RODMAN _____ WEATHER: 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																
2												130.0			TP @ SP91+503 N4-75	
3	✓ 2137	✓		89 45 52					6.9	-8.8	-1.9	128.1	Δ		TP @ SP93	
4	1320	✓		89 53 25					4.0		-1.5	126.6		92		
5	0	✓		-					5.3		-5.3	122.8		93		
6	1320	✓		91-45-02					4.0		-44.3	83.8		94		
7	2640	✓		90 11 26					4.0		-12.8	115.3		95		
8	3960	✓		90 01 35					4.0		-5.8	122.3		96		
9	5280	✓		89 56 36					4.0		+1.2	129.3		97		
10	6600	✓		89 54 54					4.0	+9.8	+5.8	133.9	0	98		
11	3482	✓		90-17-28					4.0	+17.7	+21.7	155.6	Δ			
12	2162	✓		90-19-23					4.0		-16.5	1319.1		99		
13	842	✓		90-23-54					4.0		-9.9	145.7		100		
14	0			-					4.3		-4.3	151.3	Δ	100 + 942 N4-76		
15	478	✓		90-58-39					4.0		-12.1	143.5		101		
16	1798	✓		90-42-28					4.0		-26.2	129.4		102		
17	2118	✓		90-30-34					4.0		-31.8	123.8		103		
18	4436 4418			90-14-13					4.0		-27.4	128.2		104	T-102	
19	5156 5138			90-03-16					4.0		-9.4	146.2		105		
20	✓ 7078	✓ 4058		89-59-08					4.0	+1.8	-2.2	153.4	0	106		

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STADIA SURVEY NOTES

AREA NPR 4 STATE or PROVINCE AK PAGE No. 63
 LINE No.(s) 53 PARTY No. 182 DATE _____ Day _____ Mo. _____ Yr. BOOK No. 2
 SURVEYOR Mowalton RODMAN FOX 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	✓ 3960	✓		90 13 17					10.0	+15.3	+25.3	178.7	153.4	106	
3	2640	✓		90 13 17					14.0	-24.2		154.5		107	
4	1320	✓		90 13 12					6.5	-11.6		167.1		108	
5	0			-					6.2	-6.1		172.6		109	(2 TP 77) - T-112
6	1320	✓		90-13-03					4.0	-9.0		169.7		110	
7	2640	✓		90-10-25					4.0	-12.0		166.7		111	
8	✓ 3960	✓		90-09-36					4.0	-11.1	-15.1	163.6		112	
9	✓ 3960	✓		90-13-28					4.0	+15.5	+19.5	183.1			
10	2640	✓		90-13-33					4.0	-29.8		153.3		113	
11	1320	✓		90-13-31					4.0	-16.9		166.2		114	
12	0	✓		-					5.3	-5.3		177.8		115	T-130
13	1320	✓		89 43 39					4.0	+2.3		185.4		116	
14	2640	✓		89-44-06					4.0	+3.2		179.3		117	T-150
15	✓ 3960	✓		89-29-46					4.0	+34.8	+30.8	213.9		118	
16	✓ 1320	✓		91 26 38					4.0	+33.3	+37.3	251.2			T @ 119
17	0			-					5.3	-5.3		205.9		119	
18	✓ 1320	✓		89 22 27					5.0	+14.4	+9.4	260.6		120	(N4-78)
19	1320													121	
20	2640													122	

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STADIA SURVEY NOTES

AREA NPR 4 STATE or PROVINCE ALASKA PAGE No. 69
 LINE No.(s) 53 PARTY No. 182 DATE 17 Day 3 Mo. 75 Yr. BOOK No. 2
 SURVEYOR MONAHAN RODMAN MIKE WEATHER: COLD 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															
2															
3	N	1320		89 51 56					2.0	-3.11	+1.9	262.5	260.6	0	N4-78 @ SP120
4	S	1320		90 14 21					4.8		-9.5	251.0 253.0		121	π @ 121
5	S	2640		90 10 30					4.0		-12.1	250.4		123	
6	S	3960		90 01 02					4.0		-5.2	257.3		124	
7	S	5280		89 57 02					4.0	+4.6	+0.6	263.1	0	125	
8	N	1155		90 23 10					4.0	+7.8	+11.8	274.9	Δ		π @ 125 + 1155
9	S	165		91 18 28					4.0		-7.8	1267.1		126	
10	S	1485		91 40 13					4.0		-21.4	253.5		127	
11	S	2805		90 37 28					0.0	-30.5	-30.5	244.4		128	Top of pipe
12	S	4125		90 10 19					4.0		-16.4	258.5		129	grad. 238.4 + 37
13	S	5445		90 02 10					4.0	-3.4	-7.4	267.5	0	130	A.S. 234.7
14	N	1320		90 32 48					4.0	+12.6	+16.6		Δ		π @ 131
15		0		90 02 14					5.5					131	Corrected for mistle + height of pipe
16	S		90 03 14	89 58 05					4.0					132	
17	S	3465	89 58 05	90 55 34					1.5			280.4	0	133	TP 79 @ 133 + 82.5
18	N 84 15	4240		89 53 28					3.3	-16.0	-12.7	267.7	Δ		π @ 14T 140
19	N	7920		89 55 15					4.0		+6.9	274.6		134	
20	N	6600		90 01 12					4.0		-6.3	261.4		135	

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE _____ PAGE No. 67A
69
 LINE No.(s) 53 PARTY No. 182 DATE _____ Day _____ Mo. _____ Yr. BOOK No. 2
 SURVEYOR _____ RODMAN _____ WEATHER: _____ 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																	
2																	
3		✓ 1320		90 32 48				4.0	+12.6	+16.6	277.4	267.5	0	130			Lev'n
4		0		-				5.5		-5.5			Δ				π@131
5		1320		90 03 14				4.0		-5.2		272.2		131			
6		2640		80 58 05				4.0		-2.5		274.9		132			
7		✓ 3465		89 55 34				1.5	+4.5	+3.0		280.4	0	TP N			4-79@133+825
8													Δ				π@141
9														134			
10														135			
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE AK PAGE No. 65
 LINE No.(s) 53 PARTY No. 182 DATE 17 Day 3 Mo. 75 Yr. BOOK No. 2
 SURVEYOR Monahan RODMAN Mike WEATHER: Very Cold + Very Windy P.T.S. No.

LINE	Bearing of Sight	Stadio Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		ΔB.S. OF.S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2												267.7				
3	N	5880		90 12 12					4.0	-22.7		2450			136	
4	N	3960		90 34 05					4.0	-43.3		2244			137	
5	N	2640		90 47 16					4.0	-38.0		2289.7			138	
6	N	1320		90 56 02					4.0	-25.5		2422			139	
7		0		-					5.6	-5.6		2621			140	
8	S	✓1320		90 07 59					4.0	-19 ✓ -5.9 ✓		2618	0		141	
9									6.5							
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
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STADIA SURVEY NOTES

AREA NPK-4 STATE or PROVINCE AK PAGE No. 66
 LINE No.(s) 53 PARTY No. 182 DATE 18 Day 3 Mo. 75 Yr. BOOK No. 2
 SURVEYOR MONOMON RODMAN MIKE WEATHER: COOL 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												261.8	0	141	
3	N	✓ 3960		89 41 54					+6.5	-20.8	-14.3	✓ 247.5	Δ		
4	N	2640		89 48 03					4.0	+5.2		252.7		142	
5	N	1320		92 22 38					4.0	-58.7		188.8		143	
6		0		-					3.0	-3.0		244.3		144	
7	S	✓ 1320	0	89 29 20					4.0	+11.8	+8.1	255.6	0	145	Above pipe 53 & 52 ord. of 239.6 241.1 line 42 -1.5 P.1
8	S	1320	R	270-82-5					-4.0	+12.4			CR		
9	N	2640	D	90 36 05					+4.0	+21.7	+31.7	287.3	Δ		
10	N	2640	R	90 47 33					+4.0	26.7	+30.3		CK		NO 147 = TP 80
11	N	1320		90 47 33					4.0		-22.3			146	
12		0		-					4.7		-4.7	282.6		147	
13	S	1320		90 53 34					4.0		-24.6	262.7		148	
14	S	2640		90 39 38					4.0		-34.4	252.9		149	
15	S	3960	D	90 20 45					4.0	-23.9	-27.0	260.3	0	150	
16	S	3960	R	269 40 46					4.0	-22.2			CK		
17	N	1320	P	90 36 58					4.0	+14.2	+17.9	278.2	Δ		NE 151
18	N	1320	R	267 24 20					4.0	+13.7			CK		
19		0		-					5.5		-5.5	272.7		151	
20	S	1320	P	89 50 54					4.0	+3.5	-0.5	278.7	0	152	

TI-588B

WORKED BY Monomon

CHECKED BY 1st Mike

2nd

STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE AK PAGE No. 67
 LINE No.(s) 53 PARTY No. 182 DATE 18 Day 3 Mo. 75 Yr. BOOK No. 2
 SURVEYOR MONAHAN RODMAN MIKE WEATHER: COOL 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	S	1320		P	89 50 54				4.0	+3.5	-0.2	278.7	0	152		
3	S	1320		R	270 10 37				4.0	+4.1			CK			
4	N	5280		V	89 44 11				4.0	-24.3	+21.3	257.4	Δ		K @ 156	
5	N	5280		R	270 17 10				4.0	-26.4			CK			
6	N	3960		V	89 51 10				4.0	+6.2		263.6		153		
7	N	2640		V	90 58 09				4.0	-48.6		208.8		154		
8	N	1320		V	91 09 51				4.0	-30.8		226.6		155		
9		0		V	-				6.0	-6.0		257.4		156		
10	S	1320		V	89 23 06				4.0	+14.2	+10.5	267.9	0	157		
11	S	1320		R	270 38 27				4.0	+14.8			CK			
12	N	5280		V	89 40 21				6.3	-30.2	-24.7	243.2	Δ		K @ 160 161	
13	N	5280		R	270 20 50				6.3	-32.0			CK			
14	N	3960		V	89 43 00				4.0	+9.1		252.3		158		
15	N	2640		V	90 17 08				4.0	-17.2		226.0		159		
16	N	1320		V	90 58 24				4.0	-26.4		216.8		160		
17		0		V	-				5.8	-5.8		239.4		161		
18	S	1320		V	90 52 45				4.0	-24.3		218.9		162		
19	S	2640		V	90 30 17				L	-27.3		215.9		163		
20																

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CHECKED BY 1st

Out

2nd

STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE AK PAGE No. 168
 LINE No.(s) 53 PARTY No. 182 DATE 18 Day 3 Mo. 75 Yr. BOOK No. 2
 SURVEYOR Monahan RODMAN MIKE WEATHER: COOL 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	S	3960 /	D	89 59 43					-4.0	+0.3 / -2.9		240.3	O	164		
3	S	3960	R	270 01 34					-4.0	+1.8			ck			
4	N	5280 /	D	90 37 35					4.0	+57.7 +60.6	300.9		Δ		K e 168	
5	N	5280	R	269 23 50					4.0	+55.5			ck			
6	N	3960 /		90 39 37					4.0	-45.6 / -49.6		257.3		165		
7	N	2640 /		90 45 52					4.0	-89.2		260.7		166		
8	N	1320 /		70 47 22					4.0	-22.2		278.7		167		
9		0 /		-					5.5	-5.5		295.7		168		
10	S	1320 /		89 43 04					4.0	+2.5		303.7		169		
11	S	2640 /	D	89 38 39					-1.0	+16.4 / +15.9		316.8	O	170	≠ TP 81 Below Pipe	
12	S	2640	R	276 22 47					-1.0	+17.5 PIPE			ck			
13									-6.0	G.L. (100)		204.2			END OF LINE 53	
14																
15																
16																
17																
18																
19																
20																

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WORKED BY MM

CHECKED BY 1st

Duck

2nd